

Japan International Cooperation Agency (JICA)

**Baseline Survey on Rice Related Projects
in Sub-Sahara Africa**

- for the Support of Coalition for African Rice Development -

Final Report

June 2009

RECS International Inc.

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PREFACE

Japan International Cooperation Agency (JICA), in partnership with Alliance for a Green Revolution in Africa (AGRA), launched an initiative now known as the “Coalition for African Rice Development” (CARD) aiming at doubling the rice production in Sub-Saharan Africa within 10 years, on the occasion of the Fourth Tokyo International Conference on African Development (TICAD IV) held in Yokohama, Japan in May 2008.

In October 2008, the first CARD General meeting was held and 12 targeted countries, namely, Cameroon, Ghana, Guinea, Kenya, Madagascar, Mali, Mozambique, Nigeria, Senegal, Sierra Leone, Tanzania and Uganda, were approved. Also, the CARD secretariat which is in charge of coordinating CARD related activities was set up in the premise of AGRA office in Nairobi, Kenya.

Under these circumstances, JICA decided to conduct the study to make an inventory of rice related projects in the 12 targeted countries as an in-kind support to the CARD secretariat and dispatched the study team headed by Mr. Takashi KIMIJIMA of RECS International Inc. between March and April 2009.

This report is the result of the said study and I hope that it will contribute to the promotion of rice development in Sub-Saharan Africa.

Finally, I wish to express my sincere gratitude to all concerned for their close cooperation extended to the study.

June 2009

Motofumi KOHARA
Director General
Rural Development Department
Japan International Cooperation Agency



Location Map of the Countries Surveyed
(First Group Countries under CARD Process)

Baseline Survey on the Rice Related Projects in Sub-Sahara Africa
Final Report

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Abbreviation

Abbreviation	Official Name
ADP	Agro-Dealer Development Program
AFD	French Development Agency (Agence Française de Développement)
AfDB (BAD)	African Development Bank (Banque Africaine de Développement)
AGRA	Alliance for a Green Revolution in Africa
AKF	Aga Khan Foundation
ASDP	Agricultural Sector Development Programme (Tanzania)
BADEA	Arab Bank for Economic Development in Africa (Banque Arabe pour le Développement Economique en Afrique)
BNDA	Banque Nationale de Développement Agricole
BOAD	Banque ouest africaine de développement
BSF	Belgian Survival Fund for the Third World
CADP	Commercial Agriculture Development Project
CAR	The Central African Republic
CARD	Coalition for African Rice Development
CERF	United Nations Central Emergency Response Fund
CFC	Crédit Foncier du Cameroun
CGIAR	Consultative Group on International Agriculture Research
CIDA	Canadian International Development Agency
CRS	Catholic Relief Services
DADP	District Agricultural Development Project
DFID	UK Department for International Development
DRS	Doho Rice Irrigation Scheme
EACI	Education for African Crop Improvement
EC	European Commission
EU	European Union
FAO	Food and Agriculture Organization of the United Nations
FARA	Forum for Agricultural Research in Africa
FCV	Fonds de Contre Valeur
FFP	Food for Peace
FIAAC	Fund for the Improvement and Adoption of African Crops
GDP	Gross domestic product
GEF (FEM)	Global Environment Facility (Fonds pour l'environnement Mondial)
GOM	Government of Madagascar
GRIB	Ghana Rice Inter- Professional Body
GTZ	Deutsche Gesellschaft für Technische Zusammenarbeit
IAEA	International Atomic Energy Agency

IDA/WB	International Development Association/World Bank
IDB (BID)	Islamic Development Bank (Banque Islamique de Développement)
IFAD (FIDA)	International Fund for Agricultural Development (Le Fonds international de développement agricole)
IFPRI	International Food Policy Research Institute
IRAD	Institute for Agricultural Research for Development
IRRI	International Rice Research Institute
JICA	Japan International Cooperation Agency
JIRCAS	Japan International Research Center for Agricultural Sciences
KARI	Kenya Agricultural Research Institute
KFD	The Kuwait Fund for Development
KOICA	Korean International Cooperation Agency
MAAIF	Ministry of Agriculture, Animal Industry, and Fisheries (Uganda)
MAEEF	Ministry of Agriculture, Livestock, Water and Forests (Guinea)
MCA	Millennium Challenge Account
MDGs	Millennium Development Goals
MIAD	Mwea Irrigation Agricultural Development (Kenya)
NAADS	Uganda National Agricultural Advisory Services
NAFCO	National Agricultural and Food Company (Tanzania)
NARES	National Agricultural Research and Extension Institutes
NARO	National Agricultural Research Organisation (Uganda)
NDF	Nordic Development Fund
NERICA	New Rice for Africa
NGO	Non-governmental Organization
NIB	National Irrigation Board
NRDS (SNDR)	National Rice Development Strategy (Stratégie National de Développement du Riziculture)
NSADP	National Sustainable Agricultural Development Plan
OFDA	Office of U.S. Foreign Disaster Assistance
OFID	OPEC Fund for International Development
OMVS	Organisation pour la Mise en Valeur du Fleuve Sénégal
OPEC	Organization of the Petroleum Exporting Countries
PASS	Program for Africa's Seeds Systems
PREBAP	Programme de relance de la banana plantain
PTF	Donors' coordination group
RYMV	Rice yellow mottle virus
SAIB	Société agro-industrielle de la Benoué
SEMRY	Société d'Exploitation et de Modernisation de la Riziculture de Yagoua

SEPA	Seed Production for Africa Initiative
SG2000	Sasakawa Global 2000
SIDA	Swedish International Development Agency
SODERIM	Société de Développement de la Riziculture dans la plaine de Mbos
SPFS	special program for food security
SRI	Système de Riziculture Intensive
SSA	Sub-Sahara Africa
TCP/TA	Technical cooperation project/Technical assistance
TICAD	Tokyo International Conference on African Development
UNDP	United Nations Development Programme
UNICEF	United Nations International Children's Fund
UNVDA	Upper Noum Valley Development Authority
US	United States
USAID	United States Agency for International Development
WARDA	Africa Rice Center
WFP (PAM)	World Food Programme (Programme Alimentaire Mondiale)

Chapter 1 Introduction

1.1 Study Background

This is the report on the Baseline Survey on Rice Related Project in Sub-Sahara Africa (the Study), for the support of Coalition for African Rice Development (CARD).

The CARD initiative, jointly announced by the Japan International Cooperation Agency (JICA) and Alliance for a Green Revolution in Africa (AGRA) in May 2008, at the fourth Tokyo International Conference on African Development (TICAD IV), aims to double the rice production in Sub-Sahara African Region (SSA) in the next 10 years.

CARD is established as a consultative group of bilateral and multilateral donors and African and international institutions to achieve the above objective through harmonization and coordination of on-going initiatives as well as facilitation of resources and opportunities to match the needs of African rice-producing countries.

This movement implies the fact that rice has the largest potential for production increase among the main cereal crops consumed in Africa. It is expected therefore that the concentration of the international support focusing on the increase of rice production could be an effective entry point of assistance and conducive not only to the improvement of food situation in the middle to long term and economic development, but also to the promotion of rural development and poverty reduction.

In order to facilitate CARD process, 12 countries in SSA including Cameroon, Ghana, Guinea, Kenya, Madagascar, Mali, Mozambique, Nigeria, Senegal, Sierra Leone, Tanzania, and Uganda were selected as the first group. While these countries were asked to prepare a National Rice Development Strategy (NRDS), it was considered necessary to grasp the present situation of rice development in these countries to seek effective support to attain the common objective of CARD.

Under the above situation, JICA decided to conduct the Study and entrusted it to RECS International Inc. (RECS).

1.2 Study Objectives

The Study has the following objectives:

- (a) To carry out inventory survey on the on-going and planned rice related projects for 12 first group countries for CARD support; and
- (b) To make recommendations, based on the results of the inventory survey, on the ways of effective coordination and creating synergy effect among donors for the promotion of rice development in 12 target countries.

1.3 Works Conducted

To fulfill the above objectives, the following works were conducted.

- (a) Collection of basic information on socio-economy and agriculture of the respective countries, and their National Rice Development Strategy (NRDS),
- (b) Preparation of “Country Profile Related to Rice” in each country, based on (a),
- (c) Collection of information on rice related projects/programs in the respective countries,
- (d) Preparation of profiles on the collected projects/programs in each country,
- (e) Mapping and categorization of the rice related projects/programs in each country,
- (f) Examination of cases of donors’ coordination,
- (g) Analysis of the gaps between the NRDS and projects/programs, and
- (h) Making recommendation on CARD process to attain the target.

1.4 Operational Setup of the Study

The Study was carried out by the following 4 Japanese experts organized by RECS.

- 1) Takashi KIMIJIMA: Team Leader/Promotion of Rice Development; in charge of Cameroon, Guinea, Madagascar, Mali, Mozambique, Senegal, and Sierra Leone
- 2) Shuichi ASANUMA: Promotion of Rice Development 1; in charge of Ghana, Nigeria, and Tanzania
- 3) Daigo MAKIHARA: Promotion of Rice Development 2; in charge of Kenya and Uganda
- 4) Azusa MISHIMA: Aid Analysis (Work in Japan only)

Assignment schedule of the team members is shown below.

Expertise	Name (Affiliation)	2009				
		Feb.	Mar.	Apr.	May	June
Leader/Promotion of Rice Development	Takashi KIMIJIMA (RECS)	□□□□□□□□	■	□□□□□□□□	□□□□□□□□□□	□□□□□□□□
Promotion of Rice Development 1	Shuichi ASANUMA (Nagoya Univ.)	□□	■	□□□□□□□□	□□□□□□□□□□	□□□□□□□□
Promotion of Rice Development 2	Daigo MAKIHARA (Nagoya Univ.)	□□	■	□□□□□□□□	□□□□□□□□□□	□□□□□□□□
Analysis of Aid	Azusa MISHIMA (RECS)	□□□□□□□□	□□□□□□□□	□□□□□□□□	□□□□□□□□	□□□□□□□□
Time of Report Submission		△		△	△	△
		Inception Report		Field Report	Draft Final Report	Final Report

□□□ Work in Japan ■ Field work

Field work was conducted three experts during the period of 1.5 months from March 7 to April 21, 2009. Of the 12 countries studied, 11 countries except Sierra Leone were visited by any one of three experts to collect the information on rice related projects.

Itinerary of the consultants in the field work, contacted offices and persons, and collected data and information are attached to this report as Attachments 1, 2 and 3, respectively.

1.5 Organization of the Report

This report (the Final Report) is organized in the following manner. Background and objectives of the Study is described together with conducted works and an operational setup in Chapter 1. The Study results including socio-economy, rice development situation, classification of rice related projects, donors activities, donors' coordination, and relevance between NRDS and projects, are presented in Chapter 2. Chapter 3 presents recommendations on CARD process for effective and efficient support in the subsequent stages.

Country profiles, Profiles of rice related projects, and Project location maps are presented in Appendices.

Chapter 2 Results of the Study

2.1 Collected Data and Information

2.1.1 Country data and NRDS

Basic data on socio-economy, agriculture as well as rice supply and consumption in the target countries were collected through public information.

The National Rice Development Strategy (NRDS) showing the rice development policy, framework and strategy, prepared by the government of the target country was collected from each of the target countries through the Coalition for African Rice Development (CARD) secretariat.

These data are summarized by each country and prepared as “Country Profile Related to Rice” (the Country Profile), as shown in Appendix 1. From the Country Profile, the following is expected to be recognized:

- (a) Position of agricultural sector in the total economy of the country
- (b) Position of rice in the staple foods in the country
- (c) Change of rice production over the years (1997 – 2006)
- (d) Change of rice supply and consumption over the years (1994 – 2003)
- (e) Projection of rice production in the NRDS
- (f) Strategy for rice development in the NRDS

2.1.2 Profiles of rice related projects/programs and project maps

Information of rice related projects and programs were collected from public information, governments of the target countries, and country offices of donors in the respective target countries.

Project information collected includes:

- (a) Name of projects/programs
- (b) Location of projects/programs
- (c) Goal and purposes
- (d) Target beneficiaries (direct and secondary)
- (e) Project component (activities)
- (f) Expected results (outputs)
- (g) Inputs (human resources, machinery and equipment, etc.)
- (h) Sources of fund
- (i) Budget
- (j) Implementing agency
- (k) Status of the project (pipelined, approved, on-going, or completed after 2004)
- (l) Implementation duration (starting date to completion date)
- (m) Issues/problems

Collected information was compiled as project profiles by countries, as presented in Appendix 2. Location or coverage of the projects was indicated on the country maps, as shown in Appendix 3.

2.1.3 Categorization of the Projects

Total number of rice related projects collected is 267, of which 44 are found in Mali, followed by 37 in Madagascar, 29 in Senegal, 23 in Guinea, etc. Regional projects which cover multiple countries are 17.

The projects are classified into two categories: rice centered and other. Rice centered projects are defined as those which have the word 'rice', in their title, or the projects in which rice is the main crop (ex. irrigation projects aiming at rice production increase, post-harvest projects to improve quality of rice, etc.). The other projects are those having a rice component in their objectives or activities (ex. rural development projects including rice production, rural credit project for rice farmers, etc.). The number of rice centered projects and other projects are as shown below.

Number of the Rice Centered Projects and Other Projects

Country	Total number of rice related projects	Number of rice centered projects	Number of other projects	Share of rice centered projects (%)
Cameroon	11	6	5	55
Ghana	14	11	3	79
Guinea	23	18	5	78
Kenya	16	8	8	50
Madagascar	37	28	9	76
Mali	44	26	18	59
Mozambique	17	8	9	47
Nigeria	19	12	7	63
Senegal	29	18	11	62
Sierra Leone	14	8	6	57
Tanzania	9	7	2	78
Uganda	17	7	10	41
Regional (multiple)	17	12	5	71
Total	267	169	98	63

Some 63% of the total rice related projects, or 169 are rice centered. Especially in Ghana, Guinea, Madagascar and Tanzania, rice centered projects account for more than 75% of the total projects.

The number of rice related projects by countries and status is shown below.

Number of the Projects by Countries and Status

Country	Projects total	Pipeline or approved	On-going	Completed (after 2004)	Unknown
Cameroon	11	3	5	2	1
Ghana	14	2	7	5	0
Guinea	23	2	17	4	0
Kenya	16	3	10	3	0
Madagascar	37	2	25	10	0
Mali	44	2	25	17	0
Mozambique	17	5	8	4	0
Nigeria	19	2	12	5	0
Senegal	29	5	17	6	1
Sierra Leone	14	0	12	2	0
Tanzania	9	0	7	2	0
Uganda	17	1	10	6	0
Regional (multiple)	17	4	13	0	0
Total	267	31	168	66	2

Of the 267 project, 168 are on-going, 66 are completed, and 31 are in pipeline or approved. It should be noted that very few private sector led projects have been collected due to the limited information available.

The number of projects by type is shown below:

Country	Projects total	Project Type (multiple answers)				
		Grant	Loan	TCP/TA*	National Budget	Private
Cameroon	11	4	3	1	2	1
Ghana	14	6	5	4	0	0
Guinea	23	12	10	8	0	0
Kenya	16	4	8	4	0	0
Madagascar	37	23	11	4	3	0
Mali	44	21	21	3	9	0
Mozambique	17	8	7	5	0	1
Nigeria	19	13	5	0	2	0
Senegal	29	13	11	5	0	0
Sierra Leone	14	8	4	1	1	0
Tanzania	9	4	1	4	0	0
Uganda	17	5	6	7	0	0
Regional (multiple countries)	17	13	1	5	0	0
Total	267	134	93	51	17	2

Remarks: * TCP/TA: Technical Cooperation Projects/Technical Assistance

Of the 267 projects, 134 are grant, 93 are loan, 51 are technical cooperation project/technical assistance (TCP/TA), and 17 are national budget.

Usually rice related projects have various components. Field of activities which the projects cover is in the following.

Country	Projects total	Fields Covered by the Project (multiple answers)									
		Policy	R&D	Ext./ Training	Prod.	Mark't	Post-harvest	Irrig.	Credit	Seed	Others
Cameroon	11	0	1	5	5	2	0	3	0	2	2
Ghana	14	1	3	9	6	4	4	5	3	4	9
Guinea	23	2	7	9	20	4	6	13	4	8	16
Kenya	16	4	3	12	11	5	4	8	2	3	5
Madagascar	37	6	2	16	8	3	3	10	6	9	14
Mali	44	5	5	14	19	2	1	31	0	3	19
Mozambique	17	5	4	8	10	5	2	10	1	2	4
Nigeria	19	3	5	10	8	10	8	3	1	5	8
Senegal	29	7	5	16	8	7	6	12	5	3	10
Sierra Leone	14	0	4	8	6	3	3	0	1	2	3
Tanzania	9	1	4	4	3	2	1	7	1	2	3
Uganda	17	0	5	14	13	10	11	4	4	5	1
Regional (multiple countries)	18	2	9	11	7	3	3	4	2	2	5
Total	267	36	57	136	124	60	52	110	30	50	99

Remarks: Ext./Training: Extension/Training; Prod.: Production; Mark't: Market; Irrig.: Irrigation

More than half of the projects include Extension/Training in their activities. Production comes

next, followed by irrigation, Research and Development (R&D), marketing, post-harvest, seeds, etc.

Extension/Training is covered by most projects in Uganda and regional projects, while irrigation is included in the most projects in Mali, Tanzania, and Guinea. In Mali and Guinea, irrigation development is implemented as a part of integrated rural development projects.

Number of the Projects by Countries and Costs

Country	Projects total	Project costs (US\$1,000)					Un-known	Total costs* (million US\$)
		<500	<1,000	<5,000	<10,000	>10,000		
Cameroon	11	2	1	2	0	4	2	88
Ghana	14	3	0	7	1	3	0	92
Guinea	23	2	2	4	3	12	0	226
Kenya	16	3	3	1	1	8	0	403
Madagascar	37	11	0	4	5	15	2	683
Mali	44	0	4	4	10	23	3	644
Mozambique	17	2	0	2	0	8	5	233
Nigeria	19	4	0	3	1	10	1	1,116
Senegal	29	0	0	4	1	14	10	870
Sierra Leone	14	0	0	4	0	3	7	55
Tanzania	9	3	2	1	2	1	0	334
Uganda	17	3	0	4	1	8	1	414
Regional (multiple countries)	17	3	3	4	1	5	1	442
Total	267	36	15	44	26	114	32	5,600

Remarks: It does not necessarily mean 'costs', because it includes budget.

Total cost of the 235 projects of which costs are indicated is calculated at US\$5.6 billion. The cost is the largest in Nigeria with US\$1.1 billion in 18 projects, followed by Senegal with US\$870 million in 19 projects, Madagascar with US\$683 million in 35 projects, Mali with US\$644 million in 41 projects, etc. Nearly 40% of the total, or 114 projects are large scale with a cost of more than US\$10 million. On the contrary, 36 projects or 13% of the total are small scale with less than US\$500,000.

2.2 Description of the Surveyed Countries

2.2.1 Cameroon

(1) Socio-economy

Gross Domestic Product (GDP) of Cameroon in 2007 was estimated at US\$20.6 billion. GDP per capita in 2005 was US\$1,034, the highest among the surveyed country. The share of agriculture sector in the total GDP as of 2008 was estimated at 43.5%. Agricultural population rate in 2006 was 45.4%, showing relatively high productivity.

(2) Position of rice in the staple

Based on the FAOSTAT, domestic supply amount of rice in 2003 was 338 thousand ton, accounting for some 10% of total supply amount of staples with 3.29 million ton in dry matter basis. Import of rice in 2006 amounted 430 thousand ton with the value of US\$136.8 million, shared 41% of total import of staple foods (total of all cereals, tuber crops and bananas).

(3) Production of rice and supply-demand balance

During the period between 1998 and 2007, production of rice varied from 15.0 thousand ton to 40.6 thousand ton. On the other hand, rice imports increased from 135 thousand ton in 1998 to 430 thousand ton in 2006. Annual rice consumption per capita is calculated at 19.3 kilogram (kg) in 2003. As of 2003, self-sufficiency rate in rice is calculated at 12%.

(4) Rice cultivation environment

During 1970s and 1980s, rice production has been concentrated mainly in three large irrigation schemes operated by State authorities at that time: Société d'Exploitation et de Modernisation de la Riziculture de Yagoua (SEMRY) in the Extreme North region, Upper Noum Valley Development Authority (UNVDA) in the Northwest region, and Société de Développement de la Riziculture dans la plaine de Mbos (SODERIM) in the West region. However, due to economic crisis experienced in 1980s, all the authorities fell in financial crisis, which had resulted in the dissolution of SODERIM and reduction of the activities in the other two authorities.

Another area suitable for irrigated rice production is found in downstream of the Lagdo reservoir in the North province. Potential area for development is reported to be 40,000 hectare (ha), of which only some 1,000 ha has been actually developed. Both domestic and foreign private sectors have been interested in investing on this area for agricultural development.

There is a potential of upland rice cultivation in the western part of the Central province and the west province.

(5) Classification of rice related projects

There are 11 rice related projects in total. The projects are classified into two groups: rice centered projects and other rice related projects.

Classification of the Projects by Focus

Project Focus	Number of projects
Rice centered	6
Others	5
Total number of projects	11

There are 6 rice centered projects and 5 other projects

The rice related projects is classified by development status as shown below.

Classification of the Projects by Status

Project Status	Number of projects
Pipeline	3
Approved	0
On-going	5
Completed (after 2004)	2
Unknown	1
Total number of projects	11

There are 5 on-going projects, 3 in the pipeline, 2 completed, and one unknown.

The projects are classified by type, as shown below.

Classification of the Projects by Type (multiple answer)

Type of projects	Number of projects
Grant	4
Loan	3
TCP/TA	1
National budget	2
Unknown	1
Total number of projects	11

Of the 11 projects, 4 are grant projects, 3 are loan projects, one each of loan with national budget, TCP/TA, national budget only, and unknown.

The projects are also classified by fields covered as follows.

Classification of the Projects by Field (multiple answer)

Fields that project covers	Number of projects
Policy	0
R&D	1
Extension/Training	5
Production	5
Marketing	2
Post-harvest	0
Irrigation	3
Credit	0
Seed	2
Other	2
Total number of projects	11

Extension/Training and production fields are covered by 5 projects, followed by irrigation with 3 projects, marketing and seeds with 2 projects. There is no project dealing with post-harvest or credit.

The projects are classified by costs, and the result is shown as below. There are 4 projects with the cost larger than US\$ 10 million. Another 2 projects have cost of between US\$ 1 million and US\$ 5 million. There are 2 projects with less than US\$500,000.

Classification of the Projects by Costs

Project cost	Number of projects
<US\$500,000	2
<US\$1,000,000	1
<US\$5,000,000	2
<US\$10,000,000	0
>US\$10,000,000	4
Unknown	2
Number of projects counted	9
Total cost (US\$ equivalent)	88,000,000

Total costs of 9 projects amount to US\$ 88 million.

(6) Projects by major donors

Islamic Development Bank (IsDB) financed an irrigation project for rice production in the West region, and it is reported to be successful.

The World Bank is going to support rehabilitation of existing irrigation areas to regain rice production.

French Development Agency (Agence Française de Développement, AFD) is supporting to maintain soil fertility of cotton production area by rotating with rice.

International Fund for Agricultural Development (IFAD) is going to assist small scale producers of onion and rice in the Extreme North region.

European Commission (EC) has been assisting farmers groups in developing their capacities to improve their living conditions by increasing rural income.

Private Sectors both outside (Chinese, Egypt, etc.) and domestic Société agro-industrielle de la Benoué (SAIB) and Programme de relance de la banana plantain (PREBAP) are interested in investing on Lagdo area. SAIB is supported by the Embassy of the United States. However, there has been land tenure problem with local people.

Singapore based Olam International Ltd. also has interest on investing rice development.

Korean university is said to seek opportunity to start a technical cooperation program, and visited rice field under Upper Noun Valley Development Authority (UNVDA).

(7) Donors' coordination

Donors' coordination is active in Cameroon. EC is funding for the operation of the secretariat

which has been established in the United Nations Development Programme (UNDP) office. The coordination meeting on rural development sector is held every month to share the information on the projects and sector issues. French embassy chairs the meeting this year (2009).

(8) Gaps between NRDS and Rice Related Projects

Capacity of research and extension in rice is very weak. In the governmental research institute (Institute for Agricultural Research for Development (IRAD)), there are 15 researchers in rice including 7 senior researchers in the respective fields to cover five agro-ecological areas.

While NRDS expects to increase rice production mainly by promoting upland rice cultivation using New Rice for Africa (NERICA), adaptability trial or seed multiplication has yet been put in place. The research works by IRAD has been constrained by lack of finance for seed multiplication.

(9) Other issues

Main rice production areas such as Extreme North region and Northwest region are far from the main domestic markets including Yaoundé and Douala, which results in the increase in the price of domestic rice reflecting high marketing costs. Considerable portion of rice produced in these areas are marketed to the neighboring countries like Nigeria, Chad and The Central African Republic (CAR).

World Food Programme (WFP) showed high expectation on domestic rice production increase so that it could procure rice domestically for food aid to surrounding countries like Chad and CAR.

2.2.2 Ghana

(1) Socio-economy

GDP of Ghana in 2007 was US\$15.2 billion, and the GDP per capita in 2005 is US\$485. The share of agriculture sector in the total GDP as of 2006 is estimated at 37.3%. Agricultural population rate in 2006 is 54.8%.

(2) Position of rice in the staple

Based on the FAOSTAT, domestic supply amount of rice in 2003 is 490,400 ton, accounting for 6.6% of total supply amount of staples with 7,452,400 tons in dry matter basis. Self-sufficiency ratio in rice is calculated at 32.5%. Import value of rice in 2006 amounts US\$95.2 million, shares 36.4% of import of staple foods.

(3) Production of rice and supply-demand balance

During the period between 1998 and 2007, production of rice varied from 193.6 thousand tons to 287.0 thousand tons. On the other hand, during the same period, rice imports fluctuated between 69.1 thousand tons to 755 thousand tons, showing rather great annual fluctuation but increasing tendency. Annual rice consumption per capita is calculated at 21.0 kg in 2003. As of 2003, self-sufficiency rate of rice is calculated at 32.5%.

(4) Rice cultivation environment

Rice producers in Ghana are categorized by agro-ecologies namely: irrigated, rain fed lowland and rain fed upland. In general, the lowland rain fed system covers 78% of the arable area, the irrigated system covers 16% while the upland system covers 6%. On the average, 118 thousand ha are cropped to rice per year (Ghana Rice Inter- Professional Body (GRIB), Commodity Chain Study, Japan International Cooperation Agency (JICA) Study on the Promotion of Domestic Rice in Ghana). (Refer to NRDS-Draft, February 2009)

(5) Classification of rice related projects

There are 14 projects in total. The projects are classified to rice centered project and other project.

Classification of the Projects by Rice Related and Other Project

Project Focus	Number of projects
Rice centered	11
Others	3
Total number of projects	14

There are 11 rice centered projects and 3 other projects

The number of rice related projects collected in Ghana is 14, of which 5 are completed, 7 are on-going and 2 are approved, as shown below.

Classification of the Projects by Status

Project status	Number of projects
Pipeline	0
Approved	2
On-going	7
Completed (after 2004)	5
Unknown	0
Total number of projects	14

Of the 14 projects, 6 are grant, 5 are loan, and 4 are TCP/TA, as follows.

Classification of the Projects by Type (multiple answer)

Type of projects	Number of projects
Grant	6
Loan	5
TCP/TA	4
National budget	0
Unknown	0
Total number of projects	14

Extension/Training aspects are covered by 9 out of 14 projects. Production is covered by 6 projects. Post-harvest, marketing and seed aspects are covered by 4 projects, R&D, Post-harvest and credit aspects are covered by three projects. Other fields covered by 9 projects are mainly capacity development, similar to extension and training

Classification of the Projects by Field (multiple answer)

Fields that project covers	Number of projects
Policy	1
R&D	3
Extension/Training	9
Production	6
Marketing	4
Post-harvest	4
Irrigation	5
Credit	3
Seed	4
Other	9
Total number of projects	14

Total costs of 14 projects are estimated at US\$92 million. Half of the total projects are medium scale with the cost of between US\$1 million and US\$5 million. Small projects with the cost of less than US\$500,000 are 3, and large scale ones with more than US\$10 million are 3.

Classification of the Projects by Costs

Project cost	Number of projects
<US\$500,000	3
<US\$1,000,000	0
<US\$5,000,000	7
<US\$10,000,000	1
>US\$10,000,000	3
Unknown	0
Number of projects counted	14
Total cost (US\$ equivalent)	92,000,000

(6) Projects by major donors

AFD has been supporting the rice sector of Ghana since 1990s and a new project, Rice Sector Support Project, has just started and will last for 7 years until 2014. The project will continuously supports the GRIB an organization consisting of about 8,000 members who are farmers, millers, processors, marketers and brokers.

Food and Agriculture Organization of the United Nations (FAO) supported rice farmers under the Special Program for Food Security (SPFS), which was completed in 2007.

African Development Bank (AfDB) promotes the NEIRCA dissemination. It also supports rice cultivation through two development projects of inland valley swamp and of small-scale irrigation.

BADEA (Arab Bank for Economic Development in Africa) supports the small farms irrigation project which is similar to the small-scale irrigation development project of AfDB.

Alliance for a Green Revolution in Africa (AGRA) promotes rice seed production by supporting a private company in the Upper East, Upper West and Northern Regions.

JICA carried out the technical cooperation for promoting farmers' participation in irrigation management and studied the ways to promote domestic rice production in Ghana. Based on the results of the study, JICA has just approved a new technical cooperation project for sustainable development of rain-fed lowland rice production in Northern and Ashanti Regions.

Similarly, Japan International Research Center for Agricultural Sciences (JIRCAS) has started a project, trying to develop the improved infrastructure and technologies for rice production in the rain-fed lowland paddy fields.

(7) Donors' coordination

There is no donor coordination on the ground at the moment although several donors or implementing organizations, AfDB, JICA and JIRCAS, are supporting the same or similar aspects of rice sector development, small-scale paddy field development in the rain-fed lowland areas.

(8) Gaps between NRDS and rice related projects

Capacity development in all three categories, namely researchers, research technicians and extension officers is highly emphasized in the NRDS but there would be no concrete plan to secure such a development in the presently-operating rice-related projects

2.2.3 Guinea

(1) Socio-economy

Guinea's GDP in 2007 was US\$4.6 billion. The GDP per capita in 2005 was US\$350, and the contribution of the agriculture sector to the total GDP was estimated at 22.4% in 2008. The share of agricultural population in the total employment in 2006 is estimated at 81.5%, implying the very low productivity in agricultural sector.

(2) Position of rice in the staple

Domestic supply amount of rice (domestic production and import, milled equivalent) in 2003 is 786.6 thousand tons, accounting for 46% of total staple food supply of 1.7 million ton on dry matter basis. Import of milled rice in 2006 is 195.6 thousand ton with US\$ 50 million, which shares 43.5% of the total value of staple food import.

(3) Production of rice and supply-demand balance

According to FAOSTAT, rice production in Guinea increased from 1.05 million ton in 1998 to 1.14 million ton in 2000, then decreased to 1.03 million ton in 2001, and increased again to 1.40 million ton in 2007. Meanwhile, rice import fluctuated ranging from 166 thousand ton in 1998 to 357 thousand ton in 2002. Annual rice consumption per capita in 2003 is 73.5 kg.

Self-sufficiency ratio in rice in the same year is calculated at 76.3%.

(4) Rice cultivation environment

Rice in Guinea is broadly cultivated in four agro-ecological conditions: (i) alluvial plain, (ii) mangrove, (iii) bas-fonds, and (iv) upland. Upland rice is the most popular in the Country. It shares 65% of the total rice cultivation area or 541 thousand ha as of 2008, and produces 595 thousand tons or nearly 50% of the total production. Upland rice is grown under slash and burn cultivation system. Mangrove swamp comes next with 133 thousand ha and 333 thousand ton, followed by bas-fonds and alluvial plain.

(5) Classification of rice related projects

There are 23 projects in total. The projects are classified to rice centered project and other project.

Classification of the Projects by Rice Related and Other Project

Project Focus	Number of projects
Rice centered	15
Others	8
Total number of projects	23

There are 15 rice centered projects and 8 other projects

Of the 23 rice related projects identified, 17 are on-going, 4 are completed and 2 are going to be implemented, as shown below.

Classification of the Projects by Status

Project status	Number of projects
Pipeline	0
Approved	2
On-going	17
Completed (after 2004)	4
Unknown	0
Total number of projects	23

There are 12 grant projects of which 6 are with TCP/TA, 10 loan projects of which one with one TCP/TA, and one TCP/TA,

Classification of the Projects by Type (multiple answer)

Type of projects	Number of projects
Grant	12
Loan	10
TCP/TA	8
National budget	0
Unknown	0
Total number of projects	23

Most of the projects cover the field of production. As many projects in Guinea are of integrated rural development, not only rice related components like irrigation, extension/training, post-harvest, etc., but also other components such as socio-economic infrastructure are included in the projects.

Classification of the Projects by Field (multiple answer)

Fields that project covers	Number of projects
Policy	2
R&D	7
Extension/Training	9
Production	20
Marketing	4
Post-harvest	6
Irrigation	13
Credit	4
Seed	8
Other	16
Total number of projects	23

Total cost of the 23 projects amount US\$226 million. More than half of the projects cost more than US\$ 10 million.

Classification of the Projects by Costs

<u>Project cost</u>	<u>Number of projects</u>
<US\$500,000	2
<US\$1,000,000	2
<US\$5,000,000	4
<US\$10,000,000	3
>US\$10,000,000	12
Unknown	0
<u>Number of projects counted</u>	<u>23</u>
<u>Total cost (US\$ equivalent)</u>	<u>226,000,000</u>

(6) Projects by major donors

IsDB assists Guinea in developing rural infrastructure including irrigation system.

AfDB supports the Country in NERICA seed multiplication as well as rural development in upper Guinea.

IFAD is implementing rural development or agricultural development projects for small scale farmers in remote areas.

AFD, after supporting Forest Guinea region, is assisting farmers in developing mangrove areas involving wide range of players.

FAO, financed by Italy and South Africa, is going to implement two agricultural development projects in Lower Guinea region. It also is implementing an irrigation improvement project in Middle Guinea region.

WFP is supporting the rural people in Forest Guinea region, who have been affected by refugees flowed into their area from neighboring countries, in restoring their living environment by community development including agricultural development using 'food-for-work' scheme. Japanese Government is assisting the WFP's program by sending a NERICA cultivation expert in developing capacity of the farmers on upland rice production.

JICA has been conducting a development study in Middle and Upper Guinea regions to propose a rural development plan including rice production.

Foreign private sectors from South Africa, China, Malaysia, Libya, Egypt, etc., are interested in investing on rice production. Although detailed information on this movement is not available, the Ministry of Agriculture, Livestock, Water and Forests (MAEEF) established an office to deal with private sector investment.

(7) Donors' coordination

As described above, Japanese Government and WFP is working together in Forest Guinea region to improve the living conditions of the rural people who had been adversely affected by the refugees fled from the neighboring countries such as Liberia, Sierra Leone, and Côte d'Ivoire, due to civil wars.

JICA is communicating with FAO for irrigation development in Middle Guinea region.

(8) Gaps between NRDS and rice related projects

Although NRDS expects upland agro-ecology to lead rice production increase to realize the targeted production, no development activities have been put in place for upland. Only the NERICA seed project has been implemented supported by AfDB. While modest yield increase is anticipated for upland rice, area expansion with 300,000 ha is expected.

Mangrove development is reported to be successful under the support by AFD. However, 90,000 ha of development within 10 years period seem not realistic.

Rice production in alluvial plain will be increased by through irrigation development, especially in the Niger river basin, in the Upper Guinea region. Yield projection, expected to double from 1.5 ton/ha in 2008 to 3.26 ton/ha in 2018, looks optimistic.

(9) Other issues

Trend of foreign private sector investment should be watched carefully. Certain mechanism or regulation should be established so that the local people or the country would not be spoiled.

2.2.4 Kenya

(1) Socio-economy

Kenya's GDP in 2007 was US\$29.5 billion and per capita GDP in 2005 was US\$ 547. The share of agriculture sector in the total GDP as of 2007 is estimated at 23.8%. 72.6% of the total economically active population is absorbed by agricultural sector.

(2) Position of rice in the staple

Based on the FAOSTAT, domestic supply amount of rice in 2003 is 226 thousand ton, accounting for some 4.3% of total supply amount of staples with 5.26 million ton in dry matter basis. Self-sufficiency ratio in rice is calculated at 12.0%. Import value of rice in 2006 amounts US\$ 63 million, shares 18.4% of import of staple foods.

(3) Production of rice and supply-demand balance

In Kenya, acreage under rice cultivation has increased yearly. In 1998, it was 8.6 thousand ha and reaching 18.5 thousand ha in 2007. The average yield during 1998 and 2007 is 3.8 ton/ha that is relatively higher than the neighboring countries. The highest yield, 4.8 ton/ha was recorded in 1998. National production of rice has increased constantly. In 1998, annual production as paddy was 41.8 thousand tons and reaching 66.0 thousand ton in 2007. However, the increase of rice production was not enough to meet the demand of domestic rice market. The annual rice consumption per capita has increased very rapidly. In 1994, it was 1.8 kg and reaching 6.6 kg in 2003.

(4) Rice cultivation environment

In Kenya, about 80% of rice is produced in the irrigation schemes established by the government. The rest of the rice is produced under rain-fed conditions and in water logged lowlands around the Indian Ocean coastal area and the Lake Victoria basin. The major irrigation schemes for rice production are Mwea, Ahero, Bunyala and West Kano, Irrigation Schemes. Lower Nzoia Irrigation Scheme is under development for rice production. Rice can be produced in the Hola (Tana) and Bura Irrigation Schemes as well. The estimated potential area for irrigation in Kenya is 200,000 to 500,000 ha.

(5) Classification of rice related projects

There are 16 rice related projects in total. The projects are classified to rice centered project and other project.

Classification of the Projects by Rice Related and Other Project

Project Focus	Number of projects
Rice centered	8
Others	8
Total number of projects	16

There are 8 rice centered projects and 8 other projects

There were 16 rice-related projects, including 10 ongoing, 3 completed, 2 approved and one pipeline project.

Classification of the Projects by Status

Project status	Number of projects
Pipeline	1
Approved	2
On-going	10
Completed (after 2004)	3
Unknown	0
Total number of projects	16

Of the 16 projects, 8 are loan, 4 are grant and TCP/TA, as shown below.

Classification of the Projects by Type (multiple answer)

Type of projects	Number of projects
Grant	4
Loan	8
TCP/TA	4
National budget	0
Unknown	0
Total number of projects	16

Extension/training is dealt with by 12 projects followed by production by 11 projects, irrigation by 8, marketing by 5, post-harvest and policy by 4 projects respectively.

Classification of the Projects by Field (multiple answer)

Fields that project covers	Number of projects
Policy	4
R&D	3
Extension/Training	12
Production	11
Marketing	5
Post-harvest	4
Irrigation	8
Credit	2
Seed	3
Other	5
Total number of projects	16

Total cost of the 16 rice related projects are estimated at US\$403 million. The number of project with the cost of US\$10 million is 8, and that with less than US\$500 thousand is 3.

Classification of the Projects by Costs

<u>Project cost</u>	<u>Number of projects</u>
<US\$500,000	3
<US\$1,000,000	3
<US\$5,000,000	1
<US\$10,000,000	1
>US\$10,000,000	8
Unknown	0
<u>Number of projects counted</u>	<u>16</u>
<u>Total cost (US\$ equivalent)</u>	<u>403,000,000</u>

(6) Projects by major donors

In Kenya, 15 donor organizations were identified, which have been involved in rice-related project.

Of the 16 rice related projects, 4 were rice specific projects, 5 were mainly aimed at improvement of irrigation facilities, and 7 were projects that include rice-related components.

The rice-specific projects are funded either by the Rockefeller Foundation, FAO or JICA (for two projects). Two projects, each of which are supported by the Rockefeller Foundation and JICA, are to evaluate adaptability of NERICA varieties in different agro-ecologies in Kenya. JICA is going to dispatch a “Rice promotion expert” under a technical cooperation program.

FAO is supporting rice growers under the framework of the “FAO’s Initiative on Soaring Food Prices”. The components of FAO’s project include provision of agricultural inputs such as fertilizer, seeds etc., microcredit, training of farmers, marketing of farmers produce, and value-chain study.

The 5 projects aiming at improving irrigation facilities were supported by BADEA, Organization of the Petroleum Exporting Countries (OPEC) Fund for International Development (OFID), the Saudi Fund and the Kuwait Fund for Development (KFD), the World Bank and JICA.

BADEA assists two existing irrigation schemes under the National Irrigation Board (NIB) in rehabilitating and extending the irrigation facilities to increase crop production including rice.

JICA is also supporting an existing irrigation scheme under NIB for enabling double cropping and area extension by augmenting irrigation water through the construction of a dam.

Natural Resources Management Project supported by the World Bank has an irrigation component, under which 5 existing irrigation schemes are to be rehabilitated and a new development is to be realized.

EC is supporting the farmers and extension workers at the irrigated areas in arid land area through NERICA cultivation trials and training.

(7) Donors’ coordination

With regard to rice-related projects in Kenya, there had been no donors’ coordination so far.

(8) Gaps between NRDS and rice related projects

Kenya's NRDS plans to almost double the acreage under rice cultivation in irrigated lowland, rain-fed lowland and rain-fed upland respectively, and then increase rice production by 2.5 times. However, there are few projects concerning rice dissemination under rain-fed conditions outside the irrigation schemes. Although the NRDS emphasizes importance of seed multiplication, presently there is no project on strengthening seed multiplication system for rice in Kenya.

(9) Other issues

In Kenya, rice used to be a matter mainly handled by NIB, the Mwea Irrigation Agricultural Development (MIAD) Centre. However, with the growing importance of rice in the country, national institutions concerned with the rice sector discussed rearranging the role of each institution in the rice sector. Kenya Agricultural Research Institute (KARI) in collaboration with relevant institutions takes charge of research on rice. NIB takes charge of irrigation services such as operation and maintenance of irrigation infrastructure. NIB will conduct rice-related operation research. The MIAD Centre in collaboration with the MOA takes charge of agricultural extension works in the Mwea Irrigation Scheme. The Ministry of Water and Irrigation takes charge of policy and regulation for water. MOA takes charge of agricultural services including extension works, marketing etc.

Dominion Farm LTD which is an American private firm is producing rice in Yala Swamp at the Lake Victoria basin.

2.2.5 Madagascar

(1) Socio-economy

Madagascar's GDP in 2007 was US\$7.3 billion. In 2005, GDP per capita was US\$271. The agricultural GDP share in the total GDP in 2008 is estimated at 26%. Agriculture sector absorbs more than 70 % of the total employment in 2006.

(2) Position of rice in the staple

Rice is the most important staple food in Madagascar. Including imports, domestic supply of rice in 2003 is 2.12 million ton, accounting for 61% of the total domestic supply of staple food in dry matter basis. Rice import amount in 2006 is 155 thousand ton with US\$45.8 million, which shares 46% of the total import value of staple food.

(3) Production of rice and supply-demand balance

During the last ten years from 1998 to 2007, rice production increased from 2.45 million ton to 3.60 million ton. This production increase has been attained mainly due to yield improvement. In 2003, self-sufficiency ratio in rice is calculated at 88%.

(4) Rice cultivation environment

Being the most important staple, rice is cultivated in all over the country under rainfed lowland, upland or irrigated conditions. Most rice is cultivated under rainfed condition. Paddy fields with bunds (or embankment) have developed along rivers as well as on hillside in terrace. Large and small scale irrigation systems have been developed since colonial era. Due to intensive rainfall and fragile geological formation, floods with soil erosion have caused serious problem on irrigation system.

(5) Classification of rice related projects

There are 37 projects in total. The projects are classified to rice centered project and other project.

Classification of the Projects by Rice Related and Other Project

<u>Project Focus</u>	<u>Number of projects</u>
Rice centered	28
Others	9
<u>Total number of projects</u>	<u>37</u>

There are 28 rice centered projects and 9 other projects

Of the 37 projects collected, 25 are on-going, 10 are completed, and 2 are in pipeline or approved, as shown below.

Classification of the Projects by Status

Project status	Number of projects
Pipeline	1
Approved	1
On-going	25
Completed (after 2004)	10
Unknown	0
Total number of projects	37

Of the total, grant projects are 23, loan projects are 11, TCP/TA projects are 4, and projects with national budget are 3, as shown below.

Classification of the Projects by Type (multiple answer)

Type of projects	Number of projects
Grant	23
Loan	11
TCP/TA	4
National budget	3
Unknown	0
Total number of projects	37

Extension/training are covered by 16 projects, 10 projects include irrigation, and 9 projects deal with seed. Reflecting the geographical and geological characteristics of the country, watershed management or erosion control aspects is dealt with in connection with irrigation development.

Classification of the Projects by Field (multiple answer)

Fields that project covers	Number of projects
Policy	6
R&D	2
Extension/Training	16
Production	8
Marketing	3
Post-harvest	3
Irrigation	10
Credit	6
Seed	9
Other	14
Total number of projects	37

The rice related projects in Madagascar are characterized by relatively many small scale projects with the cost of less than US\$500 thousand. Some 30% of the total project or 11 are small in scale, as shown below.

Large scale projects with the cost of US\$10 million are 15, 5 projects are between US\$5 million and US\$10 million, and 4 projects are between US\$1 million and US\$5 million. The total project costs of 35 projects amount to US\$683 million.

Classification of the Projects by Costs

<u>Project cost</u>	<u>Number of projects</u>
<US\$500,000	11
<US\$1,000,000	0
<US\$5,000,000	4
<US\$10,000,000	5
>US\$10,000,000	15
Unknown	2
<u>Number of projects counted</u>	<u>35</u>
<u>Total cost (US\$ equivalent)</u>	<u>683,000,000</u>

(6) Projects by major donors

IFAD has been assisting smallholder farmers in improving their livelihood by providing training for capacity development. Training deals with agricultural production including rice, group activities, professionalization, credit, marketing, etc. Through the activities, it is expected to develop the capacity of local government as well as local community people.

The World Bank has been supporting decentralization process through rural development project by providing fund for small projects planned and implemented by rural community people. Many of the small projects planned by the community people were irrigation and rice cultivation.

The World Bank together with AFD has started watershed management and irrigation project to sustain irrigation systems in the watershed of major irrigation areas with the components of irrigation development, development of commercial agriculture, and watershed management.

The World Bank and AFD also provide financial support to maintain the function of the Rice Platform which was established in 2005 to stabilize rice supply by exchanging market information.

AFD has been investing on irrigation projects in the Lake Alaotra area, and now concentrating its support to the southeastern part of the watershed to sustain the irrigation scheme located in the downstream area through strengthening of the capacity of water users groups in maintaining of the irrigation structures including canals and improving water management practices by collecting water fee.

AfDB has two irrigation projects in the southwestern part of the Country to increase rice production in the area.

Millennium Challenge Account (MCA) Grant of the United States is supporting rural people to raise income by bringing them to market economy. It is supporting to modernize land tenure system by furnishing modern land registration and titling system, together with EC.

FAO is supporting rice farmers by distributing rice seed and also establishing better seed sub-sector for multiplication and utilization of improved seed.

EC, together with IFAD, has supported farmers' organization to increase income of rural families by providing entrepreneurship training and agricultural training. It has established Agricultural

Service Center to serve as a place to providing various agricultural services in 110 locations nationwide.

EC is also providing financial support to the Rice observatory which was established in 2005 for providing information on rice price of 108 places in the country periodically through internet.

JICA has been extending various types of cooperation for the rice sector of Madagascar. It dispatches an agricultural advisor to the Ministry of Agriculture, Livestock and Fisheries (MAEP) in policy formulation and planning, extends technical cooperation to increase rice yield in the central high plateau area, provided a grant for fertilizer purchase using KR II counterpart fund, conducted a development study on agricultural and forestry development project in the Lake Alaotra region, and provided two grant in aid projects: one for agro-machinery center rehabilitation, and the other for irrigation rehabilitation of PC23 of the Lake Alaotra region.

Germany is providing technical assistance on erosion control in the watershed area to protect irrigation system.

Non-governmental Organization (NGO)'s are active in the rice sector in Madagascar. Aga Khan Foundation (AKF) is implementing integrated rural development project to increase rice productivity through the introduction of SRI (Système de Riziculture Intensive) and increase competitiveness of value chain of rice.

Catholic Relief Services (CRS) is supporting poor farmers affected by cyclones and food crisis by extending agricultural technical support to recover the rice production.

Better U Foundation is promoting SRI by providing technical assistance and equipment.

(7) Donors' coordination

Donors' coordination in the rural development sector is very active in Madagascar. Donors are organized themselves and meet together to exchange information when necessary.

JICA and AFD are co-operating each other in their projects by exchanging expertise under their own projects to augment the capacity.

FAO's seed multiplication support projects are cooperated with JICA and AFD.

IFAD supported, under its project, the construction of Agricultural Service Centers which has been constructed under an EC project.

(8) Gaps between NRDS and rice related projects

NRDS is not available so far.

2.2.6 Mali

(1) Socio-economy

GDP of Mali in 2007 was US\$6.8 billion, and per capita GDP in 2005 was US\$392. Agricultural sector's contribution to the total GDP in 2001 is estimated at 45%. Agricultural sector absorbs some 54% of the total employment in 2006.

(2) Position of rice in the staple

Domestic supply amount (domestic production plus import) of rice in 2003 is 737.1 thousand ton, accounting for 26.5% of total domestic supply of staple food with 2.78 million ton. Import amount of rice in 2006 was 174 thousand ton with US\$45.5 million, which shared 28.9% of total staple import value.

(3) Production of rice and supply-demand balance

During the last ten years from 1998 to 2007, paddy production fluctuated between 718 thousand ton and 1.05 million ton. Sharp drop in rice production experienced in 2004 was accompanied with yield reduction, while the maximum production attained in 2006 was attributed to yield increase. Import of rice was also fluctuated during the same period, but the increase and decrease do not necessarily correspond to the fluctuation pattern of rice production. Domestic supply of rice increased from 304 thousand ton in 1994 to 737 thousand ton in 2003. Per capita annual consumption of rice is estimated at 61 kg in 2003, nearly doubled since 1994.

(4) Rice cultivation environment

Rice in Mali is grown mainly under three agro-ecological conditions: upland, alluvial plain along rivers and inland valley swamp (bas-fonds). Upland rice cultivation can be seen in the southwestern part of the Country near the border of Guinea, under the Sudanese-Guinean climate zone with an annual rainfall of more than 1,200 mm. Rice is also grown in alluvial plain of the Niger river and its tributaries under Sudan climate zone with an annual rainfall of 600 mm to 1,200 mm. It is grown under irrigated or rainfed condition. Another rice growing environment is bas-fonds where water is settled for certain period of time.

Irrigation is divided, with its development level, into several categories: Total water control (Maîtrise total de l'eau); Controlled flood (Submersion contrôlée); and Improved inland valley swamp (Bas-fond aménagé).

Spatial distribution of rice growing area by agro-ecologies is in the following:

- (a) Upland rice: Sikasso, Kayé, and Kourikoro
- (b) Alluvial plain: Ségou, Mopti, Tombouctou
- (c) Bas-fond: Ségou, Sikasso, Kourikoro, Mopti, Tombouctou, Gao

(5) Classification of rice related projects

There are 44 projects in total. The projects are classified to rice centered project and other project.

Classification of the Projects by Rice Related and Other Project

Project Focus	Number of projects
Rice centered	26
Others	18
Total number of projects	44

There are 26 rice centered projects and 18 other projects

The number of rice related projects in Mali is 44, of which 17 are completed, 25 are on-going, and one each is in pipeline and approved, respectively, as shown below.

Classification of the Projects by Status

Project status	Number of projects
Pipeline	1
Approved	1
On-going	25
Completed (after 2004)	17
Unknown	0
Total number of projects	44

Of the 44 rice related projects, 21 are grant of which 2 are accompanied with TCP/TA and 8 with loan. The total number of loan project is 21 and TCP/TA is 3.

Classification of the Projects by Type (multiple answer)

Type of projects	Number of projects
Grant	21
Loan	21
TCP/TA	3
National budget	9
Unknown	0
Total number of projects	44

There are 9 projects that are funded by national budget implemented by sole national budget.

About 75% of the projects or 31 have a component of irrigation or water control, followed by 19 with production, 14 with extension/training as shown below.

Classification of the Projects by Field (multiple answer)

Fields that project covers	Number of projects
Policy	5
R&D	5
Extension/training	14
Production	19
Marketing	2
Post-harvest	1
Irrigation	31
Credit	0
Seed	3
Other	19
Total number of projects	44

Marketing aspect is dealt with by only 2 projects, and post-harvest by only one. Other fields covered by 15 projects include socio-economic infrastructure, plant protection, agro-forestry, etc.

Total costs of the 41 projects for which cost data is obtained are calculated at around US\$644 million. Reflecting many projects with the irrigation component, cost of the individual project is generally high. The number of projects with a cost of more than US\$10 million is 23, and that with the cost between US\$5 million and US\$10 million is 10. Those projects with the cost between US\$500 thousand and US\$5 million are 8.

Classification of the Projects by Costs

Project cost	Number of projects
<US\$500,000	0
<US\$1,000,000	4
<US\$5,000,000	4
<US\$10,000,000	10
>US\$10,000,000	23
Unknown	3
Number of projects counted	41
Total cost (US\$ equivalent)	644,000,000

(6) Projects by major donors

AfDB has been supporting seed subsector and irrigation development in 9 projects.

IsDB has been implementing 4 rural development projects in which irrigation systems development was included for crop production increase especially rice.

BADEA is assisting remote rural people in developing irrigation and agriculture in 2 projects.

IFAD is supporting rural people living in vulnerable Sahel area by furnishing agricultural and rural infrastructure in 2 projects.

EC is supporting Office du Niger by developing irrigation system for rice production within the Office’s territory as well as strengthening rice research activities involving farmers.

The World Bank supports rural infrastructure development including irrigation system with Netherland and the Government of Mali. It also assisted Mali in controlling traveling cricket. It also help regional rice research to contribute to the increase in rice productivity by establishing national center of excellence for rice and developing and diffusing rice production technique.

United States Agency for International Development (USAID) is implementing a project to support economic growth by agricultural development, market development, irrigation development, etc.

FAO supports small rice producers by training on irrigated rice production through SPFS.

Other donors like KfW, Luxemburg, AFD, Danish International Development Cooperation Agency (DANIA), Saudi Arabian Fund, Kuwait Fund, etc. are also supporting agricultural sector by implementing irrigation projects for rice production.

(7) Donors' coordination

Financial Partners Group (PTF) in agriculture/agricultural economy sector is divided into five sub-groups: (i) Office du Niger (chaired by Netherland), (ii) Food security (chaired by WFP), (iii) Irrigation (chaired by Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ)), (iv) Livestock and fishery (chaired by Belgium), and (v) Cotton (chaired by AFD).

Currently PTF cooperate with the Government of Mali in preparing National Agricultural Investment Program.

European Union (EU), the World Bank, Germany are planning to support agriculture sector through program loan (general budget support), and a common basket type support is being tested in Office du Niger.

At present, each donor agency implement its own project, joint activity is seen in forming joint evaluation mission.

Sector program loan was supported by Denmark, Sweden, Canada, EU, Netherland, etc.

(8) Gaps between NRDS and rice related projects

In NRDS, aside from irrigated rice production, upland rice production is projected to increase by 500,000 ton in 10 years, with the area increase by 100,000 ha and yield increase by one ton/ha.. However, there is no on-going or pipeline project for upland rice development except NERICA seed multiplication.

(9) Other issues

Libya and China are interested in investing on irrigation development for rice production within the area under Office du Niger.

2.2.7 Mozambique

(1) Socio-economy

Mozambique’s GDP in 2007 was US\$7.7 billion, and per capita GDP in 2005 was US\$335. The agricultural sector contribution to the total GDP in 2008 was estimated at 23.4%, while the sector absorbs 75% of total employment in 2006.

(2) Position of rice in the staple

Domestic supply amount of rice in 2003 was 297 thousand ton, accounting for 6.8% of the total domestic supply of staples. Import amount of rice in 2006 was 382 thousand ton with US\$96.3 million, which shared some 30% of the total import value of staples.

(3) Production of rice and supply-demand balance

During the last 10 years from 1998 to 2007, paddy production has been stagnant. It was 191 thousand ton in 1998 while 196 thousand ton in 2007. Except for the two years of 2001 and 2002, when the production drastically decreased after the devastating flood in 2000, the production has remained almost constant. In the mean time, import of rice has increased steadily since 2001. While self-sufficiency ratio in rice in 2003 was 45%, it must be lowered drastically in recent years. Per capita annual consumption of rice in 2003 was 16 kg, and it has been increasing year by year recently.

(4) Rice cultivation environment

Rice is widely cultivated in the lower reach of many rivers under rainfed conditions utilizing seasonal flood. The rainfed lowlands accounts for 90% of the total rice area and are located in the Sofala, Zambezia, Nampula and Cabo Delgado provinces.

Yield of rice have been stagnant between 0.8 and 1.2 ton/ha as paddy, which is reported to be attributed to poor crop management especially land preparation, unavailable quality seeds, inadequate weed control, high post harvest losses, etc.

(5) Classification of rice related projects

There are 17 projects identified in Mozambique. The projects are classified to rice centered project and other project.

Classification of the Projects by Rice Related and Other Project

Project Focus	Number of projects
Rice centered	8
Others	9
Total number of projects	17

There are 8 rice centered projects and 9 other projects

Of the 17 rice related projects identified, 4 are completed, 8 are on-going, 3 are approved and 2 are in pipeline, as shown below.

Classification of the Projects by Status

Project status	Number of projects
Pipeline	2
Approved	3
On-going	8
Completed (after 2004)	4
Unknown	0
Total number of projects	17

There are 8 grant projects of which 3 are with loan. Loan projects are 7, of which 3 are with TCP/TA. TCP/TA is 5. There is one private project for commercial rice production under irrigation.

Classification of the Projects by Type (multiple answer)

Type of projects	Number of projects
Grant	8
Loan	7
TCP/TA	5
National budget	0
Private	1
Total number of projects	17

Irrigation and production fields are covered by 10 projects, while 8 projects cover extension/training, as seen in the table below. Marketing and policy is taken up by 5 projects, and R&D is covered by 4 projects. Post-harvest is dealt with by only 2 projects, and credit by one project only.

Classification of the Projects by Field (multiple answer)

Fields that project covers	Number of projects
Policy	5
R&D	4
Extension/Training	8
Production	10
Marketing	5
Post-harvest	2
Irrigation	10
Credit	1
Seed	2
Other	4
Total number of projects	17

Total project costs for 12 projects of which cost is known is US\$233 million, as shown below. Two-thirds of the projects counted have the costs more than US\$10 million, and 2 are small with the cost of less than US\$500,000. The remaining 2 projects are medium scale with between US\$ 1 million and US\$5 million.

Classification of the Projects by Costs

<u>Project cost</u>	<u>Number of projects</u>
<US\$500,000	2
<US\$1,000,000	0
<US\$5,000,000	2
<US\$10,000,000	0
>US\$10,000,000	8
Unknown	5
<u>Number of projects counted</u>	<u>12</u>
<u>Total cost (US\$ equivalent)</u>	<u>233,000,000</u>

(6) Projects by major donors

AfDB is supporting smallholder farmers by developing small scale irrigation. It also rehabilitated an irrigation scheme as well as a dam and reservoir in the upstream area which were damaged with devastating flood occurred in 2000.

The World Bank has been assisting rural farmers and private entrepreneurs related to the rice sector in improving their livelihood by developing their capacity and value chain through irrigated agriculture promotion.

EC is supporting rural farmers in the southern area where drought is a problem by rehabilitating small water infrastructure and developing capacity of government staff and farmers.

EC, together with IFAD, Ireland, Canada, Sweden, Finland, Austria, and Denmark, has been assisting the Government of Mozambique in implementing agriculture sector development through common basket fund, to develop ownership of Mozambique Government and strengthening of its planning and institutional capacity.

Swedish International Development Agency (SIDA) has been implementing basin-wide water development including irrigation, at a trans-boundary river basin.

Italian Government assisted the Government of Mozambique in developing national rice development strategy, which identified four rice clusters as priority for rice production. It also supported rice farmers by developing irrigation and providing training on production and marketing.

JICA is supporting rice farmers to increase the productivity by transferring new crop management technique under irrigation. It is planning to start a new technical cooperation project to promote rice production under rainfed condition through capacity development with Vietnamese experts.

International Rice Research Institute (IRRI) has established an office to cover east and southern African region. It is going to promote rice production in Mozambique through new variety development, training and small mechanization.

(7) Donors' coordination

Donors' coordination is said to be advanced. They all respect the decision made by the Government of Mozambique regarding the development location, component, and costs as well.

Donors gather periodically to share information.

Currently, the Government of Mozambique, in collaboration with donor agencies like EU, the World Bank, FAO, IRRI, etc., is preparing the irrigation development strategy paper under the financial support of EC.

(8) Gaps between NRDS and rice related projects

Currently on-going projects and planned projects are found in Beira, Xai-xai and Quelimane clusters not in Nampula cluster. Both human and financial resources may be constraints to develop four clusters at once.

2.2.8 Nigeria

(1) Socio-economy

GDP of Nigeria in 2007 was US\$166 billion, and per capita GDP in 2005 was US\$752. The share of agriculture sector in the total GDP as of 2008 is estimated at 18.0%. Agricultural population rate in 2006 is 28.1%, showing rather low productivity.

(2) Position of rice in the staple

Based on the FAOSTAT, domestic supply amount of rice in 2003 is 3.85 million ton, accounting for 8.8% of total supply amount of staples with 43.6 million tons in dry matter basis. Self-sufficiency ratio in rice is calculated at 58.4%. Import value of rice in 2006 amounts US\$295.6 million, shares 18.4% of import of staple foods.

(3) Production of rice and supply-demand balance

During the period between 1998 and 2007, production of rice varied from 2.75 million ton to 4.68 million ton, showing annual fluctuation but with increasing tendency. On the other hand, during the same period, annual amount of rice import fluctuated much between 594 thousand ton and 1.77 million ton. Annual rice consumption per capita is calculated at 25.9 kg in 2003. As of 2003, self-sufficiency rate of rice is calculated at 58.4%.

(4) Rice cultivation environment

Nigeria has a land area of 923,768 km² with a total of 79 million ha of cultivable land. An estimated 4.9 million ha of this land is suitable for rice production but only about 1.8 million ha or 37% is currently utilized for rice cultivation. Nigeria possesses huge untapped potential for irrigated rice development. There is an estimated 3.14 million ha of irrigable land out of which less than 800 thousand ha is currently under irrigation.

Nigeria has large irrigation schemes in Niger, Sokoto, Kebbi, Borno, Katsina, Taraba, Zamfara, Bauchi, Jigawa, Ebonyi, and Benue States. Rice yields in these schemes is between 3.0 ton/ha and 3.5 ton/ha compared to the potential of 7 ton/ha to 9 ton/ha. Therefore, in terms of geographic priorities, emphasis will be put primarily on States mentioned above North Central Nigeria for irrigated and rain-fed lowland rice development. (Refer to NRDS-Draft, March 2009)

(5) Classification of rice related projects

There are 19 projects identified in Nigeria. The projects are classified to rice centered project and other project.

Classification of the Projects by Rice Related and Other Project

Project Focus	Number of projects
Rice centered	12
Others	7
Total number of projects	19

There are 11 rice centered projects and 8 other projects

Total number of rice related projects identified in Nigeria is 19, of which 12 are on-going, 5 are completed and 2 are approved.

Classification of the Projects by Status

Project status	Number of projects
Pipeline	0
Approved	2
On-going	12
Completed (after 2004)	5
Unknown	0
Total number of projects	19

Of the 19 rice related projects, 13 are grant projects, and 5 are loan projects. one grant project has TCP/TA portion.

Classification of the Projects by Type (multiple answer)

Type of projects	Number of projects
Grant	13
Loan	5
TCP/TA	0
National budget	2
Unknown	0
Total number of projects	19

Extension/training fields and marketing are covered by 10 projects, followed by production and 8 projects each for production and post-harvest, 5 projects each for R&D and seed, 3 projects each for policy and irrigation and one project for credit.

Classification of the Projects by Field (multiple answer)

Fields that project covers	Number of projects
Policy	3
R&D	5
Extension/Training	10
Production	8
Marketing	10
Post-harvest	8
Irrigation	3
Credit	1
Seed	5
Other	8
Total number of projects	19

Total cost of 18 rice related projects is estimated at US\$1.1 billion. The number of projects with the cost of more than US\$10 million is 10, and that with less than US\$500,000 is 4. Costs of the remaining 4 projects are between US\$1 million and US\$10 million.

Classification of the Projects by Costs

Project cost	Number of projects
<US\$500,000	4
<US\$1,000,000	0
<US\$5,000,000	3
<US\$10,000,000	1
>US\$10,000,000	10
Unknown	1
Number of projects counted	18
Total cost (US\$ equivalent)	1,116,000,000

(6) Projects by major donors

USAID has been carrying out the activities to promote marketing of agro-inputs and agricultural products, etc. or trying to transform Nigerian agriculture in selected areas from low-input/low-output, subsistence farming to commercially competitive agriculture. UK Department for International Development (DFID) is also supporting the sustainable growth in the non-oil sector through enhanced productivity in agriculture and by facilitating market-led reform. Gatsby Charitable, Rockefeller Foundation supported the NERICA dissemination by using participatory varietal selection approach. AfDB and AGRA are presently promoting NERICA dissemination independently by supporting mainly seed production.

The World Bank has long been supporting the fadama users who depend directly or indirectly on fadama resources (farmers, pastoralists, fishers, hunters, gatherers, and service providers) to improve their incomes. FADAMA III has just been approved for next five years from 2009 to 2014. The Commercial Agriculture Development Project (CADP) has also been approved by the World Bank for the year of 2009 to 2014. Its objective is to strengthen agricultural production systems and facilitate access to market for targeted value chains such as rice among small and medium scale commercial farmers in the five participating states.

AfDB in collaboration with IsDB, BADEA, Federal and State Governments and Local Government Councils (LGCs) supports “the National Programme for Food Security” towards poverty reduction. Federal Government of Nigeria is highly supportive to rice sectors, promoting rice production, processing, marketing and so on. FAO facilitates the South-South Cooperation between Nigeria and China in the rehabilitation of small-scale irrigation schemes. Korean International Cooperation Agency (KOICA) cooperates with Nigeria in construction of rice processing complex in Nigeria. JICA conducted a survey in 2007 on rice production, post-harvest processing and marketing.

In addition, AGRA and Consultative Group on International Agricultural Research (CGIAR) support research and JIRCAS implements research by itself. Some research topics are i) Improvement of drought and submergence tolerance of rice in Africa, including NERICA (JIRCAS), ii) Breeding for high yielding stable drought tolerance and provision of quality seeds of rice for poor resource farmers in Nigeria (AGRA) and iii) Targeting drought-avoidance root traits to enhance rice productivity under water-limited environments.

(7) Donors' coordination

In the formulation of NRDS, several meetings were held among donors for information sharing. On the other hand, more than one donor support post-harvest and marketing sub-sector of the rice sector individually, and it is not known if their activities are coordinated.

(8) Gaps between NRDS and rice related projects

Expectation to the private sectors for marketing of agro-inputs and agricultural products, rice processing, value-addition to the processed products and so on seems to be particularly high in Nigeria. But the coordination, intervention and/or harmonization between farmers, farmers' communities and private sectors are very important and crucial in the most cases, and so it must be under the Government's strong coordination. Food security for and poverty reduction of smallholder farmers should be thought primarily.

2.2.9 Senegal

(1) Socio-economy

GDP of Senegal in 2007 was US\$11.2 billion, and per capita GDP was US\$707. Contribution of the agricultural sector to GDP is estimated at 16% in 2008. Agricultural sector employs about 72% of the total economically active population.

(2) Position of rice in the staple

According to FAOSTAT, domestic supply amount of rice (domestic production of rice plus imported rice) in Senegal in 2003 was one million ton, accounting for some 44% of total supply amount of staple food (total of cereals, root crops and bananas). Import amount of rice in 2006 was 706 thousand ton with US\$209 million, which shares 51% of the total import value of staple food.

(3) Production of rice and supply-demand balance

During the last 10 years from 1998 to 2007, paddy production in Senegal fluctuated between 124 thousand ton and 279 thousand ton. The fluctuation in production was accompanied by the fluctuation of both area and yield. Annual consumption rate of rice per capita is nearly 70 kg in 2003, and the self-sufficiency ratio of rice in the same year is 15%.

(4) Rice cultivation environment

There are three main areas where rice is widely cultivated in Senegal: (i) Senegal river valley in the north (Saint Louis, Matam, and Tambacounda), (ii) Groundnut basin in the center (Fatick and Kaokack), and (iii) Casamance region in the south (Kolda and Ziguinchor).

The Senegal river valley is located in the Sahel zone with an annual rainfall of less than 400 mm. This area has been developed since the French colony era. Irrigation development started in the lower reach of the Senegal river, and rice was selected as primary crop due to its tolerance to high soil salinity. Then, development activities have been extended to interior area. Irrigation water is secured by pumping up from the Senegal river and its tributaries, and land preparation used to be done by machinery. Farmers under the irrigation schemes are organized to form association or group, and obtain credit for inputs from the National Bank for Agricultural Credit in Senegal (CNCAS). Technical support is provided from Société d'Aménagement et d'Exploitation des Terres du Delta du fleuve Sénégal et des Vallées du fleuve Sénégal et de la Falémé (SAED). Under the high input conditions, high yield has been realized.

In the Goundnut basin in the center, rice has been traditionally cultivated in lowland by women for domestic consumption. All the works are done manually and without fertilizer. Due to limited labor forces available, yield of rice is generally very low. Salinity is the most serious problem in the area

People in the Casamance region have traditionally cultivated rice, which formed a unique culture in the area. Land preparation is done by men using a locally manufactured hoe. In the area where salinity is a problem, rice is cultivated on ridges. They do not like to use any chemicals including

fertilizers on rice cultivation by their culture, yield is generally low.

(5) Classification of rice related projects

There are 29 projects identified in Senegal. They are concentrated in the Senegal river valley and Casamance Region. The projects are classified to rice centered project and other project.

Classification of the Projects by Rice Related and Other Project

Project Focus	Number of projects
Rice centered	18
Others	11
Total number of projects	29

There are 18 rice centered projects and 11 other projects

Of the 29 projects, 17 are on-going, 6 are completed, 4 are approved, one is in pipeline, and another one is unknown in project status.

Classification of the Projects by Status

Project status	Number of projects
Pipeline	1
Approved	4
On-going	17
Completed (after 2004)	6
Unknown	1
Total number of projects	29

The projects are classified with type. The number of grant projects is the most with 13, followed by loan with 11, and TCP/TA with 5.

Classification of the Projects by Type (multiple answer)

Type of projects	Number of projects
Grant	13
Loan	11
TCP/TA	5
National budget	0
Unknown	0
Total number of projects	29

There are 16 projects in which extension/training field is included. Irrigation is dealt with in 12 projects, production in 8 projects, marketing and policy in 7 projects each, post-harvest in 6 projects, R&D and credit in 5 projects each, and seed in 3 projects. Other fields include agro-forestry, socio-economic infrastructure, etc.

Classification of the Projects by Field (multiple answer)

<u>Fields that project covers</u>	<u>Number of projects</u>
Policy	7
R&D	5
Extension/Training	16
Production	8
Marketing	7
Post-harvest	6
Irrigation	12
Credit	5
Seed	3
Other	10
<u>Total number of projects</u>	<u>29</u>

Total cost of the 19 projects of which cost is indicated is calculated at US\$870 million. There are 14 projects with the cost of over US\$10 million, and 4 projects have between US\$1 million and US\$5 million. One project costs between US\$5 million and US\$10 million.

Classification of the Projects by Costs

<u>Project cost</u>	<u>Number of projects</u>
<US\$500,000	0
<US\$1,000,000	0
<US\$5,000,000	4
<US\$10,000,000	1
>US\$10,000,000	14
Unknown	10
<u>Number of projects counted</u>	<u>19</u>
<u>Total cost (US\$ equivalent)</u>	<u>870,000,000</u>

(6) Projects by major donors

Main donors financing rice related projects include: the World Bank, AfDB, BADEA, France, Germany, USA, Korea, and Japan.

The World Bank is mainly financing the projects and programs in the areas of rural development in view of the poverty reduction, infrastructure development of market, market information and strengthening capacities of producers for the promotion of economic liberalization. Their spatial coverage is almost nationwide.

AfDB supports to establish micro-financing institutions and build capacity of a farmers' organization in the Anambé basin in Kolda. It also supports to implement small irrigation projects in Fatick, in which the main activity is to construct anti-salinization dykes. It further assists Casamance region in seed production and rural development.

BADEA mainly supports to construct irrigation facilities in the Senegal river valley, Kolda and Casamance.

The French government has been supporting Senegal since its independence as. It assists the Government of Senegal in improving land management and tenure system and defining a policy for

the maintenance of developed areas and infrastructure in the Senegal river valley. It also supports to promote private investment on agriculture in the Senegal river valley by developing irrigation and other basic infrastructure.

Germany has long history of technical and financial cooperation to the agricultural sector in Senegal. In recent years, it has been assisting vulnerable rural people in Fatick and Kaolack in developing their livelihood by restoring degraded soils of abandoned areas because of salinization. It also supported to enhance capacities of local districts in the process of decentralization. In Casamance Germany has been supporting the local people affected by civil war through a wide range of activities such as food aid, seed distribution, rebuilding seed production system in Casamance, construction of anti-salinization dykes, etc.

USA, through MCA, is investing on large scale infrastructure development including trunk road rehabilitation, irrigation system, and bridge construction, in the Senegal river valley, for accelerating economic development of the rural people. It also is supporting the people in Casamance.

Korea, through KOICA, is assisting Senegal in increasing rice production by sending the experts for training, developing a irrigation system, and executing a study of irrigation development.

Japan, through JICA, provided a technical assistance for a study on reorganization of the rice sector to promote domestic rice production. Based on the study results, various investments have been put in place in the Senegal river valley. A JICA expert has been sent to Senegal to follow up the rice sector development. A new technical cooperation program on small irrigation development and rice production has been formulated.

(7) Donor' coordination

Dialogues have been made among main donors including AFD, MCA, and JICA for rice sector promotion.

(8) Gaps between NRDS and rice related projects

NRDS expected rapid increase in rice production. However, there is no provision for storage and processing at this moment.

Progress of the development in Anambé area needs to be clarified.

2.2.10 Sierra Leone

(1) Socio-economy

GDP of Sierra Leone in 2007 was US\$1.6 billion, and per capita GDP in 2005 was US\$216. The agriculture sector is estimated to contribute to 49% of the total GDP in 2001. Some 59% of the total economically active population is in the agricultural sector.

(2) Position of rice in the staple

Rice is by far the most important staple food in Sierra Leone. Domestic supply amount of rice in 2003 was 420 thousand ton, which shared 60% of the total domestic supply of staple food. About 90 thousand ton of rice was imported in 2006 with US\$24.5 million ton, corresponding to 55% of the total import of staple food.

(3) Production of rice and supply-demand balance

According to FAOSTAT, rice production in Sierra Leone drastically increased from 183 thousand ton in 2000 to one million ton in 2006, and then decreased to 630 thousand ton in the following year. Per capita annual consumption of rice fluctuated between 74 kg and 90 kg during 10 years from 1994 to 2003.

(4) Rice cultivation environment

In Sierra Leone rice plant can be seen everywhere in the rainy season. It is grown under all the agro-ecological conditions including upland, inland valley swamp (IVS), boliland, riverain, and mangrove swamp.

Upland rice is cultivated under slash and burn system, accounting for more than 50% of the total rice cultivation area, followed by IVS and mangrove swamp, boliland and riverain.

There are two geographic and ecological terms unique in Sierra Leone: boliland and riverain (or riverain grassland). Boliland is the inland depression, which is developed in the upper and middle reaches of a river. Riverain extends on the river terrace, which is flooded during the rainy season.

(5) Classification of rice related projects

There are 14 projects identified in Sierra Leone. The projects are classified to rice centered project and other project.

Classification of the Projects by Rice Related and Other Project

Project Focus	Number of projects
Rice centered	8
Others	6
Total number of projects	14

There are 8 rice centered projects and 6 other projects.

Of the 14 projects/programs, 12 are on-going and 2 are completed, as shown below.

Classification of the Projects by Status

Project status	Number of projects
Pipeline	0
Approved	0
On-going	12
Completed (after 2004)	2
Total number of projects	14

Of the 14 projects, 8 are grant, 4 are loan and one each with TCP/TA and national budget.

Classification of the Projects by Type (multiple answer)

Type of projects	Number of projects
Grant	8
Loan	4
TCP/TA	1
National budget	1
Total number of projects	14

Extension/Training was covered by 8 projects out of 14, production by 6, R&D by 4, marketing and post-harvest by 3 each, seed by 2, and credit by one.

Classification of the Projects by Field (multiple answer)

Fields that project covers	Number of projects
Policy	0
R&D	4
Extension/training	8
Production	6
Marketing	3
Post-harvest	3
Irrigation	0
Credit	1
Seed	2
Other	3
Total number of projects	14

Total cost of the 7 projects of which cost is shown amounts US\$55 million. Of the 14 projects, 4 projects are between US\$1 million and US\$5 million, and the cost of 3 projects cost more than US\$10 million each.

Classification of the Projects by Costs

Project cost	Number of projects
<US\$500,000	0
<US\$1,000,000	0
<US\$5,000,000	4
<US\$10,000,000	0
>US\$10,000,000	3
Unknown	7
Number of projects counted	7
Total cost (US\$ equivalent)	55,000,000

(6) Projects by major donors

AfDB has been supporting Sierra Leone agriculture through rehabilitation of basic infrastructure including rural roads, bridges, building for extension staffs, etc., and through farmers' training. It also supports rice farmers through NERICA seed adaptability test and multiplication.

IFAD has been assisting small scale farmers, especially women and youth in remote areas by providing training, rural infrastructure, and micro-finance.

EU gave financial support to rice farmers by providing machinery and equipment, farm tools, post-harvest facility, seed rice, and training.

JICA extended a technical cooperation by developing new rice cultivation techniques in various agro-ecological conditions in collaboration with local farmers and extension staff.

China is trying to introduce hybrid rice by testing cultivation and multiplying seeds.

USAID has assisted small scale farmers, through its partner NGOs like AfriCARE, CARE, CRS, World Vision, etc., in strengthening their food security by providing training on rice cultivation, introducing NERICA seeds and machinery for plowing, rehabilitating IVS, restoring upland, etc.

Germany, through FAO, is assisting the Sierra Leonean Government in transforming rice seed sector by establishing private sector seed company and seed quality board under the Government.

IAEA is providing grant and technical assistance to strengthen rice research activities by providing laboratory equipment and developing new high-yielding varieties using a mutation technique.

(7) Donors' coordination

Donors meet periodically to share the information. However, not many donors supports agricultural and rural development sector so far. The Government is trying to consolidate individual project into one program.

(8) Gaps between NRDS and rice related projects

Inland valley swamp is the major target in the NRDS to develop to boost rice production. However, not many projects have been

2.2.11 Tanzania

(1) Socio-economy

GDP of Tanzania in 2007 was US\$16.2 billion, and GDP per capita in 2005 is US\$316. The share of agriculture sector in the total GDP as of 2008 is estimated at 27.0%. Agricultural population rate in 2006 is 75.2%.

(2) Position of rice in the staple

Based on the FAOSTAT, domestic supply amount of rice in 2003 is 631,100 ton, accounting for 8.4% of total supply amount of staples with 7,548,500 tons in dry matter basis. Self-sufficiency ratio in rice is calculated at 68.7%. Import value of rice in 2006 amounts US\$22.5 million, shares 6.9% of import of staple foods.

(3) Production of rice and supply-demand balance

During the period between 1998 and 2007, production of rice varied from 778.4 thousand tons to 1,240.0 thousand tons, with increasing tendency. On the other hand, during the same period, rice imports fluctuated between 76.5 thousand tons to 194.3 thousand tons, showing rather great annual fluctuation. Annual rice consumption per capita is calculated at 15.9 kg in 2003. As of 2003, self-sufficiency rate of rice is calculated at 68.7%.

(4) Rice cultivation environment

- (a) Majority of rice farmers (females, males and youth) are smallholders who produce rice for home consumption and sale surplus directly to customer or through a cooperative society where there is a Warehouse Receipt System in operation. Size of farms ranges from 0.5 ha to 3.0 ha, and there are three large scale farms located in Mbeya and Iringa regions. These farms were operated by the National Agricultural and Food Company (NAFCO). However, these farms have now been privatized.
- (b) Processors (millers) are located in production areas and range from medium to large scale ones. Medium scale processors of paddy into milled rice are located in urban centres near production areas and owned by male and female entrepreneurs. Some processing machines can produce white stone-free rice of premium (unbroken), standards (half broken) and regular (three quarters broken) grades. Large scale processors are three namely: Kapunga and Mbarali rice farms in Mbeya region and Madibira rice farm in Iringa region. These processors do process their farm produce and paddy from other farmers in the vicinity.
- (c) Traders in paddy and milled rice are scattered throughout the country. Females and males are involved in this trade. Paddy trade is concentrated in production areas while trade in milled rice is usually done at whole sale and retail levels in production and distant markets. Price for milled rice is relatively higher than that for paddy of same quantity irrespective of whole sale or retail market. Traders in rice do pack the produce in small quantities preferred by their customers and the package carries address/trade mark of the trader, brand name and expiring date. This is common for rice sold at super markets. Physical

mixing of aromatic and non aromatic rice is often practiced by some traders in order to get good price. Rice sold at retail shops and open markets is usually put into jute sacks. Export trade of milled rice is common particularly to neighboring countries and men are leading. Crop levy not more than five percentages is charged by officials of District Councils to both paddy and milled rice traders in producing areas. In general there is a potential for expanding both internal and external markets. (Refer to NRDS-Draft, April 2009)

(5) Classification of rice related projects

There are 9 projects identified in Tanzania. The projects are classified to rice centered project and other project.

Classification of the Projects by Rice Related and Other Project

Project Focus	Number of projects
Rice centered	7
Others	2
Total number of projects	9

There are 7 rice centered projects and 2 other projects

Of the 9 total projects, 7 are on-going and 2 are completed projects as shown below.

Classification of the Projects by Status

Project status	Number of projects
Pipeline	0
Approved	0
On-going	7
Completed (after 2004)	2
Unknown	0
Total number of projects	9

There are 4 each of grant projects and TCP/TA, and 1 loan project.

Classification of the Projects by Type (multiple answer)

Type of projects	Number of projects
Grant	4
Loan	1
TCP/TA	4
National budget	0
Unknown	0
Total number of projects	9

Of the 9 rice related projects, 7 deal with irrigation, 4 with R&D and extension/training, 3 with production, 2 with marketing and seed, and one with policy, post-harvest and credit.

Classification of the Projects by Field (multiple answer)

<u>Fields that project covers</u>	<u>Number of projects</u>
Policy	1
R&D	4
Extension/Training	4
Production	3
Marketing	2
Post-harvest	1
Irrigation	7
Credit	1
Seed	2
Other	3
<u>Total number of projects</u>	<u>9</u>

Total estimated cost of the 9 rice related projects is US\$334 million. 3 projects are with less than US\$500,000 each and only one project has the cost exceeding US\$10 million.

Classification of the Projects by Costs

<u>Project cost</u>	<u>Number of projects</u>
<US\$500,000	3
<US\$1,000,000	2
<US\$5,000,000	1
<US\$10,000,000	2
>US\$10,000,000	1
Unknown	0
<u>Number of projects counted</u>	<u>9</u>
<u>Total cost (US\$ equivalent)</u>	<u>334,000,000</u>

(6) Projects by major donors

The World Bank, IFAD and JICA support the Tanzanian Government for its agricultural sector development through a common basket fund called as “the Agricultural Sector Development Programme (ASDP)”. The program started in July 2006 and will last for 7 years until June 2013. The donors can advise the Government in its planning of use of the fund but the Government has whole responsibility of its use. The World Bank is a chair organization of the donor committee.

The World Bank is also implementing two projects in Tanzania related to the development and improvement in agriculture and rural communities. The World Bank is going to support research agencies to produce breeder seed, and also support seed companies and farmers to multiply and market seeds of improved cultivars. Under this project, establishment of the regional centers of excellence is proposed for four subsectors: wheat in Ethiopia, smallholder dairy in Kenya, rice in Tanzania and cassava in Uganda. In rice, regional priority areas are: (i) breeding resistance to biotic stresses -diseases and pests- and abiotic stresses –drought and cold tolerance, salinity and toxicity-; (ii) germplasm collection and characterization; (iii) integrated production and management for soil, water and pests; (iv) post harvest processing, marketing and value addition; and (v) development of labor saving technologies (Refer: East Africa Agricultural Productivity Project – Environmental and Social Management Framework, Final Draft, Tanzania).

IFAD supports the rice farmers through irrigation development and capacity development. In addition, IFAD provides a grant to IRRI for the promotion of research on breeding and disease control.

JICA is operating two technical cooperation projects in agricultural sector, (i) Formulation and Training of the District Agricultural Development Project (DADP) Guidelines on Irrigation Scheme Development, and (ii) Supporting Service Delivery Systems of Irrigated Agriculture. Both projects are closely related to the development of irrigated agriculture including rice cultivation. However, the former puts emphasis on the technology, administrative procedures and related document forms necessary for the irrigation scheme development and the latter on the dissemination of paddy rice cultivation technology to farmers in the irrigable land areas where irrigation facilities have already been furnished, through the training the core farmers both at the Agricultural Training Institutes and at their own lands. Paddy fields, though rather limited area in Zanzibar, were rehabilitated through the Grass Root Grant Aid of Japan.

Aga Khan Foundation has just started the intervention on rice aiming at the income generation of the paddy rice farmers by promoting the marketing of rice through the facilitation for the integration of farmers and private sectors. Rice productivity is expected to increase 4 times by applying the good variety, technology for water use and weeding and improving availability and supply of the agricultural inputs as the Foundation experienced in Madagascar. The program lasts for 7 years.

Rockefeller Foundation and International Atomic Energy Agency (IAEA)/FAO support research activities on rice by the Agricultural Research institutes of Tanzania and Zanzibar, the titles of the research of which are (i) Genetic enhancement to increase productivity in rice through breeding for resistance to rice yellow mottle virus (RYMV) disease in Tanzania, and (ii) Improving rice varieties through mutation breeding and biotechnology in Zanzibar, respectively.

(7) Donors' coordination

Donors' coordination in agricultural sector is seen under ASDP, and the rice related projects are implemented within the framework of ASDP.

(8) Gaps between NRDS and rice related projects

In the NRDS, a part of the area under the rain-fed lowland seems to be converted to the irrigated lowland: 63,000 ha within a first 5 years and additional 55,000 ha in a second five years. Although seventy-five percent of ASDP fund is supposed to use for the DADP, it might be difficult to achieve such a conversion unless reasonable amounts of fund are secured for the conversion project.

2.2.12 Uganda

(1) Socio-economy

Uganda's GDP in 2007 was US\$11.2 billion and per capita GDP in 2005 was US\$ 303. The share of agriculture sector in the total GDP as of 2008 is estimated at 29.0%. The agricultural sector absorbs 75.8% of the total economically active population.

(2) Position of rice in the staple

Based on the FAOSTAT, domestic supply amount of rice in 2003 is 120.2 thousand ton, accounting for some 1.6% of total supply amount of staples with 7.42 million ton in dry matter basis. Self-sufficiency ratio in rice is calculated at 60.5%. Import value of rice in 2006 amounts US\$ 14.8 million, shares 5.0% of import of staple foods.

(3) Production of rice and supply-demand balance

Uganda's annual rice production as paddy has increased year by year, which was 90 thousand ton in 1998, and reaching 162 thousand ton in 2007. During this period, acreage under rice cultivation increased from 64,000 ha to 119,000 ha. However, yield remained at 1.3 ton/ha to 1.5 ton/ha during the same period indicating that Uganda's rice production increase was achieved by the increase of acreage under rice cultivation. Although the consumption per capita has varied through the years, is on an increasing trend. On the other hand, national production of rice has varied through the years and does not demonstrate an increasing trend

(4) Rice cultivation environment

Rice production in Uganda became considerably important since the Doho Rice Irrigation Scheme (DRS) was developed. Most rice in Uganda is grown in Eastern Uganda followed by Western Uganda due to the presence of lowland with adequate rainfall during the growing season. About 80% of rice growers in Uganda are small-scale farmers although there are large-scale commercial rice productions in some areas. Acreage under NERICA cultivation has increased rapidly in Uganda that is considered as one of the leading country for NERICA dissemination. In 2002, acreage under NERICA cultivation was 1,500 ha and reaching 30,000 ha in 2007.

(5) Classification of rice related projects

There are 17 projects identified in Uganda. The projects are classified to rice centered project and other project.

Classification of the Projects by Rice Related and Other Project

Project Focus	Number of projects
Rice centered	7
Others	10
Total number of projects	17

There are 7 rice centered projects and 10 other projects

Of the total 17 projects, of which 6 are completed, 10 are on-going, and one is approved.

Classification of the Projects by Status

Project status	Number of projects
Pipeline	0
Approved	1
On-going	10
Completed (after 2004)	6
Unknown	0
Total number of projects	17

Of the 17 projects, 5 are grant, 6 are loan and 7 are TCP/TA. One grant project have TCP/TA portion.

Classification of the Projects by Type (multiple answer)

Type of projects	Number of projects
Grant	5
Loan	6
TCP/TA	7
National budget	0
Unknown	0
Total number of projects	17

Of the total of 17 rice related projects, extension/training is dealt with by 14, followed by production by 13, post-harvest by 11, marketing by 10, R&D and seed by 5 each and irrigation and credit by 4.

Classification of the Projects by Field (multiple answer)

Fields that project covers	Number of projects
Policy	0
R&D	5
Extension/Training	14
Production	13
Marketing	10
Post-harvest	11
Irrigation	4
Credit	4
Seed	5
Other	1
Total number of projects	17

Total estimated cost of 16 projects is US\$414 million. There are 8 projects with the cost of more than US\$10 million, 4 projects with between US\$1 million and US\$5 million, 3 projects with less than US\$500,000, and one project with between US\$5 million and US\$10 million.

Classification of the Projects by Costs

Project cost	Number of projects
<US\$500,000	3
<US\$1,000,000	0
<US\$5,000,000	4
<US\$10,000,000	1
>US\$10,000,000	8
Unknown	1
Number of projects counted	16
Total cost (US\$ equivalent)	414,000,000

(6) Projects by major donors

In Uganda, 16 donor organizations were identified, which have been involved in rice-related project. These were FAO, the Rockefeller Foundation, the World Bank, IFAD, EC, Ireland Aid, Netherlands Development Assistance, DANIDA, DFID, UNDP, Nordic Development Fund (NDF), AfDB, USAID, Nippon Foundation, Belgian Survival Fund for the Third World (BSF), and JICA.

The 7 rice-specific projects are supported either by FAO, the Rockefeller Foundation, UNDP, or JICA. Many of them are NERICA dissemination projects.

FAO has been involved in NERICA dissemination in Uganda since 2006 by receiving a grant (Assistance for Underprivileged Farmers) from Japan.

UNDP implemented a NERICA dissemination project from 2004 to 2006. It was formed under the initiative of the Uganda's vice president.

JICA put a lot of effort into rice promotion in Uganda. Currently JICA is supporting three rice specific projects for promoting NERICA through technical training and research activities, for increasing rice productivity through introduction of sustainable irrigated agriculture techniques, and for establishing the Regional NERICA Rice Research and Training Center.

USAID started NERICA dissemination in a comprehensive agricultural and rural development project. USAID which attaches importance to value chain approach supports production, distribution, postharvest and marketing of NERICA.

The Uganda National Agricultural Advisory Services (NAADS) is a large-scale agricultural extension program supported by a number of donor organizations including the World Bank. NAADS is involved in agricultural extension works on rice conducted by diverse projects.

AfDB is assisting farmers in income increasing by enhancing agricultural activities through capacity development and infrastructure development.

IFAD is supporting rural smallholder farmers with rural finance, rural infrastructure, training on agricultural and management, commercialization of agriculture, etc.

To develop rice sector of Uganda, The Ministry of Agriculture, Animal Industry, and Fisheries (MAAIF) formed the Rice Industry Development Secretariat in February 2008. The secretariat coordinates rice-related projects under the MAAIF, and collects and provides information to the

rice stakeholders. The Rice Industry Development Secretariat is an implementation body of the Rice Steering Committee that was formed in 2006 as a policymaking body on rice-related matters. The Rice Steering Committee consists of MAAIF, The National Agricultural Research Organisation (NARO), FAO, JICA, a representative of rice industry, representatives of rice farmers, rice traders and producers, etc.

(7) Donors' coordination

With regard to the NERICA dissemination activities in Uganda, a number of donor organizations has been collaborating with one another since early 2000s. The vice president of Uganda also actively promotes dissemination of NERICA in the country.

To develop rice sector of Uganda, MAAIF formed the Rice Industry Development Secretariat in February 2008. The secretariat coordinates rice-related projects under the MAAIF, and collects and provides information to the rice stakeholders. The Rice Industry Development Secretariat is an implementation body of the Rice Steering Committee that was formed in 2006 as a policymaking body on rice-related matters. The Rice Steering Committee consists of MAAIF, NARO, FAO, JICA, a representative of rice industry, representatives of rice farmers, rice traders and producers, etc.

(8) Gaps between NRDS and rice related projects

Doubling the irrigated lowland by 2018 is one of the strategies presented in the Uganda's NRDS. Under the present situation, however, there are few projects on expanding irrigated lowland as well as developing new one.

2.3 Regional Projects

There are other rice-related projects/programs which target several specific countries or region including several countries. Those projects are listed and explained briefly below.

(1) Classification of rice related projects

There are 17 projects identified. The projects are classified into rice centered project and other project.

Classification of the Projects by Rice Related and Other Project

Project Focus	Number of projects
Rice centered	12
Others	5
Total number of projects	17

There are 12 rice centered projects and 5 other projects

Classifying the projects by project status, 13 are on-going, and 4 are approved.

Classification of the Projects by Status

Project status	Number of projects
Pipeline	0
Approved	4
On-going	13
Completed (after 2004)	0
Unknown	0
Total number of projects	17

Projects are classified with project type. Of the total of 17, 13 are grant, one is loan and 5 are TCP/TA. One grant project is associated with loan, and another grant project with TCP/TA.

Classification of the Projects by Type (multiple answer)

Type of projects	Number of projects
Grant	13
Loan	1
TCP/TA	5
National budget	0
Unknown	0
Total number of projects	17

Of the total of 17 rice related projects, 12 deal with extension/training, followed by 9 with R&D, 7 with production, 4 with irrigation, 3 each with marketing and post-harvest, 2 each with policy, credit, and seed.

Classification of the Projects by Field (multiple answer)

<u>Fields that project covers</u>	<u>Number of projects</u>
Policy	2
R&D	9
Extension/Training	11
Production	7
Marketing	3
Post-harvest	3
Irrigation	4
Credit	2
Seed	2
Other	5
<u>Total number of projects</u>	<u>17</u>

Total estimated cost of 16 projects is US\$442 million. There are 5 projects with the cost of more than US\$10 million, 4 projects with between US\$1 million and US\$5 million, 3 projects with less than US\$500,000, and another 3 with between US\$500,000 and US\$1 million, one project with between US\$5 million and US\$10 million.

Classification of the Projects by Costs

<u>Project cost</u>	<u>Number of projects</u>
<US\$500,000	3
<US\$1,000,000	3
<US\$5,000,000	4
<US\$10,000,000	1
>US\$10,000,000	5
Unknown	1
<u>Number of projects counted</u>	<u>16</u>
<u>Total cost (US\$ equivalent)</u>	<u>442,000,000</u>

(2) Projects by major donors

IRRI has been implementing a program in Africa to contribute to the ending hunger. This program is one of seven programs under IRRI's mid-term plan. IRRI's East and southern African regional office, which covers Burundi, Kenya, Mozambique, Rwanda, Tanzania, and Uganda, is currently implementing integrated research-based programs, objectives of which include (i) to determine the research priorities and policy options needed to support a rice industry, (ii) to select and develop varieties that are acceptable to the market and are resistant to local pests and diseases, (iii) to evaluate and demonstrate sustainable production and postharvest rice-based technologies, and (iv) to improve the capacity of key rice scientists, technicians, and extension staff. This program is supported by IFAD, Bill and Melinda Gates Foundation, Portugal, USAID and IRRI.

Africa Rice Center (WARDA) has been assisting African rice producing countries in introducing new rice varieties and disseminating rice cultivation techniques, through research activities. Multiplication of foundation seeds of NERICA varieties and transfer of technologies in rice

cultivation and monitoring of rice growth are being conducted by Japanese Researchers sent through JICA.

AGRA's Program for Africa's Seeds Systems (PASS), supported by The Rockefeller Foundation and the Bill & Melinda Gates Foundation, is a regional program to promote the development of seed systems that deliver improved varieties of food crop seeds including rice to small-scale farmers. The target countries include Tanzania, Uganda, Ethiopia, Zambia, Mali, Burkina Faso, Kenya, Nigeria, and Ghana. Under PASS, in cooperation with the University of Ghana, University of KwaZulu-Natal in South Africa, and the Cornell University in USA, 170 M.Sc. plant scientists and 80 Ph.D. plant scientists are to be trained over a 5-year period.

The program of Sasakawa Global 2000 (SG2000), supported by Nippon Foundation has been implementing an agricultural program which currently target four countries of Mali, Nigeria, Uganda and Ethiopia to contribute to the realization of production increase of food crops including rice. They introduce new varieties of food crops and disseminate cultivation techniques to farmers as well as extension workers. They try to develop a distribution system of farm inputs including seed and fertilizer by training stockists, and also improve post-harvest handling and processing by introducing small machinery.

The World Bank is going to approve the East Africa Agricultural Productivity Project to support research agencies to produce breeder seed, and advice and assist seed companies and farmers in multiplying and market seeds of improved cultivars. Under this project, Ethiopia, Kenya, Tanzania and Uganda have proposed establishing regional centers of excellence in the following areas and themes: Wheat (Ethiopia), Smallholder Dairy (Kenya), Rice (Tanzania) and Cassava (Uganda). In rice, regional priority areas are: (i) breeding resistance to biotic stresses -diseases and pests- and abiotic stresses –drought and cold tolerance, salinity and toxicity-; (ii) germplasm collection and characterization; (iii) integrated production and management for soil, water and pests; (iv) post harvest processing, marketing and value addition; and (v) development of labor saving technologies.

The World Bank is also providing support Mali, Senegal, Mauritania and Guinea, through Organisation pour la Mise en Valeur du Fleuve Sénégal (OMVS), on rational and sustainable water resources development and utilization in the Senegal river valley. It includes irrigation development for rice production as well as water management.

USAID is assisting small farmers of Nigeria, Mali, Senegal and Ghana, in having access to quality seeds and fertilizer as well as crop management techniques to enhance food security, as one of the Presidential Initiatives.

USAID is also implementing West Africa Global Food Security Response with the objectives of: (i) building regional economies of scale, (ii) building response capacity through regional organizations, and (iii) support objectives of Initiative to End Hunger in Africa (IEHA) and Global Food Security Response (GFSR). Under the project a set of multi-layered comprehensive studies aimed at improving food security and raising rural incomes in West Africa is conducted. The studies include value chain assessment of 7 – 9 food staples including rice, covering Mali, Liberia, Nigeria, Ghana and Senegal.

Japanese Government, under the finance of various Ministries, extends several regional programs to enhance capacity necessary for rice sector development. Ministry of Education, Culture, Sports, Science and Technology (MEXT) is financing a technical research project to promote Asian type rice field development based on eco-technology for realizing green revolution in Africa. Ministry of Agriculture, Forestry and Fisheries (MAFF) is conducting or going to conduct several rice related projects of various fields in African countries to contribute to the rice production increase. The objectives of the projects include: (i) to train African rice researchers by sending them to and working with Japanese researchers working in Africa, (ii) to find ideal technique to develop inland valley swamp, (iii) to promote south-south cooperation, (iv) to strengthen farmers' organizations, (v) to study rice based rural development for poverty reduction, (vi) to improve soil fertility, etc. Ministry of Finance plans to finance US\$100 million to the World Bank to support its activity for promoting rice production in Africa.

Chapter 3 Recommendations to the CARD process

Based on the Study results described in the previous chapter, and on the dialogue with a wide range of people, the following recommendations are made for the Coalition for African Rice Development (CARD) process in the subsequent stage.

(1) Formulation of the 10-year implementation plan based on the NRDS

The objective of CARD should be pursued in each of the 12 target countries in line with their National Rice Development Strategies (NRDSs) in principle. The next step is to formulate the implementation plan for rice sector development in the next 10 years based on the NRDSs. Although the CARD process aims at doubling the rice production, it cannot be achieved without the efforts in the rice sector as a whole. All the rice related projects should better be aligned under the framework of NRDS.

For this, the NRDS should be carefully reviewed to set more detailed strategies including the prioritization of sub-sectors, and identification of specific areas/regions for development. Specific projects should then be formulated with costs. A monitoring and evaluation plan should also be established.

The 10-year implementation plan should be formulated taking into consideration the Government's capacity in terms of human resources as well as management. In the formulation of the implementation plan, consistency with the Comprehensive African Agriculture Development Programme (CAADP) should be considered, as in the case of Sierra Leone, which placed the NRDS as a part of the National Sustainable Agricultural Development Plan formulated in line with CAADP.

The Government of CARD first group countries should be responsible for the implementation, and monitoring and evaluation of the plan. However, as the implementation of NRDS needs the donors' cooperation, donors should be involved in the entire CARD process.

Considering the planning capacity of the Governments, the CARD member organizations such as JICA, FAO, etc. should lead the planning exercise to formulate the implementation plan involving other donors while respecting the ownership of the Government.

Based on the NRDSs and collected information on the rice related projects, more important sub-sector approach as to the target agro-ecology to increase rice production are shown with comments for each of the 12 first group countries below.

**Important agro-ecologies to attain rice production target, relevant on-going projects, important sub-sector approach, and comments for the CARD
First Group Countries**

Country	Important agro-ecologies	Relevant on-going projects	Important development fields	Comments
Cameroon	Upland	- Improvement of the competitiveness of rice in Central Africa (by WARDA, etc.)	<ul style="list-style-type: none"> • Research: Farming systems, farm economy, environmental management, etc. • Training/Extension: Cultivation technique of upland rice, farm management, etc. • Marketing: Farmers organizing for collective marketing • Post harvest: Establishment of processing units 	<ul style="list-style-type: none"> ➢ Very few projects look into upland rice. ➢ More efforts are necessary to promote upland rice production.
Ghana	Rainfed lowland	<ul style="list-style-type: none"> - Inland valleys rice development project (by AfDB) - Development of low-input rice cultivation system in wetland in Africa (by JIRCAS, Japan) - Materialization of West African rice green revolution by sawah eco-technology and creation of African SATOYAMA systems (by MEXT, Japan) - Project for Sustainable Development of Rain-fed Lowland Rice Production (by JICA) - Rice Sector Support Project (by AFD) 	<ul style="list-style-type: none"> • Research: Water management, land development, selection of iron toxicity tolerant variety, etc. • Training/Extension: Cultivation technique, farm management, etc. • Mechanization: Hand tractors or draft animals for land preparation. Rotary weeders, Threshers, etc. • Marketing: Farmers organization 	<ul style="list-style-type: none"> ➢ Many projects implemented in the close areas with the same Ghanaian counterparts. Coordinating efforts should be made to avoid duplication. ➢ Land tenure issue should be addressed.
Guinea	Upland	<ul style="list-style-type: none"> - Project of NERICA dissemination (by AfDB) - Support to "Post-Conflict Transition in Forest Guinea Region" (by WFP, Japan) 	<ul style="list-style-type: none"> • Research: Multiplication of NERICA seeds, farming systems, farm economy, etc. • Training/Extension: Cultivation technique of NERICA, farm management, crop rotation, etc. • Marketing: Farmers organizing for collective marketing 	<ul style="list-style-type: none"> ➢ Although NERICA was introduced first in the country, expansion of the area under NERICA has not been remarkable. ➢ Problem of environmental degradation in Forest Guinea affected by the refugees from neighboring countries

Kenya	Irrigated	<ul style="list-style-type: none"> - Natural Resources Management Project (by World Bank) - Mwea Irrigation Development Project (by JICA) - Irrigation, Drainage & Water Storage Experts (by JICA) 	<ul style="list-style-type: none"> • Irrigation: New development and rehabilitation, water management • Extension/Training: Irrigated rice cultivation technique 	<ul style="list-style-type: none"> ➤ Current projects are almost consistent with the NRDS direction. ➤ Action plan for NERICA dissemination in upland areas should be formulated and implemented.
Madagascar	Unknown	<ul style="list-style-type: none"> - Not applicable 	<ul style="list-style-type: none"> • Research: Development of improved varieties adaptable to growing environments, • Extension/Training: Rice cultivation technique, farm management, water management • Marketing: Continuation of market information dissemination and platform for rice sector stakeholders, storage and transport infrastructure development • Post-harvest: quality rice production (better rice quality, packaging, no impurity, etc.) 	<ul style="list-style-type: none"> ➤ Almost self-sufficient in rice and eyeing for export. ➤ Transport and market infrastructure should be developed for rice export ➤ Farmers should understand the value of rice quality
Mali	Upland, Irrigated	<ul style="list-style-type: none"> - Many irrigation projects along the Niger river - Few projects on upland 	<ul style="list-style-type: none"> • Research: Selection and multiplication of NERICA seeds, farming systems, etc. • Extension/Training: Rice cultivation technique, water management, • Irrigation development (by gravity) 	<ul style="list-style-type: none"> ➤ Suitable area for upland rice cultivation has been identified. Promotion of upland rice production should be strengthened. ➤ Irrigation development along the Niger river have been satisfactory. Small scale gravity irrigation should be promoted in the upstream of the tributaries in view of lower irrigation cost.
Mozambique	Irrigated	<ul style="list-style-type: none"> - Several irrigation development projects - Many projects having irrigation component 	<ul style="list-style-type: none"> • Research: Development of improved varieties adaptable to the environment, water management • Extension/Training: Irrigated rice cultivation technique, water management • Marketing: Farmers organizing for collective marketing, storage facilities 	<ul style="list-style-type: none"> ➤ Rice sector development plan has been prepared by the support of Italy, in which four areas have been identified as rice clusters. ➤ Irrigation development strategy is being formulated in cooperation with donors. ➤ More fund or projects are necessary for developing four clusters simultaneously.

Nigeria	Irrigated, Rainfed lowland	<ul style="list-style-type: none"> - Rehabilitation of small-scale irrigation schemes (by FAO) - Materialization of West African rice green revolution by sawah eco-technology and creation of African SATOYAMA systems (by MEXT, Japan) 	<ul style="list-style-type: none"> • Research: Genetic resource conservation, development new varieties and participatory varietal selection (PVS) • Extension/Training: Sustainable water management, water users association, rice cultivation techniques • Marketing: Promotion of commercial rice production through Public-Private Partnerships • Credit: Use of taxes levied on imported rice be channeled to support rice production and processing 	<ul style="list-style-type: none"> ➤ The Government should well or effectively coordinate among research, extension and private sectors. ➤ Farmers' communities should be organized and trained for water control of the certain accumulated areas of paddy fields, for use of microfinance, etc. in order to promote commercial rice production.
Senegal	Irrigated	<ul style="list-style-type: none"> - Many irrigation projects along the Senegal river - Project to Support Local Small-Scale Irrigation (PAPIL) (by AfDB) - Anambé Basin Hydro-Agricultural Development Project Phase III (by IsDB, etc.) 	<ul style="list-style-type: none"> • Marketing: Storage facilities development • Mechanization: small agricultural machinery development • Irrigation: Water management • Research: Rational use of fertilizer, development of small machinery including reaper, etc. • Extension/Training: Irrigated rice cultivation technique, water management • Post-harvest: Installation of rice mills with sorter and cleaner 	<ul style="list-style-type: none"> ➤ Irrigated rice production along the Senegal river valley is costly due to water lifting by using fossil fuels and to high dosage of fertilizer.
Sierra Leone	Rainfed lowland	<ul style="list-style-type: none"> - None 	<ul style="list-style-type: none"> • Research: Iron toxicity tolerant varieties, water management • Extension/Training: Rice cultivation techniques, drainage, water management and land development • Credit: Revolving fund for procuring inputs • Marketing: Timely supply of fertilizer and rice seeds • Mechanization: Utilization of small agro-machinery, establishment of 	<ul style="list-style-type: none"> ➤ Extension workers and farmers should be trained on proper rice cultivation technique and water management practice. ➤ Farmers should be trained on land preparation and bunding practices. ➤ Necessary farming tools should be provided to the extremely poor farmers.

			<p>maintenance and repair system</p> <ul style="list-style-type: none"> • Post-harvest: Utilization of simple and low cost post-harvest facilities 	
Tanzania	Irrigated	<ul style="list-style-type: none"> - Technical cooperation for formulation and training of the DADP guidelines on irrigation scheme development (by JICA) - Technical cooperation for supporting service delivery systems of irrigated agriculture (by JICA) - Coastal rural support programme (Tanzania): rice intervention (by Aga Khan Foundation, etc.) - Rehabilitation of irrigation infrastructure in Zanzibar (by KOICA) 	<ul style="list-style-type: none"> • Research: Soil health and soil fertility management, and crop management and protection options • Irrigation: Rehabilitation of traditional irrigation schemes and construction of new irrigation schemes • Extension/Training: Technology for paddy rice cultivation with irrigation control in the farmers' community • Marketing: Establish strong, self supporting producer groups in which members support each other to produce, process, package and market their rice 	<ul style="list-style-type: none"> ➤ Research sector should be strengthened by furnishing researchers, facilities and research budget. ➤ ASDP should support the irrigation scheme establishment of DADP.
Uganda	Balanced	-	<ul style="list-style-type: none"> • Extension/Training Irrigated and upland rice cultivation technique • Irrigation: New development and rehabilitation, water management 	<ul style="list-style-type: none"> ➤ Acreage under NERICA cultivation has increased rapidly with supports from donors ➤ The Rice Industry Development Secretariat was formed to coordinate the rice related projects in Uganda. ➤ Irrigation development should be strengthened. ➤ Yield increase of irrigated rice should be considered

(2) Regional approach to tackle with the common issues

There are many regional projects addressing common issues over several countries. One example is the on-going regional research project coordinated by Africa Rice Center (WARDA) for identifying iron toxicity tolerant rice varieties by growing some 80 iron toxicity tolerant varieties under iron rich soils, being conducted in West African countries of Ghana, Senegal, Nigeria and Burkina Faso. The research is part of the Stress Tolerant Rice for Africa and South Asia (STRASA) project, run in collaboration with the International Rice Research Institute (IRRI). The research result will be utilized to develop high yielding and also iron toxicity tolerant varieties which are expected to bring about large impact to the area having the same problem.

As seen above, the role of international research organizations such as IRRI and WARDA is quite important to coordinate research institutes of several countries for addressing the common regional issues hampering the rice production increase.

Through the field work, three common constraints to enhancing rice production have been identified: (i) unavailability of quality seed, (ii) poor crop management especially land preparation, and (iii) disrespect of cropping calendar. These issues should be addressed as common agenda in the CARD process.

Breeder's seed and foundation seed of improved varieties can be preserved and even multiplied in IRRI as well as WARDA. Seed multiplication, quality control and distribution systems should be established in each country to make quality seeds available to farmers timely. Farmers should be trained to collect seeds properly from their farm for next planting.

Poor crop management makes rice growth weak, conducive to low yield, and fertilizer application ineffective leading to low profit, even though improved varieties are used. Technique on land preparation especially leveling and paddling should be properly transferred. Cropping calendar must be followed by the farmers at the grass roots level supported by extension workers. Such crop management techniques should be packaged to serve as rice cultivation manual for extension.

WARDA has developed a training manual on integrated rice management in inland valley in Sub Sahara Africa. Such a useful training tool should be utilized more by training more trainers.

Other common issues may include efficient water management in irrigation, small machinery development such as tractors, weeders, threshers, winnowers, etc. Irrigated agriculture in the Western African countries is costly in general, as the irrigation water is pumped up from rivers using fossil fuels. Careful water management practice is necessary for the farmers in the irrigation area to save water cost to make rice more competitive and profitable. Innovative low cost crop management technique under irrigation should be developed involving farmers at the grass roots level. On the other hand, irrigation areas where higher rice yield has been realized should be studied to analyze the secrets for the high yield, so that the good practices could be applied to new irrigation areas.

Mechanization should be promoted by encouraging private sectors to participate in the industry to manufacture small agricultural machinery and equipment.

(3) Human resources development as a fundamental issue

Human resources development is a key to the success of rice production increase throughout the CARD process. The necessity of capacity development in rice production has already been recognized widely. In fact, many on-going rice related projects include capacity development activities. The capacity development related to rice production should be promoted further for all layers of stakeholders including farmers and extension workers in the short term target and researchers in the medium to long term target.

For farmers and extension workers, relationship between the life cycle of rice plant and timely farming practices should be learned to understand the importance of respecting cropping calendar. Site specific problems and constraints to rice plant growth should be solved through participatory approach by joint efforts of researchers, extension workers and farmers.

As for capacity development of researchers, Alliance for Green Revolution in Africa (AGRA) with the support of Rockefeller Foundation and Bill and Melinda Gates Foundation, funded to train 170 M.Sc. plant scientists and 80 Ph.D. plant scientists of African countries over a 5-year period under the Programme for Africa's Seeds Systems (PASS). This program is being implemented in cooperation with the University of Ghana, University of KwaZulu-Natal in South Africa, and the Cornell University in USA.

Japanese Government through Ministry of Agriculture, Forestry and Fisheries funds to train African rice researchers as well as non-rice agricultural researchers by sending them to and working with Japanese researchers working in Africa, Central and South America and Asia other than Japan.

While such efforts should be continued, curricula for rice production should be developed for training each level of people uniformly. Basic philosophy and knowledge on rice production should be transferred to all the stakeholders.

(4) Institutionalization of the entire CARD process involving donors at country level

In view of the different stages of rice development among the first group countries of CARD, the CARD process should be coordinated at country level. Country specific issues and problems on rice development should be discussed at each country among all the stakeholders including donors.

Country office of CARD member organizations should play a coordinating role between the Government and donors. The CARD secretariat at Nairobi will be responsible for overall coordination, and provide support to any country when necessary. It is also expected to take initiative to formulate regional project/program on common issues for multiple countries as mentioned above, in cooperation with international research institute or multi lateral donor agencies.

Appendix 1
Country Profile Related to Rice

Access to Information of Country Profile Related to Rice

There are 4 kinds of data sets procured from International organization and others.

- FAOSTAT (FAO) (<http://faostat.fao.org/site/291/default.aspx>)
- World Development Indicator (World Bank) (<http://devdata.worldbank.org/data-query>)
- Human Development Report (UNDP) (<http://hdrstats.undp.org/indicators>)
- World Fact Book 2008 (US Central Intelligence Agency (CIA))
(<https://www.cia.gov/library/publications/the-world-factbook/index.html>)

Data source and processing method for each item are as follows.

Item	Data source	Processing method
Country area (2005)	FAOSTAT, Resource STAT, Land	
Population (2007)	World Bank, World Development Indicators, 2008	
Population density (1997-2007 average)		$\text{Population (2007)} \div \text{Country area (2005)}$
Population growth rate (%)	FAOSTAT, Pop STAT, Annual Time Series	Annual population growth rate (%) from 1997-2007 = $\{(\text{Population}_{1997} / \text{Population}_{2007})^{1/10}\} - 1$
Poverty rate	UNDP, Human Development Report, 2007/2008	Rate of population living below \$1 a day of the total population. The latest data from 1990 to 2005 is used, but precise year is unclear.
GDP (2007)	World Bank, World Development Indicators, 2008	Data from 2007
GDP per capita (2005)	UNDP Human Development Report, 2007/2008	Data from 2005
GDP composition by sector (%)	The World Fact Book 2008, CIA	Data from 2008. But 2007 for Kenya, 2006 for Ghana, 2001 for Mali and Sierra Leone
Agricultural population rate (%)	FAOSTAT, Pop STAT, Annual Time Series	$\text{Agricultural population (2006)} \div \text{total population (2006)} \times 100$
Domestic supply of staple food (2003)	FAOSTAT, Commodity Balances, Crops Primary Equivalent	Domestic supply of Cereals, roots and tuber (dry equivalent: 27% of raw weight) and plantain (25% of raw weight as dry equivalent weight of edible part) = Production quantity + import quantity + stock variation – export quantity

Item	Data source	Processing method
Domestic supply of rice (2003)	FAOSTAT, Commodity Balances, Crops Primary Equivalent	Domestic supply of rice = Production quantity + import quantity + stock variation – export quantity
Percentage of rice in a staple food (2003)	FAOSTAT, Commodity Balances, Crops Primary Equivalent	Domestic supply of rice ÷ Domestic supply of staple food × 100
Self-sufficiency ratio of staple food (2003)	FAOSTAT, Commodity Balances, Crops Primary Equivalent	Production quantity of staple food (cereals, roots and tuber (dry equivalent: 27% of raw weight) and plantain (25% of raw weight as dry equivalent weight of edible part) ÷ Food quantity of staple food × 100
Self-sufficiency of rice (2003)	FAOSTAT, Commodity Balances, Crops Primary Equivalent	Rice production quantity ÷ Food quantity of rice × 100
Import value of staple food (2006) (US\$)	FAOSTAT, Trade STAT, Crops and livestock products	Total of import value of cereals, roots and tuber (dry equivalent), plantain and wheat and flour (wheat equivalent)
Import value of rice (2006)	FAOSTAT, Trade STAT, Crops and livestock products	
Rice production and supply-demand balance: Area harvested, yield production (rough rice)	FAOSTAT, Prod STAT, Crops	
Rice production and supply-demand balance: production (milled), import quantity (milled equivalent), domestic supply, food quantity of rice	FAOSTAT, Food Balance Sheets	<ul style="list-style-type: none"> • Domestic supply = Production quantity + import quantity + stock • Food quantity of rice = Domestic supply - feed quantity - seed quantity - food manufacture – waste quantity - other uses quantity
Annual rice consumption per capita		Food quantity (rice) / population

Country Profile Related to Rice: Cameroon

Total area (2005):	475,440 km ²	Responsible Ministry:	Ministère de l'Agriculture et du Développement Rural (MINADER)
Population (2005):	18,532,799	Research Institute:	Institut de Recherche Agricole pour le Développement (IRAD)
Population density:	39 person/km ²	Agr. Policy Paper:	Stratégie de Développement du Secteur Rural (SDSR)
Population growth rate ('97-'07 average.):	2.3 %	Domestic supply of staple food (2003):	3,292.2 (1,000 ton)
Poverty rate (1990-2005 latest):	17.1 %	Domestic supply of rice (2003):	338.0 (1,000 ton)
GDP (2007):	20,644,331,520 US\$	Percentage of rice in a staple food (2003):	10.3 %
GDP per capita (2005):	1,034 US\$	Self-sufficiency ratio of staple food (2003):	106.3 %
GDP composition by sector (2008):		Self-sufficiency ratio of rice (2003):	12.2 %
Agriculture	43.5 %	Import value of staple food (2006)	333,098,000 US\$
Industry	16.0 %	Import value of rice (2006)	136,764,000 US\$
Services	40.5 %		
Agric. population rate (2006):	45.4 %		

Production, Import and Food Aid of Rice

Production, Import and Food aid: 1,000 ton

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Area harvested (1,000ha)	15.0	20.4	20.4	20.5	40.0	39.7	40.2	40.6	40.0	40.0
Yield (ton/ha)	3.5	3.3	3.0	3.0	1.1	1.2	1.2	1.3	1.3	1.2
Production as paddy	53.2	67.5	61.3	62.0	44.5	47.2	50.0	52.9	52.0	49.0
Import (milled rice equiv.)	135.3	151.6	158.2	250.5	328.8	243.4	301.1	433.0	429.9	n.a.
Food aid in rice (milled)	2.6	2.8	-	1.7	0.4	22.5	12.7	12.3	4.9	n.a.

Supply of Rice and Consumption

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Domestic supply quantity	125.4	122.5	149.5	172.0	150.6	197.0	163.9	291.9	273.5	338.0
Food	120.2	118.4	145.5	166.6	145.1	190.7	157.7	283.8	265.8	328.9
Consumption per capita	8.8	8.4	10.1	11.3	9.6	12.3	9.9	17.5	16.0	19.3

Note: 1,000 ton for Domestic supply quantity and Food; kg/year for consumption per capita

National Rice Development Strategy:

1. Projection of Rice Production

Area: 1,000 ha; Yield: ton/ha; Prod. (production): 1,000 ton

Year	Upland			Lowland unirrigated			Irrigated lowland			Total		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
2008	20	1.5	30	10	2.0	20	14.3	3.5	50	44	2.3	100
2013	24	2.0	48	11	2.5	28	26	5.0	130	61	3.4	206
2018	279	2.5	698	30	3.5	105	33	5.0	165	342	2.8	968

2. Need in human resources for research and outreach

Year	Researchers with MSc/PhD			Research Technicians			Extension Officers		
	Rice Specialists		Total	Rice Specialists		Total	Rice Specialists		Total
	full time	part time		full time	part time		full time	part time	
2008	8	4	12	8	6	14	33	317	350
2013	10	9	19	16	12	28	520	440	970
2018	12	10	22	10	20	30	660	537	1197

3. Strategy

Sub-sector	Strategy
Seeds	Seed multiplication (both foundation, and certified seeds), Selection of improved variety
Fertilizer	Capacity building, improve legislative and regulatory framework, subsidy and credit
Irrigation	Support producers organization in management, rehabilitation of existing facilities, new development, water management and irrigated crop cultivation
Agr. Equipment	To build capacity to manufacture and repair tools and equipment, facilitate procurement
Research	NERICA varieties screening adapted to respective agro-ecological conditions
Structuring	Capacity development for rice farmers and extension officers. Institutionalization and professionalization
Credit	Financial and advisory support in acquisition and O&M of production infrastructure and marketing
Post-harvest	Establishment of processing units, repair storage facilities, information system, quality control
Environment	Follow the environmental policies and regulations
Other	191 billion FCFA for realizing NRDS target.

Country Profile Related to Rice: Ghana

Total area (2005):	238,540 km ²	Responsible Ministry:	Ministry of Food and Agriculture
Population (2005):	23,461,523	Research institute:	Crop Research Institute (CRI) & Soil Research Institute (SRI)
Population density:	98 person/km ²	Agr. Policy Paper	Food and Agriculture Sector Development Policy II (FASDEP II)
Population growth rate ('97-'07 average.):	2.2 %	Domestic supply of staple food (2003):	7,452.4 (1,000 ton)
Poverty rate (1990-2005 latest):	44.8 %	Domestic supply of rice (2003):	490.4 (1,000 ton)
GDP (2007):	15,245,550,592 US\$	Percentage of rice in a staple food (2003):	6.6 %
GDP per capita (2005):	485 US\$	Self-sufficiency ratio of staple food (2003):	146.1 %
GDP composition by sector (2006):		Self-sufficiency ratio of rice (2003)	32.5 %
Agriculture	37.3 %	Import value of staple food (2006)	261,784,000 US\$
Industry	25.3 %	Import value of rice (2006)	95,225,000 US\$
Services	37.5 %		
Agric. population rate (2006):	54.8 %		

Production, Import and Food Aid of Rice

Production, Import and Food aid: 1,000 ton

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Area harvested (1,000ha)	130.4	105.3	115.2	136.0	122.8	117.0	119.4	120.0	125.0	120.0
Yield (ton/ha)	1.5	2.0	2.2	2.0	2.3	2.0	2.0	2.4	2.0	2.0
Production as paddy	193.6	209.8	248.7	274.6	280.0	238.8	241.8	287.0	250.0	242.0
Import (milled rice equiv.)	78.0	69.1	167.0	368.1	314.3	755.0	448.0	484.5	264.7	n.a.
Food aid in rice (milled)	2.3	9.8	10.8	11.8	15.5	7.4	-	1.6	0.4	n.a.

Supply of Rice and Consumption

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Domestic supply quantity	342.9	294.9	205.5	171.8	186.2	241.3	336.0	565.9	517.1	490.4
Food	315.0	265.5	174.9	142.5	157.7	211.0	301.3	521.2	474.7	453.3
Consumption per capita	18.1	14.8	9.5	7.6	8.2	10.7	15.0	25.3	22.5	21.0

Note: 1,000 ton for Domestic supply quantity and Food; kg/year for consumption per capita

National Rice Development Strategy:

1. Projection of Rice Production Area: 1,000 ha; Yield: ton/ha; Prod. (production): 1,000 ton

Year	Upland			Rainfed lowland			Irrigated lowland			Total		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
2008	7	1.5	11	92	2.5	230	19	4.0	76	118	2.7	316
2013	30	2.2	66	150	3.0	450	25	5.0	125	205	3.1	641
2018	45	2.5	113	300	3.5	1,050	30	6.0	180	375	3.6	1,343

2. Need in human resources for research and outreach

Year	Researchers with MSc/PhD			Research Technicians			Extension Officers		
	Rice Specialists		Total	Rice Specialists		Total	Rice Specialists		Total
	full time	part time		full time	part time		full time	part time	
2008	28	20	48	15	9	24	70	2,230	2,300
2013	50	5	55	100	10	110	1,640	2,430	4,070
2018	55	5	60	120	10	130	3,000	2,630	5,630

3. Strategy

Sub-sector	Strategy
Seeds	Breeder and foundation seed production by public institutions and certified seed by private sector and farmer seed growers, genetic resource development and maintenance
Fertilizer	From import to increased local blending, haulage and storage facilities nationwide, repackaging to small packages, fundamental policy change for distribution to and affordability by smallholders
Irrigation	Rehabilitation of exiting schemes and development of gravity-controlled schemes, development of simple and low cost water control structure (dykes, bunding, catchment protection, drainage) by mobilized farmers
Agr. Equipment	Government's facilitation for easy and timely access to improved agricultural equipment, encouraging private sectors including public-private partnership ventures to play a greater role, adaptation and fabrication of equipment for small and medium scale operators along the value chain
Research	Technology development and dissemination along the rice value chain, improved variety development, soil fertility and soil-borne disease management technology, rice-based cropping system development, soil testing for appropriate soil amendments
Structuring	Capacity building of farmers and farmers communities for irrigation scheme maintenance, agricultural equipment operation; training of extension agents, researchers and private sectors, mobilization, linking and training of key actors (small holder producers, processors, traders)
Credit	Identification of credit sources for farmers and processors (through microfinance institutions), traders and processors, current and past credit implementation to be reviewed for suitable adoption,
Post-harvest	Minimizing postharvest loss and improvement of rice quality by improved rice mill, marketing by enhancement of preferred consumption of local rice, warehouse construction for storage of milled rice, rice marketing credit lines, improvement of access to producing areas and marketing centers
Environment	Study into land suitability, land use and delineation for rice-based cropping
Other	N/A

Country Profile Related to Rice: Guinea

Total area (2005):	245,860 km ²	Responsible Ministry:	Ministère de l'Agriculture, de l'Élevage, des Eaux et des Forêts (MAEEF)
Population (2005):	9,380,197	Research institute:	Institut de Recherche Agronomique de Guinée (IRAG)
Population density:	38 person/km ²	Agr. Policy Paper:	Politique Nationale de Développement Agricole (vision 2015)
Population growth rate ('97-'07 average.):	2.0 %	Domestic supply of staple food (2003):	1,705.4 (1,000 ton)
Poverty rate (1990-2005 latest):	.. %	Domestic supply of rice (2003):	786.6 (1,000 ton)
GDP (2007):	4,563,586,048 US\$	Share of rice in total staple food (2003):	46.1 %
GDP per capita (2005):	350 US\$	Self-sufficiency ratio of staple food (2003):	96.5 %
GDP composition by sector (2008):		Self-sufficiency ratio of rice (2003):	76.3 %
Agriculture	22.4 %	Import value of staple food (2006)	115,482,000 US\$
Industry	40.9 %	Import value of rice (2006)	50,237,000 US\$
Services	36.6 %		
Agric. population rate (2006):	81.5 %		

Production, Import and Food Aid of Rice

Production, Import and Food aid: 1,000 ton

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Area harvested (1,000ha)	610.7	637.6	665.6	601.1	629.7	659.7	691.1	724.0	758.4	788.8
Yield (ton/ha)	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8
Production as paddy	1,046.2	1,092.5	1,140.8	1,033.5	1,088.7	1,146.8	1,208.0	1,272.4	1,340.3	1,401.6
Import (milled rice equiv.)	159.8	209.7	172.4	251.4	332.0	307.3	97.9	159.4	195.6	n.a.
Food aid in rice (milled)	3.3	9.8	9.4	14.2	3.7	12.1	11.3	11.5	13.1	n.a.

Supply of Rice and Consumption

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Domestic supply quantity	641.5	702.1	681.6	666.2	675.7	722.1	716.3	789.4	806.7	786.6
Food	543.2	592.0	564.3	543.9	546.3	586.7	590.9	655.1	665.6	637.7
Consumption per capita	76.7	80.8	74.9	70.4	69.2	72.9	72.0	78.4	78.2	73.5

Note: 1,000 ton for Domestic supply quantity and Food; kg/year for consumption per capita

National Rice Development Strategy:

1. Projection of Rice Production

Area: 1,000 ha; Yield: ton/ha; Prod. (production): 1,000 ton

Year	Alluvial plain			Mangrove			Bas Fonds			Upland			Total		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
2008	75	1.50	112	133	2.50	333	83	2.00	166	541	1.10	595	832	1.45	1,207
2013	95	2.35	222	168	2.80	470	105	2.19	230	683	1.50	1,021	####	1.85	1,943
2018	119	3.26	389	212	3.00	635	133	2.30	305	861	1.62	1,397	####	2.06	2,726

2. Phasing Strategy

Phase 1 - Support for local rice production on 76,700 ha, 83% of which are rainfed and 13% bas-fonds.

(- 2009): - 11,686 ton of improved seeds, 64% of which are NERICA, and 16,641 ton of mineral fertilizer to be supplied

Phase 2 - Development of 50,000 ha of mangrove, 40,000 ha of alluvial plains, and 10,000 ha of bas-fond with (- 2013) total water control. 300,000 ha of upland are supported.

- 69,315 ton of improved seeds, and 41,601 ton of mineral fertilizer are to be used.

Phase 3 - Development of 160,000 ha of which 70,000 ha each are mangrove and alluvial plains and 20,000 ha (- 2018) are bas-fond. 500,000 ha of upland area are also supported.

- 50,556 ton of improved seed and 83,205 ton of fertilizer are supplied.

3. Key intervention points

(1) Investment on rice production is concentrated in two large development centers of mangrove plains in lower Guinea, and alluvial plains of upper Guinea, along the Niger river and its tributaries.

(2) Development of mangrove puts emphasis on water control facilities aiming of double cropping.

(3) Development of bas-fonds to diversify activities including rice-fish farming and off-season vegetable

(4) Upland rice production (NERICA) to be under intensive but sustainable system maintaining soil fertility.

(5) Strengthening of research and agricultural advisory services to improve productivity.

(6) Promotion of the use of improved varieties.

(7) Development of research based references (improved varieties, crop management plan, farm economy)

(8) Implementation of credit financing system to access to inputs

(9) Strengthening of post harvest activities through provision of rice hullers and steamers (for par-boiled rice)

(10) Storage facilities for food security and marketing.

Country Profile Related to Rice: Kenya

Total area (2005):	580,370 km ²	Responsible Ministry:	Ministry of Agriculture
Population (2005):	37,530,726	Research institute:	Kenya Agricultural Research Institute (KARI)
Population density:	65 person/km ²	Agr. Policy Paper	Kenya National Rice Development Strategy
Population growth rate (97-'07 average.):	2.6 %	Domestic supply of staple food (2003):	5,256.9 (1,000 ton)
Poverty rate (1990-2005 latest):	23 %	Domestic supply of rice (2003):	225.8 (1,000 ton)
GDP(2007):	29,508,593,664 US\$	Percentage of rice in a staple food (2003):	4.3 %
GDP per capita (2005):	547 US\$	Self-sufficiency ratio of staple food (2003):	87.6 %
GDP composition by sector (2007):		Self sufficiency ratio of rice (2003)	12.0 %
Agriculture	23.8 %	Import value of staple food (2006)	342,223,000 US\$
Industry	16.7 %	Import value of rice (2006)	62,968,000 US\$
Services	59.5 %		
Agric. population rate (2006):	72.6 %		

Production, Import and Food Aid of Rice

Production, Import and Food aid: 1,000 ton

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Area harvested (1,000ha)	8.6	13.2	13.9	13.2	13.0	10.8	13.2	15.9	18.0	18.5
Yield (ton/ha)	4.8	4.0	3.8	3.4	3.5	3.8	3.7	3.9	3.6	3.6
Production as paddy	41.8	52.7	52.3	45.0	45.0	40.5	49.3	62.7	64.8	66.0
Import (milled rice equiv.)	62.7	52.1	105.7	137.5	137.8	191.7	223.2	228.7	259.1	n.a.
Food aid in rice (milled)	-	0.4	-	-	-	5.2	0.8	3.2	7.2	n.a.

Supply of Rice and Consumption

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Domestic supply quantity	51.8	72.5	79.8	89.9	91.6	89.1	145.3	173.5	173.9	225.8
Food	48.8	70.6	78.4	85.9	88.4	87.1	142.7	170.6	171.0	221.5
Consumption per capita	1.8	2.6	2.8	3.0	3.0	2.9	4.6	5.3	5.2	6.6

Note: 1,000 ton for Domestic supply quantity and Food; kg/year for consumption per capita

National Rice Development Strategy:

1. Projection of Rice Production Area: 1,000 ha; Yield: ton/ha; Prod. (production): 1,000 ton

Year	Upland			Lowland unirrigated			Irrigated lowland			Total		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
2008	2	2.7	6	3	2.8	9	13	4.7	59	18	4.1	73
2013	3	3.1	9	4	3.2	13	18	5.1	93	25	4.6	115
2018	4	3.7	15	5	3.8	18	26	5.6	146	35	5.1	179

2. Need in human resources for research and outreach

Year	Researchers with MSc/PhD			Research Technicians			Extension Officers		
	Rice Specialists		Total	Rice Specialists		Total	Rice Specialists		Total
	full time	part time		full time	part time		full time	part time	
2008	8	12	20	28	20	48	132	685	817
2013	16	16	32	34	26	60	145	754	899
2018	34	22	56	52	32	84	160	829	989

3. Strategy

Sub-sector	Strategy
Seeds	Acquire germplasm; Develop new rice varieties; Produce, multiply and distribute quality rice seeds, Private sector development, Infrastructure and equipment
Fertilizer	Fertilizer marketing and distribution, Adequate supply and marketing of high quality inputs, Carry out soil health/fertility trials, Soil water relationship research, Appropriate crop rotations
Irrigation	Improvement, rehabilitation, modernization and expansion of irrigation infrastructure, emphasizing gravity irrigation systems, Increase irrigation water supply through water harvesting, Build capacity in irrigation and drainage research and water management
Agr. Equipment	Improving appropriate mechanization techniques; Research on land preparation, harvesting and post harvest equipments
Research	Providing functional research and extension infrastructure; Facilitating private sector participation in technology development and transfer; Strengthening research-extension-farmer linkages; Developing, packaging, disseminating and promoting appropriate technologies; Addressing human health against malaria and water borne diseases in irrigated system; Joint research conferences /committees; Avail published documents to the stakeholders
Structuring	Establishment of National Rice Stakeholders' Forum (NRSF), Regional and international linkages, collaboration and partnerships, Form producer organizations
Credit	Mobilization of government and donor support with respect to technical and financial assistance, Ensuring affordable credits to farmers
Postharvest	Undertake studies to determine field and storage losses, Improving harvesting timing and post harvest handling techniques, Developing and introducing harvesting and processing equipments
Marketing	Development of competitive marketing channels, Stabilize rice prices in the event of oversupply
Agricultural extension	Training on rice production, processing and marketing, Pamphlets, brochures and video messages, Update growers manual regularly, Field days and demonstrations
Land tenure	Improving land tenure system
Capacity building	Building adequate human resource for rice research, extension, production and agro-processing, Creating enabling environment for motivation and retention of staff in research and extension, Training for skills development
Other	Monitoring and evaluation of technology uptake and status of rice in the country

Country Profile Related to Rice: Madagascar

Total area (2005):	587,040 km ²	Responsible Ministry:	Ministère de l'Agriculture, de l'Elevage et de la Pêche
Population (2005):	19,669,953	Research institute:	Foibe Momba ny Fiompiana ny Fambolena (FOFIFA)
Population density:	34 person/km ²	Agr. Policy Paper	Politique de Développement Rizicole (2002), Programme Sectoriel Agricole (2008, Draft)
Population growth rate ('97-'07 average.):	2.9 %		
Poverty rate (1990-2005 latest):	61 %	Domestic supply of staple food (2003):	3,479.5 (1,000 ton)
GDP(2007):	7,326,431,744 US\$	Domestic supply of rice (2003):	2,123.3 (1,000 ton)
GDP per capita (2005):	271 US\$	Percentage of rice in a staple food (2003):	61.0 %
GDP composition by sector (2008):		Self-sufficiency ratio of staple food (2003):	106.4 %
Agriculture	26.0 %	Self sufficiency ratio of rice (2003)	88.0 %
Industry	15.9 %	Import value of staple food (2006)	98,933,000 US\$
Services	58.1 %	Import value of rice (2006)	45,849,000 US\$
Agric. population rate (2006):	71.6 %		

Production, Import and Food Aid of Rice

Production, Import and Food aid: 1,000 ton

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Area harvested (1,000ha)	1,203.0	1,207.5	1,209.3	1,212.7	1,216.0	1,219.4	1,238.0	1,250.0	1,291.0	1,300.0
Yield (ton/ha)	2.0	2.1	2.1	2.2	2.1	2.3	2.4	2.7	2.7	2.8
Production as paddy	2,447.0	2,570.0	2,480.5	2,662.5	2,604.0	2,800.0	3,030.0	3,393.0	3,485.0	3,596.0
Import (milled rice equiv.)	58.0	94.5	207.7	172.7	60.7	254.1	151.4	312.9	155.4	n.a.
Food aid in rice (milled)	11.6	0.9	22.8	15.4	4.7	6.7	15.8	16.7	17.4	n.a.

Supply of Rice and Consumption

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Domestic supply quantity	1,630.8	1,635.5	1,673.6	1,723.0	1,754.8	1,787.5	1,943.1	1,997.7	1,994.7	2,123.3
Food	1,215.1	1,245.3	1,294.3	1,345.0	1,397.1	1,420.1	1,563.5	1,606.6	1,627.3	1,712.7
Consumption per capita	89.8	89.3	90.1	90.8	91.6	90.3	96.6	96.4	94.9	97.1

Note: 1,000 ton for Domestic supply quantity and Food; kg/year for consumption per capita

Country Profile Related to Rice: Mali

Total area (2005):	1,240,190 km ²	Responsible Ministry:	Ministère de l'Agriculture
Population (2005):	12,334,168	Research institute:	Institut d'Economie Rurale (IER)
Population density:	10 person/km ²		
Population growth rate: ('97-'07 average.)	3.0 %	Agr. Policy Paper:	Le Programme de Développement Economique et Social (PDES); La Loi d'Orientation Agricole (LOA)
Poverty rate (1990-2005 latest):	36.1 %		
GDP(2007):	6,862,520,320 US\$	Domestic supply of staple food (2003):	2,779.3 (1,000 ton)
GDP per capita (2005):	392 US\$	Domestic supply of rice (2003):	737.1 (1,000 ton)
GDP composition by sector (2001):		Percentage of rice in a staple food (2003):	26.5 %
Agriculture	45.0 %	Self-sufficiency ratio of staple food (2003):	102.6 %
Industry	17.0 %	Self sufficiency ratio of rice (2003)	84.9 %
Services	38.0 %	Import value of staple food (2006)	157,978,000 US\$
Agric. population rate (2006):	53.8 %	Import value of rice (2006)	45,506,000 US\$

Production, Import and Food Aid of Rice

Production, Import and Food aid: 1,000 ton

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Area harvested (1,000ha)	326.4	325.1	352.7	468.2	360.4	405.6	451.0	414.0	412.5	377.0
Yield (ton/ha)	2.2	2.2	2.1	2.0	2.0	2.3	1.6	2.3	2.6	2.5
Production as paddy	717.9	727.1	742.6	940.9	710.4	931.9	718.1	945.8	1,053.2	955.3
Import (milled rice equiv.)	90.2	82.4	51.9	79.0	202.8	186.6	105.1	272.1	174.2	n.a.
Food aid in rice (milled)	-	-	0.5	-	-	-	5.9	12.9	11.8	n.a.

Supply of Rice and Consumption

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Domestic supply quantity	304.0	358.5	486.5	435.5	538.0	575.6	592.3	594.0	557.3	737.1
Food	263.5	315.3	436.5	387.7	485.6	519.8	525.9	528.1	498.0	664.2
Consumption per capita	31.0	36.1	48.7	42.1	51.3	53.4	52.6	51.3	47.0	60.8

Note: 1,000 ton for Domestic supply quantity and Food; kg/year for consumption per capita

National Rice Development Strategy:

1. Projection of Rice Production

Area: 1,000 ha; Yield: ton/ha; Prod. (production): 1,000 ton

Year	Upland			Rainfed			Irrigated			Total		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
2008	138	3.0	414	14.2	2	28.4	125	6.5	809	277	4.5	1,251
2013	184	3.6	662	17.0	3	42.5	166	7.8	1,295	367	5.4	2,000
2018	245	4.1	994	20.4	3	63.9	220	8.8	1,943	486	6.2	3,000

2. Need in human resources for research and outreach

Year	Researchers with Masters/PhD			Agricultural Technicians			Extension officers
	Total	Permanent staff (rice growing)	Contractual (rice growing)	Total	Permanent staff (rice growing)	Contractual (rice growing)	
2008	234	12	3	207	17	3	402
2013	253	14	5	212	19	5	1,200
2018	273	17	7	217	21	7	1,700

3. Strategy for Rice Production Increase

Sub-sector	Strategy
Seeds (National seed policy)	- Foundation seed to be produced by IER and multiplied by contract farmers. - Privatization of the production and distribution of certified seeds
Phytogenetic resources	- Preserve and maintenance of genetic resources for new variety development - Construction of infrastructure (cold rooms) - Human resources development in seed technologies - Adoption of bills, decrees, and technical regulations
Fertilizers	Provision of credit for inputs by organized producers (existing) through a network of saving and credit banks.
Post harvest & marketing	Enhance competitiveness of local rice by improving storage, processing with consistent support of research institutions and development of processing sector
Irrigation & water control	National Strategy for Irrigation Development (SNDI) in 1999. More involvement of private sector for investment and beneficiaries for development
Strengthening of research and extension	Development of improved varieties (short growth duration) and crop production techniques; Dissemination of developed techniques
Agricultural loan	A national fund for agricultural development, disaster fund, guarantee fund.

Country Profile Related to Rice: Mozambique

Total area (2005):	799,380 km ²	Responsible Ministry:	Ministry of Agriculture (MINAG)
Population (2005):	21,372,202	Research Institute:	National Institute of Agricultural Research (IIAM)
Population density:	27 person/km ²	Agr. Policy Paper:	Action Plan for Food Production (PAPA); Development Strategy for the Rice Sector in Mozambique
Population growth rate: ('97-'07 average.):	2.4 %		
Poverty rate (1990-2005 latest):	36.2 %	Domestic supply of staple food (2003):	4,372.1 (1,000 ton)
GDP(2007):	7,751,984,640 US\$	Domestic supply of rice (2003):	297.0 (1,000 ton)
GDP per capita (2005):	335 US\$	Percentage of rice in a staple food (2003):	6.8 %
GDP composition by sector (2008):		Self-sufficiency ratio of staple food (2003):	104.0 %
Agriculture	23.4 %	Self sufficiency ratio of rice (2003)	45.0 %
Industry	30.7 %	Import value of staple food (2006)	318,839,000 US\$
Services	45.9 %	Import value of rice (2006)	96,300,000 US\$
Agric. population rate (2006):	75.1 %		

Production, Import and Food Aid of Rice

Production, Import and Food aid: 1,000 ton

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Area harvested (1,000ha)	181.0	186.1	184.2	155.0	172.6	179.0	178.6	180.0	194.3	204.0
Yield (ton/ha)	1.1	1.0	1.0	0.6	0.7	1.1	1.0	1.0	0.9	1.0
Production as paddy	191.0	186.1	180.8	93.4	117.5	200.4	177.4	174.0	182.6	196.0
Import (milled rice equiv.)	48.7	34.0	70.0	31.5	76.0	159.4	262.6	259.3	382.3	n.a.
Food aid in rice (milled)	2.0	21.1	58.8	121.1	93.8	26.1	19.7	45.8	18.5	n.a.

Supply of Rice and Consumption

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Domestic supply quantity	129.9	136.9	167.9	155.9	177.4	148.8	219.0	144.5	189.9	297.0
Food	118.2	123.2	152.9	139.7	160.4	134.1	202.8	129.4	173.2	276.8
Consumption per capita	7.7	7.7	9.3	8.3	9.3	7.6	11.1	6.9	9.1	14.1

Note: 1,000 ton for Domestic supply quantity and Food; kg/year for consumption per capita

National Rice Development Strategy:

1. Projection of Rice Production

Milled rice amount is calculated as 60% of production.

Year	Area (ha)	Yield (ton/ha)	Production (ton)	Milled rice* (ton)	Consumption (ton)	Deficit/Surplus (ton)
2008	231,301	1.15	265,098	159,059	552,475	-393,416
2013	352,769	2.90	1,023,030	613,818	625,075	-11,257
2018	389,485	3.50	1,363,199	817,919	707,215	110,705

Note: This scenario anticipates closing the gap between production and consumption in 7 years; The calculations imply an area increase of 191% in 10 years of which: 13% (2008/2007) and 2% (2009/2008) onwards; Yield projection with 364% in 10 years and more than double in 3 years.

2. Strategy

Sub-sector	Strategy
Seed	- Genetic purification and increase in production of seeds of improved varieties. - IIAM in cooperation with IRRI. At Chokwe (irrig.) and Quilimane (rainfed) - use of improved seed: 80% of total area by 2015
Fertilizer	Area under fertilizer use covers 40% of total by 2015
Post-harvest	- Promote private investment under the current law on investment for rehabilitation of existing milling factories - Grading and quality standard to be established for future export
Irrigation and water control technologies	- Irrigation development to be promoted further. - Irrigation development strategy under preparation - 188 water pumps for suppl. irrigation needed for the first 3 years with 219 M USD..
Agric. Research	- IIAM to collect and preserve genetic materials for selecting varieties appropriate for the Mozambican agro-ecosystem
Agric. Extension	Based on agricultural knowledge and information system (AKIS) at provincial and district level
Agric. Training	- Training on association management, irrigation management, rice production techniques, marketing, storage and conservation by conducted.
Access to credit/ agricultural finance	Provision of inputs to producers: (Central and Northern Clusters: vouchers/revolving fund, South: concessional credit)
Other strategy	Four rice production clusters (Xai-xai, Beira, Quelimane, and Nampula)

Country Profile Related to Rice: Nigeria

Total area (2005):	923,770 km ²	Responsible Ministry:	Federal Ministry of Agriculture and Water Resources
Population (2005):	147,982,941	Research institute:	National Cereals Research Institute (NCRI)
Population density:	160 person/km ²	Agr. Policy Paper:	National Food Security Programme
Population growth rate ('97-'07 average.):	2.5 %		
Poverty rate (1990-2005 latest):	70.8 %		
GDP(2007):	165,690,064,896 US\$	Domestic supply of staple food (2003):	43,619.9 (1,000 ton)
GDP per capita (2005):	752 US\$	Domestic supply of rice (2003):	3,853.9 (1,000 ton)
GDP composition by sector (2008):		Percentage of rice in a staple food (2003):	8.8 %
Agriculture	18.0 %	Self-sufficiency ratio of staple food (2003):	152.2 %
Industry	50.9 %	Self sufficiency ratio of rice (2003)	58.4 %
Services	31.1 %	Import value of staple food (2006)	1,610,064,000 US\$
Agric. population rate (2006):	28.1 %	Import value of rice (2006)	295,585,000 US\$

Production, Import and Food Aid of Rice

Production, Import and Food aid: 1,000 ton

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Area harvested (1,000ha)	2,044.0	2,191.0	2,199.0	2,117.0	2,185.0	2,210.0	2,348.0	2,494.0	2,725.0	3,000.0
Yield (ton/ha)	1.6	1.5	1.5	1.3	1.3	1.4	1.4	1.4	1.5	1.6
Production as paddy	3,275.0	3,277.0	3,298.0	2,752.0	2,928.0	3,116.0	3,334.0	3,567.0	4,042.0	4,677.4
Import (milled rice equiv.)	594.1	812.5	785.8	1,770.1	1,236.4	1,600.7	1,397.1	1,174.1	974.7	n.a.
Food aid in rice (milled)	-	-	-	-	12.5	-	10.5	-	-	n.a.

Supply of Rice and Consumption

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Domestic supply quantity	1,969.9	2,248.5	2,428.9	2,880.9	2,780.3	3,000.7	2,993.3	3,597.6	3,321.7	3,853.9
Food	1,749.2	1,997.6	2,155.6	2,591.3	2,487.5	2,703.2	2,695.7	3,283.8	2,978.2	3,485.7
Consumption per capita	16.5	18.3	19.2	22.5	21.0	22.2	21.6	25.6	22.7	25.9

Note: 1,000 ton for Domestic supply quantity and Food; kg/year for consumption per capita

National Rice Development Strategy:

1. Projection of Rice Production

Area: 1,000 ha; Yield: ton/ha; Prod. (production): 1,000 ton

Year	Upland			Rainfed lowland			Irrigated lowland			Total		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
2008	937	0.71	661	1,655	1.39	2,294	531	1.98	1,051	3,123	1.28	4,005
2013	985	1.01	991	2,151	1.60	3,441	685	2.30	1,575	3,821	1.57	6,008
2018	944	1.40	1,322	2,294	2.00	4,589	840	2.50	2,100	4,079	1.96	8,011

2. Need in human resources for research and outreach

Year	Researchers MSc/PhD			Research Technicians			Extension Officers				
	Rice Specialists		Total	Rice Specialists		Total	Rice Specialists		Facilitators (short)		Total
	full time	part time		full time	part time		full time short term	part time long term	local	overseas	
2008	20	10	30	15	-	15	17,760	740	116	40	18,656
2013	25	15	40	20	10	30	17,760	888	116	40	18,656
2018	30	20	50	25	15	40	8,880	518	58	20	9,476

3. Strategy

Sub-sector	Strategy
Seeds	Development of new varieties, use of hybrid rice, seed production & distribution by public institutional support and through community based seed systems (CBSS), private investors involvement
Fertilizer	Government's subsidy for chemical fertilizers, private sector-driven marketing & distribution and infrastructure development, increase of local production, quality control framework
Irrigation	Rehabilitation/modernization of existing irrigation schemes, development of small to medium scale diversion schemes, training for sustainable water management, ultimate ownership of beneficiary communities or cooperative societies (Water Users Association)
Agr. Equipment	Low to medium scale farm machinery through all works from land preparation, crop management and harvest, incentives for demand and supply for mechanization
Research	Development of appropriate post-harvest technology, genetic resource conservation, development new varieties and participatory varietal selection (PVS), integrated rice management technology, low-cost water control measures
Structuring	Strengthening of linkages between research, extension, farmers and the seed system; capacity building of extension agents, farmers associations, processors, etc., reduction of extension agent/farmer from 1/10000 to 1/1000; adoption of farmers' participatory technology dissemination methods
Credit	Sourcing dedicated credit fund to the smallholder farmers by the Government, use of taxes levied on imported rice be channeled to support rice production and processing
Post-harvest	Deployment of a large number of harvesting and post-harvest processing facilities (mills) with trained farmers and processors; Enhancing market infrastructure, packaging size, grading and strict quality control, market information, publicity of locally produced and processed rice
Environment	Proper environmental impact assessment (EIA) before embarking on any medium to large scale irrigation projects
Other	Value addition to local rice, promotion of commercial rice production through Public-Private Partnerships (PPP), better policy environment for rice sector development

Country Profile Related to Rice: Senegal

Total area (2005):	196,720 km ²	Responsible Ministry:	Ministère de l'Agriculture
Population (2005):	12,411,094	Research institute:	Institut sénégalais de recherches agricoles (ISRA)
Population density:	63 person/km ²	Agr. Policy Paper:	Le Programme National d'Autosuffisance en Riz (PNAR), La Loi d'Orientation Agro-sylvo-pastorale
Population growth rate: ('97-'07 average.)	2.7 %	Domestic supply of staple food (2003):	2,304.1 (1,000 ton)
Poverty rate (1990-2005 latest):	17 %	Domestic supply of rice (2003):	1,008.0 (1,000 ton)
GDP(2007):	11,151,151,104 US\$	Percentage of rice in a staple food (2003):	43.7 %
GDP per capita (2005):	707 US\$	Self-sufficiency ratio of staple food (2003):	81.4 %
GDP composition by sector (2008):		Self-sufficiency ratio of rice (2003)	15.3 %
Agriculture	16.0 %	Import value of staple food (2006)	407,341,000 US\$
Industry	19.4 %	Import value of rice (2006)	208,808,000 US\$
Services	64.6 %		
Agric. population rate (2006):	71.7 %		

Production, Import and Food Aid of Rice

Production, Import and Food aid: 1,000 ton

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Area harvested (1,000ha)	45.4	95.8	86.3	87.2	76.0	87.8	81.5	97.8	85.0	79.7
Yield (ton/ha)	2.7	2.5	2.3	2.4	2.3	2.6	2.5	2.9	2.2	2.7
Production as paddy	123.5	239.8	202.3	207.0	172.4	231.8	201.7	279.1	190.5	215.2
Import (milled rice equiv.)	557.1	625.2	536.9	682.1	792.2	890.0	820.7	855.9	705.9	n.a.
Food aid in rice (milled)	9.5	8.1	23.6	16.3	11.8	13.3	19.5	13.4	10.8	n.a.

Supply of Rice and Consumption

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Domestic supply quantity	455.0	542.7	585.5	585.8	636.2	702.7	749.0	841.7	900.2	1,008.0
Food	436.1	521.9	562.4	564.9	613.0	674.0	722.0	676.8	739.0	774.4
Consumption per capita	49.5	57.6	60.5	59.2	62.5	67.0	69.9	63.8	67.9	69.3

Note: 1,000 ton for Domestic supply quantity and Food; kg/year for consumption per capita

National Rice Development Strategy:

1. Projection of Rice Production

Area: 1,000 ha; Yield: ton/ha; Prod. (production): 1,000 ton

Year	Irrigated									Rainfed			Total (Irrigated + Rainfed)		
	Senegal river			Anambé			Irrigated total			Area	Yield	Prod.	Area	Yield	Prod.
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.						
2008	55	6.2	341	7.5	4.5	34	62.5	6.0	375	80	2.0	160	143	3.8	535
2010	106	6.2	655	9.5	3.8	36	115	6.0	691	90	2.5	225	205	4.5	916
2012	176	6.2	1,089	20.5	4.3	88	196	6.0	1,176	131	2.5	327.5	327	4.6	1,504

2. Strategy

Sub-sector	Strategy
(1) Irrigated rice production	- Senegal River Valley (Saint Louis and Matam) and Anambé (Kolda) - Irrigation area increase through rehabilitation, recovery and new development - Promotion of mechanization through the use of motorized thresher (ASI), through the development and promotion of rice reapers - Improvement of the quality of domestic rice through the improvement of processing facilities
(2) Rainfed rice production	- Fatick, Kaolack, Tambacounda, Kolda and Ziguinchor - Countermeasures to salinity, use of fertilizer, introduction of adapted rice varieties, micro credit, rehabilitation of research facilities.
(3) Marketing	- Better marketing organization to buy, process and sell rice in shorter time
(4) Supporting measures	- Pursuance of input subsidy; - Development of an adapted seed policy; - Support of promotion of by-products of rice; - Facilitation of access to credit; - Disconnection of seasonal loans,

3. Cost Required (2009-2012): 462.7 billion FCFA (=940 million USD)

Irrigation : 214 billion FCFA (reconstruction: 15,000 ha with 300,000 FCFA/ha, rehabilitation: 20,000 ha with 600,000 FCFA/ha, new development: 65,720 ha with 3,000,000 FCFA/ha, maintenance: 4,180 ha with 362 million FCFA)

Seasonal Loan: 74.7 billion FCFA

Other cost (land development, inputs subsidies, facility rehabilitation, mechanization support): 174 billion FCFA

Country Profile Related to Rice: Sierra Leone

Total area (2005):	71,740 km ²	Responsible Ministry:	Ministry of Agriculture, Forestry and Food Security (MAFFS)
Population (2005):	5,848,320	Research institute:	Rokupr Agricultural Research Centre (RARC)
Population density:	82 person/km ²	Agr. Policy Paper:	National Sustainable Agriculture Development Plan (NSADP)
Population growth rate ('97-'07 average.):	3.3 %	Domestic supply of staple food (2003):	698.6 (1,000 ton)
Poverty rate (1990-2005 latest):	57 %	Domestic supply of rice (2003):	420.3 (1,000 ton)
GDP(2007):	1,672,188,160 US\$	Percentage of rice in a staple food (2003):	60.2 %
GDP per capita (2005):	216 US\$	Self-sufficiency ratio of staple food (2003):	53.8 %
GDP composition by sector (2001):		Self-sufficiency ratio of rice (2003):	42.1 %
Agriculture	49.0 %	Import value of staple food (2006)	44,585,000 US\$
Industry	31.0 %	Import value of rice (2006)	24,533,000 US\$
Services	21.0 %		
Agric. population rate (2006):	58.9 %		

Production, Import and Food Aid of Rice

Production, Import and Food aid: 1,000 ton

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Area harvested (1,000ha)	284.8	213.1	183.2	300.0	420.0	440.0	540.0	730.0	1,000.0	630.0
Yield (ton/ha)	1.2	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.0
Production as paddy	328.3	247.2	199.1	300.0	422.1	445.6	542.0	738.0	1,062.3	650.0
Import (milled rice equiv.)	150.0	150.0	100.0	125.0	242.8	141.2	18.0	80.7	90.4	n.a.
Food aid in rice (milled)	3.5	1.2	0.2	1.1	1.5	4.0	9.7	0.2	6.9	n.a.

Supply of Rice and Consumption

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Domestic supply quantity	410.1	407.0	379.8	387.7	379.7	422.2	445.1	429.5	405.9	420.3
Food	350.7	351.2	324.4	333.9	334.2	380.3	407.9	392.8	369.2	381.8
Consumption per capita	84.9	84.8	77.8	79.2	78.0	86.8	90.2	83.5	75.0	73.9

Note: 1,000 ton for Domestic supply quantity and Food; kg/year for consumption per capita

National Rice Development Strategy:

1. Projection of Rice Production

Area: 1,000 ha; Yield: ton/ha; Prod. (production): 1,000 ton

Year	Upland			IVS			Mangrove+Riverain			Boliland			Total		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
2007	364	0.8	274	170	1.2	209	76	1.23	93	50	1.23	62	659	0.97	638
2013	400	1.3	500	225	2.5	563	125	2.50	313	80	1.50	120	830	1.80	1,495
2018	425	1.5	638	400	4.0	1,600	175	3.50	613	100	2.50	250	1,100	2.82	3,100

Mangrove are in 2008, 2013 and 2018 is 70,000, 100,000 and 125,00 ha, respectively.

2. Need in human resources for research and outreach

Year	Researchers with MSc/PhD			Research Technicians			Extension Officers		
	Rice Specialists		Total	Rice Specialists		Total	Rice Specialists		Total
	full time	part time		full time	part time		full time	part time	
2008	18	0	18	10	5	15	300	50	350
2013	25	2	27	15	5	20	400	150	550
2018	25	5	30	20	5	25	450	150	600

3. Strategy

Sub-sector	Strategy
Seeds	Shifting from public sector to private one for seed production and marketing; Government institutional support for seed quality control and variety evaluation, release and withdrawal
Irrigation	Flood and erosion control measures, development of both small and large scale irrigation schemes, efficient use of water resources through participatory methods, water infrastructure construction
Agr. Equipment	Private sector involvement in mechanization, use of imported equipment in the intended agro-ecologies, work-oxen training, accelerating the development and local fabrication of suitable equipment for use by small scale and intermediate farmers
Research	Development of high yielding varieties, on-farm storage technology development, improved post-harvest handling and processing practices to reduce crop loss, adequate funding of research bodies with specific activities with measurable goals, linkage between research and extension
Structuring	Training of machinery operators and mechanics, community based participatory extension system, continuous education of frontline extension workers, communication channels and networks among researchers, extension agents and farmers
Credit	Finance/credit policy for agricultural development, private lending institutions for agricultural investment, encouraging private lending institutions for the granting of bulk loans to farmers and farmers's groups/associations
Post-harvest	On-farm and off-farm storage, private sector involvement, assessment of post-harvest loss; General surveillance over the free commodity market operations, private sector marketing cooperatives, market information, rural road and market construction, food safety
Other	Public institutions domestic rice only.

Country Profile Related to Rice: Tanzania

Country: Tanzania		Responsible Ministry: Ministry of Agriculture, Food Security and Cooperatives (MAFC)
Total area (2005): 947,300 km ²	Population (2005): 40,432,163	Research institute: Kilombero Agricultural Training and Research Institute (KATRIN)
Population density: 43 person/km ²	Population growth rate ('97-'07 average.): 2.5 %	Agr. Policy Paper: Agricultural Sector Development Strategy (ASDS)
Poverty rate (1990-2005 latest): 57.8 %	GDP(2007): 16,180,884,480 US\$	Domestic supply of staple food (2003): 7,548.5 (1,000 ton)
GDP per capita (2005): 316 US\$	GDP composition by sector (2008):	Domestic supply of rice (2003): 631.1 (1,000 ton)
Agriculture 27.0 %	Industry 22.7 %	Percentage of rice in a staple food (2003): 8.4 %
Services 50.3 %	Agric. population rate (2006): 75.2 %	Self-sufficiency ratio of staple food (2003): 104.8 %
		Self sufficiency ratio of rice (2003) 68.7 %
		Import value of staple food (2006) 326,564,000 US\$
		Import value of rice (2006) 22,498,000 US\$

Production, Import and Food Aid of Rice

Production, Import and Food aid: 1,000 ton

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Area harvested (1,000ha)	654.5	473.9	516.9	401.1	325.9	545.5	583.3	600.0	650.0	665.0
Yield (ton/ha)	1.3	1.6	1.5	2.2	3.0	2.0	1.5	1.6	1.9	1.9
Production as paddy	849.1	778.4	782.3	868.0	985.0	1,097.0	902.0	957.0	1,206.0	1,240.0
Import (milled rice equiv.)	182.6	85.6	191.6	139.0	76.5	189.2	194.3	75.0	94.2	n.a.
Food aid in rice (milled)	14.9	15.2	16.9	21.9	-	20.1	8.8	11.5	-	n.a.

Supply of Rice and Consumption

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Domestic supply quantity	471.3	474.4	482.6	542.7	595.5	625.2	678.2	608.6	586.2	631.1
Food	425.8	427.8	431.5	494.0	533.3	569.2	620.4	560.1	535.3	582.6
Consumption per capita	14.7	14.3	14.0	15.7	16.5	17.2	18.3	16.1	15.0	15.9

Note: 1,000 ton for Domestic supply quantity and Food; kg/year for consumption per capita

National Rice Development Strategy:

1. Projection of Rice Production Area: 1,000 ha; Yield: ton/ha; Prod. (production): 1,000 ton

Year	Upland			Rainfed lowland			Irrigated lowland			Total		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
2008	136	0.5	68	490	1.0	490	54	2.5	135	680	1.0	693
2013	140	1.0	140	427	1.5	641	134	3.0	402	701	1.7	1,183
2018	150	1.6	240	372	2.0	744	214	3.8	813	736	2.4	1,797

2. Need in human resources for research and outreach

Year	Researchers with MSc/PhD			Research Technicians			Extension Officers		
	Rice Specialists		Total	Rice Specialists		Total	Rice Specialists		Total
	full time	part time		full time	part time		full time	part time	
2008	20	16	36	8	2	10	500	3,371	3,871
2013	25	15	40	10	5	15	1,000	10,703	11,703
2018	30	11	41	15	5	20	2,000	13,082	15,082

3. Strategy

Sub-sector	Strategy
Seeds	(i) production of basic and certified rice seeds; (ii) strengthening rice seeds distribution network in the country; (iii) supporting on-farm seed production; (iv) creating awareness on available seeds of rice varieties to farmers; and (v) strengthening the capacity of public and private seed companies.
Fertilizer	(i) strengthening the capacity of agro-dealers to access input credits and agribusiness skills; (ii) ensuring proper use of inputs for increased rice production and productivity; and (iii) producing and distributing of agricultural inputs vouchers
Irrigation	(i) rehabilitation of traditional irrigation schemes; (ii) construction of new irrigation schemes; and (iii) construction of rain-water harvesting and storage structures.
Agr. Equipment	- Promoting the use of medium size tractors, power tillers, transplanters, reapers, threshers. - (i) promoting agro-processing of paddy and value addition technologies; (ii) strengthening capacity of post-harvest and rural based agro industries; (iii) enhancing access to and use of improved post harvest, rural travel and transport, processing, storage and marketing technologies; and (iv) facilitating private sector investment in medium scale processing of rice products.
Marketing	(i) warehouse receipt systems that ensures producers get better price of their produce, earn more and have reliable sources of food and income; (ii) establish strong, self supporting producer groups in which members support each other to produce, process, package and market their rice; (iii) build producer's knowledge, skills, and confidence to improve their bargaining power; and (iv) establish wider links in the rice trade so as to be able to compete in regional and world market.
Research	(a) Genetic resources conservation and use, (b) Soil health and soil fertility management, (c) Crop management and protection options, (d) Advisory services-extension, NGOs and agri-business
Credit	(i) Encouragement fo farmers to form groups and associations to strengthen their bargaining power and accessibility to credits. (ii) Support of establishing contract farming scheme as one way of alleviating the lack of formal farm credit among the smallholder farmers as well as providing access to extension services, farm inputs and product markets. (iii) scaling up agricultural inputs guarantee pilot scheme, (iv) Guarantee fund

Country Profile Related to Rice: Uganda

Total area (2005):	241,040 km ²	Responsible Ministry:	Ministry of Agriculture, Animal Industry and Fisheries
Population (2005):	30,930,082	Research institute:	National Agricultural Research Organization (NARO)
Population density:	128 person/km ²	Agr. Policy Paper	Uganda National Rice Development Strategy (UNRDS) 1st DRAFT
Population growth rate ('97-'07 average.):	3.2 %		
Poverty rate (1990-2005 latest):	..		
GDP (2007):	11,214,478,336 US\$	Domestic supply of staple food (2003):	7,424.1 (1,000 ton)
GDP per capita (2005):	303 US\$	Domestic supply of rice (2003):	120.2 (1,000 ton)
GDP composition by sector (2008):		Share of rice in total staple food supply (2003):	1.6 %
Agriculture	29.0 %	Self-sufficiency ratio of staple food (2003):	169.3 %
Industry	24.8 %	Self-sufficiency ratio of rice (2003)	60.5 %
Services	46.2 %	Import value of staple food (2006)	296,425,000 US\$
Agric. population rate (2006):	75.8 %	Import value of rice (2006)	14,800,000 US\$

Production, Import and Food Aid of Rice

Production, Import and Food aid: 1,000 ton

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Area harvested (1,000ha)	64.0	68.0	72.0	76.0	80.0	86.0	93.0	102.0	113.0	119.0
Yield (ton/ha)	1.4	1.4	1.5	1.5	1.5	1.5	1.3	1.5	1.4	1.4
Production as paddy	90.0	95.0	109.0	114.0	120.0	132.0	121.0	153.0	154.0	162.0
Import (milled rice equiv.)	53.7	39.7	51.3	22.2	43.0	48.9	62.0	66.5	50.9	n.a.
Food aid in rice (milled)	2.7	1.0	1.7	0.6	0.2	3.3	1.6	4.2	4.2	n.a.

Supply of Rice and Consumption

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Domestic supply quantity	59.5	59.8	67.3	84.2	92.3	123.5	122.9	97.7	122.3	120.2
Food	53.2	53.3	60.5	77.3	84.6	115.4	114.1	88.5	112.6	110.3
Consumption per capita	2.6	2.5	2.8	3.4	3.6	4.8	4.6	3.5	4.3	4.1

Note: 1,000 ton for Domestic supply quantity and Food; kg/year for consumption per capita

National Rice Development Strategy:

1. Projection of Rice Production Area: 1,000 ha; Yield: ton/ha; Prod. (production): 1,000 ton

Year	Upland			Rainfed lowland			Irrigated lowland			Total		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
2008	40	1.5-2	26	110	1.5-2	72	65	1.8-2.3	42	215	1.5-2	140
2013	70	1.5-2	46	175	1.5-2	114	115	1.8-2.3	72	360	1.5-2	231
2018	120	1.5-2	104	200	1.5-2	130	145	1.8-2.3	94	465	1.5-2	328

2. Need in human resources for research and outreach

Year	Researchers with MSc/PhD			Research Technicians			Extension Officers		
	Rice Specialists		Total	Rice Specialists		Total	Rice Specialists		Total
	full time	part time		full time	part time		full time	part time	
2008	3	7	10	3	7	10	-	30	30
2013	6	14	20	6	14	20	-	60	60
2018	9	21	30	9	21	30	-	90	90

3. Strategy

Sub-sector	Strategy
Seeds	Genetic resources developed and maintained, Capacity building in seed production and certification
Fertilizer	Development of policy on fertilizer, Improvement of farmers' access to fertilizers, Ensuring required quality of fertilizer before dissemination, Reducing cost of fertilizer
Irrigation	Refurbishment of current irrigation infrastructure, Set up new irrigation infrastructure, Collaboration between water use and management stakeholders
Agr. Equipment	Acquisition of agricultural machinery and equipment for land preparation, agronomy, irrigation and post harvest, Efficient utilization and maintenance of machinery and equipment
Research	Increase and improve research and technology generation, Increase access and adoption of knowledge and technologies
Structuring	Reinforce policy dialogue, Capacity building for agricultural officers and farmers, Improve facilities in rice development institutions, Strengthen institutional linkages and participation of stakeholders
Credit	Improve Policies on agricultural finance
Postharvest	Capacity building for agricultural officers, technicians, artisans and farmers, Adoption of better postharvest handling and processing techniques and equipment, Ensure adequate supply of rice to rice mills, Branding and identifying market niche that give high prices
Land tenure	Reforms in land tenure and property ownership

Appendix 2
Project Profiles by Countries

2.1 Cameroon

- CM-1 Improvement of the competitiveness of rice in Central Africa
- CM-2 Support to the improvement and diffusion of improved and healthy rice seeds
- CM-3 Rural Development Project in the Mont Mbappit region (PDRM)
- CM-4 Promotion of Rice Cultivation in the Logone Valley
- CM-5 Project of Improvement of the Agricultural Competitiveness (PACA)
- CM-6 Nanga-eboko rice development (Provisional name)
- CM-7 Agricultural Sector Development Support Project (PADFA)
- CM-8 Project for the support of Service Provision Center for the Producers Federation in the Logone and Chari (CPS-FEPROLOC)
- CM-9 Participatory Rural Development Program in the Department of Logone and Chari (PDRP-L&C)
- CM-10 Natural Resources Sustainable Management Project in the East Province (Provisional title)
- CM-11 Study Mission for Development of the Northern Province/Irrigation Project of Lagdo (MEADEN/PHAL)

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Cameroon									
2. Title (Full name)	Improvement of the competitiveness of rice in Central Africa									
3. Project Location	Tonga, Kékem (West province), Wum, Ndop, Nkambé (north-west province), Garoua									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	9									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below)									
	----- 10:									
6. Fund source (Funding agency)	WARDA, CFC, Government of Cameroon									
7. Cost	Total: USD 1,557,523 (region total : USD 4,672,571) WARDA: USD 339,150 CFC: USD 833,653 GC: USD 384,720									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2012									
9. Goal and objectives	Goal: Obj.: Improvement of the food security and the revenues of rural population Reduction of the dependence on imported rice in the CEMAC member countries Production and competitive marketing of locally produced rice									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	1. Improve the productivity and quality of rice by the deployment of NERICA and other improved production and post-harvest technologies 2. Develop the experimental center of quality for processing and manufacturing 3. Train rice producers to improve production technique, processing and marketing of rice									
12. Expected results (outputs)	1. Productivity and production of rice are augmented in at least 50% of at least 30,000 farmers 2. Revenues of rice farmers are augmented by at least 15%. 3. Producers associations and traders associations are trained for assuring supply inputs, grant of credit, and the dissemination of techniques and marketing									
13. Inputs										
14. Implementing agency	Leading: IRAD Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Pascal Ngninbeyie e-mail: pngninbeyie@yahoo.fr									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Cameroon									
2. Title (Full name)	Support to the improvement and diffusion of improved and healthy rice seeds									
3. Project Location	Maga, Yagoua (extreme north province), Lagdo (northern province)									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	9	3	4							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10:									
6. Fund source (Funding agency)	FAO									
7. Cost	Total: USD 297,000									
8. Project duration (dd/mm/yy)	Start: 2004 End: 2006									
9. Goal and objectives	Goal: Establish a sustainable system of the production and marketing of quality and healthy improved varieties of rice seeds Obj.: Strengthening of production capacity of seed farmers groups Strengthening of capacity of women rice farmers and rural youth in the irrigation schemes in the North and Extreme North provinces									
10. Target beneficiaries	Direct: Extension officers and seed multiplication farmers Secondary:									
11. Project component (activities)	1. Production of good quality of seed R-1. 2. Form seed multipliers of rice seed groups on the four areas in techniques of production, harvest, treatment and storage of seeds 3. Form agents in the working capitals management of seed production and marketing. 4. Form another seed service outside upper structure of IRAD, to the technique of the selection, preservation and production of foundation seeds and registered seeds, and also the field inspection techniques, control and certification of rice, respectively. 5. Create the seed production and marketing funds which will be managed by seed producers groups trained by SEMRY and SAIB installed on the concerned irrigation schemes									
12. Expected results (outputs)	1. 1,289 ton of seed R1 2. 360 seed multipliers are received a practical training. 3. 17 agents of concerned schemes' management have been formed 4. 66 farmers group members (27 at Maga, 27 at Yagoua and 12 at Lagdo) have been formed									
13. Inputs	1. Recruitment of international consultant 2. Recruitment of national consultant 3. Inputs (seeds, fertilizer, herbicides, sacks, etc.) 4. Equipment (thresher, paddy cleaner, etc.)									
14. Implementing agency	Leading: IRAD Cooperate:									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Aboudoulaye Bara e-mail:									
Address	Aboudoulaye Bara, MINADER, Direction de Coopération									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Cameroon										
2. Title (Full name)	Rural Development Project in the Mont Mbappit region (PDRM)										
3. Project Location	Foumban, Department of Noun, West Region										
4. Type of project	<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td style="width: 20px; text-align: center;">2</td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> </tr> </table> 1. Grant, 2. Loan, 3. Technical Cooperation, 4. National budget, 5. Private sector	2									
2											
5. Fields covered (multiple selection)	<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td style="width: 20px; text-align: center;">4</td> <td style="width: 20px; text-align: center;">10</td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> </tr> </table> 1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Socio-economic infrastructure	4	10								
4	10										
6. Fund source (Funding agency)	IsDB, Government of Cameroon, Beneficiaries										
7. Cost	Total: FCFA 6.3 billion (EUR 1=FCFA 650)										
8. Project duration (dd/mm/yy)	Start: 2006 End: 2010										
9. Goal and objectives	Goal: To contribute to the poverty alleviation and food security improvement for the rural population in the Noun Department Obj.: Improve the agricultural production and farmers income sustainably Improve the food security of the farm families in the Noun Department Assure sustainable natural resources management										
10. Target beneficiaries	Direct: Rural population in the Noun Department Secondary:										
11. Project component (activities)	1. Improvement of inland valley swamp (bas-fonds) for rice and vegetables 2. Socio-economic infrastructure development (rehabilitation of rural traits, construction of schools, realization of potable water with potable pump, construction of community house, health center, etc.) 3. Establishment of various committee to manage infrastructure 4. Distribution of inputs and equipment 5. Diffusion of improved seeds										
12. Expected results (outputs)	1,200 ha of inland valley swamp is improved										
13. Inputs	1. Experts 2. Inputs (seeds, fertilizer, herbicides) 3. Equipment (3 vehicles, 5 motorcycles, 5 computers)										
14. Implementing agency	Leading: MINADER Cooperate:										
15. Status of the project	<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td style="width: 20px; text-align: center;">3</td> </tr> </table> 1. Pipeline, 2. Approved, 3. On-going, 4. Completed	3									
3											
16. Issues/problems											
17. Person in charge	Name: Ahmadou Pouotobouonkou e-mail: amapot03@yahoo.fr										

Address

MINADER:

Tel

7522-2324

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Cameroon
2. Title (Full name)	Promotion of Rice Cultivation in the Logone Valley
3. Project Location	Extreme North Region
4. Type of project	4 1. Grant, 2. Loan, 3. Technical Cooperation, 4. National budget, 5. Private sector
5. Fields covered (multiple selection)	4 1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.
6. Fund source (Funding agency)	HIPCs multi fund
7. Cost	Total: FCFA 1,302.250 million
8. Project duration (dd/mm/yy)	Start: 2004 End:
9. Goal and objectives	Goal: Improve the food security and revenue of the population in the Logone valley Obj.: Increase the crop production and revenue of the farmers in the Logone valley by establishing a sustainable system to manage the irrigation schemes
10. Target beneficiaries	Direct: rice farmers in SEMRY Secondary:
11. Project component (activities)	1. Farmers organizing 2. Support production 3. Support rice marketing by the groups 4. Support diversification activities of farmers outside irrigation schemes
12. Expected results (outputs)	
13. Inputs	
14. Implementing agency	Leading: Project MINAGRI, NGO Cooperate:
15. Status of the project	3 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
16. Issues/problems	
17. Person in charge	Name: e-mail:

Address:

DPA Maroua

Tel

237-229271 / 755-6680

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Cameroon										
2. Title (Full name)	Project of Improvement of the Agricultural Competitiveness (PACA)										
3. Project Location	Regions of North, Adamoua, Northwest, South, Southwest, West, Central										
4. Type of project	<table border="1"> <tr> <td>2</td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Cooperation, 4. National budget, 5. Private sector</p>	2									
2											
5. Fields covered (multiple selection)	<table border="1"> <tr> <td>4</td> <td>5</td> <td>7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.</p>	4	5	7							
4	5	7									
6. Fund source (Funding agency)	World Bank										
7. Cost	Total: USD 30 million										
8. Project duration (dd/mm/yy)	Start: 2010 End: 2016										
9. Goal and objectives	Goal: Food security Obj.:										
10. Target beneficiaries	Direct: Secondary:										
11. Project component (activities)	<ol style="list-style-type: none"> 1. Rehabilitation of large irrigation schemes of SEMRY, UNVDA and Lagdo 2. Rehabilitation of 11,500 ha 										
12. Expected results (outputs)											
13. Inputs											
14. Implementing agency	Leading: Cooperate:										
15. Status of the project	<table border="1"> <tr> <td>1</td> <td>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</td> </tr> </table>	1	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
1	1. Pipeline, 2. Approved, 3. On-going, 4. Completed										
16. Issues/problems											
17. Person in charge	Name: _____ e-mail: _____										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Cameroon										
2. Title (Full name)	Nanga-eboko rice development (Provisional name)										
3. Project Location	Nanga-eboko (Central Province)										
4. Type of project	<table border="1"> <tr> <td align="center">5</td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Cooperation, 4. National budget, 5. Private sector</p>	5									
5											
5. Fields covered (multiple selection)	<table border="1"> <tr> <td align="center">4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) ----- 10.</p>	4									
4											
6. Fund source (Funding agency)	Chinese company										
7. Cost	Total:										
8. Project duration (dd/mm/yy)	Start: End:										
9. Goal and objectives	Goal: Obj.:										
10. Target beneficiaries	Direct: Secondary:										
11. Project component (activities)	<ol style="list-style-type: none"> 1. Development of rice farm with 40 ha 2. Rice production and marketing 										
12. Expected results (outputs)											
13. Inputs											
14. Implementing agency	Leading: Cooperate:										
15. Status of the project	<table border="1"> <tr> <td align="center">3</td> <td>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</td> </tr> </table>	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed										
16. Issues/problems											
17. Person in charge	Name: _____ e-mail: _____										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Cameroon									
2. Title (Full name)	Agricultural Sector Development Support Project (PADFA)									
3. Project Location	Provinces of North, Extreme-north, West, and Northwest									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Cooperation, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4	5	7						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	IFAD, OFIC, Government of Cameroon, Beneficiaries									
7. Cost	Total: USD 30.7 million IFAD: USD 14.95 million, OPEC: USD 9.54 million , Gov.: USD 4.6 million,									
8. Project duration (dd/mm/yy)	Start: 2010 End: 2017									
9. Goal and objectives	<p>Goal: Reduce the poverty in the rural area and improve food security through the sustainable development and competitiveness of rice (irrigated and rain fed) and onion</p> <p>Obj.: Increase the production of rice and onion Improve the conservation, processing, transporting and marketing of rice and onion Strengthen the technical capacity and organizational capacity of small village producers, their organizations, and other actors involved in the sector</p>									
10. Target beneficiaries	<p>Direct: 1,156 groups (in which at least 30% are women's and youth groups) and at least 133,000 beneficiaries</p> <p>Secondary:</p>									
11. Project component (activities)	<p>1. Support the production</p> <p>2. Support the marketing and sector's structure</p> <p>3. Management of knowledge and project coordination</p>									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	<p>Leading: MINADER</p> <p>Cooperate:</p>									
15. Status of the project	1	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Abdul Wahab Barry e-mail: a.barry@ifad.org									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Cameroon									
2. Title (Full name)	Project for the support of Service Provision Center for the Producers Federation in the Logone and Chari (CPS-FEPROLOC)									
3. Project Location	Department of Logone-Chari, Province of Extreme-north									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Cooperation, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below)									
6. Fund source (Funding agency)	European Commission									
7. Cost	Total: EUR 457,347									
8. Project duration (dd/mm/yy)	Start: 2006 End: 2009									
9. Goal and objectives	<p>Goal: Contribute to the improvement of the food security in the Department of Logone and Chari</p> <p>Obj.: Contribute to the professionalization of the agricultural producers for the profitable and viable development of the scheme and inland valley swamp, thanks to the support advisors furnished by the CPS-FEPROLOC, autonomous and perennial at the end of the program</p>									
10. Target beneficiaries	<p>Direct:</p> <p>Secondary:</p>									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Provision of the Federation is satisfactory for the Groups of Communal Initiative (GIC) and the Unions of GIC. 2. The capacity of producers organizations are strengthened 3. All the Unions of GICs progressively build up their own working capital 4. The production tool is functioned 5. Management and coordination of support program are performed 									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	<p>Leading: Provincial office of MINADER in Extreme North</p> <p>Cooperate:</p>									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Contact

Ordonnateur National - République du Cameroun

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Cameroon										
2. Title (Full name)	Participatory Rural Development Program in the Department of Logone and Chari (PDRP-L&C)										
3. Project Location	Department of Logone and Chari, Province of Extreme-north										
4. Type of project	<table border="1"> <tr> <td>1</td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Cooperation, 4. National budget, 5. Private sector</p>	1									
1											
5. Fields covered (multiple selection)	<table border="1"> <tr> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below)</p>	3									
3											
6. Fund source (Funding agency)	European Commission										
7. Cost	Total: FCFA7.5 billion										
8. Project duration (dd/mm/yy)	Start: 2000 End: 2006										
9. Goal and objectives	Goal: Contribution to the checking of the degradation process of social, economic, and environmental in the intervention zone Obj.:										
10. Target beneficiaries	Direct: Secondary:										
11. Project component (activities)											
12. Expected results (outputs)	<ol style="list-style-type: none"> Provision of the Federation is satisfactory for the Groups of Communal Initiative (GIC) and the Unions of GIC. The capacity of producers organizations are strengthened All the Unions of GICs progressively build up their own working capital The production tool is functioned Management and coordination of support program are performed 										
13. Inputs											
14. Implementing agency	Leading: Provincial office of MINADER in Extreme North Cooperate:										
15. Status of the project	<table border="1"> <tr> <td>4</td> <td></td> </tr> </table> <p>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</p>	4									
4											
16. Issues/problems											
17. Person in charge	Name: _____ e-mail: _____										
Address	National organizer- Republic of Cameroon										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Cameroon										
2. Title (Full name)	Natural Resources Sustainable Management Project in the East Province (Provisional title)										
3. Project Location	East Province										
4. Type of project	<table border="1"> <tr> <td>1</td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Cooperation, 4. National budget, 5. Private sector</p>	1									
1											
5. Fields covered (multiple selection)	<table border="1"> <tr> <td>10</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Natural resource management</p>	10									
10											
6. Fund source (Funding agency)	GTZ										
7. Cost	Total:										
8. Project duration (dd/mm/yy)	Start: End:										
9. Goal and objectives	Goal: Natural Resources Management Obj.:										
10. Target beneficiaries	Direct: Secondary:										
11. Project component (activities)											
12. Expected results (outputs)											
13. Inputs											
14. Implementing agency	Leading: Cooperate:										
15. Status of the project	<table border="1"> <tr> <td>5</td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</p>	5									
5											
16. Issues/problems											
17. Person in charge	Name: _____ e-mail: _____										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Cameroon
2. Title (Full name)	Study Mission for Development of the Northern Province/Irrigation Project of Lagdo (MEADEN/PHAL)
3. Project Location	Lagdo, The Northern Province
4. Type of project	4 1. Grant, 2. Loan, 3. Technical Cooperation, 4. National budget, 5. Private sector
5. Fields covered (multiple selection)	2 3 7 1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.
6. Fund source (Funding agency)	Public Investment Budget
7. Cost	Total: FCFA40 million
8. Project duration (dd/mm/yy)	Start: 1980s End:
9. Goal and objectives	Goal: Fight against poverty Obj.: Fight against uncertain climate Market the most of the existing soil and water Increase revenues of the populations Reduction of unemployment
10. Target beneficiaries	Direct: 1,500 farmers Secondary: 8,000 surrounding farmers
11. Project component (activities)	1. Development of irrigation schemes 2. Training of farmers in the irrigation schemes 3. Development of agricultural research regarding irrigated crops
12. Expected results (outputs)	
13. Inputs	
14. Implementing agency	Leading: Cooperate:
15. Status of the project	1 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
16. Issues/problems	Problem on land tenure between traditional farmers and migrant farmers settled with MEADEN
17. Person in charge	Name: e-mail:

2.2 Ghana

- GH-1 Food Security and Rice Producers Organization Project
- GH-2 Special Programme for Food Security in Ghana
- GH-3 Project for Promotion of Farmers' Participation in Irrigation Management (FAPIM)
- GH-4 The Study on the Promotion of Domestic Rice in the Republic of Ghana
- GH-5 Improvement of Drought Tolerance of Rice through Within-Species Gene Transfer
- GH-6 NERICA Rice Dissemination Project
- GH-7 Inland Valleys Rice Development Project
- GH-8 Small Scale Irrigation Development Project
- GH-9 Small Farms Irrigation Project
- GH-10 Rice Sector Support Project
- GH-11 Ghana Rice Inter-professional Body
- GH-12 Rice Seed Production
- GH-13 Project for Sustainable Development of Rain-fed Lowland Rice Production
- GH-14 Development of low-input rice cultivation system in wetland in Africa

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Ghana									
2. Title (Full name)	Food Security and Rice Producers Organization Project									
3. Project Location	Northern Region									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	10								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Capacity building									
6. Fund sources (Funding agency)	AFD									
7. Budget	EUR 1.4 million									
8. Project duration (dd/mm/yy)	Start: 2003 End: 2008									
9. Goal and objectives	Goal: To reinforce rice sub sector and to contribute to the designing of a food security policy Obj.: Capacity building of rice producers with the view to formation of formidable FBOs and strengthening GRIB at the national level for advocacy									
10. Target beneficiaries	Direct: 8000 stakeholders Sec.:									
11. Project component (activities)	1. Institutional Support to the Rice Interprofessional Body and MoFA 1-1. - creation of a Rice Interprofessional Body 1-2. - reinforcement of the capacities of the interprofessional Body 1-3. - reinforcement of the executives of MoFA in the decision of rice policies 1-4. Institutional Support to the rice producers of the Tamale Region and to the FBOs Development Desk of RADU Tamale 1-5. - reinforcement of the capacities and autonomy of the Rice Producers Organizations 1-6. - reinforcement of the capacities of the FBOs Development Desk of RaDU Tamale									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Directorate of Crop Service, Ministry of Food and Agriculture									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	Institutional support									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Ghana									
2. Title (Full name)	Special Programme for Food Security in Ghana									
3. Project Location	Bolgatanga, East Gonja, Tano, Jasikan, Dangbe East Districts									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	7	10						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Capacity building									
6. Fund sources (Funding agency)	FAO									
7. Budget	USD 1.26 million									
8. Project duration (dd/mm/yy)	Start: April, 2002 End: 2007									
9. Goal and objectives	Goal: Demonstration of improvement of output and income of rural small farmers Obj.: To increase small holders' productivity and improve household food security To develop management capacities of farmers and farmers' association To demonstrate, with full involvement of small scale farmers, a wide range of viable opportunities for diversifying and raising their incomes									
10. Target beneficiaries	Direct: smallhold farmers Sec.:									
11. Project component (activities)	1. Water control 2. Crop Intensification 3. Diversification and constraint analysis									
12. Expected results (outputs)	1. 10 ha of land improved with bunds for water harvesting 2. Capacity of 32 FGs is strengthened to participate in crop intensification activities. 3. Capacity of agric extension agents is improved to organize farmer field schools. 4. Capacity of FGs is strengthen to engage in improved livestock development. 5. Constraint analysis is undertaken to assess technology adoption mitigating factors.									
13. Inputs	17 experts and technicians from China as a South-South Cooperation									
14. Implementing agency	Ministry of Food and Agriculture									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Ghana									
2. Title (Full name)	Project for Promotion of Farmers' Participation in Irrigation Management (FAPIM)									
3. Project Location	22 irrigated agriculture sites developed by GIDA									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	7	10							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Capacity building									
6. Fund sources (Funding agency)	JICA									
7. Budget	JYN 250 million									
8. Project duration (dd/mm/yy)	Start: October, 2004 End: September, 2006									
9. Goal and objectives	Goal: Income increase of irrigated agriculture in the GIDA irrigation project sites and the improvement of farmer participatory irrigation system management Obj.: To establish the base for farmer participatory irrigation system management depending on the legal system and mutual agreements in the GIDA irrigation project sites. To strengthen the service of GIDA on irrigated agriculture technology.									
10. Target beneficiaries	Direct: Staff of GIDA Sec.:									
11. Project component (activities)	1. Establishment of legal system for farmer participation in irrigation system management 2. Development of implementation structure for the irrigation facility management between GIDA and farmers 3. Improvement of capacity of GIDA staff for planning and implementation of the training on irrigated agriculture technology									
12. Expected results (outputs)	1. Legal system to promote farmer participation in irrigation system management is established. 2. Implementation structure for the irrigation facility management is developed between GIDA and farmers. 3. Capacity of GIDA staff for planning and implementation of the training on irrigated agriculture technology is improved.									
13. Inputs	1. Experts (Long-term and Short-term) 2. Training of GIDA staff in Japan 3. Necessary machinery and equipment 4. Agreed operational costs of the Project									
14. Implementing agency	GIDA									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Ghana									
2. Title (Full name)	The Study on the Promotion of Domestic Rice in the Republic of Ghana									
3. Project Location	Country-wide									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	1	10								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Capacity building									
6. Fund sources (Funding agency)	JICA									
7. Budget	JYN 160 million									
8. Project duration (dd/mm/yy)	Start: June, 2006 End: March, 2008									
9. Goal and objectives	Goal: Welfare enhancement and poverty reduction of the local people Obj.: To make policy recommendation and plan of actions to improve rice production which will include post-harvesting and marketing through the competitiveness of rice produced in Ghana. To carry out technology transfer to Ghanaian counterpart personnel through on-the-job training in the course of the study.									
10. Target beneficiaries	Direct: Officers of Ministry of Food and Agriculture, Central Government Agencies, Regional and District Offices Sec.:									
11. Project component (activities)	The Study consists of the Phase 1 (preparation of M/P, 10 months from June 2006 to March 2007) and Phase 2 (preparation of A/P, 12 months from April 2007 to March 2008). In the Phase 1, such issues as development potential and constraints of domestic rice are studied based on the baseline survey covering production, post-harvest and marketing, and the Master Plan will be formulated by prioritizing the issues. In the Phase 2, the priority programs and areas are selected and their Action Plan will be formulated.									
12. Expected results (outputs)	1. The study results will be reported as following topics; socio-economic condition and development plans, present situation of paddy production, post harvest and processing, present situation of rice marketing, problem analysis, master plan and action plan. 2. Policy recommendation and plan of actions to improve rice production are made.									
13. Inputs	1. JICA study team 2. Workshop on study progress									
14. Implementing agency	JICA study team and Ministry of Food and Agriculture, Central Government Agencies, Regional and District Offices									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Ghana									
2. Title (Full name)	Improvement of Drought Tolerance of Rice through Within-Species Gene Transfer									
3. Project Location	Tamale									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	9								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	AGRA									
7. Budget	USD 35,000 (Grant for Education for African Crop Improvement)									
8. Project duration (dd/mm/yy)	Start: September, 2007 End: April, 2009									
9. Goal and objectives	Goal: Obj.: To improve drought tolerance of rice through within-species gene transfer									
10. Target beneficiaries	Direct: Researcher Sec.:									
11. Project component	Research									
12. Expected results (outputs)	Drought tolerance of rice is improved through within-species gene transfer.									
13. Inputs										
14. Implementing agency	Savanna Agricultural Research Institute (SARI), Council for Scientific and Industrial Research (CSIR)									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Ghana									
2. Title (Full name)	NERICA Rice Dissemination Project									
3. Project Location	Tolon-Kumbungu District (Northern Region), Ejura-Sekyedumase District (Ashanti Region), Hohoe Municipality (Volta Region)									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	5	9	10					
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. awareness campaigns including HIV/AIDS/Malaria									
6. Fund sources (Funding agency)	AfDB									
7. Budget	USD 3,667,326									
8. Project duration (dd/mm/yy)	Start: May, 2005 End: December, 2010									
9. Goal and objectives	Goal: Poverty reduction and food security Obj.: To increase rice production and rice import substitution through enhanced access to high yielding upland rice varieties, To contribute indirectly to HIV/AIDS and Malaria control									
10. Target beneficiaries	Direct: producers (subsistent farmers), processors, traders, seed growers Sec.:									
11. Project component (activities)	1. Technology transfer 2. Production support 3. Capacity building 4. Project coordination									
12. Expected results (outputs)	1. About 20,000 mt of rice is produced. 2. Net income of upland rice growers is enhanced. 3. The role of private sector in marketing of locally grown rice is enhanced. 4. Scarce foreign exchange is saved. 5. Positive impact on poverty reduction is made.									
13. Inputs	Fertilizer & agrichemicals by MOFA counter fund. Farmers need to return.									
14. Implementing agency	Directorate of Crop Service, Ministry of Food and Agriculture in collaboration with WARDA									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	Absence of input support to farmers will limit the level of NERICA grain production.									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Ghana										
2. Title (Full name)	Inland Valleys Rice Development Project										
3. Project Location	Brong-Ahafo, Ashanti, Eastern, Western, Central Regions										
4. Type of project	2										
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector										
5. Field of support	2	3	4	5	6	7	8	9			
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.										
6. Fund sources (Funding agency)	AfDB										
7. Budget	UA 15 million										
8. Project duration (dd/mm/yy)	Start: 17/02/2004 End: 30/06/2009 (may postpone to June 2011)										
9. Goal and objectives	Goal: To enhance food security, reduce importation of rice and increase incomes of small holder rice producers Obj.: To increase incomes of smallholder rice producers, rice traders and processors by increasing the production of good quality local rice										
10. Target beneficiaries	Direct: Smallholder rice producers, rice traders and processors Sec.:										
11. Project component (activities)	1. Land management 2. Credit for crop development 3. Capacity building 4. Adaptive research and surveys 5. Project coordination										
12. Expected results (outputs)	1. 4,500 ha is developed within 25 inland valleys across 17 districts in 5 regions. 2. 200 km feeder road is rehabilitated and 80 km access tracks is improved. 3. 60,000 mt (36,000 mt of good quality milled rice) is produced. 4. 450 farmer groups is formed. 5. 9,000 farmers (1,600 women) and 40 men and 150 women rice millers and traders are directly benefited.										
13. Inputs	1. Interim management team (4 members) since end-June 2007 1-1. team leader & rice production specialist 1-2. post-harvest and marketing specialist 1-3. water management engineer 1-4. financial controller										
14. Implementing agency	Directorate of Crop Service, Ministry of Food and Agriculture										
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed									
16. Issues/problems	Delay of the implementation. A reconstituted project steering committee will provide policy guidance and direction for smooth implementation of the project.										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Ghana									
2. Title (Full name)	Small Scale Irrigation Development Project									
3. Project Location	Country-wide									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	7	10							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) Direct: Farmers organization									
6. Fund sources (Funding agency)	AfDB									
7. Budget	UA 15 million									
8. Project duration (dd/mm/yy)	Start: January, 2001 End: June, 2009									
9. Goal and objectives	Goal: Increase of farm household incomes and food security Obj.: To increase crop production by having about 6,000 small-holder farmers cultivating an area of 2,590 ha under irrigation or improved water									
10. Target beneficiaries	Direct: small-holder farmers Sec.:									
11. Project component (activities)	1. Farmers' support service 2. Agriculture extension service 3. Training 4. Land Development 5. Monitoring & evaluation									
12. Expected results (outputs)	1. 15 small-scale irrigation scheme of 48-210 ha is constructed. 2. 4 water conservation schemes of 40-120 ha and 12 micro-irrigation schemes of 2-24 ha are constructed. 3. GIDA's efficiency and effectiveness are improved. 4. Irrigation Farmers' Associations are organized. 5. Farmers, extension agents and project implementation staff are trained.									
13. Inputs										
14. Implementing agency	Ghana Irrigation Development Authority									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Ghana									
2. Title (Full name)	Small Farms Irrigation Project									
3. Project Location	Country-wide									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	7	10							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) Direct: Farmers organization									
6. Fund sources (Funding agency)	BADEA									
7. Budget	USD 9,500,000									
8. Project duration (dd/mm/yy)	Start: 2 February, 2003 End: December, 2009									
9. Goal and objectives	Goal: Increase of farm household incomes and food security Obj.: To expand irrigable land by developing 11 small scale irrigation schemes covering 820 ha. Cropping intensity is expected to increase to 200 % and incremental crop production to be about 5,000 tone per year.									
10. Target beneficiaries	Direct: Small-holder farmers Sec.:									
11. Project component (activities)	1. Farmers' support service 2. Agriculture extension service 3. Training 4. Land Development 5. Monitoring & evaluation									
12. Expected results (outputs)	Farmers and project extension staff will be trained and farmers will be mobilized and organized into associations.									
13. Inputs										
14. Implementing agency	Ghana Irrigation Development Authority									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Ghana									
2. Title (Full name)	Rice Sector Support Project									
3. Project Location	Upper East, Upper West, Northern and Volta Regions									
4. Type of project	1	2	2							
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	5	6	8	10				
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Capacity building									
6. Fund sources (Funding agency)	AFD									
7. Budget	EUR 17.3 million (EUR 12.5 M loan + EUR 1.3 M grant + GoG + beneficiaries)									
8. Project duration (dd/mm/yy)	Start: 2008 (will start in April or May 2009) End: 2014									
9. Goal and objectives	Goal: Livelihood improvement of poor farmers of northern Ghana Obj.: To develop rice production in 4 administrative regions To enhance national organization of the rice sector through support to GRIB To implement some research activities in order to define cropping systems adapted to natural conditions of project area									
10. Target beneficiaries	Direct: 2,500 farmers + 5,000 processors/marketers Sec.:									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Land development to provide adapted infrastructure in lowland ares 2. Build capacity of rice stakeholders to form farmer-based organizations 3. Provide technical support to producers and improved technologies to processors 4. Facilitate access to credit for all activities along the rice value chain 5. Reinforcing the capacity of GRIB to respond to the needs of its members 6. Experiment no tillage and direct seeding in the ecology of lowland 7. Test new varieties of rice such as poly-apitute ones developed in Brazil 									
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. 6,500 ha of lowland is developed for rice production. 2. Rice yield is expected to increase from 1.5 mt/ha to 4 mt/ha. 3. 1,000 players or 5,000 people are become involved in processing and marketing. 									
13. Inputs										
14. Implementing agency	Directorate of Crop Service, Ministry of Food and Agriculture									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	Delay of implementation									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Ghana									
2. Title (Full name)	Ghana Rice Inter-professional Body									
3. Project Location	Upper East, Upper West, Northern and Volta Regions									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	5	10								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Capacity building									
6. Fund sources (Funding agency)	AFD									
7. Budget	EUR 0.14 million									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2012									
9. Goal and objectives	Goal: Food security and poverty reduction Obj.: To promote the development of the Ghanaian Rice sector *GRIB: made up of private sector stakeholders in the rice industry with good core of technocrats as 'observers' members. Registered as a company limited by guarantee in October, 2004.									
10. Target beneficiaries	Direct: 8,000 members Sec.:									
11. Project component (activities)	1. Re-enforcing the capacity of GRIB to respond to the needs of its members 2. Improving dialogue among all stakeholders participating in the rice sector structure 3. Facilitate the implementation of studies and other initiatives to enhance acknowledgment of locally produced rice as a quality product on the national market									
12. Expected results (outputs)	1. Sustaining GRIB activities including: 1-1. - advocacy on national rice production and consumption 1-2. - conduct of surveys and studies on the rice sector 1-3. - access to color sorter managed by GRIB									
13. Inputs										
14. Implementing agency	Ghana Rice Inter-professional Body									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	Delay of implementation									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Ghana									
2. Title (Full name)	Rice Seed Production									
3. Project Location	Upper East, Upper West and Northern Regions									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	9									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	AGRA									
7. Budget	USD 149,973 (Grant for Seed Production for Africa)									
8. Project duration (dd/mm/yy)	Start: June, 2008 End: June, 2010									
9. Goal and objectives	Goal: Obj.: To avail seed of maize, soybean, sorghum, cowpea, RICE and groundnut at an affordable price to resource-poor farmers in three administrative regions of northern Ghana.									
10. Target beneficiaries	Direct Resource-poor farmers Sec.:									
11. Project component	1. Rice seed production to provide farmers with affordable price									
12. Expected results (outputs)	1. Rice seeds become available for resource-poor farmers.									
13. Inputs										
14. Implementing agency	AGRA through Savanna Seed Service Company Limited									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Ghana									
2. Title (Full name)	Project for Sustainable Development of Rain-fed Lowland Rice Production									
3. Project Location	Northern Region, Ashanti Region									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4	6	8						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	JICA									
7. Cost	Total: USD 3,600,000									
8. Project duration (dd/mm/yy)	Start: 06/2009 End: 06/2014									
9. Goal and objectives	Goal: Profitability of rice farming is increased. Obj.: A new model for sustainable development of rain-fed lowland rice production is established within the Project area.									
10. Target beneficiaries	Direct: Agricultural extension agents and 1,000 farmers Secondary: Farmers in the project area									
11. Project component (activities)	<p>1-1. Study on actual situation of rain-fed lowland rice production practice.</p> <p>1-2. Experiment on good practices of rain-fed lowland rice production and improve it.</p> <p>1-3. Develop manuals for package of sustainable rain-fed rice production practices.</p> <p>2-1. Improve access of farmers to agricultural inputs.</p> <p>2-2. Improve access of farmers to technical support.</p> <p>2-3. Organize and strengthen farmers' groups.</p> <p>2-4. Improve access of farmers to information on market.</p> <p>3-1. Find suitable locations for disseminating a new model for sustainable rain-fed lowland rice production.</p> <p>3-2. Set up demonstration fields within the Project areas.</p> <p>3-3. Train Agricultural Extension Agents and key farmers.</p> <p>3-4. Develop guidelines for dissemination procedure.</p>									
12. Expected results (outputs)	<p>1. Package of sustainable rain-fed lowland rice production practice is established.</p> <p>2. Farming support system for sustainable rain-fed lowland rice production is established.</p> <p>3. Dissemination procedure of a new model for sustainable rain-fed lowland rice production, consisting of the technical package and farming support system, is established.</p>									
13. Inputs	<p>1. JICA experts; long-term experts (Land preparation, Rice cultivation technology, Extension/Farmers' group organization, Administrative coordination), short-term experts (Post-harvest processing, Marketing, Credit system)</p> <p>2. Training for counterparts in Ghana, Japan or other country</p> <p>3. Equipment and vehicles necessary for the Projects; 4WD vehicles, Office materials, PCs</p>									
14. Implementing agency	Leading: JICA Cooperate: Directorate of Crop Service, Ministry of Food and Agriculture									
15. Status of the project	2	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Mitsuhiro KATO e-mail: Kato.Mitsuhiro@jica.go.jp									

Key Word: Rain-fed, lowland rice, technical package, farmers' group

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Ghana									
2. Title (Full name)	Development of low-input rice cultivation system in wetland in Africa									
3. Project Location	Kumasi									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	2									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	JIRCAS									
7. Cost	Total: JYN 150,000,000 for 6 years									
8. Project duration (dd/mm/yy)	Start: 01/04/2009 End: 31/03/2015									
9. Goal and objectives	Goal: To develop relevant and sustainable rice production systems in the wetlands in Africa to contribute to the increased and stable rice production in the region Obj.: To clarify the limiting factors for rice productivity in the lowland and intensified lowland rice ecosystems in sub Saharan Africa, in the aspect of improved resource utilization and management through agronomic and physiological studies, and to develop low-input and sustainable rice producing technologies.									
10. Target beneficiaries	Direct: Rice farmers, extensionists, researchers in the target district of the country Secondary: Ghana and other western African countries									
11. Project component (activities)	1. Development of soil fertility management technologies using locally available resources 2. Development of crop management technologies to increase productivity of rained rice 3. Selection of superb genetic resources adapted to rained lowland conditions 4. Verification of rice cultivation models adapted to low-input system									
12. Expected results (outputs)	1. Characterization of natural resources for rice production (water, soil, organic matter, rock phosphate, etc.) in the region 2. Guideline (manual) for soil fertility management (fertilizer, rock phosphate, organic matter) 3. Guideline (manual) for crop management including weed control 4. Suitable rice varieties for rained lowland conditions 5. Guideline for integrated cropping-system models for low-input rice production									
13. Inputs	1. Personnel (long-stay post docs, and visit of scientists) 2. Operational budget for glasshouse and field experiments 3. Invitation of collaborating researchers and administrators to Japan									
14. Implementing agency	Leading: JIRCAS Cooperate: Kinki University; Crop Research Institute*, Soil Research Institute*, Water Resources Research Institute* (*Ghana)									
15. Status of the project	2	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Junichi SAKAGAMI e-mail: sakajun@affrc.go.jp									

Key Word: rained lowland, fertility management, water resources, rock phosphate, weed management, variety selection, fertilizer efficiency, ideal plant type

2.3 Guinea

- GN-1 Support of Rice Sector in Lower Guinea
- GN-2 Project of NERICA dissemination
- GN-3 Evaluation of the Potential of Inland Valley Swamp in Forest Guinea
- GN-4 Improvement of Rice and Vegetable Production in Guinea
- GN-5 Intensification, diversification and development of the agricultural production
- GN-6 Realization of Irrigated Agriculture Development
- GN-7 Emergency Agricultural Assistance for the Improvement of Food Security Situation of Rural Population Affected by the Price Increase of Foodstuff in Guinea
- GN-8 Provision of inputs to vulnerable populations within the frame of the Initiative against the price hike of the foodstuff
- GN-9 Sustainable Agricultural Development Project in Forest Guinea (PRODAD GF)
- GN-10 The Project of Support to the Rural Development in the Northern Lower Guinea (PADER BGN)
- GN-11 Participative Program of Rural Development in Higher Guinea
- GN-12 Upper Guinea Rural Development Support Project (PADERGHG)
- GN-13 Integrated Rural Development Project of Telimélé
- GN-14 Kakossa Integrated Rural Development Project
- GN-15 Fouta Djallon Integrated Rural Development Project
- GN-16 West Upper Guinea Integrated Rural Development Project
- GN-17 Dubréka Integrated Rural Development Project
- GN-18 Protracted relief and rehabilitation operation (PRRO)
- GN-19 Support to "Post-Conflict Transition in Forest Guinea Region"
- GN-20 Country Programme - Guinea (2007-2011)
- GN-21 Guinea Emergency Food Crisis Response Program (GEFCRP)
- GN-22 Project of the Irrigated Rice Cultivation Development in Forest Guinea (PDRiGF)
- GN-23 Development Study for Sustainable Rural Development in Middle and Upper Guinea

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	Support of Rice Sector in Lower Guinea									
3. Project Location	Guinea									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	3	4	6	7					
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	AFD									
7. Budget	EUR 11.05 million AFD: EUR 9 million, Government of Guinea and Beneficiaries: EUR1.105 million									
8. Project duration (dd/mm/yy)	Start: 2007 End: 2011									
9. Goal and objectives	Goal: Support the rice sector in Lower Guinea Obj.:									
10. Target beneficiaries	Direct Sec.:									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Development of wet agricultural land (wetland) 2. Development of agricultural extension 3. Urgent support of an interprofession 4. Research and development 5. Monitoring and evaluation 6. Project coordination 7. 									
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. Increase of rice yield in the developed area 2. Strengthening of the capacity of producers organizations 3. Emergence of rice production professionals 4. Development of the rice cultivation in mangrove 5. Prove project impact through evaluation 									
13. Inputs	<ol style="list-style-type: none"> 1. 2. 3. 4. 5. 									
14. Implementing agency	National Direction of Rural Engineering (DNGR)									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: LE COZ Florence					e-mail: lecozf@group-afd.org				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	Project of NERICA dissemination									
3. Project Location	Prefectures of Maudiana, Macenta and Faranah									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	9								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	AfDB and Government of Guinea									
7. Budget	USD 5,349, 363									
8. Project duration (dd/mm/yy)	Start: 2005 End: 2010									
9. Goal and objectives	Goal: Poverty reduction and food security Obj.: Identify NERICA varieties adaptable to agro ecological zones Development of the technologies and accompaniment Improve rice yield and production									
10. Target beneficiaries	Direct Small rice farmers Sec.: Rice processors									
11. Project component (activities)	1. Transfer of technologies 2. Support production 3. Strengthening of capacity 4. Coordination 5. 6. 7.									
12. Expected results (outputs)	1. Production of 60 ton of NERICA seeds 2. 3,696 farmers participate in Participatory Variety Selection -NERICA 3. 6,000 ton of seeds produced and marketed 4. 200km of rural trails rehabilitated 5. 26 communal infrastructure constructed									
13. Inputs	1. 2. 3. 4. 5.									
14. Implementing agency	ANPROCA									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Conde Aly					e-mail: condealy@hotmail.com				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	Evaluation of the Potential of Inland Valley Swamp in Forest Guinea									
3. Project Location	8 prefectures in Forest Guinea									
4. Type of project	1	3								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	1	10								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Technical study									
6. Fund sources (Funding agency)	FAO									
7. Budget	US\$360,000									
8. Project duration (dd/mm/yy)	Start: 2009 End: 2010									
9. Goal and objectives	Goal: Reduction of extreme poverty and hunger Obj.: Water control and food security									
10. Target beneficiaries	Direct population of 72 rural development communities and 7 urban communities Sec.:									
11. Project component (activities)	1. Inventory of inland valley swamp 2. Regional investment plan 3. 4. 5. 6. 7.									
12. Expected results (outputs)	1. Typology of inland valley swamp and inundation plains 2. Thorough geographic database of inland valley swamp (Digital map at 1/50,000 and Synthesis map at 1/200,000 for inland valley swamp of Forest Guinea) 3. Determination of one typology of inland valley swamp for development 4. Regional development plan and sustainable development of inland valley 5. Detailed technical study for development of 300 ha									
13. Inputs	1. Technical assistance 2. Topographic materials 3. Transportation means 4. Advisory support 5.									
14. Implementing agency	Leading: FAO Cooperate: Ministry of Agriculture, Livestock, Water and Forest (DNGR, IRAG)									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Pierre Gbianza					e-mail: FAO-GN@fao.org				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	Improvement of Rice and Vegetable Production in Guinea									
3. Project Location	Prefectures of Boké - Boffa									
4. Type of project	1	3								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	4	5	6	7	8	9				
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	Republic of South Africa									
7. Budget	US\$6,017,325									
8. Project duration (dd/mm/yy)	Start: 2009 End: 2011									
9. Goal and objectives	Goal: Improvement of food security Obj.: Water control, intensive production of rice and vegetable, strengthen the capacity of producers									
10. Target beneficiaries	Direct 2,100 agricultural families Sec.: 16,800									
11. Project component (activities)	1. Development, management and control of water 2. Development of agriculture (rice and vegetables) 3. 4. 5. 6. 7.									
12. Expected results (outputs)	1. Control and management of water: rehabilitation 2,500 ha, development 1,329 ha, and drainage 8,087 ha 2. 3. 4. 5.									
13. Inputs	1. Technical assistance 2. Agricultural equipment for land preparation 3. Post-harvest, processing and storage facilities 4. Seeds and fertilizer 5.									
14. Implementing agency	Leading: FAO Cooperate: Ministry of Agriculture									
15. Status of the project	2	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Pierre Gbianza					e-mail: FAO-GN@fao.org				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	Intensification, diversification and development of the agricultural production									
3. Project Location	Kindia									
4. Type of project	1	3	3							
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	4	5	6	7	8	9			
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	Government of Italia									
7. Budget	USD 2,000,000									
8. Project duration (dd/mm/yy)	Start: 2009 End: 2012									
9. Goal and objectives	Goal: Promotion of the food security Obj.: Intensification and diversification of the production system, Improvement of preservation and marketing of agricultural products, Capacity development of producers									
10. Target beneficiaries	Direct 16,000 families Sec.: 43,400									
11. Project component (activities)	1. Development of 200 ha of inland valley swamp 2. Exploitation of 500ha of improved inland valley swamp 3. Structuring producers at the grass roots level 4. Rehabilitation of training center at Kanianema 5. Post-harvest equipment 6. Marketing support									
12. Expected results (outputs)	1. Intensification of crop production for both domestic consumption and market 2. Processing, storage and marketing 3. Promotion of bio-diversity of agriculture and agri-food and strengthening of planning capacity, support advise 4. 5.									
13. Inputs	1. Technical assistance 2. Equipment and implement 3. Agricultural inputs 4. Revolving fund 5.									
14. Implementing agency	FAO									
15. Status of the project	2	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Pierre Gbianza					e-mail: FAO-GN@fao.org				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	Realization of Irrigated Agriculture Development									
3. Project Location	Tougué and Dabola prefectures									
4. Type of project	1	3								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	4	6	7	8	9					
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	Spain									
7. Budget	US\$2,160,000									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2010									
9. Goal and objectives	Goal: Reduction of extreme poverty and famine Obj.: Sustainable improvement of management and development of irrigation for intensification and diversification of agricultural production.									
10. Target beneficiaries	Direct 1,500 farm families Sec.: 9,000									
11. Project component (activities)	1. Development of agricultural hydraulics 2. Capacity development of producers and extension workers 3. Utilization of agricultural hydraulics 4. Support of the project coordination 5. 6. 7.									
12. Expected results (outputs)	1. 276 ha of inland valley swamp and plains developed 2. Capacity of producers developed, strengthening-creating 19 zonal management 3. Construction of 8 storage facilities (implements agriculture) 4. Revolving fund, rehabilitation of trails 5. Produce 900 ton of rice, 1,300 ton of vegetables, 750 kg of fish									
13. Inputs	1. Seeds, fertilizer 2. Agricultural implements 3. Rice huller 4. Hand pumps 5. Food for work									
14. Implementing agency	Leading: FAO Cooperate: National Direction of Rural Engineering (DNGR)									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Pierre Gbianza					e-mail: FAO-GN@fao.org				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	Emergency Agricultural Assistance for the Improvement of Food Security Situation of Rural Population Affected by the Price Increase of Foodstuff in									
3. Project Location	Gaoual, Koundara, Koubia, Mali, Siguri, Mandiana, and Dinguiraye									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	9	10						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Fertilizer and implements									
6. Fund sources (Funding agency)	Italian Government									
7. Budget	Euro 500,000									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2009									
9. Goal and objectives	Goal: Reduction of extreme poverty and famine Obj.: Food Security									
10. Target beneficiaries	Direct 3,400 small agricultural families vulnerable to food insecurity Sec.: Urban population of 7 prefectures located in the north of Middle and Upper Guinea									
11. Project component (activities)	1. Local purchase 2. Identification of the vulnerable zones and families 3. Distribution of agricultural inputs and tools 4. Training of beneficiaries on agricultural techniques 5.									
12. Expected results (outputs)	1. Improvement of diet 2. Yield increase of rice from 1.2 ton/ha to 3 ton/ha with the use of NERICA 3. Increase of foodstuff production and level of food storage 4.									
13. Inputs	1. Cereal seeds (rice and maize): 64 ton 2. Bean seeds: 3.4 ton; Vegetable seeds: 255 kg 3. Fertilizer: 255 ton 4. Agricultural tools (hoe and machete): 6,800 pieces 5. Technical training and advice									
14. Implementing agency	Leading: FAO Cooperate Ministry of Agriculture (National Direction of Agriculture), NGOs									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	Water control and irrigation techniques less restrictive, Fight against diseases and devastators									
17. Person in charge	Name: Pierre Gbianza					e-mail: FAO-GN@fao.org				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	Provision of inputs to vulnerable populations within the frame of the Initiative against the price hike of the foodstuff									
3. Project Location	Gaoual, Koundara, Siguiri, Faranah, N'Zérékoré, Lola, Dubreka, Fria									
4. Type of project	1	3								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	9	10						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Inputs and tools									
6. Fund sources (Funding agency)	FAO									
7. Budget	USD500,000									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2009									
9. Goal and objectives	Goal: Reduction of the extreme poverty and famine Obj.: Urban population of 8 prefectures									
10. Target beneficiaries	Direct 8,000 families of small scale farmers vulnerable to food insecurity Sec.: Urban population of 8 prefectures									
11. Project component (activities)	1. Local purchase 2. Identification of the vulnerable zones and families 3. Distribution of agricultural inputs and tools 4. Training of beneficiaries on agricultural techniques 5.									
12. Expected results (outputs)	1. Supervision of vegetable production techniques 2. Improvement of diet 3. Improvement of agricultural revenue during the dry season (vegetable season) 4.									
13. Inputs	1. vegetable seeds (tomatoes, okra, onion, pepper, eggplant), rice, maize =19.075 ton 2. Fertilizer, 75 ton 3. Agricultural tools (machete, hoe, watering can) = 24,000 pieces 4. Training and technical advice 5.									
14. Implementing agency	Leading: FAO Cooperate: Ministry of Agriculture (National Direction of Agriculture and Decentralized structures)									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	Water control and irrigation techniques less restrictive, Fight against diseases and devastators									
17. Person in charge	Name: Pierre Gbianza					e-mail: FAO-GN@fao.org				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	Sustainable Agricultural Development Project in Forest Guinea (PRODAD GF)									
3. Project Location	Nzérékouré C. Beyla N, Macenta O, Yomou SUD, Lola Est									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	4	6	7	10						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Rural infrastructure									
6. Fund sources (Funding agency)	IFAD, Government of Guinea (GG), Beneficiaries									
7. Budget	Total: US\$15,594,500 IFAD: US\$12,494,500; GG: US\$1,186,000; Beneficiaries: US\$1,870,000									
8. Project duration (dd/mm/yy)	Start: 2004 End: 2011									
9. Goal and objectives	<p>Goal: Improve the revenue and living conditions of the rural poor in the Forest region by organizing communities/villages with the aim of guaranteeing sustainable agricultural development</p> <p>Obj.: To give target population, their organizations and participating institutions responsibility for achieving a sustainable agricultural development, To increase agricultural productivity and diversify the income sources in a sustainable manner, and To improve the access of rural poor to the financial services</p>									
10. Target beneficiaries	Direct 66,000 families Sec.:									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Development of community and agriculture 2. Development of financial services 3. Management and coordination of the project 4. 									
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. Development of inland valley swamp with threshing floor, 1,500 ha 2. Rehabilitation of trails (80 km) and construction (800 m) 3. water supply points (85), education centers (85), Warehouse for storage (70) 4. Training activities 5. 									
13. Inputs										
14. Implementing agency	Leading: Ministry of Agriculture, Livestock, Water and Forest Cooperate: United Nations Office for the Project Support (UNOPS)									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Alain Cécé Camara					e-mail: s.kolyjacques@caramail.com				

Key Word:

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Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	The Project of Support to the Rural Development in the Northern Lower Guinea (PADER BGN)									
3. Project Location	Dubreka, Boffa, Fria, Téliimélé, Boké									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	4	5	6	9	10					
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Land development									
6. Fund sources (Funding agency)	IFAD, Government of Guinea									
7. Budget	Total: US\$17.7 million IFAD: US\$14.4 million									
8. Project duration (dd/mm/yy)	Start: 2005 End: 2013									
9. Goal and objectives	Goal: Sustainably improve the revenue, food security and living conditions of rural poor families in the region of Northern Lower Guinea Obj.: a) Strengthen the capacity of target population and their organizations, and b) increase agricultural productivity (crops and livestock) and diversify the source of revenue in a sustainable manner									
10. Target beneficiaries	Direct 24,000 families Sec.:									
11. Project component (activities)	1. Organizing and strengthening of the basic communities 2. Agro-sylvo-pastoral development of micro programs 3. Infrastructure development 4. Financial services development 5. Coordination and management of the project									
12. Expected results (outputs)	1. The farmers have seeds 2. Inland valley swamps are developed 3. Actions for the land protection and management are realized 4. Post-harvest, marketing and processing are improved thanks to AGRs.									
13. Inputs										
14. Implementing agency	Leading: Ministry of Agriculture, Livestock, Water and Forests Cooperate: UNOPS									
15. Status of the project	3									
	1. Pipeline, 2. Approved, 3. On-going, 4. Completed									
16. Issues/problems										
17. Person in charge	Name: Djibril Tamsir Bangoura e-mail: djibriltb@yahoo.fr									

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Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea
2. Title (Full name)	Participative Program of Rural Development in Higher Guinea
3. Project Location	Kankan, Mandiana, K�rouan�
4. Type of project	2 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Field of support	3 4 8 10 1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Rural infrastructure
6. Fund sources (Funding agency)	IFAD, Government of Guinea (GG), Beneficiaries
7. Budget	Total: US\$19.8 million IFAD: US\$14 million, GG: US\$1.8 million, Beneficiaries: US\$4 million
8. Project duration (dd/mm/yy)	Start: 2001 End: 2011
9. Goal and objectives	Goal: To sustainably improve the revenues and living conditions of the most vulnerable rural population, especially women Obj.: To promote solid, sustainable and capable farmers organizations to self-manage and to lead to their proper development To establish viable rural financial services among the financial services To increase the agricultural and non-agricultural family incomes To make sure the planning and utilization of program resources
10. Target beneficiaries	Direct 32,000 families Sec.:
11. Project component (activities)	1. Strengthening of local capacities 2. Support to the local initiatives and agricultural development 3. Support to the rural financial services 4. Coordination and management of the program 5.
12. Expected results (outputs)	1. Social infrastructure development such as school construction, health posts, water distribution network, literacy centre, community center, etc. 2. Economic and social investment projects such as development of inland valley swamps and inundable areas, planting trees and soil and water conservation works 3. Infrastructure investments contributing to the reduction of local transaction costs like repair and modernization of routes, construction or repair of markets, abattoirs, warehouses, etc. 4.
13. Inputs	
14. Implementing agency	Leading: Ministry of Agriculture, Livestock, Water and Forests Cooperate: UNOPS
15. Status of the project	3 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
16. Issues/problems	
17. Person in charge	Name: Mamady Traor� e-mail: ppdrhg2006@yahoo.fr

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Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	Upper Guinea Rural Development Support Project (PADERGHG)									
3. Project Location	Kouroussa et Siguiri									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	3	4	7	10					
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Livestock, rural road									
6. Fund sources (Funding agency)	AfDB, Government of Guinea (GG), Beneficiaries									
7. Budget	Total: US\$15.63 million AfDB: US\$13.359 million, GG and Beneficiaries: US\$1.271 million									
8. Project duration (dd/mm/yy)	Start: 2001 End: 2005									
9. Goal and objectives	Goal: To contribute to food security and to poverty reduction Obj.: Improve agricultural production Opening up of the region Provision of support to the organization of rural and local communities									
10. Target beneficiaries	Direct: Sec.:									
11. Project component (activities)	1. Enhanced production and sustainable management of natural resources 2. Opening up of the region 3. Support to the organization of rural and local communities 4. Project management 5.									
12. Expected results (outputs)	1. 1,760 ha of irrigated plains and 294 ha of inland valley swamp; 1,050 ha of cashew trees and 420 hectares of reforestation (village forestry) 2. Purchase of 250 yokes, training of 1,000 farmers by NGOs or specialized institutions in the areas of animal feed and health, the utilization and maintenance of yokes, the training of 20 blacksmiths 3. Support to IRAG and SNPRV 4. Mapping coverage of the project area 5. Rehabilitation of 336 km and maintenance of 424 km of feeder roads; repairs to 8 culverts and the promotion of 20 Village Road Maintenance Committees (CVEP) 6. promotion of 124 rice producers' associations, 40 food producers' associations and 6 land use management associations, the promotion of around 80 CIVECs, support to 21 CRDs, the establishment of social infrastructure, support to the IRAE and DPDREs of Kankan, Kouroussa and Siguiri 7. payment of the costs of the Project Coordination Unit (PCU), as well as of monitoring, evaluation and audit costs.									
13. Inputs										
14. Implementing agency	Leading: Project Management Unit (PIU) Cooperate:									
15. Status of the project	4									
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	Integrated Rural Development Project of Telimélé									
3. Project Location	Telimélé									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	4	7	10							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Rural infrastructure									
6. Fund sources (Funding agency)	Islamic Development Bank (IsDB), OPEC Fund, Government of Guinea (GG)									
7. Budget	Total: US\$16.5 million IsDB: US\$9 million, OPEC: US\$5 million, GG: US\$2.5 million									
8. Project duration (dd/mm/yy)	Start: 2003 End: 2009									
9. Goal and objectives	Goal: Obj.:									
10. Target beneficiaries	Direct: Sec.:									
11. Project component (activities)	1. Rural infrastructure 2. Infrastructure/diversified building 3. Support to the production 4. Support to the producers organization and producers union (UGP) 5. Inspection of works									
12. Expected results (outputs)	1. Development of inland valley swamps (675 ha) 2. Rural trails (195 km) 3. Village water supply point 4. Schools, health center 5. Office quarters									
13. Inputs										
14. Implementing agency										
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	Kakossa Integrated Rural Development Project									
3. Project Location	Kakossa									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	4	5	7	10					
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Rural infrastructure									
6. Fund sources (Funding agency)	IsDB, Government of Guinea, Beneficiaries									
7. Budget	Total: US\$11,500,000 IsDB: US\$9,500,000; GG: US\$1,663,000; Beneficiaries: US\$337,000									
8. Project duration (dd/mm/yy)	Start: 2005 End: 2009									
9. Goal and objectives	Goal: Obj.:									
10. Target beneficiaries	Direct Sec.:									
11. Project component (activities)	1. Development of hydraulic agriculture: 2,700 ha 2. Trails (27 km), and water supply points (120) 3. Social infrastructure (building) 4. Support to the production 5. Support to the union of producers groups 6. 7.									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency										
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	Fouta Djallon Integrated Rural Development Project									
3. Project Location	Fouta Djallon									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	4	7	10						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Rural infrastructure									
6. Fund sources (Funding agency)	IsDB, Government of Guinea (GG)									
7. Budget	Total: US\$11,230,000 IsDB: US\$9,480,000; GG: US\$1,75 million									
8. Project duration (dd/mm/yy)	Start: 2000 End: 2007									
9. Goal and objectives	Goal: Obj.:									
10. Target beneficiaries	Direct Sec.:									
11. Project component (activities)	1. Development of hydraulic agriculture (1,090 ha) 2. Water supply points (154) 3. Rural trails (253 km) 4. Construction/rehabilitation of offices (3) 5. Construction of rural warehouse (25)									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency										
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	West Upper Guinea Integrated Rural Development Project									
3. Project Location	Dinguiraye and Kouroussa									
4. Type of project	2	3								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	3	4	7	10					
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Rural infrastructure									
6. Fund sources (Funding agency)	IsDB, Government of Guinea									
7. Budget	Total: US\$11.54 million IsDB: US\$9.58 million, GG: US\$1,96 million									
8. Project duration (dd/mm/yy)	Start: 2004 End: 2008									
9. Goal and objectives	Goal: Obj.:									
10. Target beneficiaries	Direct Sec.:									
11. Project component (activities)	1. Development of hydraulic agriculture (1,000 ha) 2. Rehabilitation of rural trails (233 km) 3. Village water supply points (100) 4. Construction and rehabilitation of offices (3), construction of warehouse 5. Training and provision of inputs, materials and equipment									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency										
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	Dubréka Integrated Rural Development Project									
3. Project Location	Dubréka									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	4	7	10							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Rural infrastructure									
6. Fund sources (Funding agency)	IsDB, Government of Guinea									
7. Budget	Total: US\$:11,480,000 IsDB: US\$8.77 million; GG: US\$2.71 million									
8. Project duration (dd/mm/yy)	Start: 2000 End: 2009									
9. Goal and objectives	Goal: Obj.:									
10. Target beneficiaries	Direct Sec.:									
11. Project component (activities)	1. Development of inland valley swamp/plains (1,150 ha) 2. Rehabilitation of rural trails (150 km) 3. Crossing works (23) 4. Development of water supply points (50)									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency										
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	Protracted relief and rehabilitation operation (PRRO)									
3. Project Location	Kissidougou, Guéckédou, Macenta, Beyta, Lola, N'Zérékoré, Yomou									
4. Type of project	1	3								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	10							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Food for work									
6. Fund sources (Funding agency)	WFP									
7. Budget	US\$24,446,403									
8. Project duration (dd/mm/yy)	Start: 2007 End: 2009									
9. Goal and objectives	<p>Goal: To assist in the recovery of the population of Forest Guinée (FG) from the negative impacts of the prolonged and repeated crises, particularly the refugee/returnee situation.</p> <p>Obj.: Prevent a deterioration of the nutritional status of Ivorian refugees and of people internally displaced (IDPs) by the current crisis Protect and restore vulnerable household livelihoods of both local and integrating refugees Improve the health and nutritional status of malnourished children, pregnant and lactating women, and people living with HIV.</p>									
10. Target beneficiaries	<p>Direct Ivorian refugees and Internally displaced people in FG (408,400)</p> <p>Sec.:</p>									
11. Project component (activities)	<p>1. Assistance to Ivorian Refugees and IDP (food aid)</p> <p>2. Rehabilitation of rural infrastructure and strengthening of livelihoods (through food for work) in communities affected by refugees or by rebel incursions.</p> <p>3. Health and nutrition</p>									
12. Expected results (outputs)	<p>1. Restoration of refugee camps through reforestation and establishment of village nurseries</p> <p>2. Rehabilitation of destroyed and/or damaged community infrastructures such as schools, health centers and wells</p> <p>3. Improvement of rural transport infrastructure such as roads and bridges</p> <p>4. Reinforcement of the agricultural sector through the rehabilitation of lowland areas, implementation of community wells and school gardens, and support to animal husbandry training</p> <p>5. Various trainings (income generating activities, vocational training, functional literacy, etc.)</p>									
13. Inputs	<p>1. Food (27,589 ton) and logistics</p> <p>2. Technical assistance</p>									
14. Implementing agency										
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Josette Sheeran					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	Support to "Post-Conflict Transition in Forest Guinea Region"									
3. Project Location	Kissidougou, Guéckédou, Macenta, Beyta, Lola, N'Zérékoré, Yomou									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	10							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Food aid									
6. Fund sources (Funding agency)	Japanese Government									
7. Budget	US\$1,000,000									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2009									
9. Goal and objectives	Goal: To assist in the recovery of the population of Forest Guinée (FG) from the negative impacts of the prolonged and repeated crises, particularly the refugee/returnee situation. Obj.: Protect and restore vulnerable household livelihoods of both local and integrating refugees Train farmers on NERICA rice production and food security initiatives Improve the health and nutritional status of malnourished children, pregnant and lactating women, and people living with HIV									
10. Target beneficiaries	Direct: women farmers and young volunteers mobilized to fight armed rebels in Forest Guinea (total 10,000) Sec.:									
11. Project component (activities)	1. Five thousand two hundred (5,200) women farmers trained in improved agricultural skills related to the NERICA production 2. Timely provision of food in sufficient quantity for targeted beneficiaries participating in safety nets activities and in food-supported asset creation mainly agriculture, community works, self-reliance, DDR and reintegration 3. Timely provision of food in sufficient quantity and quality for targeted children in supplementary feeding programs 4. Timely provision of food in sufficient quantity and quality for targeted women in food supported MCH programs									
12. Expected results (outputs)	1. Sustainable livelihoods of 10,000 beneficiaries in WFP-supported project area improved 2. Improved capacity of women farmers groups and households involved in NERICA production 3. Increased ability to manage shocks and meet necessary food needs within targeted households vulnerable to shocks									
13. Inputs	1. Food 2. Japanese expert in NERICA production 3. Agricultural inputs as well as tools									
14. Implementing agency	Leading: WFP Cooperate: Ministry of Agriculture and Livestock, JICA, NGOs, rural communities									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	Country Programme - Guinea (2007-2011)									
3. Project Location										
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	10									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below)									
	10: Food aid (rice)									
6. Fund sources (Funding agency)	WFP									
7. Budget	Total: USD 22,097,112									
8. Project duration (dd/mm/yy)	Start: 2007 End: 2011									
9. Goal and objectives	Goal: Obj.: To allow poor households, especially women and children, to improve their social development and to increase their food security.									
10. Target beneficiaries	Direct: School pupils at public primary schools in poor rural areas that are exposed to food insecurity and where enrolment is below the national average (for component 1) Secondary:									
11. Project component (activities)	1. Support to primary education and education for girls 2. Support for community rural development 3. Improvement of health and nutrition in vulnerable groups (Children, pregnant and lactating women, people living with HIV/AIDS)									
12. Expected results (outputs)	1. Annual growth rate of enrolment remains sustained, particularly for girls; absenteeism and dropout rates fall and participation of parents in school activities improves 2. Availability of food is improved through an increase in agricultural production in intervention zones, making it possible for communities to supply their school canteens, at least in part. 3. The nutritional status of children under 5 and of pregnant and lactating women is improved 4. The nutritional status of people living with HIV/AIDS (PLWHA) is reinforced, as is the food security of their families									
13. Inputs	Food									
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	Guinea Emergency Food Crisis Response Program (GEFCRP)									
3. Project Location	Not specified									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	1	3	4	9	10					
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10: Fertilizer provision									
6. Fund sources (Funding agency)	World Bank									
7. Budget	Total: USD 5 million									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2010									
9. Goal and objectives	Goal: Obj.: Reduce the negative impact of high and volatile food prices on the lives of the poor in a timely way Support governments in the design of sustainable policies that mitigate the adverse impacts of high and more volatile food prices on poverty while minimizing the creation of long-term market distortions Support broad-based growth in productivity and market participation in agriculture to ensure an adequate and sustainable food price response									
10. Target beneficiaries	Direct: Sec.:									
11. Project component (activities)	1. Food crisis response development policy grant - Support the Government's poverty reduction strategy by providing the authorities with needed fiscal space to compensate for the loss of revenues resulting from the temporary reduction of customs duties on low-quality rice by 10 percentage points, from 12.75 to 2.75 percent, for the period from June 1 to October 31, 2008 2. Emergency labor intensive public works - Road maintenance and urban works programs aimed at providing employment and income to households in the most affected areas. 3. Emergency agricultural productivity support project To finance: - the production of 2,000 tons of certified seed by scaling up the farmer seed multiplication network, - the procurement of 70,000 smallholder farmers, - the distribution of input packages to 70,000 smallholder farmers									
12. Expected results (outputs)	Avoid the reduction in importing rice with low quality									
13. Inputs										
14. Implementing agency	Leading: Ministry of Agriculture (Component 1 and 3), Project Coordination Unit, PDU3 (Component 2) Cooperate: National Federation of Producer Organizations (Component 3)									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Jane Hopkins					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	Project of the Irrigated Rice Cultivation Development in Forest Guinea (PDRiGF)									
3. Project Location	Forest Guinea									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	4	7								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	AFD									
7. Cost	Total: EUR 5.8 million									
8. Project duration (dd/mm/yy)	Start: End: 2004									
9. Goal and objectives	Goal: Obj.:									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)										
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Guinea									
2. Title (Full name)	Development Study for Sustainable Rural Development in Middle and Upper									
3. Project Location	Moyenne Guinee, Haute Guinee									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	7	4								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	JICA									
7. Cost	Total: US\$3,000,000									
8. Project duration (dd/mm/yy)	Start: 07/2008 End: 06/2011									
9. Goal and objectives	Goal: Livelihood of the residents in Central and Highland Guinea is improved. Obj.: Elaborate M/P and A/P. Through the implementation of this study the organizational capacity of Ministry of Agriculture and other organizations concerned will be strengthened at different levels in the country.									
10. Target beneficiaries	Direct: Ministry officials Secondary: Residents in Central and Highland Guinea									
11. Project component (activities)	1. Understanding the current status of the target area, Draft M/P, Draft A/P 2. Implementation of Pilot project 3. Implementation of Pilot project, Preparation of Draft Final Report 4. Final Report, Steering Committee									
12. Expected results (outputs)	1. The M/P is composed of models of sustainable farming method which benefits from natural environment of the regions and strategy for expansion of sustainable farming method. 2. Priority zones should be chosen and A/P be developed based on the development of concrete activities for these areas. 3. Through the implementation of this study the organizational capacity of Ministry of Agriculture and other organizations concerned will be strengthened at different levels.									
13. Inputs	1. Japanese consultants conducting the Study 2. Training for counterparts on site and in Japan 3. Equipment necessary for the Study (Computer, Rice miller, Vehicles, farming tools)									
14. Implementing agency	Leading: JICA Cooperate: Ministry of Agriculture, Livestock, Water and Forest (MAEEF)									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Haruhiko IGAWA e-mail: igawa.haruhiko@jica.go.jp									

Key Word:

Organizational capacity, master plan, sustainable farming

2.4 Kenya

- KE-1 Natural Resources Management Project
- KE-2 Kenya Agricultural Productivity Project (KAPP)
- KE-3 Drought Management Initiative (DMI) within the framework of Arid Lands Resource Management Project (ALRMP) Phase Two
- KE-4 The Rehabilitation and Development of Holla Irrigation project – (Phase 1&2)
- KE-5 Bura Irrigation & Resettlement Project
- KE-6 To evaluate the adaptability and seed production potential of the New Rice for Africa varieties in different agro-ecologies and socio-economic settings in western Kenya
- KE-7 NERICA adaptability trials and National Performance Trial (NPT)
- KE-8 Southern Nyanza Community Development Project
- KE-9 Central Kenya Dry Area Smallholder and Community Services Development Project
- KE-10 Mount Kenya East Pilot Project for Natural Resource Management
- KE-11 FAO's Initiative on Soaring Food Prices
- KE-12 Mwea Irrigation Development Project
- KE-13 Community Agricultural Development Project in Semi Arid Lands
- KE-14 Special Assistance for Project Formation for Mwea Irrigation Development Project
- KE-15 Rice promotion expert
- KE-16 Irrigation, Drainage & Water Storage Expert

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Kenya									
2. Title (Full name)	Natural Resources Management Project Component 1: Water Resource Management and Irrigation, Sub-Component 1.2: Consolidation of Irrigation Reforms and Investments Component 2: Management of Forest Resources, Component 3: Livelihood Investments in the Upper Tana Catchment, Component 4: Management and Monitoring and Evaluation.									
3. Project Location	Mwea, Ahero, West Kano, Bunyala and Perkerra irrigation schemes, and Lower Nzoia area									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	1	3	4	7						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	World Bank									
7. Budget	Total: USD 68.5 million Budget for Component 1: USD 43.9 million Budget for Sub-Component 1.2: USD 29.0 million									
8. Project duration (dd/mm/yy)	Start: 1 July 2007 End: 30 June 2013									
9. Goal and objectives	Goal: Goal of the entire project: To enhance the institutional capacity to manage water and forest resources, reduce the incidence and severity of water shocks in river catchments, and improve the livelihoods of communities participating in the co-management of water and forests. Obj.: Objective of Sub-Component 1.2 which is related to Rice: To contribute to sustainable irrigation development through the consolidation of reforms of National Irrigation Board (NIB) and development of irrigation in the downstream part of Nzoia Basin.									
10. Target beneficiaries	Direct: Farmers, staff of National Irrigation Board (NIB), Irrigation Water Users Associations (IWUAs) Sec.:									
11. Project component (activities)	1. Purchase / Rehabilitation of plant machinery: Provide plant and machinery and workshop equipment (Heavy and light plant, Agricultural machinery, tools etc.). 2. Consultancy Services: 1.1 The review of the engineering designs, the tender documents, assist the PIU to tendering process and supervision of execution of the project, 1.2 On the field training of technicians in charge of the information of the project. 3. Institutional support: 2.1 Provision of cars and stationary including computers, printers, photocopiers and office furniture and equipment, 2.2 Provision of Salaries and running cost to the Project Implementation Unit (PIU). 4. To enhance the role of the private sector in irrigation schemes 5. To build the institutional capacity of NIB and IWUAs for optimal performance 6. To improve the performance of the Mwea, Ahero, West Kano, Bunyala and Perkerra irrigation schemes and develop a gravity irrigation scheme of 3,500 ha in the Lower Nzoia area									
12. Expected results (outputs)	1. New irrigation scheme of 3,500ha developed in the Lower Nzoia area 2. 12,800ha of public schemes in Mwea, Ahero, West Kano, Bunyala and Perkerra irrigation scheme systems rehabilitated, modernized and enhanced 3. Capacity of the NIB strengthened 4. Key sector institutions restructured and realigned in line with the Irrigation Policy 5. Capacity of farmers and IWUAs in six public schemes strengthened and enhanced 6. Irrigation Management Transfer implemented in the schemes within the project 7. Increased involvement of the private sector in irrigation schemes									
13. Inputs	1. Consultancy Services 2. Goods 3. Recurrent Cost 4. Cost of civil engineering work									
14. Implementing agency	Ministry of Water and Irrigation (National Irrigation Board (NIB)), Ministry of Environment and Natural Resources									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems										

Keywords: Irrigation, policy, private sector, capacity building, Irrigation Water Users Associations (IWUAs), Civil engineering work

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Kenya									
2. Title (Full name)	Kenya Agricultural Productivity Project (KAPP)									
3. Project Location	Seven out of the eight provinces of Kenya in twenty districts namely: Nyeri, Nyandarua, Taita Taveta, Kilifi, Kwale, Tana River, Makueni, Embu, Meru, Homa Bay, Gucha, Siaya, Nakuru, Trans Nzoia, West Pokot, Busia, Butere-Mumias , Kakamega, Garissa and Wajir Districts									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	1	2	3							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	World Bank									
7. Budget	Total: USD 40 million 1. Policy and institutional reforms 6.3 million 2. Support to extension system reform 3.4 million 3. Support to research system reform 25.0 million 4. Support to farmer/client empowerment 5.3 million									
8. Project duration (dd/mm/yy)	Start: 21 Oct. 2004 End: 31 Dec. 2008									
9. Goal and objectives	Goal: To contribute to sustainable increase of Kenya's agricultural productivity and improvement of the livelihoods of its rural communities through the improved performance of the agricultural technology supply and demand system. Obj.: To improve the system supporting generation, dissemination, and adoption of agricultural technology through: (a) reforms in extension to increase pluralism, responsiveness to clients, and participation by private providers; (b) evolutionary change in the existing system of agricultural research to improve accountability and impact; and, (c) increased empowerment of producer organizations to influence the planning, design, implementation, funding and monitoring and evaluation of research, extension, training and capacity building activities.									
10. Target beneficiaries	Direct Researchers, extension workers, farmers Sec.: Farmers									
11. Project component (activities)	1. Facilitation of Policy and Institutional Reforms 2. Support to Extension System Reform 3. Purchase / Rehabilitation of plant machinery: Provide plant and machinery and workshop equipment (Heavy and light plant, Agricultural machinery, tools etc.). 4. Consultancy Services: 1.1 The review of the engineering designs, the tender documents, assist the PIU to tendering process and supervision of execution of the project, 1.2 On the field training of technicians in charge of the information of the project.									
12. Expected results (outputs)	1. Institutional support: 2.1 Provision of cars and stationary including computers, printers, photocopiers and office furniture and equipment, 2.2 Provision of Salaries and running cost to the Project Implementation Unit (PIU). 2. Adoption of a pluralistic, efficient, farmer-led extension system. 3. Establishment of an institutional framework for NARS coordination and financing Cost effective and high quality KARI research programs located within the NARS framework and based upon stakeholder defined priorities and outputs disseminated 4. Increased ability of farmers organizations to effectively mobilize, scale up agricultural technology, and influence research and extension service delivery.									
13. Inputs	1. Consultancy Services 2. Goods 3. Recurrent Cost									
14. Implementing agency	Kenya Agricultural Research Institute (KARI)									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems										

Keywords: Agricultural research system, Agricultural extension system, Producer organizations

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Kenya									
2. Title (Full name)	Drought Management Initiative (DMI) within the framework of Arid Lands Resource Management Project (ALRMP) Phase Two									
3. Project Location	Mandera, Kajiado and Kwale Districts									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	1	3	4	5	6	7	9			
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	DMI is funded by European Commission, ALRMP is funded by International Development Association (IDA)/The World Bank									
7. Budget	DMI: EUR 17 million ALRMP: Total Project Cost USD 76.5 million, BORROWER USD 11.9 million, IDA USD 60 million, LOCAL COMMUNITIES USD 4.6 million									
8. Project duration (dd/mm/yy)	Start: DMI: Jan. 2007, (ALRMP: 19 Jun. 2003) End: DMI: Dec. 2010, (ALRMP: 30 Jun 2010)									
9. Goal and objectives	Goal: To improve effectiveness and efficiency of drought management systems in Kenya Obj.: To support, strengthen, and institutionalize existing drought management mechanisms to develop more effective and timely responses.									
10. Target beneficiaries	Direct: Government of Kenya Officials, NGO Officials, the livestock owners, pastoralists and agro pastoralists Sec.:									
11. Project component (activities)	<ol style="list-style-type: none"> 1. National Drought Contingency Fund (NDCF)- Supporting the Kenya Government (GoK) in the creation of a NDCF (Additional contribution of Ksh. 850 million to the NDCF.) 2. Drought Management Coordination - Strengthening coordination of the drought management systems, enhancing efficiency of Early Warning System (EWS) and contingency planning. 3. Purchase / Rehabilitation of plant machinery: Provide plant and machinery and workshop equipment (Heavy and light plant, Agricultural machinery, tools etc.). 4. Consultancy Services: 1.1 The review of the engineering designs, the tender documents, assist the PIU to tendering process and supervision of execution of the project, 1.2 On the field training of technicians in charge of the information of the project. 5. Institutional support: 2.1 Provision of cars and stationary including computers, printers, photocopiers and office furniture and equipment, 2.2 Provision of Salaries and running cost to the Project Implementation Unit (PIU). 									
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. Establishment of a National Drought Contingency Fund (NDCF). 2. Strengthened coordination mechanisms and linkages between the Drought Contingency Fund and other existing drought management interventions. 3. Enhanced capacity of organizations and bodies involved in development of drought management policy. 4. LRRD continuum ensured by implementing activities linked to previous ECHO-funded emergency interventions, including preparedness and drought prevention activities. 									
13. Inputs	<ol style="list-style-type: none"> 1. Activities cost (trainings, workshops, etc.) 2. Technical Support to government and NGO officials 3. Purchase of equipments 4. Contribution to the NDCF 									
14. Implementing agency	Arid Lands Resource Management Project II (under the Ministry of Northern Kenya and other Arid Lands) for DMI, Office of the President for ALRMP									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems	Large project area, Donor and Government Bureaucracy									

Keywords: Drought management, NERICA, Cultivation trials, Irrigation

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Kenya									
2. Title (Full name)	The Rehabilitation and Development of Holla Irrigation project – (Phase 1&2)									
3. Project Location	Tana River District, Coast Province									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	7	10								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Institutional support									
6. Fund sources (Funding agency)	Arab Bank for African Economic Development(BADEA) Government of Kenya									
7. Budget	Total: USD 6.25 million									
8. Project duration (dd/mm/yy)	Start: 2005 End:									
9. Goal and objectives	Goal: Obj.:									
10. Target beneficiaries	Direct Sec.:									
11. Project component (activities)	<p>1. Civil Works:</p> <p>1.1 Construction of a pontoon based pumping system</p> <p>1.2 Construction of two pumping stations and installation of 6 pumps</p> <p>1.3 Construction of a sedimentation basin</p> <p>1.4 Construction of new main canal and rehabilitation of existing canals</p> <p>1.5 Construction of new main canal access road and rehabilitation of existing main canal access road and roads connecting the villages with the irrigated area</p> <p>1.6 Bush clearing and preparation of irrigation field</p> <p>1.7 Equipping and repair of the project management unit existing offices, staff housing, workshops, spare parts stores and fuel and oil storage tanks and a pilot farm</p> <p>1.8 Rehabilitation of existing and distribution of the domestic water supply to five villages</p> <p>2. Purchase / Rehabilitation of plant machinery: Provide plant and machinery and workshop equipment (Heavy and light plant, Agricultural machinery, tools etc.).</p> <p>3. Consultancy Services:</p> <p>1.1 The review of the engineering designs, the tender documents, assist the PIU to tendering process and supervision of execution of the project,</p> <p>1.2 On the field training of technicians in charge of the information of the project.</p> <p>4. Institutional support:</p> <p>2.1 Provision of cars and stationary including computers, printers, photocopiers and office furniture and equipment,</p> <p>2.2 Provision of Salaries and running cost to the Project Implementation Unit (PIU).</p>									
12. Expected results (outputs)										
13. Inputs	<p>1. Cost of civil engineering work</p> <p>2. Purchase / Rehabilitation of machinery</p> <p>3. Personnel cost</p>									
14. Implementing agency	Ministry of Water and Irrigation (National Irrigation Board: NIB)									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems										

Keywords: Irrigation scheme, Civil engineering work

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Kenya
2. Title (Full name)	Bura Irrigation & Resettlement Project
3. Project Location	Tana River District, Coast Province
4. Type of project	2 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Field of support	3 7 8 1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.
6. Fund sources (Funding agency)	Arab Bank for African Economic Development (BADEA) Government of Kenya Total: USD 6.25 million The Saudi Fund The OPEC Fund for International Development (OFID)
7. Budget	Total: USD 42.403 million KFD: USD 20.72 million, BADEA: USD 8.0 million, OFID: USD 6 million, Government of Kenya: USD 7.683 million
8. Project duration (dd/mm/yy)	Start: 2009 End: 2012
9. Goal and objectives	Goal: To create job opportunities and improve the living standard of the people in the project area by supporting resettlement of 2590 household farmers Obj.: Rehabilitation works for irrigation, drainage and infrastructure; and 11 provision of water for irrigation of 5460 hectares of land on the west bank of "Tana" river
10. Target beneficiaries	Direct Purchase / Rehabilitation of plant machinery: : Provide plant and machinery and workshop equipment (Heavy and light plant, Agricultural machinery, tools etc.). Sec.: Consultancy Services: 1.1 The review of the engineering designs, the tender documents, assist the PIU to tendering process and supervision of execution of the project, 1.2 On the field training of technicians in charge of the information of the project.
11. Project component (activities)	1. Institutional support: 2.1 Provision of cars and stationary including computers, printers, photocopiers and office furniture and equipment, 2.2 Provision of Salaries and running cost to the Project Implementation Unit (PIU). 2. Construction of a 26 km supply Canal connecting the new intake site to the existing main supply canal and rehabilitation of irrigation and drainage networks for irrigating an area of about 5460 ha. 3. Construction and rehabilitation of the main and feeder roads with a total length of 261 km and construction of 4 bridges across the main canal. 4. Supply of earthmoving equipment and machineries for construction of canals, roads and pumping equipment. Provision of means of transport for follow-up of project implementation and supply of equipment and materials for the project implementation unit. 5. Agricultural extension services. 6. Provision of micro-credit facilitates for farmers. 7. Consultancy Services: Includes detailed Engineering investigations pertaining, river hydrology assessment, and preparation of detailed design and tender documents and supervision of the project implementation. 8. Technical assistance provided by Kuwait Fund for the preparation of the technical and economic feasibility study.
12. Expected results (outputs)	
13. Inputs	1. Cost of civil engineering work 2. Purchase of equipments, machineries and materials, 3. Activities cost (Agricultural extension, Micro-credits, etc.) 4. Consultancy Services
14. Implementing agency	Ministry of Water and Irrigation (National Irrigation Board: NIB)
15. Status of the project	3 1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed
16. Issues/problems	1) Farmers have not planted a cash crop for 15 years (from 1990-2005). Similarly they have not planted subsistence crop for 9 years (1994-2002). This has resulted in famine, increased poverty levels and unemployment for the Scheme farmers and community. 2) Frequent breakdown of Pumping station 3) Silted canals ringed with Prosopis Juliflora (Mathenge) bush 4) Weak Co-operative and other farmers organizations. 5) Change of approach to management in public irrigation schemes in line with Government and NIB policy of Participatory Irrigation Management (PIM). 6) Proliferation of Prosopis Juliflora bush in farming areas and in water conveyance and storage.

Keywords: Irrigation scheme, Civil engineering work, Micro-credits, Consultancy Services, Agricultural extension

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Kenya									
2. Title (Full name)	NERICA adaptability trials and National Performance Trial (NPT)									
3. Project Location	Busia, Kuria, Maseno, Kisumu, Bungoma, Juja, Mwea, Matuga, Msabweni, Kilifi, Kwale, Taita, Marakwet									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	9	10							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Registration of NERICA varieties									
6. Fund sources (Funding agency)	Japan International Cooperation Agency (JICA)									
7. Budget	About JPY 12 million (USD 120,000)									
8. Project duration (dd/mm/yy)	Start: 2003 End: 31 Mar. 2009									
9. Goal and objectives	Goal: To improve farmers livelihoods by increasing rice-field acreage Obj.: To register suitable NERICA varieties with the Kenya Plant Health Inspectorate Services (KEPHIS)									
10. Target beneficiaries	Direct: Rice researchers and technicians Sec.: Farmers									
11. Project component (activities)	<ol style="list-style-type: none"> 1. NERICA adaptability trials 2. Purchase / Rehabilitation of plant machinery: Provide plant and machinery and workshop equipment (Heavy and light plant, Agricultural machinery, tools etc.). 3. Consultancy Services: <ol style="list-style-type: none"> 1.1 The review of the engineering designs, the tender documents, assist the PIU to tendering process and supervision of execution of the project, 1.2 On the field training of technicians in charge of the information of the 4. Institutional support: <ol style="list-style-type: none"> 2.1 Provision of cars and stationary including computers, printers, photocopiers and office furniture and equipment, 2.2 Provision of Salaries and running cost to the Project Implementation Unit 									
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. Identified suitable NERICA varieties to the Kenyan agricultural environments 2. Registered NERICA varieties with KEPHIS 3. Enhanced research capability of the rice researchers 									
13. Inputs	Activity cost (trials, training, workshop, etc.)									
14. Implementing agency	African Institute for Capacity Development (AICAD) in collaboration with Coast Development Authority (CDA), Egerton University, Jomo Kenyatta University of Agriculture and Technology, Kenya Agricultural Research Institute (KARI) Kibos, KARI Matuga, KARI Mwea, Kenya Plant Health Inspectorate Services (KEPHIS), Lake Basin Development Authority (LBDA), Marakwet District, Maseno University, Ministry of Agriculture, Mwea Irrigation Agricultural Development (MIAD) Centre, SACRED Africa									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems										

Keywords: NERICA, Cultivation trials, Registration of rice varieties

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Kenya									
2. Title (Full name)	Southern Nyanza Community Development Project									
3. Project Location	Six districts in Southern Nyanza (Homa Bay, Kuria, Migori, Nyamira, Rachuonyo and Suba Districts)									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	International Fund for Agricultural Development (IFAD)									
7. Budget	Total cost: USD 23.7 million IFAD loan: USD 15.6 million									
8. Project duration (dd/mm/yy)	Total: 2004 End: 2012									
9. Goal and objectives	Goal: To contribute to reduced poverty and improved livelihoods of communities in the project area Obj.: To enhance gendered empowerment of the rural communities through improved health and more rational use and management of natural resources for sustainable livelihood activities through;									
10. Target beneficiaries	Direct 100,000 households Sec.:									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Strengthening local institutions and community-driven processes for local development, 2. Improved and sustained gender-balanced access to essential primary health care services, sustainable access to safe domestic water and improved environmental sanitation and hygiene practices, 3. Purchase / Rehabilitation of plant machinery: Provide plant and machinery and workshop equipment (Heavy and light plant, Agricultural machinery, tools etc.). 4. Consultancy Services: <ol style="list-style-type: none"> 1.1 The review of the engineering designs, the tender documents, assist the PIU to tendering process and supervision of execution of the project, 1.2 On the field training of technicians in charge of the information of the 									
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. Institutional support: <ol style="list-style-type: none"> 2.1 Provision of cars and stationary including computers, printers, photocopiers and office furniture and equipment, 2.2 Provision of Salaries and running cost to the Project Implementation Unit 2. Gender-balanced access to essential primary health care services, sustainable access to safe domestic water and improved environmental sanitation and hygiene practices 3. Better on-farm labor productivity and strengthened human capacity, with improved food security and livelihood activities for the target groups 4. Improved community awareness between social behaviors and their consequences e.g., vulnerability to HIV/AIDS; poor crop husbandry and human sanitation leading to environmental degradation 									
13. Inputs	<ol style="list-style-type: none"> 1. Consultancy Services 2. Goods 3. Recurrent Cost 									
14. Implementing agency	Ministry of Planning and National Development in collaboration with Ministry of Agriculture, Ministry of Water and Irrigation, Ministry of Health, and Ministry of Sports, Gender and Children Development.									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems										

Keywords: Community Development, Human capacity building

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Kenya									
2. Title (Full name)	Central Kenya Dry Area Smallholder and Community Services Development Project									
3. Project Location	5 districts in Central Kenya (Kirinyaga, Maragwa, Nyandarua, Nyeri and Thika Districts)									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	7							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	International Fund for Agricultural Development (IFAD) Belgian Survival Fund (BSF)									
7. Budget	Total: USD 6.25 million									
8. Project duration (dd/mm/yy)	Start: 2001 End: 2009 (3 year extension to 2011)									
9. Goal and objectives	<p>Goal: To reduce mortality and morbidity and improve the well-being of target group families living below the poverty line.</p> <p>Obj.:</p> <ol style="list-style-type: none"> 1) Raising food production and income, and improving living conditions through increased agricultural production and productivity 2) Improving health care, providing safe water and promoting improved sanitation 3) Strengthening local institutions 4) Promoting participation 									
10. Target beneficiaries	Direct: 36,000 households that are regularly affected by diseases and malnutrition because of low resource endowment; female-headed households; landless households and those with small plots of land; families that rely on sale of irregular casual labor; orphans and unemployed youth; and families with poor access to health facilities and safe drinking water.									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Provision of basic primary health care and domestic water supply 2. Improving household food security through provision of agricultural infrastructure, including micro-irrigation , and services adapted to the requirements of subsistence farm households 3. Purchase / Rehabilitation of plant machinery: Provide plant and machinery and workshop equipment (Heavy and light plant, Agricultural machinery, tools etc.). 									
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. Consultancy Services: <ol style="list-style-type: none"> 1.1 The review of the engineering designs, the tender documents, assist the PIU to tendering process and supervision of execution of the project, 1.2 On the field training of technicians in charge of the information of the 2. Institutional support: <ol style="list-style-type: none"> 2.1 Provision of cars and stationary including computers, printers, photocopiers and office furniture and equipment, 2.2 Provision of Salaries and running cost to the Project Implementation Unit 									

	<p>3. Agricultural Services:</p> <p>1) Increased Household Food production</p> <p>1.1 Improved and sustainable crop/livestock production</p> <p>2) ADGs</p> <p>2.1 Establishment of ADGs as key access mechanism to target group producers through participation priorities</p> <p>3) Partnership Development</p> <p>3.1 Partnership arrangements with NGOs, bi-lateral, private sector and Government of Kenya service providers</p> <p>3.2 Developing community-based service providers</p> <p>4) Sustainable natural resource development</p> <p>4.1 Rain fed agricultural and livestock development</p> <p>4.2 Micro irrigation development</p> <p>4. Group Extension:</p> <p>1) Establishment of viable and sustainable groups for project specific public health, water supply, and on and off-farm income generation</p> <p>5. PAI:</p> <p>1) The development of pilot programs in each district for the promotion of savings and credit associations and by specialist NGOs and support community-based initiatives involving the Government/beneficiary/NGO partnership arrangement</p> <p>6. Project Coordination:</p> <p>1) To ensure the effective coordination, financial management and M&E of project activities</p>
13. Inputs	<p>1. Consultancy Services</p> <p>2. Goods</p> <p>3. Recurrent Cost</p>
14. Implementing agency	Ministry of Planning and National Development in collaboration with Ministry of Health, Ministry of Water and Irrigation, Ministry Agriculture/Livestock, and Ministry of Gender, Sports, and Social Services.
15. Status of the project	3 1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed
16. Issues/problems	

Keywords: Water users associations (WUAs), Micro irrigation, Community group

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Kenya									
2. Title (Full name)	Mount Kenya East Pilot Project for Natural Resource Management									
3. Project Location	5 districts on the eastern slopes of Mount Kenya (Embu, Imenti North, Imenti South, Meru South, Meru Central, Kirinyaga and Nyeri North Districts)									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	5	6	7					
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	International Fund for Agricultural Development (IFAD) Global Environmental Facility (GEF)									
7. Budget	Total: USD 6.25 million									
8. Project duration (dd/mm/yy)	Start: 2004 End: 2011									
9. Goal and objectives	<p>Goal: To contribute to poverty reduction through more productive, equitable and sustainable use of natural resources including agriculture</p> <p>Obj.: Visible accelerating land degradation processes are reduced, and equitable and sustainable use of natural resources is enhanced by</p> <ol style="list-style-type: none"> 1) supporting sustainable watershed management and development within protected areas 2) conserving and managing ecosystems, including forest rehabilitation, capacity-building for ecosystem management and for research, monitoring and information management 3) reducing human/wildlife conflicts related to the proximity of the unique Mount Kenya National Park, to improve livelihoods and protect community investments 4) providing support to the Kenya Wildlife Service for management of activities financed by a GEF grant, and for monitoring and evaluating environmental impact 									
10. Target beneficiaries	<p>Direct 60,000 households</p> <p>Sec.:</p>									
11. Project component (activities)	<ol style="list-style-type: none"> 1. <ol style="list-style-type: none"> 1.1 Conduct a socio-economic baseline survey 1.2 Mobilize communities 1.3 Support formation of functional WUAs 1.4 Support adherence to water use and agricultural regulations 1.5 Support formation of functional marketing groups 1.6 Train front-line staff on gender, water management, etc. 2. Purchase / Rehabilitation of plant machinery: Provide plant and machinery and workshop equipment (Heavy and light plant, Agricultural machinery, tools etc.). 									
	<ol style="list-style-type: none"> 3. Consultancy Services: <ol style="list-style-type: none"> 1.1 The review of the engineering designs, the tender documents, assist the PIU to tendering process and supervision of execution of the project, 1.2 On the field training of technicians in charge of the information of the 4. Institutional support: <ol style="list-style-type: none"> 2.1 Provision of cars and stationary including computers, printers, photocopiers and office furniture and equipment, 2.2 Provision of Salaries and running cost to the Project Implementation Unit 									

	<ol style="list-style-type: none"> 5. 5.1. Enhance access to marketing information by target groups 5.2 Carry out spot rehabilitation of selected access roads in target area 	
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. Improved local-level governance capacity, through the establishment/strengthening of CBOs NGOs, county councils, and government technical services and the private sector. 2. Water-use efficiency enhanced. 3. Natural resource management improved. 4. Incoming-generating activities (IGAs) promoted (agriculture and natural resources based). 5. Marketing of agriculture and natural resource-based products improved. 	
13. Inputs	<ol style="list-style-type: none"> 1. Consultancy Services 2. Goods 3. Recurrent Cost 	
14. Implementing agency	Ministry of Water and Irrigation in collaboration with Ministry of Agriculture, Ministry of Livestock Development, Ministry of Gender and Children Development, Ministry of Forestry and Wildlife, and Ministry of Natural Resources	
15. Status of the project	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="text-align: center;">3</td> </tr> </table> 1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed	3
3		
16. Issues/problems		

Keywords: Natural resource management, Income generating activities, Marketing, Agricultural technology dissemination, Food-processing

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Kenya									
2. Title (Full name)	FAO's Initiative on Soaring Food Prices									
3. Project Location	Ahero, West Kano, and Bunyala Irrigation Scheme									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	5	8	10					
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Capacity Building for Farmer Groups									
6. Fund sources (Funding agency)	The Food and Agriculture Organization of the United Nations (FAO) United Nations Central Emergency Response Fund (CERF)									
7. Budget	Total: USD 6.25 million									
8. Project duration (dd/mm/yy)	Start: July 2008 End: June 2009									
9. Goal and objectives	Goal: To improve livelihoods of the farmers and ensure food security Obj.: To revive the irrigation schemes in the western Kenya through promoting rice cultivation and marketing									
10. Target beneficiaries	Direct Farmers Sec.: Traders and Consumers									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Purchase / Rehabilitation of plant machinery: Provide plant and machinery and workshop equipment (Heavy and light plant, Agricultural machinery, tools etc.). 2. Consultancy Services: <ol style="list-style-type: none"> 1.1 The review of the engineering designs, the tender documents, assist the PIU to tendering process and supervision of execution of the project, 1.2 On the field training of technicians in charge of the information of the 3. Institutional support: <ol style="list-style-type: none"> 2.1 Provision of cars and stationary including computers, printers, photocopiers and office furniture and equipment, 2.2 Provision of Salaries and running cost to the Project Implementation Unit 4. Marketing farmers produce 5. Value Chain study 									
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. Increased rice productivity 2. Improved farmers' livelihoods 									
13. Inputs	<ol style="list-style-type: none"> 1. Seeds 2. Fertilizers 3. Pesticides 4. Activity cost (capacity building etc.) 									
14. Implementing agency	The Food and Agriculture Organization of the United Nations (FAO)									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems	Challenge 1: Cost reduction in rice production Challenge 2: Marketing Challenge 3: Rice seed production in the western Kenya Challenge 4. Short duration of the project compromising sustainability									

Keywords: Micro credit, Irrigation schemes, Marketing, Emergency Food Aid

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Kenya									
2. Title (Full name)	Mwea Irrigation Development Project									
3. Project Location	Mwea Irrigation Scheme in Kirinyaga District									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	5	6	7					
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	Japan International Cooperation Agency (JICA)									
7. Budget	JPY 13,080 - 16,184 million (estimated)									
8. Project duration (dd/mm/yy)	Total: 2010 (tentative) End: 2016 (tentative)									
9. Goal and objectives	<p>Goal: Contribute to improvement in the farmers' livelihoods in the areas and to the increase in food self-sufficiency in Kenya</p> <p>Obj.: 1) To construct, expand and rehabilitate irrigation related-facilities in the Mwea Irrigation Scheme. 2) To improve management system for the operation and maintenance of the irrigation facilities 3) To improve rice productivity and rice distribution system</p>									
10. Target beneficiaries	Direct Farmers in the irrigation scheme Sec.:									
11. Project component (activities)	<p>1. Civil engineering work 1.1 Construction and rehabilitation of infrastructure such as dams, head works etc. 1.2 Expansion of irrigation facilities and development of paddy fields 1.3 Construction of post-harvest facilities</p> <p>2. Procurement of agricultural machinery and equipments</p> <p>3. Purchase / Rehabilitation of plant machinery: Provide plant and machinery and workshop equipment (Heavy and light plant, Agricultural machinery, tools etc.).</p> <p>4. Consultancy Services: 1.1 The review of the engineering designs, the tender documents, assist the PIU to tendering process and supervision of execution of the project, 1.2 On the field training of technicians in charge of the information of the project.</p>									
12. Expected results (outputs)	<p>1. Institutional support: 2.1 Provision of cars and stationary including computers, printers, photocopiers and office furniture and equipment, 2.2 Provision of Salaries and running cost to the Project Implementation Unit (PIU).</p> <p>2. Management system for the operation and maintenance of the irrigation facilities improved.</p> <p>3. Rice productivity and rice distribution system improved.</p>									
13. Inputs	<p>1. Cost of civil engineering work</p> <p>2. Provision of machinery and equipments</p> <p>3. Training of Kenyan personnel in Japan</p>									
14. Implementing agency	National Irrigation Board (NIB)									
15. Status of the project	1	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems										

Keywords: Irrigation scheme, Civil engineering work, Infrastructure

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Kenya									
2. Title (Full name)	Community Agricultural Development Project in Semi Arid Lands									
3. Project Location	Keiyo District (Metkei, Soy, and Tambach Divisions), Maraket District (Tunyo, and Tot Divisions)									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	6							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	Japan International Cooperation Agency (JICA)									
7. Budget	JPY 330 million									
8. Project duration (dd/mm/yy)	Total: 11 Oct. 2005 End: 10 Oct. 2010									
9. Goal and objectives	Goal: Agricultural production is increased in Keiyo and Marakwet districts Obj.: The target groups increase agricultural production in a sustainable manner.									
10. Target beneficiaries	Direct Smallholder farmers, farmers' organizations, pastoralists, women and youth Sec.:									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Participatory Planning. <ol style="list-style-type: none"> 1.1 Conduct a baseline survey to establish current status. 1.2 Identify farmer groups. 1.3 Train farmer groups on PCM/RRA/PRA. 1.4 Involve the community members and their leaders through the entire project planning and implementation process of CIP. 2. Pluralistic Extension. <ol style="list-style-type: none"> 2.1 Conduct a district assessment of existing service providers. 2.2 Strengthen a divisional networking of service providers. 2.3 Provide technical support to service providers. 2.4 Facilitate to make a divisional action plan of pluralistic extension service. 2.5 Facilitate location to utilize agricultural development action plan. 3. Purchase / Rehabilitation of plant machinery: Provide plant and machinery and workshop equipment (Heavy and light plant, Agricultural machinery, tools etc.). 4. Consultancy Services: <ol style="list-style-type: none"> 1.1 The review of the engineering designs, the tender documents, assist the PIU to tendering process and supervision of execution of the project, 1.2 On the field training of technicians in charge of the information of the 									
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. Institutional support: <ol style="list-style-type: none"> 2.1 Provision of cars and stationary including computers, printers, photocopiers and office furniture and equipment, 2.2 Provision of Salaries and running cost to the Project Implementation Unit 2. Pluralistic extension service delivery is promoted. 3. Appropriate technologies to increase crop and livestock production are 4. Guidelines for community agricultural development are prepared 									

13. Inputs	<ol style="list-style-type: none"> 1. 1 Japanese Side <ol style="list-style-type: none"> 1-1 Dispatch of experts <ol style="list-style-type: none"> 1) Long-term expert: Chief Adviser/Semi Arid Land Agriculture, Coordinator/Community Development 2) Short-term experts (Crop, Livestock, etc.) 1-2 Provision of equipment and vehicle(s) 1-3 Training of counterparts in Japan or in third countries 1-4 Allocation of operational costs for the Project 2. 2 Kenyan side <ol style="list-style-type: none"> 2-1 Assignment of counterpart personnel and administrative staff <ol style="list-style-type: none"> 1) Counterpart personnel including Project Director and Project Manager 2) Driver(s) and other necessary support personnel 2-2 Provision of land, building, and other necessary facilities 2-3 Allocation of operational costs for the Project 		
14. Implementing agency	Ministry of Agriculture		
15. Status of the project	<table border="1" style="display: inline-table;"> <tr> <td style="text-align: center;">3</td> <td>1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed</td> </tr> </table>	3	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed
3	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed		
16. Issues/problems			

Keywords: Agricultural technology transfer, Community agriculture, Semi arid lands, NERICA

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Kenya										
2. Title (Full name)	Special Assistance for Project Formation for Mwea Irrigation Development Project										
3. Project Location	Mwea Irrigation Scheme in Kirinyaga District										
4. Type of project	<table border="1"> <tr> <td>1</td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector</p>	1									
1											
5. Field of support	<table border="1"> <tr> <td>7</td> <td>10</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Project formation</p>	7	10								
7	10										
6. Fund sources (Funding agency)	Japan International Cooperation Agency (JICA)										
7. Budget	JPY 91.1 million										
8. Project duration (dd/mm/yy)	Total: Aug. 2008 End: Aug. 2009										
9. Goal and objectives	<p>Goal: To increase rice productivity and improve rice market system by construction, expansion and rehabilitation of irrigation facilities and other related facilities and improvement of its operation and management in Mwea irrigation area, thereby contributing to the improvement in livelihood of farmers in Mwea and the food self-sufficiency in Kenya.</p> <p>Obj.:</p> <ul style="list-style-type: none"> a) Expansion of Mwea Scheme b) Infrastructure rehabilitation and development including construction of Thiba Dam c) Strengthening of farmer's organizations for effective scheme management and optimum production d) Strengthening agriculture support services including agricultural extension, post-harvest processing, marketing, research and credit service 										
10. Target beneficiaries	Direct National Irrigation Board (NIB) Sec.: Farmers in the irrigation scheme										
11. Project component (activities)	<ol style="list-style-type: none"> 1. TOR 1: To review and confirm the necessity of the project <ol style="list-style-type: none"> 1.1 To identify current status and issues of agriculture sector in Kenya <ol style="list-style-type: none"> 1.1.1 To review current status of agriculture sector, including demand for rice, rice market, technical assistance for rice production and institutional framework for irrigation development. 1.1.2 To review the policies for development of agriculture and irrigation. 1.1.3 To review the process of irrigation development in Kenya and identify issues concerned (at development planning, coordination with the public, construction and O&M stages). 1.2 To confirm current situation and issues in the project area <ol style="list-style-type: none"> 1.2.1 To confirm socio-economic condition, 1.2.2 To confirm current status of existing irrigation facilities and identify issues concerned, and 1.2.3 To assess beneficiaries' needs for development of irrigation facilities. 1.3 To confirm the necessity and priority of the project (the consistency of the national policies, forecast of domestic rice demand, and international market prices of rice). 2. TOR 2: To review and confirm the components of the project 3. Purchase / Rehabilitation of plant machinery: Provide plant and machinery and workshop equipment (Heavy and light plant, Agricultural machinery, tools etc.). 4. Consultancy Services: <ol style="list-style-type: none"> 1.1 The review of the engineering designs, the tender documents, assist the PIU to tendering process and supervision of execution of the project, 1.2 On the field training of technicians in charge of the information of the project. 5. Institutional support: <ol style="list-style-type: none"> 2.1 Provision of cars and stationary including computers, printers, photocopiers and office furniture and equipment, 2.2 Provision of Salaries and running cost to the Project Implementation Unit (PIU). 										
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. Inception Report 2. Interim Report 3. Draft Final Report 4. Final Report with summary 										
13. Inputs	<ol style="list-style-type: none"> 1. Japanese side: <ol style="list-style-type: none"> 1) Dispatch a SAPROF team to carry out the services (Agriculture Development Specialist (Team Leader), Irrigation Development Specialist, Participatory Development /Community Organization Specialist), Water Resource Development Specialist, Rice Farming Specialist, Financial /Organizational Management Specialist, Environmental Specialist, Social Consideration Specialist) 2) Activity cost (study, workshop, report printing, etc) 										

	2. Kenyan side: 1) Relevant data, information and documents 2) Counterpart personnel 3) Appropriate office space, office equipment and secretarial services 4) Issuance of entry permits 5) Safety of the SAPROF team members 6) Assistance in transportation arrangements 7) Assistance in medical services 8) Assistance in customs clearance, exempt from any duties, etc.		
14. Implementing agency	National Irrigation Board (NIB)		
15. Status of the project	<table border="1"> <tr> <td>3</td> <td>1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed</td> </tr> </table>	3	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed
3	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed		
16. Issues/problems			

Keywords: Irrigation scheme, Project formation,

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Kenya									
2. Title (Full name)	Rice promotion expert									
3. Project Location	Country wide									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	9							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	Japan International Cooperation Agency (JICA)									
7. Budget	JPY 78 million for 3 years (estimated)									
8. Project duration (dd/mm/yy)	Total: Sep. 2009 (tentative) End: Aug. 1012 (tentative)									
9. Goal and objectives	Goal: Obj.: 1) Promote rice production 2) Provision of expertise in rice technology development 3) Capacity development in rice production development									
10. Target beneficiaries	Direct Farmers and staff of Ministry of Agriculture Sec.:									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Purchase / Rehabilitation of plant machinery: Provide plant and machinery and workshop equipment (Heavy and light plant, Agricultural machinery, tools etc.). 2. Consultancy Services: 1.1 The review of the engineering designs, the tender documents, assist the PIU to tendering process and supervision of execution of the project, 1.2 On the field training of technicians in charge of the information of the 3. Institutional support: 2.1 Provision of cars and stationary including computers, printers, photocopiers and office furniture and equipment, 2.2 Provision of Salaries and running cost to the Project Implementation Unit 4. Assist in capacity building of staff and farmers 5. Play a key role in introduction of rice production enhancing technologies 6. Assist in NERICA seed multiplication and dissemination 7. Jointly with the country counterpart spearhead lessons learnt from Mwea rice irrigation scheme to other potential areas country wide 									
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. Rice promotion strategy finalized 2. Rice production increased 3. New technologies in rice disseminated 4. Capacity of rice extension staff and farmers strengthened 									
13. Inputs	<ol style="list-style-type: none"> 1. Japanese side: 1.1 Dispatch of an long-term expert 1.2 Activity cost 2. Kenyan side: 2.1 Appoint counterpart to work with the expert 2.2 Prioritization of rice as an important staple food crop 2.3 Assignment of rice desk officer 2.4 Office space 									
14. Implementing agency	Ministry of Agriculture									
15. Status of the project	2	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems										

Keywords: NERICA, Rice promotion, Seed multiplication, Capacity building

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Kenya									
2. Title (Full name)	Irrigation, Drainage & Water Storage Expert									
3. Project Location	Country wide									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	1	4	7	10						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Project formulation									
6. Fund sources (Funding agency)	Japan International Cooperation Agency (JICA)									
7. Budget	JPY 32 million for 2 years (estimated)									
8. Project duration (dd/mm/yy)	Start: Aug. 2009 (tentative) End: Jul. 2011 (tentative)									
9. Goal and objectives	Goal: Obj.: 1) Support the implementation of the irrigation and drainage reforms after the finalization of the irrigation policy, 2) Support the development of irrigation, drainage and water storage master plan, 3) Support towards achievement of Vision 2030 on irrigation, drainage and water storage targets, 4) Support reasonable, effective irrigation, drainage & water storage projects management, 5) Promote organizational reinforcement of the Ministry of Water and Irrigation, 6) Promote ongoing and future irrigation & drainage programs under Japan's ODA, 7) Capacity development for community participation in irrigation & drainage management.									
10. Target beneficiaries	Direct Staff of Ministry of Water and Irrigation Sec.: Farmers									
11. Project component (activities)	1. Advice and assist the Ministry on Irrigation sector reforms in accordance with the new irrigation policy 2. Advice on the achievement of vision 2030 targets on irrigation, drainage and water storage including development of irrigation, drainage and water storage master plan and action plan for achievement of the targets 3. Purchase / Rehabilitation of plant machinery: Provide plant and machinery and workshop equipment (Heavy and light plant, Agricultural machinery, tools etc.). 4. Consultancy Services: 1.1 The review of the engineering designs, the tender documents, assist the PIU to tendering process and supervision of execution of the project, 1.2 On the field training of technicians in charge of the information of the project. 5. Institutional support: 2.1 Provision of cars and stationary including computers, printers, photocopiers and office furniture and equipment, 2.2 Provision of Salaries and running cost to the Project Implementation Unit (PIU).									
12. Expected results (outputs)	1. Irrigation policy is finalized and proposed sectoral reforms are implemented 2. Vision 2030 targets on irrigation, drainage and water storage are achieved 3. Irrigation, drainage and water storage master plan is prepared 4. In collaboration with stakeholders under the National Rice Development Strategy (NRDS), irrigated rice production is increased 5. Projects are formulated to ensure current and future JICA corporation is enhanced									
13. Inputs	1. Japanese side: 1.1 Dispatch of an long-term expert 1.2 Activity cost 2. Kenyan side: 2.1 Appoint counterpart to work with the expert 2.2 Office space 2.3 Ministry vehicles and other facilities that may be available									
14. Implementing agency	Ministry of Water and Irrigation									
15. Status of the project	2	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems										

Keywords: Irrigation master plan, Irrigation policy, Project formulation, Capacity development

2.5 Madagascar

- MG-1 Project to Support Development in the Menabe and Melaky Regions (AD2M)
- MG-2 Support to Farmers' Professional Organizations and Agricultural Services Project (AROPA)
- MG3 Rural Income Promotion Programme (PPRR)
- MG-4 Upper Mandraré Basin Development Project - Phase II (PHBM)
- MG-5 North-east Agricultural Improvement and Development Project (PADANE)
- MG-6 Program of support in the Sofia Region for the Integrated Rural Development (PSSDRI/AKF)
- MG-7 Support for the revitalization of the seed sub-sector of Madagascar with view to the production and utilization of quality seeds
- MG-8 Program of Fight against Erosion (PLAE)
- MG-9 Project of the Rehabilitation of the Manombo Irrigation Area (PRPIM)
- MG-10 Lower Mangoky Irrigation Area Development Project (incl. Supplementary Loan)
- MG-11 Support to the platform of the dialogue for the management of the rice sector
- MG-12 Emergency Food Security and Reconstruction Project
- MG-13 Millenium Challenge Account Grant
- MG-14 Observatory of Rice
- MG-15 Special Program for Food Security (SPFS)
- MG-16 Boosting the Agricultural Production
- MG-17 Watershed and Irrigation Area
- MG-18 Project of Support to the Rural Development (PSDR) including additional funding
- MG-19 Support to the Diffusion of Agro-ecological Techniques
- MG-20 Emergency Food Security and Reconstruction Project
- MG-21 Operation of Support to the Inputs Credit (OACI)
- MG-22 Funds of Maintenance of Hydro-agricultural Network of the Irrigation Areas (FERHA)
- MG-23 Feasibility Study of Rice Mill and Feed Mill
- MG-24 Global Food Crisis Response in Madagascar: Provision of Improved Rice Seeds and Fertilizer to Rural Agricultural Producers

- MG-25 Food Security to Enhance Livelihood through Agriculture and Nutrition Activities
- MG-26 Seed Voucher and Fairs Project to Face Global Food Crisis
- MG-27 Post Cyclone Ivan and Jokwe Agricultural Recovery Project in the East Coast of Madagascar
- MG-28 Emergency Project to respond to Cyclone Clovis in the South East Region of Madagascar
- MG-29 Southeast Emergency Livelihoods Recovery Project
- MG-30 Project to alleviate the impact of the Global Food Crisis to the vulnerable household of the South East Region of Madagascar
- MG-31 Utilization and Protection of the Watershed of the Lake Alaotra (Projet BV Lac Alaotra) Phase 1 and 2
- MG-32 The Project for Rice Productivity Improvement in Central Highland in Madagascar
- MG-33 Project for Improvement of the Irrigation System in South-west of Lake Alaotra
- MG-34 The Study on Rural Development and Watershed Management in the South-West Region of Alaotra
- MG-35 Project for Improvement of Antsirabe Agricultural Mechanization Training Centre
- MG-36 Irrigation Development and Watershed Management in the South-west of Lake Alaotra (SAPROF)
- MG-37 Agricultural Technical Advisor

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar									
2. Title (Full name)	Project to Support Development in the Menabe and Melaky Regions (AD2M)									
3. Project Location	Menabe, Melaky									
4. Type of project	1	2								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	1	3								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) ----- 10.									
6. Fund source (Funding agency)	IFAD MCA EU NGOs									
7. Cost	Total: USD 23.43 million IFAD: USD 13.12 million									
8. Project duration (dd/mm/yy)	Start: 2007 End: 2016									
9. Goal and objectives	Goal: To optimize agricultural production and ensure a sustainable increase in income of rural poor Obj.: Improve access of the rural poor to land and water									
10. Target beneficiaries	Direct: Landless wage earners and farmers with little land, who experience acute food insecurity for four months of the year and suffer from severe malnutrition, particularly women and children (40,000 households) Secondary:									
11. Project component (activities)	1. Local governance and capacity building of farmers' organizations 2. Regional and local support to land tenure security 3. Strengthening of national level institution (PNF and DDSF)									
12. Expected results (outputs)	1. rice cultivation 1,000 ha 2. rice production 3,500 ton 3. yield 3.5 ton/ha									
13. Inputs										
14. Implementing agency	Leading: Ministry of Agriculture, Livestock and Fisheries Cooperate:									
15. Status of the	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	Apart from the general causes of poverty in the project area, such as geographical remoteness, poor infrastructure and vulnerability to external shocks, poverty is mainly attributable to the lack of governance, land tenure security, market access and integration of agriculture with livestock enterprises. It also has its roots in limited access to improved production technology, inputs, irrigation water and services. Consequently, both agricultural production and productivity in the project area are extremely low, providing the target group little opportunity to improve their production environment and living conditions.									
17. Person in charge	Name: Rakotondratsima HAINGO e-mail:									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar									
2. Title (Full name)	Support to Farmers' Professional Organizations and Agricultural Services Project (AROPA)									
3. Project Location	Anosy, Haute Matsiatra, Androy, Ihorombe, Amoroni Mani									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	1	3	10							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) ----- 10. capacity development									
6. Fund source (Funding agency)	IFAD EU									
7. Cost	Total: USD 56.4 million IFAD: USD 18.7 million									
8. Project duration (dd/mm/yy)	Start: 2009 End: 2018									
9. Goal and objectives	Goal: Improve agricultural production and increase income of rural families Obj.: To strengthen farmers' organizations									
10. Target beneficiaries	Direct: Poor rural households belonging to farmers' organizations at grass-roots level, their federation at regional level, and their apex organizations at national level (75,000 households) Secondary:									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Training of professional organizations and the professionalization of producers 2. Intermediation and the development of agricultural services 3. Financing of production and services 4. National policy on services and apex organizations 									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Ministry of Agriculture, Livestock and Fisheries Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	One of the main project risks relate to lack of ownership and involvement by groups and professional agricultural organizations in steering the proposed development approach									
17. Person in charge	Name: Rakotondratsima HAINGO e-mail:									

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar									
2. Title (Full name)	Rural Income Promotion Programme (PPRR)									
3. Project Location	Toamasina (Vavatenina, Fenerive-Est, Soanierana-Ivongo)									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	1	3	8							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.-----									
6. Fund source (Funding agency)	IFAD OPEC Fund									
7. Cost	Total: USD 28.25 million IFAD: USD 14.5 million									
8. Project duration (dd/mm/yy)	Start: 2005 End: 2014									
9. Goal and objectives	Goal: Obj.: To increase and sustainably secure the income of small scale producers in the programme area Ensure their food and nutrition security									
10. Target beneficiaries	Direct: Smallholder farmers (55,000 households) Secondary:									
11. Project component (activities)	1. Support for the development of poles and commercial partnerships 2. Support for improving rural sector organization and the productive base 3. Support for rural financial services 4. Contribution to policy improvement									
12. Expected results (outputs)	1. Total hectares of cultivated rice: 2,500 ha 2. Total rice production: 5,000 t 3. Rice yields: 2-2.5 t/yr									
13. Inputs										
14. Implementing agency	Leading: Ministry of Agriculture, Livestock and Fisheries Cooperate:									
15. Status of the	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	The socio-economic analysis undertaken during programme preparation identified the most vulnerable households living as renters for decades and who are greatly affected by decreasing yields due to the aging of the plantations within a context of declining market prices and the inability to renew the plantations; having abandoned food self-sufficiency as a strategy decades ago, they must sell assets to buy food. The programme will endeavour to ensure that these most-vulnerable groups are fully included in programme benefits by adopting a strategy that includes working sessions within the communities at the onset of implementation to identify vulnerable segments and the priorities of the different interest groups, a process that will be facilitated by the strong tradition of social solidarity at the fokontany (village community) level.									
17. Person in charge	Name: Rakotondratsima HAINGO e-mail:									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar									
2. Title (Full name)	Upper Mandraré Basin Development Project - Phase II (PHBM)									
3. Project Location	Toliary (Tsivory, Elonty, Mahaly, Marotsiraka, Imanombo, Ebolo, Tranomaro, Esira)									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	7	8							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. -----									
6. Fund source (Funding agency)	IFAD WB									
7. Cost	Total: USD 23.1 million (IFAD: USD 12.6 million)									
8. Project duration (dd/mm/yy)	Start: 2001 End: 2009									
9. Goal and objectives	Goal: Improve living conditions of the rural people Obj.: Increase in on-farm and off-farm income									
10. Target beneficiaries	Direct: smallholder farming and cattle-herding households (17,400 household) Secondary:									
11. Project component (activities)	1. Rehabilitation of existing irrigation facilities 2. Development of new irrigation areas 3. Support to financial services 4. Capacity building of local farmers									
12. Expected results (outputs)	1. 2,000 ha of irrigated rice field rehabilitated 2. 4,000 ha of irrigated rice field newly irrigated 3. Rice yield reached to 4.8 ton/ha 4. 23,273 households benefited									
13. Inputs										
14. Implementing agency	Leading: Ministry of Agriculture, Livestock and Fisheries Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Rakotondratsima HAINGO e-mail:									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar										
2. Title (Full name)	North-east Agricultural Improvement and Development Project (PADANE)										
3. Project Location	Antsiranana (Smabava, Vohiré, Antalaha)										
4. Type of project	<table border="1"> <tr> <td>2</td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector</p>	2									
2											
5. Fields covered (multiple selection)	<table border="1"> <tr> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.</p>	4	5	6	7	8					
4	5	6	7	8							
6. Fund source (Funding agency)	IFAD Desjardins International Development Society beneficiaries										
7. Cost	Total: USD 16.9 million (IFAD: USD 11.7 million)										
8. Project duration (dd/mm/yy)	Start: 1997 End: 2006										
9. Goal and objectives	<p>Goal:</p> <p>Obj.: To attain farmers' self-sufficiency in rice To encourage farmers to organize themselves to process their produce collectively to obtain larger added value To reduce the main socio-economic constraints, including road network and rural financial services</p>										
10. Target beneficiaries	<p>Direct: Small farmers (target : 27,500 households)</p> <p>Secondary:</p>										
11. Project component (activities)	<ol style="list-style-type: none"> 1. Capacity building of farmers 2. Irrigation development 3. Road network development 4. Provision of micro-credit 										
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. Irrigated rice farming (2,500 ton) 2. Increased rice production (6,700 ton/ha) 3. Road network established 4. Credit facilities provided 5. 12,738 farm households benefitted 										
13. Inputs											
14. Implementing agency	<p>Leading: Ministry of Agriculture, Livestock and Fisheries</p> <p>Cooperate:</p>										
15. Status of the project	<table border="1"> <tr> <td>4</td> <td>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</td> </tr> </table>	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed										
16. Issues/problems	<p>Production of rice not sufficient</p> <p>Income from cash crops (mainly vanilla) fluctuated due to monopolized market (limited number of traders decide the price)</p>										
17. Person in charge	Name: Rakotondratsima HAINGO e-mail:										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar									
2. Title (Full name)	Program of support in the Sofia Region for the Integrated Rural Development (PSSDRI/AKF)									
3. Project Location	Mandritsara, Befandriana Nord, Befandriana, Bealanana and Port Berger districts in the Sofia Region									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	5								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. -----									
6. Fund source (Funding agency)	AKF									
7. Cost	Total: USD 7.038 million									
8. Project duration (dd/mm/yy)	Start: 2007 End: 2013									
9. Goal and objectives	<p>Goal: Increase the profitability of rice and competitiveness of the value chain of rice</p> <p>Obj.: Contribute to a more intensive and efficient use of inland valleys Strengthen the capacities of farmers and the other market players within the value chain</p>									
10. Target beneficiaries	<p>Direct: poor rice farmers in the region of Sofia</p> <p>Secondary:</p>									
11. Project component (activities)	<ol style="list-style-type: none"> 1. observe and analysis the working environment to identify major constraints 2. test, adapt, innovative options for improved and integrated rice management 3. make decisions for action, trying out new idears, learn by doung, observe, 4. organize for individual and concerted actions 5. create functional networks with other farmers, chain actors, agricultural extension/research services and other support services. 									
12. Expected results (outputs)										
13. Inputs	<ol style="list-style-type: none"> 1. Vehicle, motor cycle for mobilization 2. Computers, etc. for office operation 3. Small machinery and equipment for farmers' group 4. Technical assistance for training (APRA-GIR) 									
14. Implementing agency	<p>Leading: PSSDRI</p> <p>Cooperate: AKF in Geneva</p>									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Marie Marcelline Hoareau e-mail: Mmarcelline.hoareau@akdn.org									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar										
2. Title (Full name)	Support for the revitalization of the seed sub-sector of Madagascar with view to the production and utilization of quality seeds										
3. Project Location	(name of administrative division, name of city, village, etc.) with location map										
4. Type of project	<table border="1"> <tr> <td>3</td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector</p>	3									
3											
5. Fields covered (multiple selection)	<table border="1"> <tr> <td>9</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. -----</p>	9									
9											
6. Fund source (Funding agency)	FAO										
7. Cost	Total: USD 394,000										
8. Project duration (dd/mm/yy)	Start: 2008 End: 2010										
9. Goal and objectives	<p>Goal: To promote the utilization of the variety of seed for attaining a rapid development and matched seed marketing, so as to sustain the development of agricultural and food sector</p> <p>Obj.: Revitalize the national seed sub-sector Contribute to the promotion of the production and utilization of quality seeds Contribute to the assurance of the availability of quality seeds Contribute to the professionalization of the seed sector</p>										
10. Target beneficiaries	<p>Direct: Official seed control service (SOC)</p> <p>Secondary: National advisor of the seeds (CONASEM), Regional laboratories to analyse seeds</p>										
11. Project component (activities)	<ol style="list-style-type: none"> Finalization of the seed regulation and support its establishment Strengthening of human capacities and materials of the services in charge of control of the seed quality and homologation of the varieties Support to the production of improved seeds by GPS and CMS. Realization of a promotion campaign of the quality seeds Contribute to the implementation of the national seed strategy by preparing a project document sent to donors 										
12. Expected results (outputs)											
13. Inputs	<ol style="list-style-type: none"> Consultants (two international, one national) Laboratory equipment Motorcycle Consumables 										
14. Implementing agency	<p>Leading: SOC, Ministry of Agriculture, Livestock and Fisheries</p> <p>Cooperate:</p>										
15. Status of the project	<table border="1"> <tr> <td>3</td> <td>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</td> </tr> </table>	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed										
16. Issues/problems											
17. Person in charge	Name: _____ e-mail: _____										

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar									
2. Title (Full name)	Project of the Rehabilitation of the Manombo Irrigation Area (PRPIM)									
3. Project Location	Atsimo and Andrefana Districts of Toliary									
4. Type of project	1	2								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	4	7								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	AfDB									
7. Cost	Total: UA 10.764 million (AfDB: UA 9.5 million (Loan: 9.202 million; Grant: 0.298 million); Gov.: UA 1.122 million; Beneficiaries: UA 0.142 million)									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2013									
9. Goal and objectives	Goal: Help reduce rural poverty in rural areas in Madagascar Obj.: Improve agricultural production in the area through rehabilitation of infrastructure and support services to farmers and their organizations									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	1. Area management and protection of the flood plains 2. Agricultural development 3. Project coordination and management									
12. Expected results (outputs)	1. Construction of 2.7 m high sill in relation to the river bottom, rehabilitation of 25 km of main canal and 16 km track running along the canal 2. Construction of irrigation network by plot, 15 points of drinking water supply, flood plain protection 3. Support to water user's association, technical support services to farmers in the area of production and support for the setting up of a CSA, land tenure security 4. Institutional support on the Government financing of an MFI to provide its services to the project beneficiaries, especially women. 5. Technical support to the Regional Directorate of Rural Development									
13. Inputs	1. Consultants 2. Vehicle and motorcycles 3. Office furniture, Computers 4. Health center equipments									
14. Implementing agency	Leading: Regional Directorate of Rural Development Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar									
2. Title (Full name)	Lower Mangoky Irrigation Area Development Project (incl. Supplementary Loan)									
3. Project Location	Morombe, Tulear province									
4. Type of project	1	2								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	4	7	10							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) ----- 10. Rehabilitation of the structure									
6. Fund source (Funding agency)	AfDB OPEC fund GOM									
7. Cost	Total: UA 33.412 million (UA 16.98 million (initial) + UA 16.432 million (suppl.)) AfDB: UA 25 million, OPEC: UA 5.91 million, GOM: UA 2.802 million									
8. Project duration (dd/mm/yy)	Start: 1999 End: 2011 (Supplementary Loan: 2009-2011)									
9. Goal and objectives	Goal: Strengthening of food security Obj.: Increase rice production Increase in rice productivity									
10. Target beneficiaries	Direct: Rice farmers in the lower Mangoky area Secondary:									
11. Project component (activities)	1. Rehabilitate irrigation infrastructure 2. Support the development of irrigation area									
12. Expected results (outputs)	1. the final design and the renovation of the headrace structures and primary, secondary and tertiary canals and drains covering a total area of about 5,000 ha 2. technical advice; support to farmers and their organization; land security; research and development, and rural credit 3. the construction of access infrastructures 4. the establishment of the Project Implementation Unit (staff, equipment and operating resources) 5. The construction of the new water supply structure (Supplementary loan)									
13. Inputs	1. Vehicles, motorcycles 2. Office equipments 3. Micro-finance 4. Consultant									
14. Implementing agency	Leading: Ministry of Agriculture, Livestock, and Fisheries (Project implementation unit) Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar
2. Title (Full name)	Support to the platform of the dialogue for the management of the rice sector
3. Project Location	Antananarivo
4. Type of project	<input type="checkbox"/> 1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Fields covered (multiple selection)	<input type="checkbox"/> 1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) ----- 10.
6. Fund source (Funding agency)	World Bank AFD
7. Cost	Total:
8. Project duration (dd/mm/yy)	Start: 2005 End:
9. Goal and objectives	Goal: To assure food security especially rice Obj.: To stabilize rice market
10. Target beneficiaries	Direct: Secondary:
11. Project component (activities)	
12. Expected results (outputs)	
13. Inputs	
14. Implementing agency	Leading: Cooperate:
15. Status of the project	<input checked="" type="checkbox"/> 3 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
16. Issues/problems	
17. Person in charge	Name: _____ e-mail: _____

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar
2. Title (Full name)	Emergency Food Security and Reconstruction Project
3. Project Location	
4. Type of project	2 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Fields covered (multiple selection)	10 1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) ----- 10. Emergency recovery
6. Fund source (Funding agency)	World Bank
7. Cost	Total: USD 40 million
8. Project duration (dd/mm/yy)	Start: 2009 End: 2012
9. Goal and objectives	Goal: Obj.: Increase access to short-term employment in targeted food-insecure areas Restore access to social and economic services following natural disasters in targeted communities
10. Target beneficiaries	Direct: Secondary:
11. Project component (activities)	1. A cash-for-work program to increase access to short-term employment in targeted food-insecure areas 2. Community-based infrastructure sub-projects to increase access to social and economic services among participating communities (including small irrigation project) 3. Restored access to social and economic services in the aftermath of catastrophic events 4. Project management, monitoring and evaluation, and audit
12. Expected results (outputs)	1. Provide 7.8 million person-days of cash-for-work manual labor in targeted food-insecure areas 2. Complete 1,600 sub-projects under the social safety net program 3. Ensure that women represent at least half the beneficiaries under the social safety net program 4. Complete 152 community-based sub-projects to benefit 76,000 beneficiaries under the community-driven basic infrastructure component 5. Rehabilitate or reconstruct 210 social and economic basic infrastructures damaged by natural disasters
13. Inputs	
14. Implementing agency	Leading: Fonds d'Intervention pour le Développement Cooperate:
15. Status of the project	3 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
16. Issues/problems	
17. Person in charge	Name: _____ e-mail: _____

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar										
2. Title (Full name)	Millenium Challenge Account Grant										
3. Project Location	(name of administrative division, name of city, village, etc.) with location map										
4. Type of project	<table border="1"> <tr> <td>1</td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector</p>	1									
1											
5. Fields covered (multiple selection)	<table border="1"> <tr> <td>3</td> <td>8</td> <td>10</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Land tenure improvement</p>	3	8	10							
3	8	10									
6. Fund source (Funding agency)	MCC (USA)										
7. Cost	Total: USD 110 million										
8. Project duration (dd/mm/yy)	Start: 2005 End:										
9. Goal and objectives	<p>Goal: support a program designed to raise incomes by bringing the rural population from subsistence agriculture to a market economy.</p> <p>Obj.: secure formal property rights to land access credit and protect savings receive training in agricultural production, management and marketing techniques</p>										
10. Target beneficiaries	Direct: Secondary:										
11. Project component (activities)	<ol style="list-style-type: none"> Formalize the land tenure system (e.g., titling and surveying), modernizing the national land registry, and expanding services to rural citizens Improve a weak banking system to make essential financial services available to rural areas, improve credit skills, and cut delays in payments for goods and services from 45 to 3 days Access to Information: Establish a project that identifies investment opportunities for rural Malagasy in local, regional, or international markets, and trains farmers and other entrepreneurs in production, management, and marketing techniques. 										
12. Expected results (outputs)											
13. Inputs											
14. Implementing agency	Leading: Cooperate:										
15. Status of the project	<table border="1"> <tr> <td>3</td> <td>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</td> </tr> </table>	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed										
16. Issues/problems											
17. Person in charge	Name: _____ e-mail: _____										

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar										
2. Title (Full name)	Observatory of Rice										
3. Project Location	Nationwide										
4. Type of project	<table border="1"> <tr> <td>1</td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector</p>	1									
1											
5. Fields covered (multiple selection)	<table border="1"> <tr> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. -----</p>	5									
5											
6. Fund source (Funding agency)	EU										
7. Cost	Total: Aryary 350 million in 2009										
8. Project duration (dd/mm/yy)	Start: 2005 End: 2009										
9. Goal and objectives	Goal: Stabilize the price of rice through dissemination of market information Obj.: Aider à la décision par la mise à disposition des informations fiables et transparentes sur la filière riz à tous les acteurs (producteurs, consommateurs, opérateurs économiques privés et pouvoirs publics, etc.)										
10. Target beneficiaries	Direct: Secondary:										
11. Project component (activities)	<ol style="list-style-type: none"> Collecte de toutes les informations sur le riz (production, rendement, prix du paddy, informations sur les intrants, etc.) Collecte d'information macro-économique. Cette opération devra se faire en étroite collaboration avec la DSI (MAEP); l'INSTAT; le Ministère de l'Economie, du Commerce et du Développement du Secteur Privé, le Ministère des Finances et du Budget. Recueil des volumes d'importations et d'exportations et des prix internationaux. Élaboration des fiches techniques concernant la filière riz sur les thèmes particuliers Diffusion des informations brutes 										
12. Expected results (outputs)											
13. Inputs											
14. Implementing agency	Leading: Cooperate:										
15. Status of the project	<table border="1"> <tr> <td>3</td> <td>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</td> </tr> </table>	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed										
16. Issues/problems											
17. Person in charge	Name: RASOLOFO Patrick e-mail: odr2005@yahoo.fr										

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Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar
2. Title (Full name)	Special Program for Food Security (SPFS)
3. Project Location	Ambohimahaso
4. Type of project	4 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Fields covered (multiple selection)	3 1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.
6. Fund source (Funding agency)	Government of Madagascar
7. Cost	Total: Ariary 180 million
8. Project duration (dd/mm/yy)	Start: 2004 End: 2011
9. Goal and objectives	Goal: Obj.: Diversify the agricultural activities
10. Target beneficiaries	Direct: Secondary:
11. Project component (activities)	1. Demonstration of sustainable intensified cultivation technique of rice, irish potatoes and sweet potatoes 2. Demonstration of diversified production system on rice-fish culture and alevin
12. Expected results (outputs)	
13. Inputs	3 vietnamese experts and technician
14. Implementing agency	Leading: Ministry of Agriculture, Livestock and Fisheries Cooperate:
15. Status of the project	3 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
16. Issues/problems	
17. Person in charge	Name: e-mail:

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar									
2. Title (Full name)	Boosting the Agricultural Production									
3. Project Location	Alaotra Mangoro, Atsimo Andrefana, Boeny, Diana, Haute Matsiatra, Ihorombe, Itasy, Sava, Sofia, and Vakinankaratra									
4. Type of project	4									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4	7							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. rehabilitation/extension of irrigation system, distribution of seed and fertilizer									
6. Fund source (Funding agency)	Government of Madagascar									
7. Cost	Total: Ariary 9,272,179,000									
8. Project duration (dd/mm/yy)	Start: 2004 End: 2012									
9. Goal and objectives	Goal: Obj.: Stimulate a sustainable green revolution									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	1. provision of improved seeds 2. Provision of fertilizer 3. training of extension agents 4. manufacturing of agricultural tools and equipment									
12. Expected results (outputs)	Rice production and productivity are improved									
13. Inputs	1. Improved seeds (206 ton) 2. fertilizer (330 ton)									
14. Implementing agency	Leading: Ministry of Agriculture, Livestock and Fisheries Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar									
2. Title (Full name)	Watershed and Irrigation Area									
3. Project Location	Itasy, Vakinankaratra, Sava, Sud-Est, Amoton'I Maina, Vatovavy Fitovinany, Boeny, Alaotra-Mangoro									
4. Type of project	1	2								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	7	10								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Watershed management									
6. Fund source (Funding agency)	WB (loan) AFD (grant) Government of Madagascar									
7. Cost	Total: 23,482 milliards d'Ariary (WB: USD 35.9 M, AFD: EUR 15.0 M : GM: EUR 6.64 M, Beneficiaries: USD 4.4 M)									
8. Project duration (dd/mm/yy)	Start: 2004 End: 2011									
9. Goal and objectives	<p>Goal: To sustainably improve the living conditions and incomes of rural populations in main irrigation sites and their surrounding watersheds, and the management of natural resources</p> <p>Obj.: To establish a viable basis for irrigated agriculture and natural resources management To improve the environmental sustainability of land management practices</p>									
10. Target beneficiaries	<p>Direct:</p> <p>Secondary:</p>									
11. Project component (activities)	<p>1. Development of commercial agriculture (1) Support to agricultural services (2) Support to private investment</p> <p>2. Irrigation development (1) Support to irrigation development (2) Irrigation investments</p> <p>3. Watershed development (1) Planning and capacity building for sustainable management of watersheds</p> <p>4. Program Management (1) Management of the project (2) Support to national policies (3) Monitoring and evaluation</p>									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	<p>Leading: AFD/WB/MAEP</p> <p>Cooperate: Ministry of Environment, Water and Forest Resources</p>									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar									
2. Title (Full name)	Project of Support to the Rural Development (PSDR) including additional funding									
3. Project Location	Nationwide									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	1	2	3	4						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) ----- 10. Rural infrastructure development									
6. Fund source (Funding agency)	WB Government of Madagascar Beneficiaries									
7. Cost	Total: USD 142.19 million (WB: USD 119.05 M, GM: USD 8 M, Beneficiaries: USD 15.14)									
8. Project duration (dd/mm/yy)	Start: 2002 End: 2011									
9. Goal and objectives	Goal: Obj.: To increase incomes and reduce poverty in rural areas while preserving the natural resource base									
10. Target beneficiaries	Direct: Farm families Secondary:									
11. Project component (activities)	1. Productive investment (investment in productive rural infrastructure, productive activities, capacity building support to producer organizations) 2. Support services (support agricultural research) 3. Capacity building and policy development (MAEP in policy making and decentralizing policy implementation) 4. Project administration and monitoring									
12. Expected results (outputs)										
13. Inputs	1. Materials, vehicles, equipment 2. Consultant services 3. Operational costs									
14. Implementing agency	Leading: WB/MAEP Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar									
2. Title (Full name)	Support to the Diffusion of Agro-ecological Techniques									
3. Project Location	Itassy, Analamanga, Vakinankarata, Bongolava, Amoron'I Mania, Haute Matsiatra, Vatovavy Fitovinany, Atsimo Atsinanana, Boeny, Alaotra Mangoro, Atsimo Andrefana, Androy, Anosy									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	2	3								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) ----- 10.									
6. Fund source (Funding agency)	AFD Government of Madagascar									
7. Cost	Total: EUR 4.2 million Ariary 585,000,000									
8. Project duration (dd/mm/yy)	Start: 2004 End: 2008									
9. Goal and objectives	<p>Goal: Développer la production agricole et les revenus des producteurs Protéger l'environnement dans le cadre d'un système de production durable et productif</p> <p>Obj.: Créer les conditions d'appui durable à la diffusion à grande échelle du semi-direct couverture végétale (SCV) en mettant en place un dispositif d'organisation susceptible d'attirer d'autre partenaires financiers Promouvoir l'étuité en intégrant d'emblée dans le processus une approche prenant en compte les besoins des populations les plus pauvres et les plus marginalisées</p>									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Recherche thématique 2. Recherche appliquée 3. Développement de support de formations et formation de formateurs 4. Diffusion de Technique (directe et indirecte) 									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: AFD/MAEP Cooperate:									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar
2. Title (Full name)	Emergency Food Security and Reconstruction Project
3. Project Location	unknown
4. Type of project	2 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Fields covered (multiple selection)	10 1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. restore infrastructure, socio-economic services
6. Fund source (Funding agency)	WB
7. Cost	Total: USD 40 million
8. Project duration (dd/mm/yy)	Start: 2008 End: 2011
9. Goal and objectives	Goal: Obj.: increase access to short-term employment in targeted food-insecure areas restore access to social and economic services following natural disasters in targeted communities
10. Target beneficiaries	Direct: Secondary:
11. Project component (activities)	1. a cash-for-work program to increase access to short-term employment in targeted food-insecure areas 2. community based infrastructure sub-projects to increase access to social and economic services among participating communities 3. restored access to social and economic services in the aftermath of catastrophic events 4. project management, monitoring and evaluation, and audit.
12. Expected results (outputs)	
13. Inputs	
14. Implementing agency	Leading: Intervention Fund for the Development Cooperate:
15. Status of the project	3 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
16. Issues/problems	
17. Person in charge	Name: _____ e-mail: _____

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar									
2. Title (Full name)	Operation of Support to the Inputs Credit (OACI)									
3. Project Location										
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	8	9	10							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Provision of seed and fertilizer									
6. Fund source (Funding agency)	FCV Japan									
7. Cost	Total: Ariary 650 million									
8. Project duration (dd/mm/yy)	Start: 2006 End: 2011									
9. Goal and objectives	Goal: Lancer une Révolution Verte Durable Obj.: Augmentation du rendement de la production agricole Augmentation de l'utilisation des intrants agricoles									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	Provision of agricultural inputs for credit									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Japan/MAEP Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar
2. Title (Full name)	Funds of Maintenance of Hydro-agricultural Network of the Irrigation Areas (FERHA)
3. Project Location	Bongolava, Vakinankaratra, Diana, Haute Matsiatra, Amoron'I Mania, Sofia
4. Type of project	4 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Fields covered (multiple selection)	7 1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.
6. Fund source (Funding agency)	Government of Madagascar
7. Cost	Total: Ariary 3,220 million
8. Project duration (dd/mm/yy)	Start: 2004 End: 2011
9. Goal and objectives	Goal: Stimulate a sustainable green revolution Obj.: To properly maintain irrigation facilities to assure production of rice
10. Target beneficiaries	Direct: Secondary:
11. Project component (activities)	1. Rehabilitation of existing irrigation systems 2. Protection of rice field against flooding
12. Expected results (outputs)	
13. Inputs	
14. Implementing agency	Leading: Direction of Génie Rural, MAEP Cooperate:
15. Status of the project	3 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
16. Issues/problems	
17. Person in charge	Name: e-mail:

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar										
2. Title (Full name)	Feasibility Study of Rice Mill and Feed Mill										
3. Project Location	Alaotra, Maravoay, Mangoky, Bealanana, Maintirano										
4. Type of project	<table border="1"> <tr> <td>1</td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector</p>	1									
1											
5. Fields covered (multiple selection)	<table border="1"> <tr> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) ----- 10.</p>	6									
6											
6. Fund source (Funding agency)	BADEA										
7. Cost	Total: Ariary 540 million										
8. Project duration (dd/mm/yy)	Start: End:										
9. Goal and objectives	Goal: Diversifier les activités agricoles Obj.: Elaboration de l'étude de faisabilité du projet d'installation de rizerie et de provenderie dans les régions de l'Alaotra, Maravoay, Mangoky, Bealanana et de Maintirano réalisée										
10. Target beneficiaries	Direct: Secondary:										
11. Project component (activities)											
12. Expected results (outputs)											
13. Inputs											
14. Implementing agency	Leading: BADEA/MAEP Cooperate:										
15. Status of the project	<table border="1"> <tr> <td>2</td> <td>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</td> </tr> </table>	2	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
2	1. Pipeline, 2. Approved, 3. On-going, 4. Completed										
16. Issues/problems											
17. Person in charge	Name: _____ e-mail: _____										

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar										
2. Title (Full name)	Global Food Crisis Response in Madagascar: Provision of Improved Rice Seeds and Fertilizer to Rural Agricultural Producers										
3. Project Location	Tatsinanana, Vakinankaratra										
4. Type of project	<table border="1"> <tr> <td>1</td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector</p>	1									
1											
5. Fields covered (multiple selection)	<table border="1"> <tr> <td>9</td> <td>10</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Fertilizer</p>	9	10								
9	10										
6. Fund source (Funding agency)	Catholic Relief Services (CRS) Better U Foundation (BUF)										
7. Cost	Total: USD 63,510 CRS: USD 50,000, BUF: USD 13,510										
8. Project duration (dd/mm/yy)	Start: 2008 End: 2009										
9. Goal and objectives	Goal: Contribute to an increase in the national availability of food products to minimize the impacts of the global food price crisis. Obj.: Rice production in the regions of Vakinankaratra, Vatovavy Fitovinany and Atsinanana is increased by 50% through June 2009.										
10. Target beneficiaries	Direct: 3,000 households Secondary:										
11. Project component (activities)	The activities focused on distributing improved local variety of rice seeds, fertilizer and weeders to the targeted beneficiaries, and provide them with the needed advices to help them improve their rice production through the use of SRI/SRA techniques, and use of appropriate fertilizer.										
12. Expected results (outputs)	Rural producers adopt improved production techniques and intensify their agricultural inputs.										
13. Inputs	1. 4,500 kg of seeds and 36 ton of urea distributed 2. 750 weeders (1 weeder for 4 households)										
14. Implementing agency	Leading: Catholic Relief Services, Madagascar Program Cooperate: ODDIT Toamasina – CARITAS Antsirabe – BDEM Mananjary										
15. Status of the project	<table border="1"> <tr> <td>3</td> </tr> </table> <p>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</p>	3									
3											
16. Issues/problems	Because of the two sources of funding, there was different mechanism of approbation and there was a delay between the availability of the seeds and fertilizer and the availability of the weeders.										
17. Person in charge	Name: _____ e-mail: _____										

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar									
2. Title (Full name)	Food Security to Enhance Livelihood through Agriculture and Nutrition Activities									
3. Project Location	Vatovavy Fitovinany, Atsimo Atsinanana, Atsinanana, Analanjirifo, Vakinankaratra									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4	7	10						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Crop diversification									
6. Fund source (Funding agency)	USAID FFP									
7. Cost	Total: USD 16,884,696									
8. Project duration (dd/mm/yy)	Start: 2003 End: 2008									
9. Goal and objectives	Goal: Obj.: to promote agricultural development and greater food availability through increased production, diversification, and marketing, to promote improved food utilization of locally available diverse crops, disease management, and more effective use of health services.									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	1. Training on improved and adapted agricultural techniques 2. Build agricultural irrigation and drainage schemes (dams, canals...) through Food for Work									
12. Expected results (outputs)	1. An increase in the agricultural production, particularly for rice, and the diversification of their crops. 2. The farmers groups have been trained in social and organizational aspects to better improve their capacity to handle their own development by extending the adoption of innovative techniques									
13. Inputs	1. Cash and commodities. 2. Technical assistance. 3. Small agricultural tools like weeders, watering cans, forks and others. 4. Construction materials to build irrigation schemes (dam, canals, culverts...). 5. Some specific materials as needed especially for animal husbandry									
14. Implementing agency	Leading: ODDIT, Caritas Antsirabe, BDEM, Caritas Farafangana, Action de Carême Suisse Cooperate:									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	For rice cultivation, the major issues we faced were: Climate variability bringing also new diseases and pests, lack of water control, week maintenance system for the irrigation scheme, non availability of improved variety of seeds, lack of linkages with Agricultural research Centers and Seed Research Centers for local farmers, slow adoption of improved techniques.									
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar									
2. Title (Full name)	Seed Voucher and Fairs Project to Face Global Food Crisis									
3. Project Location	Atsinanana, Vakinankaratra, Vatovavy Fitovinany Regions									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	8	9								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	CRS Private Fund									
7. Cost	Total: USD 133,304									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2009									
9. Goal and objectives	<p>Goal: To improve food security of 4,200 households in the regions of Vakinakaratra, Vatovavy Fitovinany, and Atsinanana to mitigate the impact of the global food crisis.</p> <p>Obj.: the production in the three regions of intervention is increased for beneficiary households.</p>									
10. Target beneficiaries	<p>Direct:</p> <p>Secondary:</p>									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Make a thorough assessment of the local seed supply system. 2. Identify the final beneficiaries. 3. Organize and implement seed voucher and fairs. 4. Conduct the needed technical support and monitor the progress of project activities. 									
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. 4200 households benefited from this project, the seeds distributed being rice, bean, maize, various beans and other pulses. In average, 2/5 of the vouchers were used by farmers to purchase rice seeds. 2. At this time, the project could not yet assess the impact of the project but the most recent field visit showed good growing for crops that were planted. 									
13. Inputs	4,200 vouchers to allow farmers purchase needed seeds									
14. Implementing agency	<p>Leading: ODDIT Toamasina, Caritas Antsirabe, BDEM Mananjary</p> <p>Cooperate:</p>									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	The particularity of the Seed Fairs approach is that the project is relying on local seed system and on locally available seeds. The main idea is that usually seeds exist in the community but some farmers can not afford to access them for different reasons (price, quantity, and social situation). Through the seed fairs approach, the project seeks to allow people who have seeds to come and sell their seeds at a convenient price while poor farmers – who are the project beneficiaries-, can come and purchase whatever they need. Diversity of type and varieties are among the key elements for the Seed Fair approach. This way, poor farmers can not only get seeds but they can have their own choice on which type, which variety, which quantity. In some places, available seeds did not meet the beneficiaries needs (quantity, variety,									
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar									
2. Title (Full name)	Post Cyclone Ivan and Jokwe Agricultural Recovery Project in the East Coast of Madagascar									
3. Project Location	Atsinanana Region									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	9								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	OFDA (Office for Foreign Disasters Agency) of the US Government									
7. Cost	Total: USD 100,000									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2009									
9. Goal and objectives	Goal: Obj.: To help poor farmers who were victims of the Cyclones Ivan and Jokwe recover and able to revert to their agricultural activities									
10. Target beneficiaries	Direct: 4,000 households Secondary:									
11. Project component (activities)	1. Mainly seeds purchase and distribution to the selected beneficiaries 2. Continuous technical support on their plantation.									
12. Expected results (outputs)	4,000 households victims of the two cyclones get appropriate seeds and technical supports.									
13. Inputs	Seeds: 10 000 kg of rice, 10 000 kg of maize, 7 500 kg of pulses and 11 250 packs of vegetable seeds.									
14. Implementing agency	Leading: Catholic Relief Services Cooperate: ODDIT Toamasina									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	During the implementation, some of the beneficiaries were not sufficiently monitored. Moreover, there were about 3 months of dry season where no rains came and what was planted suffered from this temporary drought.									
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar										
2. Title (Full name)	Emergency Project to respond to Cyclone Clovis in the South East Region of Madagascar										
3. Project Location	Vatovavy Fitovinany and Atsimo Atsinanana Region										
4. Type of project	<table border="1"> <tr> <td>1</td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector</p>	1									
1											
5. Fields covered (multiple selection)	<table border="1"> <tr> <td>3</td> <td>9</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.</p>	3	9								
3	9										
6. Fund source (Funding agency)	CRS Private Fund										
7. Cost	Total: USD 9995.6										
8. Project duration (dd/mm/yy)	Start: 2007 End: 2007										
9. Goal and objectives	Goal: Obj.: To relief the farmers affected by the Cyclone Clovis										
10. Target beneficiaries	Direct: 1.450 households Secondary:										
11. Project component (activities)	1. Seeds distribution 2. Technical support										
12. Expected results (outputs)	The targeted beneficiaries receive sufficient seeds to cover about 20 ares of land on rice (for 10 ares with 0.7kg per family), pulses (2.5kg/HH) and vegetable seeds (2 packs) for 10 ares.										
13. Inputs	1. Cash for monitoring and the technical support activities 2. Rice, pulses and vegetable seeds										
14. Implementing agency	Leading: Catholic Relief Services/ Madagascar Cooperate: BDEM (Diocese of Mananjary), CARITAS (Diocese of Farafangana)										
15. Status of the project	<table border="1"> <tr> <td>4</td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</p>	4									
4											
16. Issues/problems	Some of the paddy field was flooded and water was not at all mastered by an operational schemes.										
17. Person in charge	Name: _____ e-mail: _____										

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar									
2. Title (Full name)	Project to alleviate the impact of the Global Food Crisis to the vulnerable household of the South East Region of Madagascar									
3. Project Location	Atsimo Atsinanana Region									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	9									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. -----									
6. Fund source (Funding agency)	FAO									
7. Cost	Total: USD 24,186									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2009									
9. Goal and objectives	Goal: Obj.: To alleviate the impact of the Global Food Crisis to the most vulnerable population of Madagascar, the South East being among the poorest Region of the Country.									
10. Target beneficiaries	Direct: 8,062 households Secondary:									
11. Project component (activities)	1. Mainly seeds distribution. 2. It has to be noted that WFP contributed also to the project effect in providing family protection ration helping to avoid that beneficiaries eat the seeds.									
12. Expected results (outputs)	The 8,062 targeted households receive enough seeds: 10 kg of rice per household (enough for 50 ares) and 3 to 5 kg of maize.									
13. Inputs	98.8 MT of seeds: 74 800 kg of rice and 24 000 kg of maize.									
14. Implementing agency	Leading: Catholic Relief Services Madagascar Cooperate: CARITAS Farafangana									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	The project was only for seed distribution and didn't budget for technical support while there were 6 varieties of rice, some for wetland and some for uplands. Although it was agreed that the local government structure will provide the technical support to the beneficiaries, it was not done. Moreover, facing the current climate variability, the beneficiaries either chose not to plant during the main season which correspond to the rainy season, and thus with high risk of flooding, or chose to plant in upper land (to fly flooding) and, thus, was victim of insufficient water because of insufficient rainfall.									
17. Person in charge	Name: _____ e-mail: _____									

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar										
2. Title (Full name)	Utilization and Protection of the Watershed of the Lake Alaotra (Projet BV Lac Alaotra) Phase 1 and 2										
3. Project Location	Région de Alaotra Mangoro										
4. Type of project	<table border="1"> <tr> <td>1</td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector</p>	1									
1											
5. Fields covered (multiple selection)	<table border="1"> <tr> <td>3</td> <td>4</td> <td>7</td> <td>10</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Watershed management, support to land tenure</p>	3	4	7	10						
3	4	7	10								
6. Fund source (Funding agency)	AFD Beneficiaries Government of Madagascar										
7. Cost	Total: EUR 8.5 million (Phase 1) + EUR 14.497 million (Phase 2) = EUR 22.997 million AFD: 6.77 M + 11 M; GM: 1.8M + 1.82 M; Beneficiaries: 0M + 1.265 M										
8. Project duration (dd/mm/yy)	Start: 2003 End: 2013										
9. Goal and objectives	Goal: Obj.: d'accroître et de sécuriser les revenus des producteurs, tout en préservant les ressources naturelles et en sécurisant les investissements d'irrigation existant en aval, avec une attention particulière à la formation professionnelle et à l'appui aux organisation de producteurs, leur permettant de devenir progressivement des maîtres d'ouvrages locaux d'actions de développement.										
10. Target beneficiaries	Direct: Secondary:										
11. Project component (activities)	<ol style="list-style-type: none"> Mise en valeur et protection des ressources Appuis au renforcement des capacités Appui à la sécurisation foncière (gestion foncière décentralisée) Aménagements hydro-agricoles PC 15 Vallée Marianina 										
12. Expected results (outputs)											
13. Inputs											
14. Implementing agency	Leading: MAEP Cooperate:										
15. Status of the project	<table border="1"> <tr> <td>3</td> <td>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</td> </tr> </table>	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed										
16. Issues/problems											
17. Person in charge	Name: _____ e-mail: _____										

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar									
2. Title (Full name)	The Project for Rice Productivity Improvement in Central Highland in									
3. Project Location	Five Regions in Central Highland in Madagascar (Alaotra-Mangoro, Bongolava, and Vakinankaratra as focal Regions, and Analamanga and Itasy)									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4	6	9						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	JICA									
7. Cost	Total: USD 6,500,000									
8. Project duration (dd/mm/yy)	Start: 01/2009 End: 01/2013									
9. Goal and objectives	Goal: Rice Production in Central Highland is increased. Obj.: Rice Productivity is improved in the model sites.									
10. Target beneficiaries	Direct: Officials in charge of development of rice cultivation techniques, seed inspectors, farmers in model sites Secondary: Rice farmers in Central Highland									
11. Project component (activities)	1. Determine model sites in each focal Region and conduct a base line survey 2. Conduct research to improve cultivation techniques (soil and water management, pest and weed control) and postharvest technology 3. Develop and promote agricultural machinery 4. Improve seed gene management, seed certification, seed multiplication, and seed distribution 5. Organize training for trainers and promote demonstration of technical packages of rice production in the model sites 6. Facilitate communication and collaboration among stakeholders through meetings, seminar/workshop to farmer associations, etc. 7. Develop technical material (brochures, posters, technical sheets, etc) and utilize broadcast to disseminate technical packages of rice production									
12. Expected results (outputs)	1. Integrated technical packages of rice production are developed through the Project. 2. Seed multiplication and distribution system is improved under the Project. 3. The linkage among stakeholders regarding rice production improvement in the focal Regions is strengthened 4. Technical packages of rice production introduced by the Project are disseminated in Central Highland.									
13. Inputs	1. JICA Experts: Chief Advisor/Agricultural Development, Coordinator/Extension, Rice Production, Farm Management, Agricultural Machinery, Farmers' Organization, Postharvest, IEC, Agricultural Economics/Marketing, Water Management -Also assign Third Country experts (ex. Agricultural Machinery) if 2. Training for counterparts in Japan or in third countries 3. Machinery and equipment(s) (Vehicle(s), office equipment(s), etc.) 4. Agreed costs									
14. Implementing agency	Leading: JICA Cooperate: Ministere de l'Agriculture, de l'Elevage et de la Peche									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Etsuko OSUMI e-mail: Osumi.Etsuko@jica.go.jp									

Key Word: cultivation techniques, soil, water, pest, weed, postharvest, machinery, seed multiplication, technical package

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar
2. Title (Full name)	Project for Improvement of the Irrigation System in South-west of Lake Alaotra
3. Project Location	Lake Aloatra southwest areas
4. Type of project	1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Fields covered (multiple selection)	7 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. -----
6. Fund source (Funding agency)	JICA
7. Cost	Total: USD 9,000,000
8. Project duration (dd/mm/yy)	Start: 2010 End: 2012
9. Goal and objectives	Goal: Rice Production in Madagascar is increased Obj.: Irrigation water is stably supplied in south part of irrigation scheme (PC23) in South-west of Lake Alaotra
10. Target beneficiaries	Direct: Rice farmers in the project site Secondary:
11. Project component (activities)	1. Rehabilitate irrigation canals and drainages 2. Rehabilitate intake structure 3. Rehabilitate flood prevention dike 4. Improve feeder roads 5. Facilitate activities of water users' association
12. Expected results (outputs)	Irrigation water is stably supplied in south part of PC23
13. Inputs	1. Costs for rehabilitation of irrigation canal/drainage, feeder roads etc. 2. Equipment(s) necessary for the Project, and for the water users associations
14. Implementing agency	Leading: JICA Cooperate: Ministere de l'Agriculture, de l'Elevage et de la Peche
15. Status of the project	1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1. Pipeline, 2. Approved, 3. On-going, 4. Completed Grant assistance is subject to the approval by the Cabinet
16. Issues/problems	
17. Person in charge	Name: Etsuko OSUMI e-mail: Osumi.Etsuko@jica.go.jp

Key Word: Irrigation system, irrigation network, intake structure, flood prevention dike, feeder roads

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar										
2. Title (Full name)	The Study on Rural Development and Watershed Management in the South-West Region of Alaotra										
3. Project Location	Lake Alaotra, Alaotra Mangoro Region										
4. Type of project	<table border="1"> <tr> <td align="center">3</td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector</p>	3									
3											
5. Fields covered (multiple selection)	<table border="1"> <tr> <td align="center">10</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) ----- 10. Development study on rural development and watershed management</p>	10									
10											
6. Fund source (Funding agency)	JICA										
7. Cost	Total: USD 5 million (to be confirmed)										
8. Project duration (dd/mm/yy)	Start: 2003 End: 2008										
9. Goal and objectives	Goal: Obj.: Master Plan for rural development and watershed management is formulated in the South-west of Lake Alaotra area										
10. Target beneficiaries	Direct: Secondary:										
11. Project component (activities)											
12. Expected results (outputs)	1. Master plan 2. A series of trial										
13. Inputs	1. Study Team (Team of consultants with various expertises) 2. Vehicles and equipment										
14. Implementing agency	Leading: JICA Cooperate:										
15. Status of the project	<table border="1"> <tr> <td align="center">4</td> <td>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</td> </tr> </table>	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed										
16. Issues/problems											
17. Person in charge	Name: _____ e-mail: _____										

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar
2. Title (Full name)	Project for Improvement of Antsirabe Agricultural Mechanization Training
3. Project Location	Vakinankaratra(Antsirabe Agricultural Mechanization Training Centre)
4. Type of project	1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Fields covered (multiple selection)	3 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. -----
6. Fund source (Funding agency)	JICA
7. Cost	Total: USD 5,780,000
8. Project duration (dd/mm/yy)	Start: 2008 End: 2009
9. Goal and objectives	Goal: Human resources for Agricultural mechanizaion are developed Obj.: Facilities and equipment required for training of CFAMA are equiped
10. Target beneficiaries	Direct: CEfAMA-Ivory training center, CEFEMA-Indefy practice field Secondary: Farmers in the project area
11. Project component (activities)	1. Construct facilities 2. Provide equipment
12. Expected results (outputs)	Facilities and equipment are utilized for training at CFAMA
13. Inputs	1. Construction costs (4classrooms, toilets, library, Working room, multi-purpose room, laboratory, 4 bedrooms, 2cafeterias, 2 lounges, 7 residences for managing staff, livestock barn, chicken house, Aquaculture pond, Storage, 2 Genetators60kw, Dryer) 2. Equipment (chairs, desks, stationery, computers, projectors, photocopy machines, cultivation tools, water pump, tractor, minibus, 4WD wagon, solar system)
14. Implementing agency	Leading: JICA Cooperate: Ministere de l'Agriculture, de l'Elevage et de la Peche
15. Status of the project	4 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
16. Issues/problems	
17. Person in charge	Name: Etsuko OSUMI e-mail: Osumi.Etsuko@jica.go.jp

Key Word:

Agricultural machinery, training center, construction

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar										
2. Title (Full name)	Irrigation Development and Watershed Management in the South-west of Lake Alaotra (SAPROF)										
3. Project Location	Alaotra-Mangoro Region										
4. Type of project	<table border="1"> <tr> <td>1</td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector</p>	1									
1											
5. Fields covered (multiple selection)	<table border="1"> <tr> <td>7</td> <td>10</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Watershed management (reforestation and erosion control)</p>	7	10								
7	10										
6. Fund source (Funding agency)	JICA										
7. Cost	Total: USD 40 million										
8. Project duration (dd/mm/yy)	Start: 2009 End: 2009										
9. Goal and objectives	Goal: Obj.:										
10. Target beneficiaries	Direct: Secondary:										
11. Project component (activities)											
12. Expected results (outputs)											
13. Inputs											
14. Implementing agency	Leading: JICA/MAEP Cooperate:										
15. Status of the project	<table border="1"> <tr> <td>3</td> <td>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</td> </tr> </table>	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed										
16. Issues/problems											
17. Person in charge	Name: _____ e-mail: _____										

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Madagascar									
2. Title (Full name)	Agricultural Technical Advisor									
3. Project Location	Antananarivo									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	1	2	10							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) ----- 10. Capacity development									
6. Fund source (Funding agency)	JICA									
7. Cost	Total:									
8. Project duration (dd/mm/yy)	Start: 2003 End: 2010									
9. Goal and objectives	Goal: Obj.:									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)										
12. Expected results (outputs)	1. Programming of agricultural and rural development 2. Project formulation 3. NERICA promotion 4. Capacity development									
13. Inputs										
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Key Word:

2.6 Mali

- ML-1 Development Fund in Sahel Zone
- ML-2 National Program of Rural Infrastructure (PNIR)
- ML-3 Rice Sector Support Program (PAFR)
- ML-4 Project for the support to the seed sector (PAFISEM)
- ML-5 Action Plan for the Soil Fertility (PAFS)
- ML-6 Government Program of the Development of 50,000 ha
- ML-7 National Program of Small Weir for Bas-fonds (PNPBBF)
- ML-8 Contract Plan State / Office / Producers (CP-OHVN)
- ML-9 African Project on the Emergency Prevention against Pilgrim Locust (PALUCP)
- ML-10 Project for the dissemination of NERICA Rice
- ML-11 Program of Agricultural Productivity in Western Africa (WAAPP)
- ML-12 Project of Infrastructures Rehabilitation of the World Food Program (PAM)
- ML-13 Program of Restructuring the Cereal Market (PRMC)
- ML-14 Integrated Rural Development Project of KITA (PDRIK)
- ML-15 Program for the support of the sustainable development of Yélimane (PADDY)
- ML-16 Integrated Rural Development Project of the Downstream Area of Manatali Dam (PDIAM)
- ML-17 Rehabilitation of the hydro-agricultural area of Baguineda
- ML-18 Project of Hydro-agricultural Development of Village Irrigation Areas in the Upstream of Sélingué Dam
- ML-19 Project of Rehabilitation of the Hydro-agricultural Area of Ke-Machina Phase II
- ML-20 Project of the Hydro-agricultural Development of the Plot D of M'Bewani Area
- ML-21 Office of Rice Ségou/Contract Plan (ORS-CP)
- ML-22 Integrated Rural Development Project in the Region of Ségou (PDIS)
- ML-23 Project of Support to the Rural Development of the Region of Mopti (PADER)
- ML-24 Office of Rice Contract Plan (ORM-CP)
- ML-25 Project of Support to the Rural Development of the Plains of Daye, Hamadjia and Korioume (PADR-PDHK)

- ML-26 Integrated Agricultural Development Project of Soune (PDAIS)
- ML-27 Rural Development and Investment Program of the Northern regions of Mali (PIDRN)
- ML-28 Development Program of the Plains of Middle Bani (PMB)
- ML-29 Supporting Program for the Development of the Area of the Office of Niger (PADON)
- ML-30 Dutch Supporting Program to the Contract Plan of the Office of Niger
- ML-31 Project for the Extension of N'Bebougou Perimeter - Section III
- ML-32 Project of Irrigated Area Intensification of Baguineda (PIB)
- ML-33 Project for the Rehabilitation of the Irrigated Area of Maninkoura (PAPIM)
- ML-34 Rural Development Project of the Circle of Ansongo (PRODECA)
- ML-35 Project for the Development of Village Irrigation Areas of GAO (PAPIV)
- ML-36 Development of the Faguibine System (MVSF)
- ML-37 Study of the Integrated Rural Development Program of Djenneé circle
- ML-38 Agricultural Development Project of the Niger River Valley (PDAVFN)
- ML-39 Project for the Development of the San West Plain (PAPSO)
- ML-40 Supporting Program to the Agricultural Sector of Mali (PASAM)
- ML-41 Project of Integrated Initiatives for the Economic Growth of Mali (IICEM)
- ML-42 Mali North Programme
- ML-43 Program of Support to the Community Irrigation Sub-sector (PASSIP)
- ML-44 Food Security Program in the Southern Zone of PIC 2

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Development Fund in Sahel Zone									
3. Project Location	Region of Segou: circles of Segou, Niono, Macina, San and Tominian; Region of Koulikoro, circles of Nara, Kolokani and Banamba; Region of Mopti, circles of Djenne, Tenenkou, Mopti, and Youwarou									
4. Type of project	1	2								
	1. Grant, 2. Loan, 3. Technical Cooperation, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	7	10								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) ----- 10. Agriculture and rural development									
6. Fund source (Funding agency)	IFAD, GEF, Government									
7. Cost	Total: FCFA 14,195 million IFAD: FCFA 11,020 million; GEF: FCFA 2,700 million; Gov: FCFA 475 million									
8. Project duration (dd/mm/yy)	Start: 1999 End: 2009									
9. Goal and objectives	Goal: Reduction of poverty of the families in the Sahel zone Obj.: Realization of infrastructure with a view to increase production and revenue, and improve people's living conditions Sustainable management of natural resources Access of the people in the zone to the credit by the creation of 'decentralized financial services (SFD)'									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	1. Realization of infrastructure for production, social community, and environment 2. Enforcement of technical capacity of the beneficiaries 3. Rural micro finance									
12. Expected results (outputs)	1. 184 micro projects for social community 2. 9 environmental micro projects 3. 232 production micro projects including 58 rice cultivation areas									
13. Inputs										
14. Implementing agency	Leading: Secretary General of the Ministry of Agriculture Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: _____ e-mail: fodesa@cefib.com; fodesa@fodesa-mali.org									

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BP E 4610, Bamako

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Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	National Program of Rural Infrastructure (PNIR)									
3. Project Location	Nationwide									
4. Type of project	1	2								
	1. Grant, 2. Loan, 3. Technical Cooperation, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	7	10								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Rural infrastructure									
6. Fund source (Funding agency)	World Bank, Netherland, Government of Mali (GRM)									
7. Cost	Total: FCFA 71,174 millions World Bank: FCFA 61,074 million; Netherland: FCFA 2,990 million; GRM: FCFA 7,110 million									
8. Project duration (dd/mm/yy)	Start: 2001 End: 2008									
9. Goal and objectives	<p>Goal: Sustainable development and improvement of living conditions of rural people</p> <p>Obj.:</p> <ul style="list-style-type: none"> - strengthen the capacity of private and public sectors in the rural area regarding management, planning, designing, implementation and maintenance of rural infrastructure - meet the domestic needs of rural infrastructure (rural community and inter-community roads, improvement and rehabilitation of irrigation area and water source) - meet the domestic needs with regards to portfolio of study in irrigated agriculture and water source development. 									
10. Target beneficiaries	<p>Direct:</p> <p>Secondary:</p>									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Cleaning up potable water 2. Rural roads 3. Large and small irrigation 4. Environmental measures 5. Establishment of two executing agencies 									
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. 1266 bore holes (cleaning up of potable water) 2. Improvement of 513 km of trails and achievement of 20 km of pilot tracks 									
13. Inputs										
14. Implementing agency	<p>Leading: Road authority and AGETIER, and the Program coordination unit</p> <p>Cooperate:</p>									
15. Status of the project	2	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail: ydiarra@pnir.org				

Address: PNIR

BPE 922 Bamako

Tel:

222 9194

Fax

223 7727

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Rice Sector Support Program (PAFR)									
3. Project Location	Regions of Ségou (Zone of Office du Niger) and Mopti (8 circles)									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Cooperation, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	2	3	4	7						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	EU									
7. Cost	Total: FCFA 10,686 million									
8. Project duration (dd/mm/yy)	Start: 2002 End: 2009									
9. Goal and objectives	Goal: Obj.: Contribute to the improvement of food security Contribute to the economic integration of Mali within UEMOA									
10. Target beneficiaries	Direct: the Office de Niger Secondary:									
11. Project component (activities)	1. Rehabilitation of 1,250 ha of the Boky Were II 2. Computerization and install information service at Office du Niger (Office VISION) 3. Support in action research among farmers (Support of IER Niono) 4. Development of new irrigation area with 1,285 ha (Fifth Region (VRES III))									
12. Expected results (outputs)	1. Irrigated rice production in the area under the Office du Niger is intensified 2. Upgrade of irrigation area by pumping in the Fifth Region (VRES III) 3. Install a economic and technical information system for producers, administration and the entire operators									
13. Inputs										
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail: hsow@cpsma.gov.ml				

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221-5920

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali
2. Title (Full name)	Project for the Support to the Seed Sector (PAFISEM)
3. Project Location	Nationwide
4. Type of project	2 1. Grant, 2. Loan, 3. Technical Cooperation, 4. National budget, 5. Private sector
5. Fields covered (multiple selection)	9 1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.
6. Fund source (Funding agency)	AfDB, Gov. Mali
7. Cost	Total: FCFA 5,864 million
8. Project duration (dd/mm/yy)	Start: 2003 End: 2007
9. Goal and objectives	Goal: Make the seed sector sustainable and profitable enterprise Obj.: Increase the production and utilization of certified seeds Establishment of private seed sector with well formed professionals
10. Target beneficiaries	Direct: Seed producers Secondary:
11. Project component (activities)	1. Rehabilitation of total water control area (72 ha) 2. Rehabilitation of controled submergence area (60 ha) 3. Rehabilitation of building and laboratory (15) 4. Construction de accommodation, store area and warehouse (16)
12. Expected results (outputs)	
13. Inputs	1. vehicles (4x4) 11 units 2. Motorcycle 36 units 3. Laboratory equipment (5 series)
14. Implementing agency	Leading: Cooperate:
15. Status of the project	4 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
16. Issues/problems	
17. Person in charge	Name: e-mail: ssnsegou@yahoo.fr; s_semencier@hotmail.com

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Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali										
2. Title (Full name)	Action Plan for the Soil Fertility (PAFS)										
3. Project Location	Regions of Kayes, Koulikoro, Sikasso, Ségou and Mopti										
4. Type of project	<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td style="width: 20px; text-align: center;">4</td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> </tr> </table> 1. Grant, 2. Loan, 3. Technical Cooperation, 4. National budget, 5. Private sector	4									
4											
5. Fields covered (multiple selection)	<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td style="width: 20px; text-align: center;">2</td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> </tr> </table> 1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.	2									
2											
6. Fund source (Funding agency)	Government of Mali										
7. Cost	Total: FCFA 260 million										
8. Project duration (dd/mm/yy)	Start: 2007 End: 2009										
9. Goal and objectives	Goal: Contribute to the attainment of food security and poverty reduction in the rural area Obj.: Contribute to the increase in production and productivity of main crops Improvement of soil fertility Contribute to the insertion of farm in a sustainable environmental friendly agricultural system										
10. Target beneficiaries	Direct: Secondary:										
11. Project component (activities)											
12. Expected results (outputs)	1. 150 farms are trained on the production and utilization of organic manure and realization of erosion prevention measures 2. 1,500 tons of organic manure are produced and utilized on 300 ha 3. Yield of benefited crops is enhanced by 5 to 10%. 4. Erosion prevention works are constructed on the degraded plots										
13. Inputs											
14. Implementing agency	Leading: National Directorate of Agriculture Cooperate:										
15. Status of the project	<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td style="width: 20px; text-align: center;">3</td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> </tr> </table> 1. Pipeline, 2. Approved, 3. On-going, 4. Completed	3									
3											
16. Issues/problems											
17. Person in charge	Name: _____ e-mail: kelemadaniel@yahoo.fr										

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Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Government Program of the Development of 50,000 ha									
3. Project Location	Nationwide									
4. Type of project	4									
	1. Grant, 2. Loan, 3. Technical Cooperation, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	4	7								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	Government of Mali									
7. Cost	Total: FCFA 5,000 million									
8. Project duration (dd/mm/yy)	Start: 2003 End: 2007									
9. Goal and objectives	Goal: Development of 50,000 ha Obj.: Monitoring of physical development and their equipment Elaboration of development and mechanization strategies									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)										
12. Expected results (outputs)	1. 33,255 ha of development realized 2. Increased development area by 21.7% 3. Rice production increased by 171,000 ton									
13. Inputs										
14. Implementing agency	Leading: National Directorate of Rural Engineering Cooperate:									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail: dngr@afribonemali.net				

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Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	National Program of Small Weir for Bas-fonds (PNPBBF)									
3. Project Location	Regions of Koulikoro, Kayés, and Sikasso									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Cooperation, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	10									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Development of inland valley swamp									
6. Fund source (Funding agency)	Japan (KR II), Government of Mali									
7. Cost	Total: FCFA 2,958 million									
8. Project duration (dd/mm/yy)	Start: 2005 End: 2010									
9. Goal and objectives	<p>Goal: The program is part of dynamic water control for securing agricultural production and the diversification of revenue of rural people</p> <p>Obj.: Development of perennial or non-perennial water resources through the construction of small weir, flooding works of plains for market gardening for the development of agriculture, livestock, fishery, forestry and drinking water use.</p>									
10. Target beneficiaries	<p>Direct:</p> <p>Secondary:</p>									
11. Project component (activities)	Realization of the development of inland valley swamp									
12. Expected results (outputs)	<p>1. Development study of 34 inland valley swamps in the regions of Koulikoro, Kayés and Sikasso for an area of 200 ha (2005).</p> <p>2. Updated development of additional 27 inland valley swamps for an area of 1,100 ha.</p> <p>3. Development works at 4 sites in Sikasso region, 2 sites in Kayés region, and study of inland valley swamp in the two regions.</p>									
13. Inputs										
14. Implementing agency	<p>Leading: National Directorate of Rural Engineering</p> <p>Cooperate:</p>									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail: minta_mama@yahoo.fr				

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Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Contract Plan State / Office / Producers (CP-OHVN)									
3. Project Location	Region of Koulikoro									
4. Type of project	4									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	10								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10: Provision of equipment and infrastructure development									
6. Fund source (Funding agency)	Government of Mali									
7. Cost	Total: FCFA 346 million									
8. Project duration (dd/mm/yy)	Start: 2007 End: 2009									
9. Goal and objectives	Goal: Improvement of the living standards of rural populations in the intervention area of the office Obj.: Development of the agricultural and livestock sectors Strengthening of the capacity of farmers' organizations Opening up of the intervention area									
10. Target beneficiaries	Direct: Office of the upper valley of the Niger Secondary: Producers in the intervention area under the Office									
11. Project component (activities)	1. Strengthening of the capacity of the producers (Training of farmers: 20 themes) 2. Realisation of rural infrastructure (1 study, and 20 constructions) 3. Establishment of a unit for treatment and packaging of the organic sesame (1)									
12. Expected results (outputs)										
13. Inputs	1. 10 vehicles 2. 13 motorbikes									
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	47% financed									
17. Person in charge	Name: _____ e-mail: ohvnagro@hotmail.com									

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e-mail: ohvnagro@hotmail.com

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	African Project on the Emergency Prevention against Pilgrim Locust (PALUCP)									
3. Project Location	Nationwide									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	2	3	10							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below)									
	10: Plant protection									
6. Fund source (Funding agency)	World Bank, Government of Mali (GRM)									
7. Cost	Total: FCFA 6,494 million World Bank: FCFA 5,294 million GRM: FCFA 1,200 million									
8. Project duration (dd/mm/yy)	Start: 2005 End: 2009									
9. Goal and objectives	Goal: To support in the immediate future the efforts of Mali to contain the danger of locust and to develop, after four years, actions with a view to mitigate its negative impact considering the socio-economic aspect in the affected areas. Obj.: To consent investments favorable to the strengthening of the prevention against invasions To consent investments favorable to the re-establishment of food security in the areas regularly exposed to locust attacks. To contribute to the implementation of measures taking in charge of the mitigation of the effect of environmental treatments									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	1. Emergency prevention against locusts infesting 2. Investments of emergency in favour of the agricultural sector 3. Strengthening of the national system of early alert 4. Project management and coordination									
12. Expected results (outputs)	1. National Prospecting (368,817 ha) and Mali/Mauritanie (1,441 ha) 2. Treatment of infested surfaces (339,764 ha) 3. Support to suffering agricultural exploitations (5,000) 4. Construction of warehouses for pesticides (3) 5. Capacity building of the stakeholders by organizing targeted training sessions (96)									
13. Inputs										
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	48% financial as of 31/12/07									
17. Person in charge	Name:					e-mail:				

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ulcp_palucp@orangemali.net

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Project for the dissemination of NERICA Rice									
3. Project Location	Region of Sikasso, circles of Sikasso, Bougouni, Kolondieba, Yanfolila and Koutiala; Region of Koulikoro, circles of Kangaba and Kati; Region of Kayes, circles of Kita and Kenieba									
4. Type of project	1	2								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	2	3	9	10						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10: Provision of equipment									
6. Fund source (Funding agency)	AfDB, Government of Mali (GRM)									
7. Cost	Total: FCFA 3,050 million AfDB: FCFA 2,503 million GRM: FCFA 551 million									
8. Project duration (dd/mm/yy)	Start: 2005 End: 2009									
9. Goal and objectives	Goal: To contribute to the poverty reduction and to food security in Western Africa, through increasing the access to rainfed rice with high yield. Obj.: To ensure the dissemination of NERICA rice varieties, To ensure the multiplication of pre-basic seeds To conduct researches of adaptation on the new NERICAs To finalize additional technologies and to ensure the training of the various stakeholders operating in the dissemination									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	1. Technology transfer: adaptation and dissemination of new technologies in the field of variety, agronomy and protection of cropping. 2. Production support: production of certified seed of NERICA and its dissemination 3. Capacity building: training of producers, research and monitoring agents, provision of equipments and infrastructures for the stakeholders 4. Project Management									
12. Expected results (outputs)	1. Seeds Production (442 ton) 2. This project aims at improving the productivity of small-scale farms and mainly women practicing cultivation 3. Considering that rice cultivation contributes to of women's incomes									
13. Inputs	1. Vehicles (2); motorbikes (9) 2. Farming equipments (plough, harrowers, threshers, seeders, carts, scales etc.) (71) 3. wardrobe, desks, refrigerator, printers, photocopiers, television (34) 4. cameras (4) 5. Kits of equipments for community demonstration and cultivation practices (15)									
14. Implementing agency	Leading: IER Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	29% financed as of 31/12/2007									
17. Person in charge	Name:					e-mail:				

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Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Program of Agricultural Productivity in Western Africa (WAAPP)									
3. Project Location	Regions of Ségou, Mopti and Sikasso									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	2	3								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10:									
6. Fund source (Funding agency)	World Bank Government of Mali (GRM)									
7. Cost	Total: FCFA 3,797 million World Bank: FCFA 3,402 million GRM: FCFA 395 million									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2012									
9. Goal and objectives	Goal: To contribute to the increase of the agricultural productivity in priority sub-sectors of basic products of Mali. Obj.: To generate et disseminate improved technologies of the approved priority sectors.									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	1. Creation of conditions favorable to the regional cooperation regarding technologies generation and dissemination. 2. Establishment of a national center with specialization on rice									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: IER Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

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Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Program of Restructuring the Cereal Market (PRMC)									
3. Project Location	Nationalwide									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	1	5								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) ----- 10:									
6. Fund source (Funding agency)	Canada, USA, France, EU, Germany, Netherland, WFP, UNICEF and Government of Mali (GRM)									
7. Cost	Total: FCFA 7,872 million Canada: 2,081, USA: 1,592, UNICEF; 43, France: 656, GRM: 3,500									
8. Project duration (dd/mm/yy)	Start: 2006 End: 2008									
9. Goal and objectives	Goal: Obj.: To generate information and to execute actions for food security (free distributions of food, sales of intervention, cereal banks, small irrigated village areas, etc.)									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Purchase of cereals (mil, maize and sorgho) for the national stock of food security (24,699 ton) 2. Free distributions of food (259.2 ton) 3. Sales of intervention (1,885.2 ton) 4. Cereals banks (3,994 ton) 5. To finance the annual operation of its structures (in average 350 millions Fcfa for OPAM, 370 million Fcfa for SAP, 150 millions Fcfa for OMA, and 35 millions Fcfa for the Technical Secretariat) 									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

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Fax: 221-7419
e-mail:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Integrated Rural Development Project of KITA (PDRIK)									
3. Project Location	Region of Kayes, circle of Kita									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4	7	10						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10: health									
6. Fund source (Funding agency)	IsDB, OPEC Fund, Government of Mali									
7. Cost	Total: FCFA 11,616 million									
8. Project duration (dd/mm/yy)	Start: 2001 End: 2008									
9. Goal and objectives	Goal: To increase exportable products to contribute to the improvement of the balance of payments of the country Obj.: To contribute in a significant way to the food production of the Region and of Mali									
10. Target beneficiaries	Direct: The people of the cercle and those who have to allow to raise the constraints by exploiting the assets in the zone. Secondary:									
11. Project component (activities)	1. To rehabilitate the hydro-agricultural infrastructures and rural tracks 2. To strengthen and to progressively transfer the operations of maintenance and management of the hydro-agricultural and rural infrastructures to youngs and women's organizations 3. To strengthen activities of training, support-advice, monitoring and 4. To protect the environment and to improve educational and socio-sanitary conditions of rural populations									
12. Expected results (outputs)	1. Development of lowlands/plains (960 ha) 2. Construction bridges, rural tracks, boreholes, schools, etc. 3. Loans on small farming inputs (300 tons)									
13. Inputs										
14. Implementing agency	Leading: National Department of Agriculture Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	As of 31 Dec. 2007, project progress is very slow. Only one year remains while disbursement of budget is only 57%.									
17. Person in charge	Name:					e-mail:				

Address:

BP29 Kita,
Tel: 257-3788

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Program for the support of the sustainable development of Yélimane (PADDY)									
3. Project Location	Region of Kayes, circle of Yélimane									
4. Type of project	1	3								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	7								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10:									
6. Fund source (Funding agency)	Vietnam, Mairie de Montreuil (France), FAO and Government of Mali									
7. Cost	Total: FCFA 7,048 million									
8. Project duration (dd/mm/yy)	Start: 2006 End: 2010									
9. Goal and objectives	<p>Goal:</p> <p>Obj.: Strengthening of food security through an increase of local productions, by particularly emphasizing water management, management of natural resources and intensification of the production systems</p> <p>Increase of revenue and improvement of living conditions by the promotion of favorable socio-economic environment and by the employment creation in view of reducing out-migration.</p>									
10. Target beneficiaries	<p>Direct:</p> <p>Secondary:</p>									
11. Project component (activities)	<p>1. Operational and technical capacity building of populations for the development of their lands.</p> <p>2. Capacity building of decentralized structures</p> <p>3. Financing, management and coordination mechanisms</p>									
12. Expected results (outputs)	<p>1. Hydro-agricultural development (610 ha)</p> <p>2. Establishment of areas for market gardening</p>									
13. Inputs	<p>1. Permanent Vietnamese expert</p> <p>2. Motorcycle (20 units)</p> <p>3. Small equipments</p>									
14. Implementing agency	<p>Conduisant (leading): National Department of Agriculture</p> <p>Coopérant (cooperate):</p>									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: e-mail: addy@cefib.com									

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Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Integrated Rural Development Project of the Downstream Area of Manatali Dam (PDIAM)									
3. Project Location	Region of Kayes, circle of Bafoulabé									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	4	7	10							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10: rural infrastructure development									
6. Fund source (Funding agency)	Saudi Arabian Fund, Kuwait Fund, IsDB, OPEC Fund, Government of Mali									
7. Cost	Total: FCFA 15,393 million									
8. Project duration (dd/mm/yy)	Start: 2000 End:									
9. Goal and objectives	Goal: To create objective conditions of sustainable development in the area through seeking food security. Obj.: To keep a certain balance of the ecosystem in the area To ensure the security of the agricultural production in the area, To contribute to the increase of the life standards of the populations To contribute to meet the national and local needs of food									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	1. Development of the areas B and G/H on 1,562ha 2. Development of the low-lands and areas for market gardening 3. Construction and provision of equipments of literacy centers 4. Construction of water point 5. Micro-credit financing 6. Various training for women in rural areas 7. Construction of buildings									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: National Department of Rural Engineering Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: _____ e-mail: pdiam@afribone.net.ml									

Address:

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Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Rehabilitation of the hydro-agricultural area of Baguineda									
3. Project Location	Region of Koulikoro, circle of Kati									
4. Type of project	4									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	7									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10:									
6. Fund source (Funding agency)	Government of Mali									
7. Cost	Total: FCFA 673 million									
8. Project duration (dd/mm/yy)	Start: 2006 End: 2008									
9. Goal and objectives	Goal: To increase and to secure the production of rice in the irrigated area of Baguineda, and to prevent the seasonal rural exodus. Obj.:									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	1. Cleaning and clearing of the primary infrastructures 2. Cleaning of the canal in the upstream and downstream area. 3. Embankment and rehabilitation of watering places 4. Clearing of aquatic plants 5. Maintenance of farm track and construction of a building for office use									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Office of Irrigated Area of Baguineda Cooperate:									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail: opibaguineda@yahoo.fr				

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Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Project of Hydro-agricultural Development of Village Irrigation Areas in the Upstream of Sélingué Dam									
3. Project Location	Region of Sikasso, circles of Yanfolila and Bougouni									
4. Type of project	4									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	7									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10:									
6. Fund source (Funding agency)	Government of Mali									
7. Cost	Total: FCFA 1,333 million									
8. Project duration (dd/mm/yy)	Start: 2007 End: 2009									
9. Goal and objectives	Goal: Poverty reduction Obj.: Increase of the incomes of the beneficiary populations of the intervention area									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	To make available secured and developed lands									
12. Expected results (outputs)	1. Increase and securing of agricultural production									
13. Inputs										
14. Implementing agency	Leading: Office of Rural Development of Sélingué Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: _____ e-mail: odrs@afribone.net.ml									

Address

Siège: 47, rue Mohamed V, BP 03, Bamako
265-0257 / 222-5403

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Project of Rehabilitation of the Hydro-agricultural Area of Ke-Machina Phase II									
3. Project Location	Region of Ségou, circle of Macina									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	7	10								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below)									
	10: Social Infrastructure and Economy									
6. Fund source (Funding agency)	Kuwait Fund, OPEC Fund, Government of Mali									
7. Cost	Total: FCFA 15,618 million									
8. Project duration (dd/mm/yy)	Start: 2004 End: 2008									
9. Goal and objectives	Goal: Prevention of poverty Obj.: Rehabilitation for a total water management of 3,160 ha Increase and diversification of the agricultural productions Improvement of populations' incomes and life standards Promotion of rural savings									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)										
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Office of Niger Cooperate:									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Personne en charge	Name: e-mail: office@office-du-niger.org.ml									

Address

s/c Office du Niger BP 106 Ségou
234-2265

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Project of the Hydro-agricultural Development of the Plot D of M'Bewani Area									
3. Project Location	Region of Ségou, circle of Niono									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	7	10								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below)									
	10: Social infrastructure									
6. Fund source (Funding agency)	West African Development Bank, National Agricultural Development Bank Government of Mali									
7. Cost	Total: FCFA 7,565 million									
8. Project duration (dd/mm/yy)	Start: 2006 End: 2010									
9. Goal and objectives	Goal: Increase of agricultural production Obj.: Rehabilitation of 2,007 ha of the Plot D of M'Bèwani Area for a total water management Intensive cultivation of season and off-season rice and market gardening									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)										
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Integrated management Unit in the administration, Office of Niger Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: e-mail: office@office-du-niger.org.ml									

Address

s/c Office du Niger BP 106 Ségou
232-0292

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Office of Rice Ségou/Contract Plan (ORS-CP)									
3. Project Location	Region of Ségou, circles of Ségou and Baraouéli									
4. Type of project	4									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	7									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10:									
6. Fund source (Funding agency)	Government of Mali									
7. Cost	Total: FCFA 365 million									
8. Project duration (dd/mm/yy)	Start: 2006 End: 2008									
9. Goal and objectives	Goal: Execute of all the programs and projects contributing to the promotion of rice channel through actions aiming at the integrated development of its intervention area. Obj.: Improvement of the water service in hydro-agricultural areas/perimeters.									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	1. Routine maintenance of the irrigation network in the beginning of the campaign 2. Construction of hydraulic structures 3. Construction of social infrastructures 4. ORS Operation									
12. Expected results (outputs)	1. Maintenance of dykes 2. Cleaning of canals 3. Maintenance of works/structures									
13. Inputs										
14. Implementing agency	Leading: Office of Rice of Ségou, Ministry of Agriculture Cooperate:									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: _____ e-mail: officeriz@yahoo.fr									

Address s/c ORS, BP 94, Ségou
232-0326

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Integrated Rural Development Project in the Region of Ségou (PDIS)									
3. Project Location	Region of Ségou, circles of Ségou and Baraouéli									
4. Type de projet	2									
4. Type of project	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
	4	7	10							
5. Fields covered (multiple selection)	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10: Rural infrastructure									
6. Fund source (Funding agency)	IsDB, Government of Mali (GRM)									
7. Cost	Total: FCFA 6,942 million (BID: FCFA5,881million, Government of Mali: FCFA1,061million)									
8. Project duration (dd/mm/yy)	Start: 2003 End: 2008									
9. Goal and objectives	Goal: Increase of producers' incomes, improvement of populations' life standards and opening up of the production areas Obj.: Improvement of the level of production and productivity of the various speculations Strengthening of social infrastructures Training of producers and agents Protection of environment Upgrading of the capacity of self-management particularly women's groups and village committees Opening-up of the production areas and that of consumption									
10. Target beneficiaries	Direct: Producers and producers associations Secondary:									
11. Project component (activities)	1. Rehabilitation of the hydraulic network 2. Social infrastructures 3. Support to rural development 4. Training 5. Technical assistance 6. Consultant in charge of studies, DAO, supervision and control of works 7. Support to the execution agency									
12. Expected results (outputs)	1. Rehabilitation of the hydraulic network (6,670 ha) 2. Construction works of rural tracks (22 km) 3. Construction of boreholes (30) 4. Construction of pastoral wells (10) 5. Rehabilitation of areas for market gardening (20) 6. Construction and provision of equipment of literacy centers (30)									
13. Inputs	1. Acquirement of FWD vehicles (4) 2. Acquirement of motobikes 100cc (20)									
14. Implementing agency	Conduisant (leading): Office of Rice of Ségou Coopérant (cooperate):									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail: officeriz@yahoo.fr				

Address: s/c ORS, BP 94, Ségou
232-0326

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Project of Support to the Rural Development of the Region of Mopti (PADER)									
3. Project Location	Region of Mopti and Ségou; Circles of Mopti, Djenné, Ténenkou and Tominian									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	4	7								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10:									
6. Fund source (Funding agency)	AfDB, Government of Mali									
7. Cost	Total: FCFA 16,844 million									
8. Project duration (dd/mm/yy)	Start: 2003 End: 2009									
9. Goal and objectives	Goal: To contribute to the strengthening of food security of the country and to the reduction of poverty Obj.: Diversification and increase of the agricultural production Development of activities generating incomes									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	1. Construction of hydro-agricultural infrastructures 2. Literacy of rural populations 3. Professionalization of farmers organizations 4. Protection of environment 5. Improvement of the financing of rural area 6. Strengthening of the activities of support-advice and monitoring of ORM									
12. Expected results (outputs)										
13. Inputs	1. Acquirement of vehicles (3) 2. Acquirement of motorbikes (12) 3. Acquirement of mobyettes (52)									
14. Implementing agency	Leading: Office of Rice of Mopti Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	Relatively low disbursement is due to non-start of rehabilitating irrigation network because of unfinished study									
17. Person in charge	Name: e-mail: officerizmopti2@yahoo.fr									
Address:	BP234, Mopti 242-0187									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Office of Rice Contract Plan (ORM-CP)									
3. Project Location	Region of Mopti, circles of Djenné, Mopti and Ténenkou									
4. Type of project	4									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4	7	10						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10: Environment protection									
6. Fund source (Funding agency)	Government of Mali									
7. Cost	Total: FCFA 894 million									
8. Project duration (dd/mm/yy)	Start: 2007 End: 2009									
9. Goal and objectives	<p>Goal: To promote the agricultural development by securing the production, by diversifying crops in order to increase the production and the productivity.</p> <p>Obj.: Improvement of the hydraulic network and water management Intensification of the agricultural production Improvement of the criteria of giving credits Protection of environment Creation of a fund for the support to victims of disaster Adaptation to the structures of monitoring and to the context of decentralization</p>									
10. Target beneficiaries	<p>Direct:</p> <p>Secondary:</p>									
11. Project component (activities)	<p>1. Improvement of the hydraulic network and water management</p> <p>2. Intensification of the agricultural production</p> <p>3. Improvement of the criteria of giving credits</p> <p>4. Protection of environment of the village irrigated areas/perimeters</p>									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	<p>Leading: Office of Rice of Mopti</p> <p>Cooperate:</p>									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: e-mail: officerizmopti2@yahoo.fr									

Address:

BP161 Mopti

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Project of Support to the Rural Development of the Plains of Daye, Hamadja and Korioume (PADR-PDHK)									
3. Project Location	Region of Tombouctou, circle of Tombouctou									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	4	7								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10:									
6. Fund source (Funding agency)	AfDB, Government of Mali									
7. Cost	Total: FCFA 8,412 million									
8. Project duration (dd/mm/yy)	Start: 2002 End: 2009									
9. Goal and objectives	Goal: Poverty reduction in the area of Tombouctou and improvement of the populations' living standards. Obj.: Sustainable increase of the agricultural production on the three areas/perimeters, through the strengthening the management and maintenance operations of cooperatives.									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	1. Hydroagricultural rehabilitation 2. Development of rural area 3. Institutional support 4. Project management									
12. Expected results (outputs)	1. Works for the strengthening of dikes 2. Tracks and canals of the perimeters of Daye and Hamadja 3. Rehabilitation of Korioumé perimeter including the replacement of the three pumping engines and the provision of oan additional pumping unit. 4. Support to the structuring and the provision of equipment to the three 5. Support to the communes and the decentralized services of the State. 6. Promotion of specific actions intended for supporting women's socio-economic activity 7. Supporting and training actions for farmers organizations 8. Construction of a training center and a small-scale artisanal center 9. Establishment of a credit system intended for supporting of local initiative 10. Creation of 3 self-managed village accounts 11. Village reforestation/forest, plantation of wind-breaks and fixing of sand dunes 12. Creation of basic infrastructure (9 boreholes, 9 wells, 1 health center, 2 schools)									
13. Inputs										
14. Implementing agency	Leading: National Department of Agriculture Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail: padrpdhk@afribone.ml.net				

Address:

BP 70, Tombouctou
292-1185

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Integrated Agricultural Development Project of Saoune (PDAIS)									
3. Project Location	Region of Tombouctou, circle of Diré									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	6	7								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10:									
6. Fund source (Funding agency)	BADEA, Government of Mali									
7. Cost	Total: FCFA 4,536 million									
8. Project duration (dd/mm/yy)	Start: 1999 End: 2008									
9. Goal and objectives	Goal: To contribute to food self-sufficiency in animal and agricultural products of the populations in the Commune Diré and the agricultural breeders of the Obj.:									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	1. Construction of a complete hydraulic network with protection dike for the irrigation of 400 ha under a total water control 2. Construction and provision of equipment to pumping station equipped with 4 Archimède screws and an area for storing fuel of 2 tanks of 50,000 liters each 3. Construction and provision of equipment to the project offices of 2 warehouses of 400 m ²									
12. Expected results (outputs)	1. Irrigated cropping is diversified and intensified 2. Animal resources are developed to reduce the deficit of meats and milk products 3. Rural exodus is reduced through job creation 4. The environment of the perimeter is protected									
13. Inputs	1. Tractors with accessories (3) 2. Rice huller (3) 3. Thresher (6) 4. Various equipments (ploughs, harrows, carts)									
14. Implementing agency	Leading: National Department of Rural Engineering Cooperate:									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: e-mail: adamangolodiarra@yahoo.fr									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Rural Development and Investment Program of the Northern regions of Mali (PIDRN)									
3. Project Location	Region of Tombouctou, circles of Niafunké, Gourma Rharous, Bourem, Goundam and Diré									
4. Type of project	1	2								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	4	7	10							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) ----- 10: Livestock									
6. Fund source (Funding agency)	IFAD, Belgium Survival Fund, West African Development Bank, Government of Mali									
7. Cost	Total: FCFA 18,801 million									
8. Project duration (dd/mm/yy)	Start: 2006 End: 2013									
9. Goal and objectives	Goal: To contribute to the reduction of vulnerability and to restore the social and economic level of the Northern regions of Mali Obj.: Capacity building of local organizations and structures To develop the agri-pastoral productive potential To favour the access to basic social services									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)										
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Development Program of the Plains of Middle Bani (PMB)									
3. Project Location	Bla, Region of Ségou									
4. Type of project	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10:									
6. Fund source (Funding agency)	AfDB, OPEC, Government of Mali									
7. Cost	Total: FCFA 21,845million									
8. Project duration (dd/mm/yy)	Start: 1999 End: 2007									
9. Goal and objectives	Goal: Food security and improvement of life income Obj.: Construction of the Dam of Talo and rehabilitation of the plains Strengthening of the social infrastructures									
10. Target beneficiaries	Direct: Producers Secondary: Rural population									
11. Project component (activities)	1. Hydro-aricultural rehabilitation 2. Agricultural development 3. Development of women's activities 4. Program management 5.									
12. Expected results (outputs)	1. Construction of the Dam of Talo 2. Development of the Plain of Wolom (600 ha) 3. Possibility of double cropping of rice 4. Fish capture 5. Organization of 35 women's groups									
13. Inputs	1. 2. 3. 4. 5.									
14. Implementing agency	Leading: Project Director Cooperate:									
15. Status of the project	<input checked="" type="checkbox"/>	1. Pipeline, 2. Approved, 3. On-going, 4. Completed The preparation of the 2nd phase is on going								
16. Issues/problems										
17. Person in charge	Name: Directeur Génie Rural e-mail: moyen_bani@timbagga.com.ml									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Supporting Program for the Development of the Area of the Office of Niger (PADON)									
3. Project Location	Office of Niger (Segou)									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	4	7								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10:									
6. Fund source (Funding agency)	AFD - France									
7. Cost	Total: FCFA 6,559 million									
8. Project duration (dd/mm/yy)	Start: 2006 End: 2010									
9. Goal and objectives	Goal: Improvement of water management Obj.: Development of rehabilitations and securing of the economic and technical environment									
10. Target beneficiaries	Direct: rice producers Secondary: consumers (populations)									
11. Project component (activities)	1. Rehabilitation 2. Institutional support									
12. Expected results (outputs)	1. To regularize Retail distributor 2. Rehabilitation of Retail 4 3. Protection of the fala of Molodo 4. Institutional support									
13. Inputs										
14. Implementing agency	Leading: Office of Niger Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: PDG de l'ON					e-mail: office@office-du-niger.org.ml				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Dutch Supporting Program to the Contract Plan of the Office of Niger									
3. Project Location	Region of Ségou, circles Ségou, Niono and Macina									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	7									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10: _____									
6. Fund source (Funding agency)	Netherland									
7. Cost	Total: FCFA 3,560 million									
8. Project duration (dd/mm/yy)	Start: 2005 End: 2008									
9. Goal and objectives	Goal: Obj.: To contribute to reach food security through the improvement of the water management he rehabilitation of Niaro casier									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	1. Rehabilitation Niaro casier 2. Cleansing and roads works 3. Tree planting									
12. Expected results (outputs)										
13. Inputs	1. Acquirement of one FWD vehicle 2. Computers 3. Two pirogues for the monitoring of irrigation 4. TOMPRO and FINPRONET softwares 5. Satellites images to facilitate the cartography of developed plots									
14. Implementing agency	Leading: Office of Niger Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: _____ e-mail: office@office-du-niger.org.ml									

Address s/c Office du Niger
BP 106 Ségou
Tel 232-0292
Fax 232-0143

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali										
2. Title (Full name)	Project for the Extension of N'Bebougou Perimeter - Section III										
3. Project Location	Region of Ségou, circles Ségou, Niono and Macina										
4. Type of project	<table border="1"> <tr> <td>1</td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector</p>	1									
1											
5. Fields covered (multiple selection)	<table border="1"> <tr> <td>7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Dissemination & Training 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seeds, 10. Other (below specified) ----- 10:</p>	7									
7											
6. Fund source (Funding agency)	KfW, Government of Mali										
7. Cost	Total: FCFA 10,816 million (KfW: 8,178 million FCFA)										
8. Project duration (dd/mm/yy)	Start: 2008 End: 2012										
9. Goal and objectives	Goal: To contribute to poverty reduction and mitigation of rural exodus Obj.: To increase the production of rice and market gardening by making available 1,950 ha of hydro-agricultural rehabilitation in the perimeter of N'Dégougou.										
10. Target beneficiaries	Direct: Secondary:										
11. Project component (activities)	Extension of N'Dégougou perimeter - Section III of 1,950 ha										
12. Expected results (outputs)											
13. Inputs											
14. Implementing agency	Leading: Cooperate:										
15. Status of the project	<table border="1"> <tr> <td>3</td> <td></td> </tr> </table> <p>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</p>	3									
3											
16. Issues/problems											
17. Person in charge	Name: Coordinateur e-mail:										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Project of Irrigated Area Intensification of Baguineda (PIB)									
3. Project Location	Baguineda (Region of Koulikoro)									
4. Type of project	1	2								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4	7							
	1. Policy, 2. R & D, 3. Dissemination & Training 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seeds, 10. Other (below specified) 10: -----									
6. Fund source (Funding agency)	AfDB, Governmnet of Mali									
7. Cost	Total: FCFA 12,949 million									
8. Project duration (dd/mm/yy)	Start: 2007 End: 2011									
9. Goal and objectives	Goal: Food security and poverty reduction Obj.: Increase of agricultural productions and incomes									
10. Target beneficiaries	Direct: Producers Secondary: Populations									
11. Project component (activities)	1. Improvement of infrastructure 2. Development of producitons 3. Project management									
12. Expected results (outputs)	1. Additional production 7,400 tons of paddy 2. Creation of 4,900 employments 3. Reduction of the poor (from 75% to 35%)									
13. Inputs										
14. Implementing agency	Leading: Director of OPIB Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: DG / OPIB					e-mail: opibaguineda@yahoo.fr				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Project for the Rehabilitation of the Irrigated Area of Maninkoura (PAPIM)									
3. Project Location	Circle of Yanfolila (Region of Sikasso)									
4. Type of project	1	2								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4	7							
	1. Policy, 2. R & D, 3. Dissemination & Training 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seeds, 10. Other (below specified) 10:									
6. Fund source (Funding agency)	AfDB, Government of Mali									
7. Cost	Total: FCFA 12,156 million									
8. Project duration (dd/mm/yy)	Start: 2002 End: 2008									
9. Goal and objectives	Goal: Strengthening of food security Obj.: Improvement of populations' life standards									
10. Target beneficiaries	Direct: Producers of Maninkoura Secondary: Populations									
11. Project component (activities)	1. Development of Maninkoura Perimeter 2. Construction of the pumping station and rural tracks 3. Construction of socio-economic infrastructures									
12. Expected results (outputs)	1. 1094 ha rehabilitated for a total management 2. Support to OPA 3. Protection of environment									
13. Inputs	1. Manure 2. Seeds									
14. Implementing agency	Leading: Project Management Unit Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Project chief (Selingue Rural Development Office) e-mail:									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Rural Development Project of the Circle of Ansongo (PRODECA)									
3. Project Location	Ansongo (Region of Gao)									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4	7							
	1. Policy, 2. R & D, 3. Dissemination & Training 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seeds, 10. Other (below specified) 10: -----									
6. Fund source (Funding agency)	Banque Africaine de Développement (BAD) Government of Mali									
7. Cost	Total: FCFA 10,173 million									
8. Project duration (dd/mm/yy)	Start: 2001 End: 2007									
9. Goal and objectives	Goal: Contribution to food security Obj.: Increase of animal and agricultural productions, and incomes of producers form the circle of Ansongo									
10. Target beneficiaries	Direct: Producers Secondary: Populations									
11. Project component (activities)	1. Hydro-agricultural development 2. Support to sustainable development 3. Literacy / Training 4. Management Unit									
12. Expected results (outputs)	1. 450 ha rehabilitated (6 PIV) and 2,610 ha rehabilitated (PSC) 2. 40 small irrigated areas for market gardening 3. Research / Development									
13. Inputs	1. Fertilizer 2. Seeds 3. Diesel									
14. Implementing agency	Leading: Project Director Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Chief of the Project e-mail: -									

Mot clé:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Project for the Development of Village Irrigation Areas of GAO (PAPIV)									
3. Project Location	Region of Gao									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4	7							
	1. Policy, 2. R & D, 3. Dissemination & Training 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seeds, 10. Other (below specified) 10:									
6. Fund source (Funding agency)	Arab Bank for Economic Development in Africa (BADEA) Government of Mali									
7. Cost	Total: FCFA 4,645 million									
8. Project duration (dd/mm/yy)	Start: 2005 End: 2007									
9. Goal and objectives	Goal: Poverty prevention Obj.: Development of irrigated areas and improvement of productivity									
10. Target beneficiaries	Direct: Producers Secondary: Populations									
11. Project component (activities)	1. Hydro-agricultural works 2. Necessary infrastructures 3. Agricultural equipments and inputs 4. Agricultural dissemination and operation 5. Consulting service									
12. Expected results (outputs)	1. Development of 16 PIV with a surface of 380 ha 2. Introduction of total water management 3. Improvement of productivity 4. Capacity building of OPA									
13. Inputs	1. Seeds 2. Fertilizer 3. Agricultural equipments									
14. Implementing agency	Leading: Project Director Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Chief of Project e-mail:									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Development of the Faguibine System (MVSF)									
3. Project Location	Circle of Goundam									
4. Type of project	4									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4	10							
	1. Policy, 2. R & D, 3. Dissemination & Training 4. Production, 5. Marketing 10: Protection of environment									
6. Fund source (Funding agency)	Government of Mali									
7. Cost	Total: FCFA 13,000 million									
8. Project duration (dd/mm/yy)	Start: 2006 End: 2008									
9. Goal and objectives	Goal: Development and protection of faguibine system Obj.: To ensure the advice to producers To promote the emergence of OPA To conduct actions for environmental protection									
10. Target beneficiaries	Direct: Populations of the Lake Faguibine Secondary:									
11. Project component (activities)	1. Development and management of water resources 2. Development of animal and plant productions 3. Opening-up 4. Institutional strengthening									
12. Expected results (outputs)	1. Increase of production and productivity 2. Capacity building of OPA 3. Integration of agriculture and livestock farming									
13. Inputs	1. Seeds 2. Manure 3. Generators									
14. Implementing agency	Leading: Project Director Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Director of Project					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali										
2. Title (Full name)	Study of the Integrated Rural Development Program of Djenné circle										
3. Project Location	Circle of Djenné (Region of Mopti)										
4. Type of project	<table border="1"> <tr> <td>1</td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector</p>	1									
1											
5. Fields covered (multiple selection)	<table border="1"> <tr> <td>10</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Dissemination & Training 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seeds, 10. Other (below specified)</p> <p>10: Preparation of the round table of donors</p>	10									
10											
6. Fund source (Funding agency)	AfDB, Government of Mali										
7. Cost	Total: FCFA 957 million										
8. Project duration (dd/mm/yy)	Start: 2004 End: 2006										
9. Goal and objectives	Goal: Poverty Reduction Obj.: Preparation of the round table of donors Elaboration of DAO of infrastructures										
10. Target beneficiaries	Direct: Populations of the internal basin of Bani Secondary:										
11. Project component (activities)	1. Updating of the master plan (Phase I) 2. Execution of the feasibility studies										
12. Expected results (outputs)	1. Finalization of Phase I 2. Elaboration of DAO of infrastructures										
13. Inputs											
14. Implementing agency	Leading: Project Manager Cooperate:										
15. Status of the project	<table border="1"> <tr> <td>3</td> <td>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</td> </tr> </table>	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed										
16. Issues/problems											
17. Person in charge	Name: Chief of the project e-mail:										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Agricultural Development Project of the Niger River Valley (PDAVFN)									
3. Project Location	Circle of Niono and Macina (Region of Ségou)									
4. Type of project	1	2								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	1	7								
	1. Policy, 2. R & D, 3. Dissemination & Training 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seeds, 10. Other (below specified) 10:									
6. Fund source (Funding agency)	IsDB, Government of Mali									
7. Cost	Total: FCFA 5,747 million									
8. Project duration (dd/mm/yy)	Start: 1999 End: 2008									
9. Goal and objectives	Goal: Poverty prevention, food self-sufficiency Obj.: Improvement of the populations' life standards Creation of job and incomes generating activities									
10. Target beneficiaries	Direct: 583 families in the intervention area Secondary: Populations									
11. Project component (activities)	1. Development of 1,200 ha 2. Construction of socio-economic infrastructures (warehouse, CSCOM, scborehole)									
12. Expected results (outputs)	1. Production of 9,500 tons of paddy annually 2. Creation agricultural employments 3. Development of incomes generating activities									
13. Inputs										
14. Implementing agency	Leading: Office of Niger Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: PDG Office du Niger e-mail:									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Project for the Development of the San West Plain (PAPSO)									
3. Project Location	San (Region of Ségou)									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	4	7								
	1. Policy, 2. R & D, 3. Dissemination & Training 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seeds, 10. Other (below specified) 10:									
6. Fund source (Funding agency)	Luxenburg, Government of Mali									
7. Cost	Total: FCFA 5,167 million									
8. Project duration (dd/mm/yy)	Start: 2004 End: 2008									
9. Goal and objectives	Goal: Improvement of food security and poverty alleviation Obj.: Sustainable improvement of the production and the producers' incomes in the plain San-West									
10. Target beneficiaries	Direct: Producers Secondary: Populations									
11. Project component (activities)	1. Rehabilitation for a total water management 2. Improvement of managed submersion (casier B) 3. Improvement of the circulation network 4. Construction of office for ARPASO									
12. Expected results (outputs)	1. Extension of the hydro-agricultural rehabilitations 2. Job creation 3. Reduction of rural exodus									
13. Inputs	1. Manure 2. Seeds 3. Fuel for big pumping engines									
14. Implementing agency	Leading: ARPASO Cooperate: Technical Service of Agriculture									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: ARPASO					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Supporting Program to the Agricultural Sector of Mali (PASAM)									
3. Project Location	Region of Mopti, circles of Ténénou, Touwarou, Bandiagara and Douentza									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	1	10								
	1. Policy, 2. R & D, 3. Dissemination & Training 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seeds, 10. Other (below specified) ----- 10: Capacity Development, Rural infrastructure									
6. Fund source (Funding agency)	Danish Cooperation, Government of Mali									
7. Cost	Total: FCFA 16,300 million									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2012									
9. Goal and objectives	<p>Goal: To contribute to the achievement of the objectives of the Strategic Framework for Growth and Poverty Reduction (CSCR) and the Law of Orientation especially agricultural growth and poverty reduction in rural area.</p> <p>Obj.:</p> <ol style="list-style-type: none"> 1. The capacities of the various institutions of the agricultural sector to implement the Law of Agricultural Orientation to integrate in the process of institutional reforms of Mali are strengthened. 2. The accessibility, the increase of production, marketing and exporting of agricultural products in the wide sense are improved through the construction and the maintenance of basic infrastructures and rehabilitation. 3. Some conditions favorable to a sustainable increase of productions and incomes of rural producers, at the beginning stage, during and at the final stage of fish and agri-sylvo-pastoral production are created. 									
10. Target beneficiaries	<p>Direct:</p> <p>Secondary:</p>									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Institutional development 2. Rural Infrastructures 3. Local development 									
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. Capacity building at the regional and central of MA and MEP 2. Rehabilitation of soil roads, of marketing infrastructures and rural markets 3. Pastoral and hydro-agricultural development, and reforestations 4. Improvement of natural resources management 5. Strengthening of fish and agripastoral production 									
13. Inputs										
14. Implementing agency	<p>Leading: Ministry of Agriculture</p> <p>Cooperate:</p>									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Claude Moret					e-mail: claudemoret@yahoo.fr				

Address s/c CPS/SDR; BP 2357, Bamako
tel 221-4499/221-7220
fax 221-5920

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Project of Integrated Initiatives for the Economic Growth of Mali (IICEM)									
3. Project Location										
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4	5	7	9	10				
	1. Policy, 2. R & D, 3. Dissemination & Training 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seeds, 10. Other (below specified) 10: Natural resource management									
6. Fund source (Funding agency)	USAID									
7. Cost	Total: USD 10 million									
8. Project duration (dd/mm/yy)	Start: 2007 End: 2010									
9. Goal and objectives	Goal: Promote more competitive, prosperous, and sustainable agricultural and rural sectors in developing countries. Obj.: Improving efficiency in five key value chains: rice, potatoes, mangoes, tomatoes, and shallots.									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Rehabilitating irrigation systems to intensify agricultural production 2. Working with local banks and financial institutions to create appropriate linking mechanisms 3. Improving access and strengthening markets for targeted producer and trader groups 4. Introducing improved technologies in all agricultural sectors 5. Training village associations about sustainable practices for environmental and natural resource management and biodiversity conservation 6. Improving the enabling environment for the agricultural sector to enhance export and trade 7. Integrating agricultural activities and programs in arid Northern Mali into the mainstream 									
12. Expected results (outputs)	Disseminated high yield rice seeds for up to 2,000 ha in year one and up to 20,000 ha in year two and three									
13. Inputs										
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Mali North Programme									
3. Project Location	Northern Mali (Tombouctou region)									
4. Type of project	1	3								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	1	10								
	1. Politique, 2. R & D, 3. vulgarisation & formation, 4. Production, 5. Marketing 6. Post-récolte, 7. Irrigation, 8. Crédit, 9. Semences, 10. Autre (spécifier au dessous) 10: Post-war reconstruction									
6. Fund source (Funding agency)	KfW, GTZ									
7. Cost	Total: unknown									
8. Project duration (dd/mm/yy)	Start: 1994 End: 2009									
9. Goal and objectives	Goal: Reconstruction and peace building of the civil-war affected area Obj.: Restore basic socio-economic environment for local people to re-settle Support of political stability by promoting local self-government									
10. Target beneficiaries	Direct: Local people affected by civil war Secondary: Local self-government									
11. Project component (activities)	1. Identification and redulction of the potential for conflict 2. Involvement of local people in political decision-making 3. Rehabilitation of socio-economic infrastructure 4. Construction of small irrigation system along the Niger River valley. 5. Promotion of establishing banks for saving and credit									
12. Expected results (outputs)	1. Some 100,000 people have returned to their place of origin 2. 80 public buildings including schools and hospitals have either been newly built or wholly restored in 45 rural communities 3. 200 open dug wells and 13 water supply plants have been built. 4. Around 30,000 smallholders cultivate crops with irrigation, feeding over 150,000 people with produced rice									
13. Inputs										
14. Implementing agency	Leading: Ministry of Environment Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail: hermann.grell@gtz.de				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Program of Support to the Community Irrigation Sub-sector (PASSIP)									
3. Project Location	Nationwide									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	1	7								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10:									
6. Fund source (Funding agency)	GTZ									
7. Cost	Total:									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2009									
9. Goal and objectives	Goal: Support for formulation of PNIP Obj.:									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)										
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mali									
2. Title (Full name)	Food Security Program in the Southern Zone of PIC 2									
3. Project Location	Regions of Sikasso and Ségou									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	4	7								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below)									
	10:									
6. Fund source (Funding agency)	Luxemburg									
7. Cost	Total:									
8. Project duration (dd/mm/yy)	Start: 2009									
	End: 2011									
9. Goal and objectives	Goal:									
	Obj.:									
10. Target beneficiaries	Direct:									
	Secondary:									
11. Project component (activities)										
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading:									
	Cooperate:									
15. Status of the project	1	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

2.7 Mozambique

- MZ-1 Market-led smallholder development in the Zambezi Valley Project
- MZ-2 Sustainable Irrigation Development Project
- MZ-3 Strategic planning for irrigation in Mozambique
- MZ-4 Pungué Basin Integrated Water Resources Management and Development Program (PP)
- MZ-5 Pungué Basin Integrated Water Resources Management and Development Program - Phase 2 (PP2)
- MZ-6 MOSFED
- MZ-7 Agricultural Support Programme (PROAGRI)
- MZ-8 Small Scale Irrigation Project (SSIP)
- MZ-9 Massingir Dam and Smallholder Agricultural Rehabilitation Project (Supplementary Loan)
- MZ-10 Integrated Agricultural Development Project (PIDA)
- MZ-11 The Integrated Agricultural Development Project for Small Scale Farmers in Chokwe Irrigation Scheme
- MZ-12 Rehabilitation of secondary and tertiary canals of the Chokwe Irrigation Scheme
- MZ-13 Project for the Rice Production Promotion in Nante Area in the Zambezia Province
- MZ-14 Save Valley Irrigation Development Project
- MZ-15 EC Support to Drought Mitigation Plan for Gaza and Inhambane
- MZ-16 Drought Mitigation Plan for Gaza and Inhambane
- MZ-17 Development Strategy for the Rice Sector in Mozambique

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mozambique									
2. Title (Full name)	Market-led smallholder development in the Zambezi Valley Project									
3. Project Location	Mutarara district, Tete Province; Morrumbala and Mopeia districts, Zambezia Province; and Maringue and Chemba in Sofala Province									
4. Type of project	2	1								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4	5	6						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	IDA (loan) GEF (grant)									
7. Cost	Total: USD 26.7 million IDA: USD 20 million; GEF: USD 6.7 million									
8. Project duration (dd/mm/yy)	Start: 2007 End: 2013									
9. Goal and objectives	Goal: contribute to improved food security and poverty reduction, and to a substantial reduction in the levels of absolute poverty Obj.: to increase the income of smallholder farmers in selected districts of the Zambezi Valley region of central Mozambique to limit land degradation, provide predictive capacity for assessing vulnerabilities to climate change to improve the ecosystem's resilience towards climate change in the Central Zambezi Valley									
10. Target beneficiaries	Direct: small scale farmers in the target areas Secondary:									
11. Project component (activities)	1. the mobilization and support of groups formed of small producers and other supply chain participants in such areas as marketing, savings and credit, agribusiness development, as well as the strengthening of district level agricultural institutions 2. use of improved seeds, fertilizer and pesticides, better soil conservation and planting methods, small-scale irrigation and animal traction, support for private veterinary service provision, improved handling of post harvest products from harvest to sale, including better storage. 3. local road spot improvements, bridges at strategic points, markets and small gravity irrigation schemes (irrigation schemes would be operated and maintained by recipient communities) 4. support for private enterprise development activities of groups and individuals, such as on-farm irrigation, agricultural production, post-harvest handling and small processing activities.									
12. Expected results (outputs)	1. community based interest groups, including saving and credit groups, are able to define their own needs and priorities and act upon them, as well as greater capacity among local institutions to support such groups. 2. strengthened district extension services and active groups engaged in the validation and adoption of improved technologies and entering into close links with other supply chain participants. 3. improved smallholder capacity, improved agricultural production, increase in agro-processing activities and in the marketing of a broader variety of products.									
13. Inputs										
14. Implementing agency	Leading: Ministry of Planning and Development Cooperate:									
15. Status of the	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Bairroda Maxaquene e-mail: dndr1@tvcabo.co.mz									

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Source: Appraisal report

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mozambique									
2. Title (Full name)	Sustainable Irrigation Development Project									
3. Project Location	Sofala and Manica provinces									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4	5	7	10					
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. value chain									
6. Fund source (Funding agency)	WB									
7. Cost	Total: USD 50 million									
8. Project duration (dd/mm/yy)	Start: 2010 End: 2016									
9. Goal and objectives	Goal: an increase in the agricultural production of food and high-value crops, as well as to an increase in the income of smallholders. Obj.: to increase the irrigated area in the targeted Provinces to enhance agricultural productivity on smallholder farms for selected food and high-value crops.									
10. Target beneficiaries	Direct: small farmers and outgrowers Secondary: service providers (traders, agro-processing, micro credit, etc.)									
11. Project component (activities)	1. Institutional Support and Capacity Development 2. Market-led Production and Value Chain Development 3. Investing in Irrigation Systems and Support Infrastructure (2,500 ha for rice, 2,000 ha for horticulture, and 500 ha for outgrowers) 4. Project Management.									
12. Expected results (outputs)	1. strengthen the policy environment and institutional capacities for sustainable development and management of irrigated agriculture 2. facilitate production and market linkages through the appropriate use of technologies, varieties, inputs and post-harvest handling, as well as access to finance 3. develop the infrastructure required to increase the productivity and profitability of irrigated agriculture 4. coordinate and monitor project activities and manage financial and human resources in an efficient and results-oriented manner									
13. Inputs										
14. Implementing agency	Leading: Ministry of Agriculture, National Directorate of Agrarian Services Cooperate: IRRI, Wageningen university (provisional)									
15. Status of the	1	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Patrick Verissimo					e-mail: pverissimo@worldbank.org				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mozambique									
2. Title (Full name)	Strategic planning for irrigation in Mozambique									
3. Project Location	Nationwide									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	1	7								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. -----									
6. Fund source (Funding agency)	EC									
7. Cost	Total: USD 416,581									
8. Project duration (dd/mm/yy)	Start: 2007 End: 2009									
9. Goal and objectives	Goal: Obj.: generate and support demand driven irrigation investment provide reliable and cost-effective irrigation services promote and enabling environment for progressive commercialisation.									
10. Target beneficiaries	Direct: MINAG Secondary: small holder farmers									
11. Project component (activities)	1. maintain the productive value of existing operational irrigation schemes 2. rehabilitation of inactive irrigation infrastructure, particularly where quick wins can be gained 3. construction of new public irrigation schemes in areas with high agronomic and economic potential (particularly in relation to urban area and market promotion of private sector irrigation schemes 4.									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: MINAG, EC, FAO Cooperate:									
15. Status of the	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mozambique									
2. Title (Full name)	Pungué Basin Integrated Water Resources Management and Development Program (PP)									
3. Project Location	Sofala and Monica Provinces									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	1	10								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Water resources management study									
6. Fund source (Funding agency)	SIDA									
7. Cost	Total: EUR 426,000									
8. Project duration (dd/mm/yy)	Start: 2002 End: 2006									
9. Goal and objectives	Goal: develop a basin-wide water development and management strategy for the transboundary Pungue basin Obj.: Designing and implementing a strategy for creating stakeholder participation in the development and management of water resources in the Pungue basin									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	1. conceptual design of the project's stakeholder participation component 2. a basin-wide inventory of stakeholders 3. mobilization of the stakeholders to participate in project activities and in the Pungue Basin Committee of Stakeholders 4. design and production of information brochures and newsletters 5. design and programming of a stakeholder database and training of counterparts in its use 6. conducting workshops with stakeholders and clients 7. facilitating interaction between the consultants' team and the stakeholders									
12. Expected results (outputs)										
13. Inputs	1. Institutional Capacity Building and 2. Stakeholder Participation Facilitator, and GIS/Database/Website 3. Specialist 4. Project Manager, Water Demand Specialist, Water Resources 5. Specialist, Institutional Development Specialist									
14. Implementing agency	Leading: ARA-Centro (Regional Water Administration) under the National Directorate of Water (DNA/MOPH) Cooperate:									
15. Status of the	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mozambique										
2. Title (Full name)	Pungué Basin Integrated Water Resources Management and Development Program - Phase 2 (PP2)										
3. Project Location	Sofala and Monica Provinces										
4. Type of project	<table border="1"> <tr> <td>1</td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector</p>	1									
1											
5. Fields covered (multiple selection)	<table border="1"> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Water resources management study</p>	1									
1											
6. Fund source (Funding agency)	SIDA										
7. Cost	Total:										
8. Project duration (dd/mm/yy)	Start: 2008 End: 2012										
9. Goal and objectives	<p>Goal: develop a basin-wide water development and management strategy for the transboundary Pungue basin</p> <p>Obj.: Designing and implementing a strategy for creating stakeholder participation in the development and management of water resources in the Pungue basin</p>										
10. Target beneficiaries	<p>Direct:</p> <p>Secondary:</p>										
11. Project component (activities)	<ol style="list-style-type: none"> Develop a strategy of small and medium dam Assess and prioritize small and medium dams for the development of the Pungué river basin Identify the technical studies pre-required for investment 										
12. Expected results (outputs)											
13. Inputs	<ol style="list-style-type: none"> Consultants Equipment for the study 										
14. Implementing agency	<p>Leading: ARA-Centro (Regional Water Administration) under the National Directorate of Water (DNA/MOPH)</p> <p>Cooperate:</p>										
15. Status of the	<table border="1"> <tr> <td>3</td> <td>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</td> </tr> </table>	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed										
16. Issues/problems											
17. Person in charge	Name: _____ e-mail: _____										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mozambique									
2. Title (Full name)	MOSFED									
3. Project Location	Chokwe, Gaza province									
4. Type of project	5									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	4	5	7							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	MOSFED									
7. Cost	Total:									
8. Project duration (dd/mm/yy)	Start:									
	End:									
9. Goal and objectives	Goal:									
	Obj.:									
10. Target beneficiaries	Direct:									
	Secondary:									
11. Project component (activities)	1. Rice production (500 ha) 2. milk production 3. sugar production									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading:									
	Cooperate:									
15. Status of the	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mozambique									
2. Title (Full name)	Agricultural Support Programme									
3. Project Location	nationwide									
4. Type of project	1	2								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	2	3								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	Common basket (IFAD, EC, Irish, Denmark, Sweden, Canada, Austria, Finland)									
7. Cost	Total: USD 50.8 million IFAD: 20 million USD, Other doners: 30.07 million USD; Enterprises and beneficiaries: 0.756 million									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2016									
9. Goal and objectives	Goal: to contribute to absolute poverty reduction and improve the quality of life of rural Mozambican men and women. Obj.: to increase returns and improve the household food security of subsistence farmers, particularly among female-headed and disadvantaged households, through a steady rise in production efficiency to ensure: wider access to effective technical support services, better organized producer groups influencing the supply of services, and demand-driven delivery of support services									
10. Target beneficiaries	Direct: small farmers (140,000) Secondary:									
11. Project component (activities)	1. training, workshops, annual planning for government (administration) staff 2. institutional building and start-up support of local NGOs as rural service providers 3. organizing farmers groups and training on entrepreneurship 4. agricultural service delivery (extension)									
12. Expected results (outputs)	1. introducing low-cost techniques and technologies that will help raise productivity for crop and livestock farmers 2. broadening access to technical support services 3. helping establish farmers' organizations 4. building capacity within the agricultural sector									
13. Inputs	1. Vehicles 2. Equipment for communication									
14. Implementing agency	Leading: Ministry of Agriculture Cooperate:									
15. Status of the	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Alessandro Marini e-mail: a.marini@ifad.org									

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Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mozambique									
2. Title (Full name)	Small Scale Irrigation Project (SSIP)									
3. Project Location	Maputo, Sofala and Zambezia Provinces									
4. Type of project	2	3								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4	7							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	AfDB (ADF loan, TAF grant) GOM beneficiaries									
7. Cost	Total: USD 20.5 million ADF: USD 16.5 million, TAF:USD 1.6 million, GOM: USD 2.2 million, Beneficiaries: USD 0.2 million									
8. Project duration (dd/mm/yy)	Start: 1999 End: 2010 (originally up to 2005)									
9. Goal and objectives	Goal: to achieve a sustainable increase in household income and food security in the Obj.: to improve agricultural production and productivity by smallholders in three									
10. Target beneficiaries	Direct: small farm households (4,000) Secondary: project staff									
11. Project component (activities)	1. Irrigation development (equip schemes, establish motor pump, rehabilitate access road, credit) 2. Agricultural technology transfer (extension equipment/extension materials) 3. Direct support to farmers (campaign and workshops, farmers organizing, facilitating credit provision, market information) 4. Management operation (project coordination facilities and management facilities) 5. Institutional capacity building (studies, training, equipment, market facilities for women)									
12. Expected results (outputs)	1. Small scale irrigation schemes developed (650 schemes with 2,500 ha) 2. Farmers associations established (190 associations) 3. Appropriate technologies for crop production, diversification, productivity developed (4,000 farm households) 4. Rural credit facilities and service delivery established (4,000 farm households) 5. Institutional capacity strengthened (62 staff)									
13. Inputs	1. Irrigation equipment 2. Vehicles and motorcycles 3. Civil works, small farm equipment, office equipment and furniture 4. Technical assistance and short term consultants									
14. Implementing agency	Leading: Ministry of Agriculture Cooperate:									
15. Status of the	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mozambique
2. Title (Full name)	Massingir Dam and Smallholder Agricultural Rehabilitation Project (Supplementary Loan)
3. Project Location	Gaza province
4. Type of project	2 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Fields covered (multiple selection)	4 7 10 1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Dam rehabilitation
6. Fund source (Funding agency)	AfDB GOM
7. Cost	Total: USD 28.46 million AfDB: USD 25.61 million, GOM: USD 2.85 million
8. Project duration (dd/mm/yy)	Start: 2006 End: 2010
9. Goal and objectives	Goal: Contribution to GDP growth and poverty reduction in Mozambique Obj.: Improve operational efficiency of Massingir Dam to a sustainable level to facilitate the productive capacity of smallholders Rehabilitate and reconstruct the Xai Xai irrigation scheme: (pump stations, drainage collectors and irrigation canals)
10. Target beneficiaries	Direct: People around and downstream from dam Secondary: Farmers at Xai Xai
11. Project component (activities)	1. Massingir Dam is rehabilitated 2. Irrigation and drainage system of Xai Xai area is constructed/rehabilitated 3. Farmland is rehabilitated 4. Feeder road is constructed 5. Environment conservation measures are taken
12. Expected results (outputs)	1. Restore dam storage capacity to 2,480 MCM 2. Increase irrigated area from dam to downstream area to 40,000 ha. 3. Increase agricultural crop production and improve farming practices 4. Increase smallholders net income from 15,000 MZN to 45,000 MZN and commercial farmers from 45,000 MZN to 300,000 MZN
13. Inputs	
14. Implementing agency	Leading: National Directorate of Water (DNA) Cooperate: Regional Water Administration (ARA-SUL) as project management unit
15. Status of the	3 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
16. Issues/problems	Initial loan agreement was concluded in 1993 at a total cost of 61.0 million UA, of which AfDB shared 55.0 million UA. The project was delayed with various reasons and affected by disastrous flood in 2000.
17. Person in charge	Name: e-mail:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mozambique									
2. Title (Full name)	Integrated Agricultural Development Project (PIDA)									
3. Project Location	Sofala, Manica and Maputo provinces									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4	5	7						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. rural infrastructure									
6. Fund source (Funding agency)	Italian Government									
7. Cost	Total:									
8. Project duration (dd/mm/yy)	Start: End: 2007									
9. Goal and objectives	Goal: Obj.:									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)										
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Cooperate:									
15. Status of the	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mozambique										
2. Title (Full name)	The Integrated Agricultural Development Project for Small Scale Farmers in Chokwe Irrigation Scheme										
3. Project Location	Chokwe, Gaza Province										
4. Type of project	3										
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector										
5. Fields covered (multiple selection)	1	2	3	4	5	6	7	8	9		
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.										
6. Fund source (Funding agency)	JICA										
7. Cost	Total: USD 3,350,000										
8. Project duration (dd/mm/yy)	Start: 03/2007 End: 03/2010										
9. Goal and objectives	Goal: Small-scale farmers' income in Chokwe Irrigation Scheme is improved. Obj.: Agricultural production by small scale farmers in the target area in Chokwe Irrigation Scheme is increased.										
10. Target beneficiaries	Direct: Extension workers, model farmers Secondary: Small scale rice farmers in the project area, Rice farmers in Mozambique										
11. Project component (activities)	<ul style="list-style-type: none"> 0. Conduct a baseline survey 1.-1 Train extension workers in agricultural technology 1.-2 Establish model farm(s) 1.-3 Promote animal traction 1.-4 Strengthen capacity of EAC 1.-5 Examine and establish rice cultivation techniques for small scale farmers 1.-6 Examine and improve up-land crop cultivation techniques for small scale farmers 1.-7 Improve rice seed multiplication techniques 2.-1 Conduct survey(s) on management of the irrigation facilities 2.-2 Rehabilitate canals in model plots 2.-3 Prepare manuals on irrigation facility management and water supply management 2.-4 Train HICEP personnel and leaders of model water user associations in use and management of canals 2.-5 Monitor management of irrigation facility and water supply in the target area 3.-1 Review existing farming support activities (AFD, IFAD, NGO(s), etc) 3.-2 Train farming support groups of model WUAs 3.-3 Carry out farming support activities by extension workers and WUAs 3.-4 Monitor farming system support activities conducted by extension staff and model WUAs 4.-1 Hold periodic meetings to mutually review activities of EAC, SDAE and HICEP 4.-2 Conduct workshops for reinforcing the collaboration among EAC, SDAE and HICEP 4.-3 Conduct activities to promote collaboration among SDAE, EAC, and HICEP, and strengthen the extension system 4.-4 Monitor collaboration among SDAE, EAC, and HICEP 4.-5 Prepare action plan for agricultural production through collaboration among SDAE, EAC, and HICEP 4.-6 Carry out each activity conducted by EAC, SDAE and HICEP, according to the action Plan 										
12. Expected results (outputs)	<ul style="list-style-type: none"> 1. Techniques for small scale farmers in the target area are improved. 2. Management of irrigation facilities and water use in the target area is improved. 3. Farming support activities provided by extension officers for small scale farmers in the target area are strengthened. 4. Collaboration among SDAE, EAC, and HICEP is strengthened. 										
13. Inputs	<ul style="list-style-type: none"> 1. JICA experts; Chief Advisor/Extension/Training, Agronomy, Irrigation and Water Management, Coordinator, and short term Experts 2. Training for counterparts both on site and in Japan 3. Equipment necessary for the Project (Vehicle, Rice mills, Small pumps, etc.) 										
14. Implementing agency	Leading: JICA Cooperate: National Agricultural Research Organization(NARO)										
15. Status of the	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed									
16. Issues/problems											
17. Person in charge	Name: Jun HIRASHIMA e-mail: Hirashima.jun@jica.go.jp										

Key Word: Irrigation, agricultural technology, water supply management

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mozambique									
2. Title (Full name)	Rehabilitation of secondary and tertiary canals of the Chokwe Irrigation Scheme									
3. Project Location	Gaza province									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	7									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. -----									
6. Fund source (Funding agency)	BID									
7. Cost	Total: USD 12.87 million (BID: USD 11.51 M; GOM: USD 1.36 M)									
8. Project duration (dd/mm/yy)	Start: 2008 End:									
9. Goal and objectives	Goal: Production of irrigated crops increased Obj.: Irrigation area recovered									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	1. Rehabilitation of secondary and tertiary canals 2. training of WUAs									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: HICEP Cooperate:									
15. Status of the	2	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mozambique									
2. Title (Full name)	Project for the Rice Production Promotion in Nante Area in the Zambezia Province									
3. Project Location	Quilimane, Zambezia province									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	2	3	4							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) ----- 10.									
6. Fund source (Funding agency)	JICA									
7. Cost	Total: JPY 400 million									
8. Project duration (dd/mm/yy)	Start: 2010 End: 2015									
9. Goal and objectives	Goal: Strengthen food security Obj.:									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)										
12. Expected results (outputs)										
13. Inputs	Experts (South-south cooperation)									
14. Implementing agency	Leading: Cooperate:									
15. Status of the	2	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mozambique									
2. Title (Full name)	Save Valley Irrigation Development Project									
3. Project Location	Chimunda and Paunda in Inhambane Province in the south									
4. Type of project	1	2								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	4	7	9							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	BADEA, OPEC Fund Government of Mozambique									
7. Cost	Total: USD 19.87 million BADEA: USD 10 million; OPEC Fund: USD 7.96 million; GOM: USD 1.91 million									
8. Project duration (dd/mm/yy)	Start: 2009 End: 2012									
9. Goal and objectives	Goal: Obj.: To construct irrigation schemes									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Construction of three irrigation schemes, each of which will cover 1,000 ha; 2. Procurement of equipment such as electric pumps and generators, as well as maintenance equipment and agricultural machinery; 3. Construction of pumping stations, access roads and bridges 4. Establishment of a rural credit scheme; 5. Consultancy services 									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Ministry of Agriculture Cooperate:									
15. Status of the project	2	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mozambique
2. Title (Full name)	EC Support to Drought Mitigation Plan for Gaza and Inhambane
3. Project Location	Gaza and Inhambane provinces
4. Type of project	3 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Fields covered (multiple selection)	10 1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Study
6. Fund source (Funding agency)	EC
7. Cost	Total:
8. Project duration (dd/mm/yy)	Start: 2006 End: 2006
9. Goal and objectives	Goal: Obj.: To prepare a Drought Mitigation Program including the following: 1. A draft Agriculture and Livestock Drought Mitigation Plan for the most vulnerable Districts in each of the two Provinces 2. A draft Implementation Plan to execute the Drought Mitigation Plan with the assistance provided by the EC investment projects. 3. A proposal for technical assistance and capacity building in order to equip the agrarian directorate and the two provinces and Districts with the necessary expertise and means to implement the Drought Mitigation Plan.
10. Target beneficiaries	Direct: Secondary:
11. Project component (activities)	
12. Expected results (outputs)	1. Drought mitigation plan 2. A set of measures to promote farming techniques and appropriate technologies which are adapted to these adverse climatic conditions is proposed
13. Inputs	
14. Implementing agency	Leading: FAO Cooperate:
15. Status of the project	4 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
16. Issues/problems	
17. Person in charge	Name: e-mail:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mozambique										
2. Title (Full name)	Drought Mitigation Plan for Gaza and Inhambane										
3. Project Location	Gaza and Inhambane provinces										
4. Type of project	<table border="1"> <tr> <td>2</td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector</p>	2									
2											
5. Fields covered (multiple selection)	<table border="1"> <tr> <td>2</td> <td>3</td> <td>4</td> <td>7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.</p>	2	3	4	7						
2	3	4	7								
6. Fund source (Funding agency)	EC										
7. Cost	Total: USD 15.862 million										
8. Project duration (dd/mm/yy)	Start: Not decided End:										
9. Goal and objectives	<p>Goal: To improve the food security situation and alleviate poverty amongst the rural population of Gaza and Inhambane Province</p> <p>Obj.: To raise the living standards of the farming population in the selected Districts by increasing agricultural cash crop production and farm incomes through a strategy of:</p> <p>a) Rehabilitation, upgrading and development of new water infrastructure for agriculture and livestock; and</p> <p>b) Capacity strengthening among national implementing and support agencies concerned and farmer organizations.</p>										
10. Target beneficiaries	Direct: Secondary:										
11. Project component (activities)	<ol style="list-style-type: none"> 1. Rehabilitation and upgrading of existing small scale water infrastructure. 2. Development of new water related infrastructural projects 3. Technical Assistance for capacity building for Government agencies and farmers. 4. Regional Experimental and Testing Centers for new irrigation methods and technologies, new crops and new growing techniques. 										
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. Mitigation of drought vulnerabilities 2. Increased access to water and reliability of water supply for both, agriculture and livestock 3. Institutional strengthening, at the National, Provincial and District levels 4. Improvement of water use efficiencies 										
13. Inputs											
14. Implementing agency	Leading: MINAG Cooperate:										
15. Status of the project	<table border="1"> <tr> <td>1</td> <td></td> <td></td> </tr> </table> <p>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</p>	1									
1											
16. Issues/problems											
17. Person in charge	Name: e-mail:										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Mozambique										
2. Title (Full name)	Development Strategy for the Rice Sector in Mozambique										
3. Project Location	Nationwide										
4. Type of project	<table border="1"> <tr> <td>1</td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private</p>	1									
1											
5. Fields covered (multiple selection)	<table border="1"> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.</p>	1									
1											
6. Fund source (Funding agency)	Italian Government										
7. Cost	Total:										
8. Project duration (dd/mm/yy)	Start: End: 2005										
9. Goal and objectives	Goal: Development of the rice sector Obj.: To asses the rice production system in Mozambique To review current government policies and institutions related to the rice sector Evaluate the potential competitiveness of Mozambique's rice sector										
10. Target beneficiaries	Direct: MINAG Secondary:										
11. Project component (activities)	1. Review of the performance of the sector, the policy and institutional context, and summarizes the main arguments for the development of the rice sector 2. Analysis of the main constraints and opportunities in the rice sector 3. Identification of the core problem for the sector development, analyzes the causes and impact of the problem										
12. Expected results (outputs)	1. Elaboration of the key elements of the strategy including its vision, basic principles, impacts, outputs, results, targets, activities, and investment 2. Identification of the actors responsible for implementation of the strategy 3. Indication of a time frame for implementation.										
13. Inputs	1. Consultants										
14. Implementing agency	Leading: Agrifood Consulting International Cooperate:										
15. Status of the	<table border="1"> <tr> <td>4</td> <td>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</td> </tr> </table>	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed										
16. Issues/problems											
17. Person in charge	Name: e-mail:										

2.8 Nigeria

- NG-1 Developing Agri-inputs Market in Nigeria (DAIMINA)
- NG-2 Dissemination of new rice varieties in Nigeria using participatory varietal selection (PVS) approach
- NG-3 National Special Programme for Food Security (NSPFS)
- NG-4 Rice Production, Post-harvest Processing and Marketing Adviser
- NG-5 Second National Fadama Development Project (Fadama II)
- NG-6 Presidential Initiative on Increased Rice Production, Processing and Export
- NG-7 Maximizing Agricultural Revenue and Key Enterprises in Targeted Sites (MARKETS)
- NG-8 Promoting Pro-Poor Opportunities through Commodity and Service Markets (PrOpCom)
- NG-9 Multinational NERICA Rice Dissemination Project
- NG-10 Rice Seed Production
- NG-11 National Programme for Food Security (NPFS)
- NG-12 Rehabilitation of Small-scale Irrigation Schemes
- NG-13 Construction of Rice Processing Complex in Nigeria
- NG-14 Rice Processing Intervention Fund
- NG-15 Breeding for High-yielding Stable Drought Tolerant Rice and Provision of Quality Seeds of Rice for Poor Resource Farmers in Nigeria
- NG-16 Targeting Drought-avoidance Root Traits to Enhance Rice Productivity under Water-limited Environments
- NG-17 Third National Fadama Development Project (Fadama III)
- NG-18 Commercial Agricultural Development Project (CARD)
- NG-19 Improvement of Drought and Submergence Tolerance of Rice in Africa, including NERICA

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Nigeria									
2. Title (Full name)	Developing Agri-inputs Market in Nigeria (DAIMINA)									
3. Project Location	Bauchi and Kano States and FCT									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	1	5								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	USAID									
7. Budget	USD 3.754 million									
8. Project duration (dd/mm/yy)	Start: 2001 End: 2004									
9. Goal and objectives	Goal: Food security enhancement through strengthening the agricultural inputs Obj.: To strengthen market information system and capacity building in the private sector.									
10. Target beneficiaries	Direct Agricultural inputs marketers Sec.:									
11. Project component (activities)	1. To reform the policy for agricultural inputs marketing. 2. To build up the capacity of the private sector. 3. To strengthen market information systems. 4. To build up coordination among related institutions and projects.									
12. Expected results (outputs)	1. Amendment of the fertilizer regulations and quality control system legislation and the seed law will be discussed with the Federal Ministry of Agriculture and Water Resources and National Seed Service, respectively. 2. National Agri-inputs dealers association is established. 3. 100 Agri-inputs marketers of Bauch State and FCT are trained. 4. 5 fertilizer demonstration farms are established in Kano State. 5. Agri market information services are strengthened.									
13. Inputs										
14. Implementing agency	USAID through IFDC. Federal Ministry of Agriculture and Water Resources, ADPs (State Agricultural Development Programs)									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Nigeria										
2. Title (Full name)	Dissemination of new rice varieties in Nigeria using participatory varietal selection (PVS) approach										
3. Project Location	Ekiti and Kaduna States										
4. Type of project	<table border="1"> <tr> <td>1</td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector</p>	1									
1											
5. Field of support	<table border="1"> <tr> <td>2</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.</p>	2	3								
2	3										
6. Fund sources (Funding agency)	Gatsby Charitable and Rockefeller Foundations										
7. Budget											
8. Project duration (dd/mm/yy)	Start: 2001 End: 2005										
9. Goal and objectives	Goal: Enhancement of rice production Obj.: Introduction of new rice varieties to farmers and selection of best ones by farmers themselves										
10. Target beneficiaries	Direct Small-holder farmers Sec.:										
11. Project component	Participatory varietal selection (PVS) methodology in selected States										
12. Expected results (outputs)	New varieties are officially released by Government on account of high adoption by farmers.										
13. Inputs											
14. Implementing agency	WARDA-Nigeria										
15. Status of the project	<table border="1"> <tr> <td>4</td> </tr> </table> <p>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</p>	4									
4											
16. Issues/problems	Only a small percent of all rice farmers benefited because of lack of seed of varieties released through PVS. A large scale multiplication of seed is necessary.										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Nigeria									
2. Title (Full name)	National Special Programme for Food Security (NSPFS)									
3. Project Location	Country-wide (FCT and 36 States)									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	10							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Capacity building									
6. Fund sources (Funding agency)	FAO, AfDB, FGN (Federal Government of Nigeria)									
7. Budget	USD 45.2 million									
8. Project duration (dd/mm/yy)	Start: March, 2002 End: 2006									
9. Goal and objectives	<p>Goal: Enhancement of food security and poverty reduction</p> <p>Obj.: i) Assist farmers in achieving their potential for increasing output, productivity and incomes, ii) Strengthen the effectiveness of research and extension services in bringing technology and new farming practices developed by research institutes to the farmers, iii) Concentrate initial effort in pilot areas for maximum effect and ease of replicability, and iv) Train and educate farmers in the effective utilization of available land, water and other resources and facilities to produce food and create employment. Utilize international experience for integrated farming practices in Nigeria, to maximize use of existing facilities and knowledge and to spread benefits to wider areas.</p>									
10. Target beneficiaries	Direct Farmers, research institutes Sec.:									
11. Project component (activities)	<p>1. Development of land for rice cultivation</p> <p>2. Supply and distribution of production inputs for rice</p> <p>3. Capacity building</p>									
12. Expected results (outputs)	<p>1. 95 demonstration farms are established.</p> <p>2. 13,442 ha of land for rice cultivation is developed.</p> <p>3. Production inputs to benefit 12,764 farmers is provided.</p> <p>4. 25,283 agrochemicals and 5,199.11 tons of fertilizer are distributed.</p> <p>5. General training of 9,736 farmers in 655 sessions are carried out.</p>									
13. Inputs										
14. Implementing agency	National Food Reserve Agency, Federal Ministry of Agriculture and Water Resources									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Nigeria									
2. Title (Full name)	Rice Production, Post-harvest Processing and Marketing Adviser									
3. Project Location	12 States: Kaduna, Kano, Nasarawa, Benue, Ebonyi, Lagos, Ogun, Oyo, Kwara, Niger, Kogi, and the Abuja FCT									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	1									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	JICA									
7. Budget	JYN 14.7 million									
8. Project duration (dd/mm/yy)	Start: July, 2007 End: November, 2007									
9. Goal and objectives	Goal: Testing possibility for future technical cooperation on rice Obj.: To survey rice production, post-harvest processing, marketing, trend of rice consumption and so on in Nigeria and its needs for future Japan's cooperation to improve rice business for enhancing food security and poverty reduction.									
10. Target beneficiaries	Direct Sec.:									
11. Project component	Survey									
12. Expected results (outputs)	1. Present situation of rice production, post-harvest processing, marketing, demand for rice consumption in Nigeria and its needs for future possible cooperation by Japan is surveyed. 2. Needs for future Japan's cooperation are clarified and cooperation programs/projects to meet such needs are suggested.									
13. Inputs	One short-term expert									
14. Implementing agency	National Food Reserve Agency, Federal Ministry of Agriculture and Water Resources									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Nigeria									
2. Title (Full name)	Second National Fadama Development Project (Fadama II)									
3. Project Location	Adamawa, Bauchi, Imo, Kaduna, Lagos, Niger, Ogun, Oyo and Taraba States									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	5	10						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Capacity building									
6. Fund sources (Funding agency)	World Bank									
7. Budget	USD 100 million									
8. Project duration (dd/mm/yy)	Start: 2004 End: 2009									
9. Goal and objectives	Goal: Enhancement of food security and poverty reduction Obj.: To sustainably increase the incomes of fadama users---those who depend directly or indirectly on fadama resources (farmers, pastoralists, fishers, hunters, gatherers, and service providers)---through empowering communities to take charge of their own development agenda, and by reducing conflict between fadama users.									
10. Target beneficiaries	Direct Fadama users group Sec.:									
11. Project component (activities)	1. Building capacity of fadama users 2. Demand-driven infrastructure investments 3. Demand-responsive advisory services									
12. Expected results (outputs)	1. Capacity of fadama community associations (FCA) to carry out particularly planning is built up. Local development plans (LDP) on which consensus has been reached with the members of the FCA are developed. 2. Eligible small-scale infrastructure projects specified as priorities in the LDPs are implemented. 3. Advisory services in response to demand of fadama resources users are provide. Linkages between fadama resources users, input suppliers and markets are established. Training, learning events and other activities to promote sharing of knowledge are implemented. Studies to identify new market opportunities are made.									
13. Inputs										
14. Implementing agency	National Food Reserve Agency (NFRA), Federal Ministry of Agriculture and Water Resources									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Nigeria									
2. Title (Full name)	Presidential Initiative on Increased Rice Production, Processing and Export									
3. Project Location	Country-wide (36 States and FCT)									
4. Type of project	4									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	5	6	7	9				
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	Federal Government of Nigeria									
7. Budget	Nigerian Naira 5 billion (WARDA-Nigeria)									
8. Project duration (dd/mm/yy)	Start: 2003 End: to date; 2007 (WARDA-Nigeria)									
9. Goal and objectives	Goal: Enhancement of food security by restoring agricultural sector of the country Obj.: To increase rice production, improve milling quality, promote marketing to provide domestic rice for consumption and to reduce national rice importation. To achieve 15 million mt of rice production from the 3 million ha of consolidated farm lands in 2007.									
10. Target beneficiaries	Direct Farmers, processors and marketers Sec.:									
11. Project component (activities)	<ol style="list-style-type: none"> Production, inputs and crop protection: increase crop area and yield per unit area; improved agronomic practices; strengthening of the extension delivery system; provision of credit to rice farmers from a revolving loan to be deposited as NACRDB (Nigerian Agricultural, Cooperative and Rural Development Bank); effective research support; timely availability of production inputs; use of the R-Box technology which emphasizes minimum tillage and ensure provision of production inputs; etc. Irrigation and land development: rehabilitation of existing large and small scale irrigation schemes; construction of small earth dam particularly through expertise from the South-South Cooperation Initiative. Processing and marketing: improved processing and storage techniques; etc. Project management: strengthening of existing cooperation/farmers groups; etc. (WARDA-Nigeria) Seed production for country-wide cultivation of Upland NERICAs and some <i>Oryza sativa</i> varieties 									
12. Expected results (outputs)	<ol style="list-style-type: none"> 81,505 R-Boxes and 250 units of back-carry sprayers are distributed to 36 States and FCT. Totally about 250 mt of rice seed, including NERICA1, is multiplied by NCRI and WARDA. 58 mt of foundation seed is produced by NSS. Rice farmers and extension experts are trained as trainers for rice production and processing technologies. 10 milling stations are constructed and training for the processing is carried out. (WARDA-Nigeria) NERICAs 1 and 2 are produced on more than 186,410 ha. 									
13. Inputs										
14. Implementing agency	Federal Ministry of Agriculture and Water Resources as a coordination agency. National Seed Service (NSS), National Center for Agricultural Mechanization (ACAM), Agricultural Development Projects (ADPs), National Cereals Research Institute (NCRI), WARDA, Private Sector Institutions, etc.									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	Limited access of farmers to NERICA and <i>Oryza sativa</i> seeds									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Nigeria									
2. Title (Full name)	Promoting Pro-Poor Opportunities through Commodity and Service Markets (PrOpCom)									
3. Project Location	Ofada, Ogun State and Kura, Kano State (for rice)									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	1	2	3	4	5	6	9	10		
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Institution development									
6. Fund sources (Funding agency)	DFID									
7. Budget	GBP 15 million									
8. Project duration (dd/mm/yy)	Start: January, 2005 End: December, 2011									
9. Goal and objectives	Goal: Support in sustainable growth in the non-oil sector through enhanced productivity in agriculture Obj.: To facilitate market-led reform through improvements in selected commodity markets									
10. Target beneficiaries	Direct Rice farmers and marketers Sec.:									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Policy and institutional change - e.g. support to the NESG (Nigeria Economic Summit Group) Rice Network, Rice standards determination working with SON 2. Institution development - support to farmers association, value chain Network 3. Addressing the market failures through value chain analysis 4. Demonstrating practices that will help the poor 5. Agricultural mechanization studies and improvement 6. Dissemination and communication to promote pro-poor change 7. (WARDA-Nigeria) Identification and characterization of Ofada rice varieties; demonstration of use of enclosure netting to prevent bird damage to rice crops 									
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. Formal and informal policies and regulations guiding selected commodity markets is improved in a manner that facilitate market-led and pro-poor outcomes. 2. The lessons derived from enhancing market efficiencies that lead to pro-poor outcomes are communicated to and shape the thinking of stakeholders. 3. Selected commodity markets function more efficiently and have pro-poor outcomes. 4. (WARDA-Nigeria) True identity of Ofada rice becomes available and dissemination and adoption of enclosing netting method is increased. 									
13. Inputs	1. Application of Making Markets Work for the Poor (M4P) approach									
14. Implementing agency	DFID through Chemonics International as the management company. Works with several service providers including WARDA, Rosslund Consulting, etc.									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	Implementing M4P in an uncertain politico-economic environment as Nigeria; low level of investments thus low productivity and competitiveness of Nigerian agriculture; Government distortion of input markets pricing, etc. Lack of proper records of the history of Ofada rice makes its identification uncertain. High cost of netting material. Farmers requested for financial assistance in form of credit facility.									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Nigeria									
2. Title (Full name)	Multinational NERICA Rice Dissemination Project									
3. Project Location	Kaduna, Taraba, Ogun, Ekiti, Ondo and Nasarawa States									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	10								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Capacity building									
6. Fund sources (Funding agency)	African Development Bank									
7. Budget	UA 5.57 million (USD 7.72 million)									
8. Project duration (dd/mm/yy)	Start: 2005 End: 2010									
9. Goal and objectives	Goal: Enhancement of rice production and increase of household income of small farmers Obj.: To support small-scale rice producers to improve production and their household incomes through the transfer of NERICA rice varieties and complementary									
10. Target beneficiaries	Direct About 65,000 smallholder rice farm families Sec.:									
11. Project component (activities)	1. Technology transfer 2. Production support 3. Capacity building 4. Project coordination 5. (WARDA-Nigeria) NERIBOX introductory package: NERICA 1 (FARO 55) 15 kg, complimentary fertilizer, herbicide and insecticide for 1/4 ha 6. (WARDA-Nigeria) Participatory varietal selection (PVS) activities on lowland NERICAs since 2005									
12. Expected results (outputs)	1. Access of small-holder farmers to high yielding rice varieties and complimentary technologies is enhanced. 2. NERICA will be cultivated in 180,000 ha. 3. Production of NERICA rice is increased to 162,000 tons by the end of project life.									
13. Inputs	1. 15 Project staff 2. Financial inputs from AfDB 3. Financial inputs from Federal Government of Nigeria 4. Researchers of WARDA-Nigeria									
14. Implementing agency	National Food Reserve Agency, Federal Ministry of Agriculture and Water Resources WARDA-Nigeria									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	Delay in release of funds by AfDB and Federal Government. Strong demand for NERICA seeds by farmers. Late arrival of NERIBOXES.									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Nigeria									
2. Title (Full name)	Rice Seed Production									
3. Project Location	Southern Borno State (Jirkur Seed Producers Cooperative Society) Five north-western States (Manoma Seeds Ltd.)									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	9									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	AGRA (Grant for Seed Production for Africa)									
7. Budget	USD 172,000 (Jirkur Seed Producers Cooperative Society) USD 148,028 (Manoma Seeds Ltd.)									
8. Project duration (dd/mm/yy)	Start: June, 2008 (Jirkur Seed Producers Cooperative Society) January, 2009 (Manoma Seeds Ltd.) End: May, 2010 (Jirkur Seed Producers Cooperative Society) December, 2010 (Manoma Seeds Ltd.)									
9. Goal and objectives	Goal: Increased food productivity and reduced poverty Obj.: To supply resource-poor smallholder farmers or southern Borno state with improved seeds of maize, RICE, cowpea, and soybean at an affordable price, leading to increased food productivity and reduced poverty.									
10. Target beneficiaries	Direct Resource-poor smallholder farmers Sec.:									
11. Project component	Rice seed production to provide smallholder farmers with affordable price									
12. Expected results (outputs)	Rice seeds become available for resource-poor smallholder farmers.									
13. Inputs										
14. Implementing agency	AGRA through Jirkur Seed Producers Cooperative Society and Manoma Seeds Ltd.									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Nigeria									
2. Title (Full)	National Programme for Food Security (NPFS)									
3. Project	Country-wide (FCT and 36 States)									
4. Type of project	1	2								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	3	4	5	6	7	8	9	10	
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Capacity development									
6. Fund sources (Funding agency)	AfDB, IDB, BADEA, Federal and State Governments, LGCs									
7. Budget	USD 364 million									
8. Project duration (dd/mm/yy)	Start: June 2007 End: June 2012									
9. Goal and objectives	<p>Goal: Enhancement of food security and poverty reduction</p> <p>Obj.: (Expansion phase of National Special Programme for Food Security) i) Assist farmers in achieving their potential for increasing output, productivity and incomes, ii) Strengthen the effectiveness of research and extension services in bringing technology and new farming practices developed by research institutes to the farmers, iii) Concentrate initial effort in pilot areas for maximum effect and ease of replicability, and iv) Train and educate farmers in the effective utilization of available land, water and other resources and facilities to produce food and create employment. Utilize international experience for integrated farming practices in Nigeria, to maximize use of existing facilities and knowledge and to spread benefits to wider areas.</p>									
10. Target beneficiaries	<p>Direct Farmers in all the 36 States and the FCT 70,000 households through site development and : 785,000 via the outreach programme, research institutes</p> <p>Sec.: Operators in charge of marketing and processing, input suppliers</p>									
11. Project component (activities)	<p>1. Land and Water Development: i) water use and control; ii) rural infrastructures (dams) and iii) soil fertility management</p> <p>2. Production Enhancement and Diversification: i) crop intensification; ii) community seed; iii) livestock production and animal health; iv) aquaculture and artisanal fisheries; v) agro-processing; vi) agro-forestry; and vii) strengthening of REFILS (Research-Extension-Farmer-input linkages-Systems)</p> <p>3. Community Development: i) group development, ii) rural finance, iii) marketing and market information system; iv) nutrition and health</p> <p>4. Management support: i) NPFS project management support, ii) planning, monitoring and evaluation, iii) State level coordination, and iv) LGC level coordination</p>									
12. Expected results (outputs)	<p>1. 218 new production/demonstration sites are developed in selected LGAs through the provision of agricultural equipment, inputs and services in addition to the 109 old sites, making a total of 327 sites</p> <p>2. Critical rural services in the project area are improved and access to these services by the farming community is facilitated.</p> <p>3. Community empowerment and group development are fostered and funding for community development projects is provided.</p> <p>4. Expertise and training as well as operational support for programme implementation is provided.</p>									
13. Inputs	FAO and China as technical partners for advisory and support services									
14. Implementing agency	National Food Reserve Agency, Federal Ministry of Agriculture and Water Resources									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16.	Adequate and timely release of counterpart funding at Federal, State and LGC level is the main									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Nigeria									
2. Title (Full name)	Rehabilitation of Small-scale Irrigation Schemes									
3. Project Location	Country-wide (FCT and 36 States)									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	4	5	6	7						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	FAO, Federal Government of Nigeria, China									
7. Budget	USD 22.4 million									
8. Project duration (dd/mm/yy)	Start: March, 2003 End: to date									
9. Goal and objectives	Goal: Enhancement of food security and farmer livelihood Obj.: To achieve food security and to improve agricultural productivity and household income of farmers									
10. Target beneficiaries	Direct Farmers Sec.:									
11. Project component (activities)	1. To development/rehabilitate small-scale irrigation facilities. 2. Technical cooperation for aquaculture, irrigation, agro-processing, mechanization and animal husbandry.									
12. Expected results (outputs)	1. Small-scale irrigation facilities are developed or rehabilitated on the demand of farmers in the 36 States and FCT . 2. Farmers' household income is improved.									
13. Inputs	China sends 524 experts and engineers.									
14. Implementing agency	Federal Ministry of Agriculture and Water Resources under the coordination by FAO									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Nigeria									
2. Title (Full name)	Construction of Rice Processing Complex in Nigeria									
3. Project Location										
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	6									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	KOICA									
7. Budget	USD 1.8 million									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2009									
9. Goal and objectives	Goal: Obj.: To increase rice production and improve milling quality.									
10. Target beneficiaries	Direct Rice processors and farmers Sec.:									
11. Project component (activities)	1. Establishment of modern milling equipment 2. Capacity building for processors, technicians, extension agents etc. 3. Marketing of processed rice at designated centers.									
12. Expected results (outputs)	1. High quality rice is produced. 2. Farmers' production and processing know-how is improved. 3. Farmers' income and standard of living are improved.									
13. Inputs										
14. Implementing agency	National Food Reserve Agency, Federal Ministry of Agriculture and Water Resources									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Nigeria									
2. Title (Full name)	Rice Processing Intervention Fund									
3. Project Location	Country-wide (FCT and 36 States)									
4. Type of project	4									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	5	6								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	Federal Government of Nigeria									
7. Budget	Nigerian Naira 10 billion									
8. Project duration (dd/mm/yy)	Start: End:									
9. Goal and objectives	<p>Goal: Promotion of domestic rice consumption and reduction of national rice importation</p> <p>Obj.: To expand the domestic rice processing capacity by a minimum of one million tonnes per year. To reduce the national import bill on rice, reduce market prices of rice in Nigeria. To stimulate local production for self sufficiency in rice and to create employment opportunities.</p>									
10. Target beneficiaries	Direct Rice processors Sec.:									
11. Project component										
12. Expected results (outputs)	<p>1. Self-sufficiency in rice is achieved.</p> <p>2. Adequate markets for paddy and locally processed rice with improved quality are</p> <p>3. Participation of both private and public sectors in the rice value chain is promoted.</p>									
13. Inputs										
14. Implementing agency	National Food Reserve Agency, Federal Ministry of Agriculture and Water Resources									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Nigeria									
2. Title (Full name)	Breeding for High-yielding Stable Drought Tolerant Rice and Provision of Quality Seeds of Rice for Poor Resource Farmers in Nigeria									
3. Project Location	Abakaliki, Ebonyi State									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	3								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	AGRA									
7. Budget	USD 193,270 (Grant Fund for the Improvement and Adoption of African Crops)									
8. Project duration (dd/mm/yy)	Start: August, 2007 End: August, 2010									
9. Goal and objectives	Goal: Obj.: To develop early, medium and late duration rice varieties, thus, allow flexibility on date of sowing for farmers. To intend to develop plant architectures such as tall plants that will feed into the farming systems of this ecology.									
10. Target beneficiaries	Direct Rice farmers who engage in multiple or mixed and sole cropping Sec.:									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Collection of genetic materials and multiplication 2. Cross-pollination with landraces and materials from collaborators and screening of segregating populations for drought stress 3. On trials and Participatory rice breeding (PRB) 4. On-farm multienvironment trials (METs) 5. Submission of data for the release of identified lines as variety 6. Linkage with seeds companies (National and Private) 7. Training of farmers for community-based seed production system (CBSS) 									
12. Expected results (outputs)	At least 6 varieties of rice will be released and breeder seeds will be produced for seed companies.									
13. Inputs										
14. Implementing agency	Ebonyi State University									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Nigeria									
2. Title (Full name)	Third National Fadama Development Project (Fadama III)									
3. Project Location	Country-wide (FCT and 36 States)									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	5	6	10					
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Capacity building									
6. Fund sources (Funding agency)	World Bank									
7. Budget	USD 250 million									
8. Project duration (dd/mm/yy)	Start: 2009 End: 2014									
9. Goal and objectives	Goal: Increase of food security and poverty reduction Obj.: To increase the incomes of users of rural land and water resources on a sustainable basis by facilitating the demand-driven investments and empowerment of local communities groups and improving productivity and land quality.									
10. Target beneficiaries	Direct Fadama user groups (FUGs) Sec.:									
11. Project component (activities)	1. Capacity building, communications and information support 2. Small-scale community-owned infrastructure 3. Advisory services and input support 4. Support to the ADPs and adaptive research 5. Asset acquisition for individual FUGs/EIGs									
12. Expected results (outputs)	1. Capacity building of community organizations and Local Governments is made. Communication and information support to beneficiary communities in the states are promoted. 2. Infrastructures for improving mutual communications and natural resource management such as feeder and access roads, culverts, small bridges, stock routes, pastures and watering points are developed. 3. Fadama users/pastoralists and other economic interest groups are empowered. Matching grants are arranged. 4. Advisory service providers, facilitators, extension staff are supported to meet established quality standards. Research and on-farm demonstrations are undertaken through entering into a performance based contract with public and private research centers. 5. Fadama user groups acquire the assets for income-generating activities such as value-addition. Existing agricultural systems including non-traditional crops are improved. Economically active FUGs will develop the subproject by obtaining a support of 70% of its total cost. Vulnerable FUGs will engage in profitable income-generating activities by combining capacity building and one-time grant to build an asset base.									
13. Inputs										
14. Implementing agency	National Food Reserve Agency (NFRA), Federal Ministry of Agriculture and Water Resources									
15. Status of the project	2	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Nigeria									
2. Title (Full name)	Commercial Agricultural Development Project (CADP)									
3. Project Location	Federal Capital Territory and 5 (Cross River, Enugu, Lagos, Kaduna, Kano) States									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	5	6	10					
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Capacity building									
6. Fund sources (Funding agency)	World Bank: International Development Association (IDA)									
7. Budget	USD 150 million									
8. Project duration (dd/mm/yy)	Start: 2009 End: 2014									
9. Goal and objectives	Goal: Improved environment and services for non-oil growth Obj.: To strengthen agricultural production systems and facilitate access to market for targeted value chains among small and medium scale commercial farmers in the five participating states. These value chains are rice, oil palm, cocoa, fruit trees, poultry production, aquaculture and dairy, with maize and rice as staples.									
10. Target beneficiaries	Direct Small and medium scale commercial farmers Sec.:									
11. Project component (activities)	1. Agricultural production and commercialization: a. technology demonstration and adoption, b. support to staple crop production systems, c. market facilitation, and d. capacity building 2. Rural infrastructure: a. network of farm access roads and b. rural energy 3. Project management, monitoring, evaluation and studies									
12. Expected results (outputs)	1. Technology packages are demonstrated and disseminated. Improved animal/seed varieties are procured. Post-harvest handling centers are established. Commercial agriculture entrepreneurs are trained. Commercial agriculture product markets are developed. 2. Rural roads are constructed/rehabilitated. Commercial agriculture farms are connected to electricity. 3. Project staff are trained. Effective monitoring and evaluation systems are									
13. Inputs										
14. Implementing agency	National Food Reserve Agency (NFRA), Federal Ministry of Agriculture and Water Resources									
15. Status of the project	2	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	Delay in signing of the project									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Nigeria									
2. Title (Full name)	Improvement of Drought and Submergence Tolerance of Rice in Africa, including NERICA									
3. Project Location	Ibadan									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	9	10								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Research and Development									
6. Fund source (Funding agency)	JIRCAS									
7. Cost	Total: US\$ 1,500,000									
8. Project duration (dd/mm/yy)	Start: 04/2006 End: 03/2011									
9. Goal and objectives	Goal: Expansion of rice production area and the stabilization of rice productivity in Africa Obj.: (1) Evaluation of a wide range of germplasm for drought and submergence tolerances (2) Identification of DNA markers linked to the tolerance (3) Use of DNA markers for breeding program to increase the tolerances (4) Introduction of genes to confer abiotic stress tolerance, such as DREB into									
10. Target beneficiaries	Direct: Researchers Secondary: Rice farmers									
11. Project component (activities)	Breeding program									
12. Expected results (outputs)	Rice varieties tolerant to drought and submergence									
13. Inputs	1. Experts, a JIRCAS scientist located in Nigeria 2. Experts, some other JIRCAS scientists collaborate by visiting the institute									
14. Implementing agency	Leading: JIRCAS Cooperate: WARDA/Nigeria									
15. Status of the	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Hiroshi TSUNEMATSU e-mail: htsunema@jircas.affrc.go.jp									

Key Word: drought tolerance, submergence tolerant, NERICA, germplasm, DNA markers, breeding, DREB

2.9 Senegal

- SN-1 Promotion of Private Investment on Agriculture
- SN-2 Formulation of Land Occupation and Allotment Plan (POAS)
- SN-3 Formulation of Irrigation Development Charter (CDI)
- SN-4 Realization of the contribution to hydraulics, water distribution and irrigated crop production (PP)
- SN-5 Project for the Irrigation System in Senegal
- SN-6 Agricultural production improvement project in Dagana Department
- SN-7 Feasibility Study of Grand Digue Tellel
- SN-8 Capacity Development of Rice Producers
- SN-9 Send Trainees for Rice Production International Course
- SN-10 Support to the Boosting of the Rice Cultivation
- SN-11 Agricultural Markets and Agribusiness Development Program in Senegal (PDMAS)
- SN-12 Agricultural Services and Producer Organizations Program phase 2 (PSOAP 2)
- SN-13 National Rural Infrastructure Program (PNIR)
- SN-14 National Local Development Program
- SN-15 Participatory Land Development Project
- SN-16 Anambe Basin Rural Development Support Project (PADERBA)
- SN-17 Project to Support Local Small-Scale Irrigation (PAPIL)
- SN-18 Socio-economic Development Support Program for Peace in Casamance (PROCAS)
- SN-19 Programme of the Groundnut Basin (PBA)
- SN-20 Anambe Basin Hydro-Agricultural Development Project Phase III

- SN-21 Local Rice Promotion Project
- SN-22 Kobilu Basin Development Project
- SN-23 The Study on the Reorganization of the Production of Rice in Senegal
- SN-24 Project for Improvement of Productivity in Irrigation Scheme in the Valley of Senegal
- SN-25 Concerted Program of the Production of Certified Rice Seeds in Casamance
- SN-26 Casamance Rural Development Support Project (PADERCA)
- SN-27 Integrated Agricultural Development Project in “Ndiawara” Region
- SN-28 Agricultural Modernization and Intensification Project (PMIA)
- SN-29 Rehabilitation and expansion and agricultural land in the right bank of Lampsar river

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Promotion of Private Investment on Agriculture									
3. Project Location										
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	6	7	8					
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	AFD									
7. Cost	Total:									
8. Project duration (dd/mm/yy)	Start: 2009 End: 2010									
9. Goal and objectives	Goal: Obj.:									
10. Target beneficiaries	Direct Private investors Sec.:									
11. Project component (activities)	1. Irrigation development 2. River improvement 3. Provision of credit 4. Capacity development of immigrant 5. Input procurement									
12. Expected results (outputs)	1. 2,500 ha of irrigation 2. Development of rice milling technique and capacity									
13. Inputs	N/A									
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	2	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Formulation of Land Occupation and Allotment Plan (POAS)									
3. Project Location	Saint Louis, Matam									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	1									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	AFD									
7. Cost	Total: EUR 7 million (together with CDI)									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2013									
9. Goal and objectives	Goal: Obj.: Clarification of land information including land use, topography, soil, land tenure, etc. Determination of policy on operation and maintenance of existing farm and infrastructure Establishment of conditions for intensification and diversification of agricultural production system									
10. Target beneficiaries	Direct SAED Sec.: Rural Community									
11. Project component	Capacity development of rural community									
12. Expected results (outputs)	Formulation of POAS									
13. Inputs										
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Formulation of Irrigation Development Charter (CDI)									
3. Project Location	Saint Louis, Matam									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	1	3								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	AFD									
7. Cost	Total: EUR 7 million (together with POAS)									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2013									
9. Goal and objectives	Goal: Obj.: Clarification of land information including land use, topography, soil, land tenure, etc. Determination of policy on operation and maintenance of existing farm and infrastructure Establishment of conditions for intensification and diversification of agricultural production system									
10. Target beneficiaries	Direct SAED Sec.: Rural community									
11. Project component										
12. Expected results (outputs)	Formulation of CDI									
13. Inputs										
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Realization of the contribution to hydraulics, water distribution and irrigated crop production									
3. Project Location	Saint Louis, Matam									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	7	10								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (road and transportation) 10. Infrastructure development									
6. Fund source (Funding agency)	Millennium Challenge Account									
7. Cost	Total: Senegal river valley: FCFA 170 billion									
8. Project duration (dd/mm/yy)	Start: 2009 End:									
9. Goal and objectives	Goal: Poverty reduction (Contribute to the Millennium Development Goals) Obj.:									
10. Target beneficiaries	Direct Sec.:									
11. Project component (activities)	1. Trunk road rehabilitation (Richard Toll - Bakel) 2. Construction of trails (Podor - Cascas) 3. Construction of bridge (Dioum) 4. Irrigation development (Podor, Dagana)									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	1	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Project for the Irrigation System in Senegal									
3. Project Location										
4. Type of project	1	3								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	7								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	KOICA									
7. Cost	Total: USD 1.8 million									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2011									
9. Goal and objectives	Goal: Obj.:									
10. Target beneficiaries	Direct Sec.:									
11. Project component (activities)	1. Rehabilitation of irrigation system at Podor (300 ha) 2. Provision of equipment (irrigation pumps, etc.) 3. Dispatch experts 4. Conduct training									
12. Expected results (outputs)										
13. Inputs	Experts Equipment									
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Agricultural production improvement project in Dagana Department									
3. Project Location										
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	7	10							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below)									
	10. construction of elementary school, community hall, path, support of producers, receive trainees									
6. Fund source (Funding agency)	KOICA									
7. Cost	Total: USD 1.5 million									
8. Project duration (dd/mm/yy)	Start: 2007 End: 2009									
9. Goal and objectives	Goal: Obj.:									
10. Target beneficiaries	Direct Community people near the Lac Guier Sec.:									
11. Project component (activities)	1. rehabilitation of irrigation system (120 ha) 2. construction of path (8.5 km) 3. construction of classrooms of elementary school and community hall 4. Support services to the producers 5. Receive trainees									
12. Expected results (outputs)	1. Improvement of rice production 2. Improvement of rural life 3. Capacity development of producers									
13. Inputs	Dispatch experts									
14. Implementing agency	Leading: KOICA, SAED Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Feasibility Study of Grand Digue Tellel									
3. Project Location										
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	10									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below)									
	10. Study									
6. Fund source (Funding agency)	KOICA									
7. Cost	Total:									
8. Project duration (dd/mm/yy)	Start: 2008									
	End:									
9. Goal and objectives	Goal:									
	Obj.: To examine the feasibility of the rehabilitation of Grand Digue Tellel irrigation system									
10. Target beneficiaries	Direct									
	Sec.:									
11. Project component	Pre-feasibility study									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading:									
	Cooperate:									
15. Status of the project	5	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Capacity Development of Rice Producers									
3. Project Location										
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	China									
7. Cost	Total:									
8. Project duration (dd/mm/yy)	Start: 2006 End: 2008									
9. Goal and objectives	Goal: Rice production increase Obj.: Develop capacity of rice producers in rice cultivation technique									
10. Target beneficiaries	Direct Rice producers Sec.:									
11. Project component	1. Training 2. Demonstration of rice cultivation									
12. Expected results (outputs)										
13. Inputs	Experts									
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Send Trainees for Rice Production International Course									
3. Project Location										
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	Thailand government									
7. Cost	Total:									
8. Project duration (dd/mm/yy)	Start: 2007 End:									
9. Goal and objectives	Goal: Obj.: Capacity development									
10. Target beneficiaries	Direct Staff of rice related organizations Sec.:									
11. Project component	1. Sending Senegalese trainees to Thailand 2. Conduct training on various subjects regarding rice production									
12. Expected results (outputs)	8 trainees trained (5 from SAED and 3 from SODAGRI) in 2007									
13. Inputs										
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems	Fluctuate number of trainees (none in 2008) Not enough number of staff in rice production sub-sector									
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Support to the Boosting of the Rice Cultivation									
3. Project Location										
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	1									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	FAO									
7. Cost	Total: USD 487,000									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2009									
9. Goal and objectives	Goal: Obj.: Constraints to promote rice production are identified Politic measures to increase rice production, improve post-harvest, improve marketing are proposed Investment plan for production growth is proposed									
10. Target beneficiaries	Direct Sec.:									
11. Project component (activities)	1. Based on the JICA/DAPS study, economic situation, competitiveness of rice sector, and role of respective actors are analyzed, 2. Production potential is analyzed									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Agricultural Markets and Agribusiness Development Program in Senegal (PDMAS)									
3. Project Location										
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	1	2								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	World Bank Government of Senegal									
7. Cost	Total: USD 60.1 million WB: USD 35 million, GOS: USD 13.1million, Local farmer org.: USD 12.0									
8. Project duration (dd/mm/yy)	Start: 2006 End: 2011									
9. Goal and objectives	Goal: Obj.: Improving domestic market conditions (component A) Development of agricultural experts (Component B) Development private irrigation (Component C) Project coordination and M&E (Component D)									
10. Target beneficiaries	Direct Sec.:									
11. Project component (activities)	<ol style="list-style-type: none"> 1. domestic supply chain consolidation for agricultural products (component A) 2. upgrade of rural market infrastructure incl. post-harvest facilities, and access improvement to domestic market knowledge and information (ditto) 3. support to crop diversification and give incentive for the investment to private irrigation scheme for their rehabilitation and new development (Delta, Lac de Guiers) (component C) 4. promote small-scale irrigation by using water from existing village boreholes and small water-catchments dams (retention basins of the Groundnut basins) (component C) 5. introduction and adjustment of new irrigation technologies and production model (Niayes, Lac de Guiers, Senegal river upper-middle valley, and Casamance) 									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Agricultural Services and Producer Organizations Program phase 2 (PSOAP 2)									
3. Project Location										
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	1	2	3	10						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	World bank, IFAD Government of Senegal									
7. Cost	Total: USD 47 million WB: USD 20 M , IFAD: USD 6 M; GOS: USD 20 M; Beneficiaries: USD 1 M									
8. Project duration (dd/mm/yy)	Start: 2006 End: 2010									
9. Goal and objectives	Goal: Obj.: increase access for smallholder producers to effective and diversified agricultural services and innovations, with a view to diversifying and/or stabilizing their productions and increase their food security.									
10. Target beneficiaries	Direct Sec.:									
11. Project component (activities)	1. Support for the Agricultural Research System 2. Agricultural advisory services 3. Support for producers organizations 4. Support for sectoral coordination									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: ANCAR Cooperate: ISRA, NARF									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	National Rural Infrastructure Program (PNIR)									
3. Project Location										
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	10									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below)									
	10. Socio-economic infrastructure development									
6. Fund source (Funding agency)	World Bank co-financed with IFAD OPEC Fund and AfDB, Senegalese Government									
7. Cost	Total: USD 47.47 million WB: USD 28.5 M; IFAD and other contributor: USD 19.45 M									
8. Project duration (dd/mm/yy)	Start: 2001 End: 2005									
9. Goal and objectives	Goal: Obj.: Improve decentralized local governance and local capacity Establish participatory and decentralized mechanisms for selecting, funding and implementing rural community investment programs Strengthen the national institutions supporting decentralization Implement basic infrastructure in a selected number of communities									
10. Target beneficiaries	Direct Sec.:									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Support for Decentralized Rural Development <ul style="list-style-type: none"> - support the Government's efforts for fiscal and financial reforms to improve the RCs' revenue generation and financial management - strengthen the local governments' abilities to manage the local development process and improve the transparency and responsiveness to the demands of the rural population - to strengthen the capacity for monitoring and evaluation of the National Council for the Development of Local Communities - to reinforce the capacity of the Department of Local Communities as the implementation agency for decentralization - to assist the Association of Rural Council Presidents to improve the quality of 2. Local Investment Fund <ul style="list-style-type: none"> - the Rural Investment Fund, representing 80% of the LIF that would finance basic public infrastructure - the Innovation Support Fund (20% of the funds) that would be an action-research tool to provide access to a slightly larger menu of investment options, including collective productive infrastructure 3. Community Roads Program <ul style="list-style-type: none"> - contributions to improve basic access in 60 RCs targeted by the LIF - pilot mechanisms for community road management and maintenance would be undertaken as outlined in the Framework for the National Rural Transport Strategy - assistance to the Department of Rural Engineering of the Ministry of Agriculture to define its mission and reinforce its ability to deal with the environmental aspects of the project 									

	<p>4. Project Coordination, Monitoring and Evaluation</p> <ul style="list-style-type: none"> - project coordination and financial management - the establishment and operation of the monitoring and evaluation system of the project 	
12. Expected results (outputs)	<p>1. 110 RCs assisted with participatory diagnosis and the formulation of local development plans (PLD), Annual Investment Plans (PAI), Local Training Plans (PLF) and Local Communication Plans (PLC).</p> <p>2. the formulation of a strategic framework for the Directorate of Local Governments financed and the transformation of the national Association of Rural Council Presidents (APCR) into a more inclusive Association of Rural Councilors (ANCR) facilitated by training members and providing equipment for their headquarters.</p> <p>3. Each of the 110 RCs supported by the project set up their own Community Management Forum (CCG) which managed the implementation of infrastructure.</p> <p>4. The project covered 110 Rural Communities (versus 60 initially planned) and each RC constructed 7 to 8 projects compared to 2 to 3 initially planned</p> <p>5. The roads, which totaled 735 km, have had a large impact in terms of improved access to markets and to social services. The project provided income opportunities for local communities, during the implementation phase</p>	
13. Inputs		
14. Implementing agency	<p>Leading: Ministry of Agriculture</p> <p>Cooperate:</p>	
15. Status of the project	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="text-align: center;">4</td> </tr> </table> <p>1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown</p>	4
4		
16. Issues/problems		
17. Person in charge	<p>Name: _____ e-mail: _____</p>	

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	National Local Development Program									
3. Project Location										
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	10									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	World Bank									
7. Cost	Total:									
8. Project duration (dd/mm/yy)	Start:									
	End:									
9. Goal and objectives	Goal:									
	Obj.: Improvement of socio-economic infrastructure at local district level									
10. Target beneficiaries	Direct local people at the district level									
	Sec.:									
11. Project component	construction of socio-economic infrastructure									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading:									
	Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Participatory Land Development Project									
3. Project Location										
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	1	10								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. socio-economic infrastructure development									
6. Fund source (Funding agency)	World Bank, Government of Senegal									
7. Cost	Total: USD 187.53 million WB: USD 50.05 million; GOS: USD 137.48 million									
8. Project duration (dd/mm/yy)	Start: 2006 End: 2009									
9. Goal and objectives	Goal: Obj.: to assist the Government in setting up an effective framework for participatory local development, decentralization, resource mobilization and transfer to local governments and communities, to deliver services in rural areas and targeted poorest cities efficiently.									
10. Target beneficiaries	Direct: all urban and rural local governments (110 communes and 320 rural communities) Sec.:									
11. Project component (activities)	1. Support for decentralization, devolution, and participatory local development 2. Financing for Local Development 3. Capacity-building for decentralization and participatory local development 4. Support for Program coordination and communication; monitoring and evaluation; and environmental and social management									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Executive Secretariat of the PNDL (National Local Development Project) Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Anambe Basin Rural Development Project (PADERBA)									
3. Project Location	Kolda									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	7	8								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. institutional									
6. Fund source (Funding agency)	African Development Bank Government of Senegal and Beneficiaries									
7. Cost	Total: UA 8.65 million (=FCFA 7.924 billion) AfDG: UA 7.18 million; GOS and Beneficiaries: UA 1.47 million									
8. Project duration (dd/mm/yy)	Start: 2002 End: 2008									
9. Goal and objectives	Goal: To contribute to reducing poverty and boosting food security Obj.: A sustainable increase in agricultural production and incomes									
10. Target beneficiaries	Direct: Sec.:									
11. Project component (activities)	1. Establishment of a project office attached to SODAGRI 2. Training and advisory support to producers 3. Support to rural council 4. Engineering designs and other studies 5. Infrastructure development									
12. Expected results (outputs)	1. Local development plans drawn and implemented by rural communities (CR) trained with project support 2. Capacity of farmer organizations built 3. Local environmental action plans formulated and implemented 4. Productions intensified and diversified, and producers made literate and trained 5. Capacity of agro-stockbreeders built and pastoral infrastructure unveiled 6. A decentralized and appropriate credit system established and Anambe Mutual Fund strengthened and operational									
13. Inputs	1. Trainers, engineers, consultants 2. Equipment									
14. Implementing agency	Leading: SODAGRI (the Agricultural and Industrial Company of Senegal) Cooperate:									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems	Project delayed due to land tenure problem, conflict with nomads, etc.									
17. Person in charge	Name: _____ e-mail: sodagri@sentoo.sn									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Project to Support Local Small-Scale Irrigation (PAPIL)									
3. Project Location	Fatick, Kaolack, Tambacounda									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	1	3	7	10						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. dike construction									
6. Fund source (Funding agency)	African Development Bank Government of Senegal									
7. Cost	Total: UA 16.28 million (=FCFA 12.827 billion) AfDB: UA 14.31 million; GOS: UA 1.97 million									
8. Project duration (dd/mm/yy)	Start: 2004 End: 2009									
9. Goal and objectives	Goal: To increase agricultural production on a sustainable basis Obj.: To contribute to food security by developing small-scale irrigation at the local level									
10. Target beneficiaries	Direct: Rural communities, Sec.:									
11. Project component (activities)	1. Sustainable agro pastoral development work 2. Participatory planning and capacity building 3. Project Management									
12. Expected results (outputs)	1. Improvement and expansion of existing small scale irrigation schemes in the 3 valleys 2. Reclamation of salt-affected land for rice farming (2,000 ha) 3. Construction of some 30 small diversified surface water retention and control structures 4. Development of 400 ha of rice farms in bas-fonds 5. Development of 10 pump-irrigated macro-areas (50 ha) 6. Advisory and extension services for 7,000 farms 7. Provision of socio-economic infrastructure through a self-managed local development fund									
13. Inputs										
14. Implementing agency	Leading: Agric. Engineering Dept of the Ministry of Water Resource Management Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Socio-economic Development Support Program for Peace in Casamance (PROCAS)									
3. Project Location	Casamance (Ziguinchor, Kolda)									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	9								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	GTZ									
7. Cost	Total:									
8. Project duration (dd/mm/yy)	Start: 2004 End: 2015									
9. Goal and objectives	Goal: Obj.: Promote peace and sustainable development in the Casamance region Reduce conflict and stabilize economic and social conditions									
10. Target beneficiaries	Direct: local people in Casamance region Sec.:									
11. Project component (activities)	1. food aid 2. seed distribution (rice, maize, groundnut, etc.) 3. rebuilding seed production system in Casamance 4. construction of anti-salinization dikes (covering 1,500 ha of agric. Land) 5. provision of motorized cultivators to local service providers, development of vegetable gardens, construction of processing unit of palm oil and water supply facilities, etc.									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Programme of the Groundnut Basin (PBA)									
3. Project Location										
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	3								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Environmental conservation, sustainable development									
6. Fund source (Funding agency)	GTZ									
7. Cost	Total:									
8. Project duration (dd/mm/yy)	Start: 2004 End: 2010									
9. Goal and objectives	Goal: Obj.: Restore degraded soils of abandoned areas									
10. Target beneficiaries	Direct: Sec.:									
11. Project component	Construction of anti-salinization dike									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Anambé Basin Hydro-Agricultural Development Project Phase III									
3. Project Location										
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	7	10								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below)									
	10. provision of machinery									
6. Fund source (Funding agency)	Islamic Development Bank Government of Senegal									
7. Cost	Total: FCFA 7,174 million IsDB: FCFA 6,284 million; GOS: FCFA 89 million									
8. Project duration (dd/mm/yy)	Start: 2003 End: 2006									
9. Goal and objectives	Goal: Obj.: To increase rice production through irrigation development									
10. Target beneficiaries	Direct: Settled farmers in Anambé area Sec.: SODAGRI									
11. Project component (activities)	1. Development of 820 ha of irrigation networks 2. Construction of pump station 3. Provision of combine harvesters, tractors, threshers, and rice mills 4. Provision of credit 5. Construction of dike road with 30 km									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: SODAGRI Cooperate:									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems	Project delayed due to land tenure problem, settled farmers not motivated, marketing problem of rice, etc.									
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Local Rice Promotion Project									
3. Project Location										
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	3	4	5	6	9				
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	Taiwanese government									
7. Cost	Total:									
8. Project duration (dd/mm/yy)	Start: 1996 End: 2005									
9. Goal and objectives	Goal: Obj.:									
10. Target beneficiaries	Direct: rice producers in Dagana area Sec.:									
11. Project	<ol style="list-style-type: none"> 1. introduction of a Taiwanese improved rice variety (TCS-10) 2. technical assistance to rice production 3. technical assistance to seed multiplication 4. facilitation of producers' access to credits (230 million FCFA in total) for procuring a rice milling machine 									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Taiwanese Government Cooperate:									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems	Project suddenly suspended when Senegalese government reestablished diplomatic relations with the People's Republic of China									
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Kobilo Basin Development Project									
3. Project Location										
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	5	6	7					
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	Arab Bank for Economic Development (BADEA)									
7. Cost	Total: EUR 7.5 million									
8. Project duration (dd/mm/yy)	Start: End: 2005									
9. Goal and objectives	Goal: Obj.:									
10. Target beneficiaries	Direct: Sec.:									
11. Project component	1. Construction of irrigation scheme (polder system with pump station) 2. Construction of rice mill center and storage									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	The Study on the Reorganization of the Production of Rice in Senegal									
3. Project Location										
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	10									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below)									
	10. Master plan study (all fields included)									
6. Fund source (Funding agency)	JICA									
7. Cost	Total: JPY 385 million									
8. Project duration (dd/mm/yy)	Start: 2004 End: 2006									
9. Goal and objectives	Goal: Obj.:									
10. Target beneficiaries	Direct: Sec.:									
11. Project component										
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: JICA/DAPS(Ministry of Agriculture and Hydraulics) Cooperate:									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Project for Improvement of Productivity in Irrigation Scheme in the Valley of Senegal									
3. Project Location										
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4	5	6	7	8				
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	JICA									
7. Cost	Total: USD 4,900,000									
8. Project duration (dd/mm/yy)	Start: 06/2009 End: 03/2013									
9. Goal and objectives	Goal: Productivity of rice and income of rice farmers in the Project area is improved. Obj.: Productivity of rice and income of rice farmers in irrigation scheme in the Valley of Senegal is improved.									
10. Target beneficiaries	Direct: Rice farmers of pilot area, rice miller in the project area, and rice wholesaler in Senegal Secondary: Rice farmers in St. Louis and rice retailers in Senegal									
11. Project component (activities)	1. Conduct training for farmers on rice cultivation in irrigated area 2. Conduct rehabilitation of small scale irrigation facilities 3. Establish appropriate operation and management model of irrigation facilities 4. Conduct training for farmers on improvement of production management 5. Conduct training for rice millers on quality of rice and marketability 6. Conduct sales promotion for domestically-produced rice in Senegal									
12. Expected results (outputs)	1. Rice productivity is improved in the Project area 2. Irrigation facilities are well operated and managed in the Project area 3. Method for improvement of production management of farmers is established in the Project area 4. Rice produced in the Project area is appropriately milled to meet domestic market demand									
13. Inputs	1. JICA experts; Cultivation in irrigation facility, Water management and construction planning, Organizing of farmers and micro-finance, Rice cultivation, Post-harvesting and processing, Distribution and marketing 2. Training for counterparts on site and in Japan 3. Construction of warehouse for paddy rice 4. Equipment necessary for the Project									
14. Implementing agency	Leading: JICA Cooperate: Ministry of Agriculture and Hydraulics, Direction of Rural Development in Saint Louis Region									
15. Status of the project	2	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name: Haruhiko IGAWA					e-mail: Igawa.Haruhiko@jica.go.jp				

Key Word:

Irrigation, participatory approach, training, cultivation technique, post-harvesting

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Concerted Program of the Production of Certified Rice Seeds in Casamance									
3. Project Location	Ziguinchor region (Kabiline and Badiana sites), Sédhiou region (Karcia), and Kolda region (Anambé)									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	3	4	5	6	9				
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	African Development Bank (AfDB)									
7. Cost	Total: FCFA 12,825 millions									
8. Project duration (dd/mm/yy)	Start: 2006 End: 2011									
9. Goal and objectives	Goal: Fight against poverty Obj.: Small local irrigation Self-sufficiency in rice									
10. Target beneficiaries	Direct: People of target rural communities Secondary:									
11. Project component (activities)	1. Development of hydraulic agriculture and sustainable pastoral 2. Organization and strengthening of capacity 3. Management of the projects									
12. Expected results (outputs)	1. Agricultural use of the Medina Namo valley : 100 ha developed 2. Embankment road in the developed area 3. Small works in the region									
13. Inputs										
14. Implementing agency	Leading: Support project of local small irrigation Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Key Word:

1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Casamance Rural Development Support Project (PADERCA)									
3. Project Location	Sédhiou region									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	4	7	8							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	African Development Bank (AfDB) Government of Senegal									
7. Cost	Total: FCFA 19.199 billion (=UA 24.47 million) AfDB: UA 20 million; GOS: UA 4.47 million									
8. Project duration (dd/mm/yy)	Start: 2006 End: 2011									
9. Goal and objectives	Goal: Fight against poverty Obj.: Small local irrigation Self-sufficiency in rice									
10. Target beneficiaries	Direct: People in the target rural communities Secondary:									
11. Project component (activities)	1. Development of hydraulic agriculture and sustainable pastoral 2. Organization and strengthening of capacity 3. Management of the projects									
12. Expected results (outputs)	1. Development of valley 2. Embankment road in the developed area 3. Training of the people 4. Natural resources management 5. Human health									
13. Inputs										
14. Implementing agency	Leading: Project Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Integrated Agricultural Development Project in "Ndiawara" Region									
3. Project Location	Saint Louis (Podor)									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	7	8								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below)									
	10.									
6. Fund source (Funding agency)	BADEA, Government of Senegal									
7. Cost	Total: USD 7.95 million BADEA: USD 6 million; GOS: USD 1.95 million									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2011									
9. Goal and objectives	Goal: Obj.: Supporting the participation of women in agricultural activities and developing parallel activities, improving living conditions, reducing the suffering of the populations, creating jobs and increasing the income of farmers									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	1. Civil works for the reclamation of approximately 500 ha, 2. Construction and equipping of an irrigation pumping station, 3. Procurement of agricultural machinery, 4. Supply of drinking water, 5. Providing support to women's activities, 6. Micro-credits, 7. Institutional support to the project implementation unit									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Ministry of Infrastructure Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Agricultural Modernization and Intensification Project (PMIA)									
3. Project Location										
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	2	3	4	5						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	AfDB Government of Senegal									
7. Cost	Total: UA 11.62 million (= FCFA 8.65 billion) AfDB: UA 10 million ; GOS: UA 1.62 million									
8. Project duration (dd/mm/yy)	Start: 1998 End: 2006									
9. Goal and objectives	Goal: Improve food security in the country Obj.: Increase agricultural production and farmers' incomes. Develop horticulture on 300 ha and rehabilitate three schemes for market produce and 350 ha for fruit crops Rural equipment was replaced and modernized, in part through an operational rural credit system. The agricultural produce marketing and processing support fund was utilized.									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	1. Crop Intensification 2. Revival of Horticulture 3. Replacement and Modernization of Agricultural Equipment 4. Processing and Marketing 5. Project Management									
12. Expected results (outputs)	1. 20,600 ha established, about 31,120 tonnes of cereal and food crops produced 2. the amount of credit provided was enough for 1,350 ha of private horticultural schemes (green beans, tomatoes, onions, bananas, etc.), which yielded an additional production of 12,318 tonnes 3. Different types of agricultural equipment at a total cost of CFAF 838 million procure 4. Support to 286 sub-projects at a cost of almost CFAF 1,307 million, essentially as revolving funds for the marketing of agricultural produce. Some 27,000 tonnes of agricultural produce were marketed.									
13. Inputs										
14. Implementing agency	Leading: Ministry of Agriculture – Management Unit Cooperate:									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal									
2. Title (Full name)	Rehabilitation and expansion and agricultural land in the right bank of Lampsar river									
3. Project Location	Saint Louis (Dagana)									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	4	5								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	Arab Bank for Economic Development in Africa (BADEA)									
7. Cost	Total: BADEA: USD 10 million									
8. Project duration (dd/mm/yy)	Start: 2009 End:									
9. Goal and objectives	Goal: Obj.:									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)										
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	2	1. Pipeline, 2. Approved, 3. On-going, 4. Completed, 5. Unknown								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

2.10 Sierra Leone

SL_Prog-1 Operation Feed the Nation (OFTN)

SL_Prog-2 National Agriculture Response Programme (NARP)

SL-1 Agricultural Sector Rehabilitation Project (ASREP)

SL-2 Rehabilitation and community-based poverty reduction project (RCPRP)

SL-3 Rural Finance and Community Improvement Programme

SL-4 Agricultural Development Project in Kambia

SL-5 Use of STABEX Transfers Project (USTP)

SL-6 LINKS Projects by CORAD

SL-7 Hybrid Rice Promotion

SL-8 Program for the intensification of rice production

SL-9 NERICA Dissemination Project

SL-10 Purchase for Progress (P4P)

SL-11 Seed Enterprise Enhancement and Development (SEED)

SL-12 Development of High-yielding Rice Varieties for Low-input Agriculture Systems using Mutation Techniques

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Sierra Leone									
2. Title (Full name)	Operation Feed the Nation (OFTN)									
3. Project Location	Nationwide									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	FAO, UNDP, Irish Aid, Germany, China, Italian Cooperation, ADB, IFAD (multi-donor supported as umbrella programme.									
7. Budget	Budget depending on projects. No specific programme budget.									
8. Project duration (dd/mm/yy)	Start: 2003 End: on-going (as a programme, projects start and end but programme continues)									
9. Goal and objectives	Goal: Achieve food security through production, processing and marketing with small farmers Obj.: Agricultural productivity of small scale farmers is enhanced									
10. Target beneficiaries	Direct: small scale farmers Sec.: MAFFS extension staff									
11. Project component (activities)	1. Farmers Field School and ABUs nationally 2. School gardens 3. Extension training 4. South-South Cooperation with PR China with 18 experts (irrigation, animal health, GX-9 rice variety, etc.) 5. Implementation of small businesses by FFS groups									
12. Expected results (outputs)	1. Trainers are trained 2. Appropriate agricultural production techniques are transferred 3. School gardens established as regular activity of MinEducation									
13. Inputs										
14. Implementing agency	Ministry of Agriculture, Forestry and Food Security through national and local levels									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Mr. J. Jalloh					e-mail: jajalloh@yahoo.co.uk				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Sierra Leone									
2. Title (Full name)	National Agriculture Response Programme (NARP)									
3. Project Location	nationwide									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	5	6						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Programme									
6. Fund sources (Funding agency)	ADB ASREP, IFAD RCPRP, EC Food Facility, FAO TCP, Irish Aid, IsDB									
7. Budget	USD100 million including access roads. Not all programme funds achieved yet (May 2009)									
8. Project duration (dd/mm/yy)	Start: 2008 End: on-going programme									
9. Goal and objectives	Goal: Increase national food production to achieve higher food security rate Obj.: Through a programme approach, promote short term food access programmes with WFP, improvement production for small and medium sized farmers, improve MAFFS management capacity and increase access roads for markets									
10. Target beneficiaries	Direct Food insecure households Sec.: MAFFS managers									
11. Project component (activities)	1. Short term food access - WFP food for work, food for training 2. Medium term food production - Agriculture Business Centers established 3. Long term market access roads									
12. Expected results (outputs)	1. Food security improved 2. ABCs established for increased food production, processing and marketing 3. Improved management capacity of MAFFS									
13. Inputs	1. Direct food assistance from WFP 2. Expertise 3. Seed, equipment for ABCs 4. Management training for MAFFS managers									
14. Implementing agency	MAFFS with OFTN, FAO and WFP									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	Large scale MAFFS programme with numerous project elements									
17. Person in charge	Name: Joseph Koroma, MAFFS, PEMe-mail: jopaygie@yahoo.com									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Sierra Leone									
2. Title (Full name)	Agricultural Sector Rehabilitation Project (ASREP)									
3. Project Location	Kambia, Port Loko, Moyamba, Pujehun, and Kenema Districts									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	10								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Infrastructure development									
6. Fund sources (Funding agency)	African Development Bank									
7. Budget	UA 14.10 million									
8. Project duration (dd/mm/yy)	Start: July 2005 End: June 2010									
9. Goal and objectives	Goal: Obj.: Expand agricultural production and increase farmers' income									
10. Target beneficiaries	Direct: Small scale farmers Sec.:									
11. Project component (activities)	1. Rehabilitation of road 2. Construction of bridges 3. Construction of staff quarters for extension workers 4. Farmers' training through farmers' field school 5. Capacity Development of MAFFS									
12. Expected results (outputs)										
13. Inputs	1. Out sources activities to NGO, OFTN, SLARI and other organizations 2. Seed, tools, equipment provided 3. Support to NARP with small scale equipment									
14. Implementing agency	African Development Bank/Ministry of Agriculture, Forestry and Food Security									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Mr. Paul Koroma					e-mail: paulsamko@yahoo.com				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Sierra Leone									
2. Title (Full name)	Rehabilitation and community-based poverty reduction project (RCPRP)									
3. Project Location	Kono and Kailahun districts									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	10									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Community development									
6. Fund sources (Funding agency)	IFAD									
7. Budget	USD 10.78 million									
8. Project duration (dd/mm/yy)	Start: 2005 End: 2010									
9. Goal and objectives	Goal: Obj.: Reduction of poverty and food insecurity after the civil-war Livelihood and living conditions in rural areas are improved									
10. Target beneficiaries	Direct: The poor and socially deprived people, especially women and youth Sec.: (1,500 among 3,053villages in both districts are supported)									
11. Project component (activities)	1. Improvement of farming practice and establishment of household food security 2. Support of farmers' group 3. Establishment of mechanism for participatory approach 4. Rehabilitation of rural infrastructure									
12. Expected results (outputs)	1. Participatory development by CBOs is facilitated 2. The poor and socially deprived people are empowered 3. Rural infrastructure is improved									
13. Inputs	1. Out sources activities to NGO, OFTN, SLARI and other organizations 2. Seed, tools, equipment provided									
14. Implementing agency	IFAD									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Mr. Mohammed Kella e-mail: mohamedkella@yahoo.co.uk									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Sierra Leone									
2. Title (Full name)	Rural Finance and Community Improvement Programme									
3. Project Location	Koinadugu, Kono, Kailahun, Kenema									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	8									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	IFAD									
7. Budget	USD 10.9 million									
8. Project duration (dd/mm/yy)	Start: 2007 End: 2013									
9. Goal and objectives	Goal: Improving food security and reducing poverty Obj.: Make significant changes to the rural finance sector, improving its strategies and operations Enhance the decentralization of economic and administrative decision-making Promote pro-poor investment in rural areas by the private sector									
10. Target beneficiaries	Direct Micro to middle scale farmers, youth, ex-combatants, women's group Sec.: (in total 34,000 household)									
11. Project component	1. Fostering rural finance services									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency										
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Paul Samuel Koroma e-mail: paulsamko@yahoo.com									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Sierra Leone									
2. Title (Full name)	Agricultural Development Project in Kambia									
3. Project Location	Kambia district									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	2	3	4	6						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	JICA									
7. Cost	Total: USD 3,500,000									
8. Project duration (dd/mm/yy)	Start: 02/2006 End: 03/2009									
9. Goal and objectives	Goal: Productivity of food crops is improved up to self-sufficiency level and food security in Kambia district is improved. Obj.: To strengthen agricultural technical support system in Kambia district									
10. Target beneficiaries	Direct: Staff at the Kambia District Office of the Ministry of Agriculture, Forestry and Food Security (MAFFS) Secondary: Model farmers at pilot villages									
11. Project component (activities)	1. Conduct surveys (baseline survey, market survey, machinery survey, etc.) 2. Procure equipments 3. Improve MAFFS-K facilities 4. Conduct pilot projects for rice (at 7 villages in 2007 and 2008) 5. Conduct pilot trials for vegetables (at two villages in 2007 and 2008) 6. Prepare agricultural technical packages and agricultural technical guidelines 7. Conduct training									
12. Expected results (outputs)	1. Agricultural support system of MAFFS-K is improved 2. Agricultural technical package to improve agricultural productivity is 3. Agricultural technical support guidelines for farmers is developed									
13. Inputs	1. JICA experts (Chief Advisor, agric. extension, rice cultivation, vegetable cultivation, post-harvest handling, project coordination) 2. Equipments necessary for the project (vehicle(s), motorcycles, generator, office equipments, etc.) 3. Cost for training and workshops									
14. Implementing agency	Leading: JICA Cooperate: Ministry of Agriculture, Forestry and Food Security (MAFFS); MAFFS Kambia District Office (MAFFS-K); Rice Research Station, Rokupr (RRS-R)									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	Ministry's commitment to this project is very low									
17. Person in charge	Name: Eriko KOBAYASHI e-mail: Kobayashi.Eriko@jica.go.jp									

Key Word: technical package, rice productivity, training

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Sierra Leone									
2. Title (Full name)	Use of STABEX Transfers Project (USTP)									
3. Project Location	Bombali, Kailahun, Kenema, Kono district									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	6	10						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Mechanization									
6. Fund sources (Funding agency)	EU									
7. Budget	USD 2.1million									
8. Project duration (dd/mm/yy)	Start: 2007 End: 2009									
9. Goal and objectives	Goal: To enhance the income and livelihood of farmers through the production, processing and marketing of rice. Obj.:									
10. Target beneficiaries	Direct Small scale farmers Sec.: MAFFS HQ and extension staff									
11. Project component (activities)	1. Register 5,418 small farmers and 34 master farmers 2. Supplied 500 tons of seed rice and 27,000 farm tools 3. Construct 3 seed stores and 3 drying floors 4. Establish 3 market points 5. Train representatives of farmers' groups and MAFFS extension agents 6. Procure rice 10 hullers, 25 threshers, 37,000 empty bags and 280 tarpaulin sheets									
12. Expected results (outputs)	1. increased production of rice 2. improved processing of rice 3. improved marketing of rice 4. strengthened rice farmers associations									
13. Inputs	1. expertise 2. studies on export crops (cocoa, coffee, oil palm) 3. extension support to small farmers (rice, cocoa, coffee, oil palm) 4. database strengthening in MAFFS PEMSD									
14. Implementing agency	MAFFS									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	Likely extended. Assists in preparation of EDF10 EC support									
17. Person in charge	Name: Mr. Paolo Girlando e-mail: p.girlando@yahoo.it									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Sierra Leone									
2. Title (Full name)	LINKS Projects by CORAD									
3. Project Location	Bombali, Tonkolili, Koinadugu, Kailahun, Kono, Bonthe									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	3	4							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	USAID to CARE, AfriCARE, CRS, World Vision									
7. Budget										
8. Project duration (dd/mm/yy)	Start: 2004 End: 2006									
9. Goal and objectives	Goal: Recovery and rehabilitation of small farmers for food security Obj.: Increase farm production and productivity									
10. Target beneficiaries	Direct: Sec.:									
11. Project component (activities)	1. Restore uplands 2. Rehabilitate inland valley swamp 3,000 ha 3. Farmers field school (1,187) benefiting 35,610 farmers in 140 communities 4. Introduction of new cultivation method (SRI) 5. Introduction of NERICA seeds 6. Establish 2 farm inputs store 7. Introduction of farm machinery for ploughing									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Consortium for Rehabilitation and Development									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	Follow-up programme under USAID to Programme for Agriculture Governance and Environment (PAGE) as well as new proposal for Title II funding.									
17. Person in charge	Name: Dr. Tom Roberts e-mail: tom_roberts@wvi.org									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Sierra Leone									
2. Title (Full name)	Hybrid Rice Promotion									
3. Project Location	Bo and Tonkolili (Makali)									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	3	4							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	PR China bilateral assistance									
7. Budget										
8. Project duration (dd/mm/yy)	Start: End: 2010									
9. Goal and objectives	Goal: Promotion of improved rice technology (hybrid rice) Obj.: Introduce and extend use of high yielding hybrid rice									
10. Target beneficiaries	Direct: Small and medium sized farmers Sec.:									
11. Project component (activities)	1. Seed multiplication and sales of hybrid rice 2. Cultivation experment of hybrid rice 3. Rice processing									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	MAFFS									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	Hybrid rice is also high input oriented and seed cannot be saved so uptake is very limited									
17. Person in charge	Name: Patrick Abu, Dir Crops, MAFF e-mail: patjayabu@yahoo.com									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Sierra Leone									
2. Title (Full name)	Program for the intensification of rice production									
3. Project Location	Nationwide									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	9									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	Government of Sierra Leone									
7. Budget										
8. Project duration (dd/mm/yy)	Start: 2003 End: on-going									
9. Goal and objectives	Goal: Achieve food security through increased rice production Obj.:									
10. Target beneficiaries	Direct: Sec.:									
11. Project component	1. Seed distribution to farmers as a loan 2. Mechanical cultivation and harvest									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	MAFFS									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Dr Joseph S Sesay, Minister, Ne-mail: samsesay2@yahoo.com									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Sierra Leone									
2. Title (Full name)	NERICA Dissemination Project									
3. Project Location	Nationwide									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	3								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	African Development Bank									
7. Budget	USD 5 million									
8. Project duration (dd/mm/yy)	Start: 2005 End: 2010									
9. Goal and objectives	Goal: Promote food security with wide dissemination of NERICA rice Obj.: Test, multiple and extend NERICA rice dissemination									
10. Target beneficiaries	Direct: Small and medium scale farmers Sec.:									
11. Project component										
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	MAFFS									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Sierra Leone									
2. Title (Full name)	Purchase for Progress (P4P)									
3. Project Location	nationwide potentially									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	5									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	WFP									
7. Budget										
8. Project duration (dd/mm/yy)	Start: 2008 End: 2012									
9. Goal and objectives	Goal: Increased food security for small farmers Obj.: Use food purchases in country to promote marketing and incomes of small farmers. Food to be used in Sierra Leone WFP school feeding programmes.									
10. Target beneficiaries	Direct Small farmers Sec.:									
11. Project component	1. Purchase of rice and oil palm from small farmers 2. Expert inputs on international packaging of rice									
12. Expected results (outputs)	1. Increased food security for small farmers 2. Increased rice production and marketing									
13. Inputs	1. Rice purchases 2. Packaging expertise									
14. Implementing agency	WFP									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	New P4P staff just arrived in Jan 2009 so first season results are not promising. Difficult for SL farmers to compete with international rice prices.									
17. Person in charge	Name: Christa Räder, WFP Rep e-mail: christa.rader@wfp.org									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Sierra Leone									
2. Title (Full name)	Seed Enterprise Enhancement and Development (SEED)									
3. Project Location	Bombali and Kambia districts									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	4	5	9							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Privatize seed production									
6. Fund sources (Funding agency)	Government of Germany									
7. Budget	USD 2.2 million									
8. Project duration (dd/mm/yy)	Start: 2009 End: 2011									
9. Goal and objectives	Goal: Strengthen seed sector through privatization of seed multiplication units Obj.: Improve access to rice and other seeds through public-private partnerships for seed production and establishment of seed quality control board.									
10. Target beneficiaries	Direct Seed multiplication units in Kobia and Makeni Sec.: Farm sector									
11. Project component (activities)	1. Production of seed and table rice 2. Public-private partnership conversion of seed multiplication units 3. Establishment of seed quality board and laboratory in SLARI									
12. Expected results (outputs)	1. Out-contracting scheme for seed and table rice 2. Establishment of private sector seed company 3. Establishment of seed quality board and laboratory in SLARI									
13. Inputs	1. Expertise 2. Equipment for seed units 3. Rehabilitation of foundation seed farm 4. Legal and business advisors									
14. Implementing agency	FAO and MAFFS									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	Just approved and in inception phase.									
17. Person in charge	Name: Kevin Gallagher, FAO Rep e-mail: kevin.gallagher@fao.org									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Sierra Leone
2. Title (Full name)	Development of High-yielding Rice Varieties for Low-input Agriculture Systems using Mutation Techniques
3. Project Location	Rokupr, Kambia
4. Type of project	1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1. Grant, 2. Loan,
5. Field of support	9 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.
6. Fund sources (Funding agency)	IAEA
7. Budget	Unknown
8. Project duration (dd/mm/yy)	Start: 2005 End:
9. Goal and objectives	Goal: Obj.: To develop high-yielding rice varieties adapted to low-input agriculture systems using mutation techniques in order to enhance the capacity for crop improvement, rice in particular, and increase food (rice) self-sufficiency in Sierra Leone.
10. Target beneficiaries	Direct Sec.:
11. Project component	
12. Expected results (outputs)	
13. Inputs	
14. Implementing agency	MAFFS, Rokupr Agricultural Research Center (RARC)
15. Status of the project	3 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
16. Issues/problems	
17. Person in charge	Name: _____ e-mail: _____

2.11 Tanzania

- TZ-1 Technical Cooperation for Kilimanjaro Agricultural Engineer Training Center Project II
- TZ-2 Kibokana Irrigation Rehabilitation Project
- TZ-3 Agricultural Sector Development Program (ASDP)
- TZ-4 Technical Cooperation for Formulation and Training of the DADP Guidelines on Irrigation Scheme Development
- TZ-5 Technical Cooperation for Supporting Service Delivery Systems of Irrigated Agriculture
- TZ-6 Coastal Rural Support Programme (Tanzania): Rice Intervention
- TZ-7 Improving Rice Varieties through Mutation Breeding and Biotechnology in Zanzibar
- TZ-8 Rehabilitation of Irrigation Infrastructure in Zanzibar
- TZ-9 Genetic enhancement to increase productivity in rice through breeding for resistance to RYMV disease in Tanzania

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Tanzania									
2. Title (Full name)	Technical Cooperation for Kilimanjaro Agricultural Engineer Training Center Project II									
3. Project Location	Moshi City locating Kilimanjaro Agricultural Engineer Training Center (KATC) and 6 model sites, Mombo (Kilimanjaro Region), Nduguti (Mwanza), Mwamapuli (Tabora), Mbuyuni (Mbeya), Mwega (Morogoro) and Nakahuga (Mtwara)									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	7	10							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Capacity building									
6. Fund sources (Funding agency)	JICA									
7. Budget	JYN 739 million									
8. Project duration (dd/mm/yy)	Start: October, 2001 End: September, 2006									
9. Goal and objectives	Goal: Rice productivity is increased in the regions obtained KATC trainings and their surroundings Obj.: Rice productivity is increased in the model sites through the KATC trainings									
10. Target beneficiaries	Direct Training staff of KATC and farmers Sec.:									
11. Project component (activities)	1. Selection of farmlands having high potential of development among existing irrigable farmlands 2. Development and implementation of training course on application of locally-adapted irrigation rice farming technology 3. Rice productivity increase in irrigable farmlands through on-farm training course and its follow-up guidance 4. Implementation of cross-border technical cooperation to 4 surrounding countries, Kenya, Malawi, Zambia and Uganda									
12. Expected results (outputs)	1. Concept for and approach to model sites is developed. 2. Capacity of KATC to understand the needs for training is improved. 3. KATC's training programs for irrigation rice farming productivity and for improvement of institution framework of irrigable farmlands are strengthened. 4. KATC's function for collection and dissemination of useful information on irrigation rice farming is improved. 5. Concept and approach dealing with gender issue in planning, implementation and monitoring of training course on irrigation rice farming is developed.									
13. Inputs	1. Experts (Long-term and Short-term) 2. Necessary machinery and equipment 3. Training opportunities for counterparts in Japan 4. Agreed operational costs of the Project									
14. Implementing agency	KATC and Ministry of Agriculture and Food Security									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	Expected results were achieved during the project duration but further dissemination efforts by implementing training courses in the other regions are expected.									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Tanzania										
2. Title (Full name)	Kibokana Irrigation Rehabilitation Project										
3. Project Location	Kibokari in Zanzibar										
4. Type of project	<table border="1"> <tr> <td>1</td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector</p>	1									
1											
5. Field of support	<table border="1"> <tr> <td>7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.</p>	7									
7											
6. Fund sources (Funding agency)	Japan Grass Root Fund										
7. Budget	USD 89,000										
8. Project duration (dd/mm/yy)	Start: July, 2007 End: June, 2008										
9. Goal and objectives	Goal: To improve food security and reduce poverty Obj.: To rehabilitate irrigation infrastructures of paddy fields and to increase food production to improve food security.										
10. Target beneficiaries	Direct Rice farmers Sec.:										
11. Project component	1. Installing a new pump and connected to electricity 2. Rehabilitation of irrigation canals and infrastructures										
12. Expected results (outputs)	1. Irrigation to 50 ha of paddy fields is rehabilitated. 2.										
13. Inputs	1. Equipment and construction materials 2.										
14. Implementing agency	Department of Irrigation, Ministry of Agriculture, Livestock and Environment (Zanzibar)										
15. Status of the project	<table border="1"> <tr> <td>4</td> <td></td> <td></td> </tr> </table> <p>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</p>	4									
4											
16. Issues/problems	More grass root funds are required for other irrigated areas.										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Tanzania										
2. Title (Full name)	Agricultural Sector Development Program (ASDP)										
3. Project Location	Country-wide										
4. Type of project	2										
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector										
5. Field of support	1	2	3	4	5	6	7	8	9	10	
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Capacity building; sector coordination										
6. Fund sources (Funding agency)	Basket fund by the development partners (IFAD, WB, AfDB, DANIDA, EU, Irish AID, Japan/JICA, FAO, and others)										
7. Budget	USD 2.1 billion										
8. Project duration (dd/mm/yy)	Start: July, 2006 End: June, 2013										
9. Goal and objectives	Goal: Food security and poverty reduction Obj.: (1) To enable farmers to have better access to and use of agricultural knowledge, technologies, marketing systems and infrastructure; all of which contribute to higher productivity, profitability, and farm incomes. (2) To promote agricultural private investment based on an improved regulatory and policy environment.										
10. Target beneficiaries	Direct smallholder farmers Sec.:										
11. Project component (activities)	1. Local Level Support to improve agricultural service delivery; the quality of agricultural investments; and the local policy and regulatory environment for private investment in agriculture. 2. National Level Support to improve the responsiveness and quality of agricultural research and policy; to carry out preparatory work and investment in national level irrigation through public-private partnerships; to improve food security and sector coordination, and to stimulate agricultural markets and private sector development.										
12. Expected results (outputs)	1. Percent of farmers accessing improved agricultural services and infrastructure is increased by 2010 as follows: baseline crop extension, 35 percent to 45; baseline livestock advice, 16 percent to 21; baseline for irrigation use, 8 percent to 10. 2. Percent of farmers that show sustained use of one or more relevant technologies and the sustainable use of productive infrastructure is increased at 40 percent from baseline by 2010. 3. Percent of private sector investment growth into agriculture is increased at 5 percent per year. 4. Resulting change in agricultural productivity and farm incomes is monitored as a contributor to the overall Government objective of an annual agricultural sector growth target of 5 percent, as presented in the ASDS.										
13. Inputs	1. Institutional and implementation arrangements are as follows: 2. ASDP Basket Fund Steering Committee; ASLM Permanent Secretaries and Directors (ASLM: Agricultural Sector Lead Ministries); Director of Policy and Planning, MAFC; Local Government Capital Development Grant Steering Committee; ASDP Secretariat										
14. Implementing agency	National level: Ministry of Agriculture, Food Security and Cooperatives; Ministry of Livestock Development; Ministry of Industry, Trade, and Marketing. Local Level: Prime Minister Office-Regional Administration and Local Government (PMO-R4LG) and Local Government Authorities (LGAs).										
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed									
16. Issues/problems	Delay of Funding										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Tanzania									
2. Title (Full name)	Technical Cooperation for Supporting Service Delivery Systems of Irrigated Agriculture									
3. Project Location	MATI (KATC, Igurusi, Ilonga, Ukiriguru), ARIs (Rice Research Programme)									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	7	4	2	9						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	JICA									
7. Cost	Total: USD 6,500,000									
8. Project duration (dd/mm/yy)	Start: 06/2007 End: 06/2012									
9. Goal and objectives	Goal: ASDP objectives of improving and expanding irrigated agriculture are realized. Profitability and incomes of smallholder rice farmers are increased. Obj.: Productivity of rice cultivation in priority irrigation schemes is increased through strengthening service delivery systems of irrigated agriculture.									
10. Target beneficiaries	Direct: Rice farmers in 40 irrigation schemes Secondary: Smallholder rice farmers in Tanzania									
11. Project component (activities)	1. Identify priority irrigation schemes through dialogues with the stakeholders. 2. Conduct trainers' training. 3. Conduct residential and field training. 4. Conduct monitoring and evaluation on progress of capacity building. 5. Plan, conduct and monitor the technical training in Irrigated rice production with gender consideration. 6. Provide technical support on planning of training programmes in irrigated rice production at the District level as a part of DADPs. 7. Conduct on-farm trials for rice varieties including NERICA. 8. Prepare guidelines on basic rice cultivation technologies.									
12. Expected results (outputs)	1. Rice cultivation practices are improved in priority irrigation schemes through the Farmer-to-Farmer extension approach. 2. Cooperative linkages between Research, Training and Extension institutions are strengthened for improving rice productivity.									
13. Inputs	1. JICA Experts (long-term and short-term): Chief Adviser, Coordinator/Rice Cultivation/Farm Management, Irrigation/Farmers' Training, Upland Rice Cultivation/Research, Gender and Livelihood Improvement, Irrigation Scheme Management, Information Management, Post-harvest Processing, and Marketing 2. Training for task group members in Japan and/or in third countries 3. Machinery and equipment 4. Field training facilities at MATI-Ilonga and MATI-Ukiriguru 5. Agreed operational costs									
14. Implementing agency	Leading: JICA Cooperate: Division of Research and Training, Ministry of Agriculture, Food Security and Cooperatives									
15. Status of the	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Koji SUNAZAKI e-mail: Sunazaki.Kohji@jica.go.jp									

Key Word:

Irrigation, service delivery systems, NERICA, gender, extension

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Tanzania									
2. Title (Full name)	Coastal Rural Support Programme (Tanzania): Rice Intervention									
3. Project Location	Mtwara and Lindi Regions									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	5	7	10					
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Capacity development									
6. Fund sources (Funding agency)	Aga Khan Foundation, partly supported by CIDA									
7. Budget	USD 630,000 (for 2009)									
8. Project duration (dd/mm/yy)	Start: 2009 End: 2016									
9. Goal and objectives	Goal: Increasing food security and incomes for poor rice farming households Obj.: To make farmers be able to realize a quadrupling of yields in a three-year period through a combination of growing more rice per acre and increasing land under cultivation through enhanced labor productivity.									
10. Target beneficiaries	Direct Poor rice farming households Sec.:									
11. Project component (activities)	1. Approach by participatory learning and action research for integrated rice management (PLAR-IRM) 2. Facilitation for improving rice production in lowland rice schemes and market development									
12. Expected results (outputs)	1. 30 to 40 rice groups in Lindi Rural district, covering about 1,200 farmers is focused in 2009. 2. 60,000 farmers are involved over an eight-year period. 3. Rice yield is quadrupled in a three-year period. 4. Rice farmers are ensured food security and marketing of major portion of harvest. 5. Knowledge and experience gained through the rice intervention are adapted and adopted to other economic activities.									
13. Inputs	Facilitation by Aga Khan Foundation									
14. Implementing agency	Aga Khan Foundation in collaboration with Ministry of Agriculture, Food Security and Cooperatives									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Tanzania										
2. Title (Full name)	Improving Rice Varieties through Mutation Breeding and Biotechnology in										
3. Project Location	Zanzibar										
4. Type of project	<table border="1"> <tr> <td>3</td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector</p>	3									
3											
5. Field of support	<table border="1"> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.</p>	2									
2											
6. Fund sources (Funding agency)	IAEA/FAO										
7. Budget	USD 280,000										
8. Project duration (dd/mm/yy)	Start: 2009 End: 2011 (3 years)										
9. Goal and objectives	Goal: Obj.: Technical cooperation project to improve researchers' capacity and physical facilities for development of rice yellow motile virus (RYMV) and blast disease resistant varieties of rice.										
10. Target beneficiaries	Direct Researchers Sec.: Small-scale farmers										
11. Project component	1. Fellowship 2. Breeding and screening work										
12. Expected results (outputs)	1. Screening facility of rice plants is constructed. 2. Improved rice varieties resistant to RYMV and blast disease are bred.										
13. Inputs	1. Fund 2. Researchers and staff 3. Screening facility of rice plants										
14. Implementing agency	Ministry of Agriculture, Livestock and Environment (Zanzibar)										
15. Status of the project	<table border="1"> <tr> <td>3</td> <td>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</td> </tr> </table>	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed										
16. Issues/problems	Shortage of human capacity, breeders, pathologists and agronomists. Shortage of transport facilities and laboratory facilities.										

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Tanzania									
2. Title (Full name)	Rehabilitation of Irrigation Infrastructure in Zanzibar									
3. Project Location	Zanzibar									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	7									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	Korean International Cooperation Agency (KOICA)									
7. Budget	USD 1 million									
8. Project duration (dd/mm/yy)	Start: June, 2008 End: June, 2009									
9. Goal and objectives	Goal: Obj.: To increase food production through irrigation activities									
10. Target beneficiaries	Direct Farmers of the water users association Sec.:									
11. Project component	Construction of irrigation infrastructures and water development									
12. Expected results (outputs)	Rice yield output is increased from 2 t/ha to 6t/ha.									
13. Inputs	Equipment and construction materials									
14. Implementing agency	Department of Irrigation, Ministry of Agriculture, Livestock and Environment (Zanzibar)									
15. Status of the project	3									
	1. Pipeline, 2. Approved, 3. On-going, 4. Completed									
16. Issues/problems	Project duration is short. Funds allocated are not enough.									

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Tanzania										
2. Title (Full name)	Genetic enhancement to increase productivity in rice through breeding for resistance to RYMV disease in Tanzania										
3. Project Location	Dar es Salaam										
4. Type of project	<table border="1"> <tr> <td>1</td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector</p>	1									
1											
5. Field of support	<table border="1"> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. 1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing</p>	2									
2											
6. Fund sources (Funding agency)	Rockefeller Foundation										
7. Budget	USD 227,600										
8. Project duration (dd/mm/yy)	Start: May, 2006 End: June, 2009										
9. Goal and objectives	Goal: Develop and employ molecular techniques to breed farmer preferred rice varieties that are resistant to RYMV Obj.: 1. Identify and characterize RYMV strains in different ecological zones. 2. Determine the role of pathogenic strains in disease epidemics. 3. Characterize mechanism of resistance to RYMV among prevalent rice cultivars. 4. Identify markers for resistance to RYMV and use them to breed resistant varieties. 5. Introgress identified resistance into farmer preferred local varieties.										
10. Target beneficiaries	Direct Researchers Sec.: Rice farmers (Small and large scale)										
11. Project component (activities)	<ol style="list-style-type: none"> Conduct countrywide disease surveys Prepare RYMV disease distribution maps Conduct studies on virus epidemiology, and develop relevant control strategies Analyze serological and pathological variability of the virus populations Screen for disease tolerant / resistant rice cultivars Develop farmer preferred RYMV resistant varieties Train students, extension workers and farmers 										
12. Expected results (outputs)	<ol style="list-style-type: none"> Disease distribution maps of different pathotypes established RYMV strains in Tanzania identified and characterized Pathogen-specific disease diagnostic tools developed and used for diagnosis RYMV resistant varieties identified, characterized and evaluated Farmer preferred, RYMV resistant varieties developed and made available to farmers 										
13. Inputs	<ol style="list-style-type: none"> Research funds Researchers Students Biotechnology laboratory and plant screening facilities Farmers and extension staff 										
14. Implementing agency	Agricultural Research Institutes, Ministry of Agriculture, Food Security and Cooperatives										
15. Status of the project	<table border="1"> <tr> <td>3</td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Pipeline, 2. Approved, 3. On-going, 4. Completed</p>	3									
3											
16. Issues/problems	Over aged irrigation system for efficient plant screening, poor screen house facilities at one of participating research institute; logistical problems in procurement and delivery of biotechnology reagents.										

Key Word: Rice yellow mottle virus, biotechnology

2.12 Uganda

- UG-1 Dissemination of NERICA and Improved Rice Production Systems to Reduce Poverty and Food Deficit in Uganda
- UG-2 Project for Agriculture and Rural Development through Innovative Rice-based Farming Systems for Food Security and Poverty Reduction in Republic of Tanzania
- UG-3 Participatory evaluation of upland rice varieties and determination of suitable crop management practices in Uganda
- UG-4 The National Agricultural Advisory Services Programme
- UG-5 Promotion of NARIC 3 Upland Rice in Uganda for Sustainable Household Food Security and Incomes project
- UG-6 Private Sector Development & Consultancy Center (PRICON)
- UG-7 Farm Income Enhancement and Forest Conservation Project (FIEFOC)
- UG-8 Agricultural Productivity Enhancement Program (APEP)
- UG-9 Livelihood and Enterprises for Agricultural Development (LEAD) Project
- UG-10 Investment in Developing Export Agriculture (IDEA)
- UG-11 Area-Based Agricultural Modernization Programme (AAMP)
- UG-12 District Livelihoods Support Programme
- UG-13 Community Agricultural Infrastructure Improvement Programme
- UG-14 Rural Financial Services Programme
- UG-15 Technical Assistance Support to Sustainable Irrigated Agriculture Development Project in Eastern Uganda
- UG-16 Technical Assistance Support to NERICA Rice Promotion Project
- UG-17 The Grant Aid Project for Establishment of Regional Rice Research and Training Center in the National Crops Resources Research Institute in the Republic of Uganda

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Uganda									
2. Title (Full name)	Dissemination of NERICA and Improved Rice Production Systems to Reduce Poverty and Food Deficit in Uganda									
3. Project Location	Hoima, Masindi, Gulu, Lira, Mbale, Tororo, Wakiso, Mpigi									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	6	9						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	FAO (Government of Japan)									
7. Budget	USD 1,239,983									
8. Project duration (dd/mm/yy)	Start: 29 Nov. 2006 End: 28 Nov. 2008									
9. Goal and objectives	<p>Goal: 1) To increase rice production and income of the resource-poor farmers' through up-scaling the dissemination of NERICA and other rice technologies. 2) To promote the efficient use of natural resources. 3) To build the national and local capacity in rice-based production systems.</p> <p>Obj.: 1) To disseminate NERICA rice and improved production technologies to 900 hectares in four project sites with the aim of improving rice production to reduce poverty and food deficit of the poor population with 30 percent increase in yield through organizing participatory workshops. 2) To increase the capacity of farming communities on Community-Based Production to assure adequate supply of NERICA rice seed for project's activities and eventually post-project expansion of NERICA rice production, as well as to manage rice technologies (tractors, dehullers, threshers, pumps, etc.) on a sustainable basis. 3) To strengthen national capacity in key areas, especially rice crop management and production, seed production and post-harvest activities for sustainable increased rice production</p>									
10. Target beneficiaries	<p>Direct : 1) Small-scale food insecure farmers (both men and women) 2) Extension workers</p> <p>Sec.:</p>									
11. Project component (activities)	<p>1.</p> <p>1.1.1. Organize a participatory workshop to raise awareness and participation of all stakeholders, to select first project site, and to identify participating farmers. 1.1.2. Purchase and distribute NERICA seeds, inputs and appropriate small farm tools and equipment for rice production, harvesting and post-harvest operation. 1.1.3. Purchase and introduce improved milling equipment and training of milling operators. 1.1.4. Conduct baseline surveys and participatory constraint analysis of rice production systems. 1.1.5. Organize field days. 1.2.1. Identify and introduce appropriate technology packages. 1.2.2. Conduct training of trainers. 1.2.3. Organize Farmer Field Schools and carry out training. 1.2.4. Prepare, publish and distribute guidelines and manual. 1.2.5. Organize regional and national level workshops. 1.2.6. Organize regional and national field days.</p> <p>2.</p> <p>2.1.1. Carry out inventories of suitable inland valley swamps for improvement. 2.1.2. Organize participatory meetings to sensitize farmers to participate in development work. 2.1.3. Organize training sessions on land and water development in inland valley swamp (IVS).</p>									

	<ol style="list-style-type: none"> 2. <ol style="list-style-type: none"> 2.2.1. Reactivate/consolidate FA. 2.2.2. Strengthen FA. 2.2.3. Organize management training for FA persons concerned. 2.3.1. Purchase and distribute foundation or registered seeds of NERICA, inputs, farm tools and equipment for seed production. 2.3.2. Organize training for contract seed growers and selected farmers on seed production, purification and conservation. 2.3.3. Arrangement of good but low-cost seed storage facilities. 2.3.4. Develop capacity of the agricultural extension unit. 2.3.5. Monitor and technically guide farmers. 2.3.6. Organize seed campaigns. 2.3.7. Prepare, publish and distribute guidelines and manual. 2.4.1. Clarify the future ownership of the equipment 2.4.2. Define management of each type of equipment. 2.4.3. Carry out training in the operation of each type of equipment. 2.4.4. Carry out training in the maintenance of each type of equipment. 3. <ol style="list-style-type: none"> 3.1.1. Organize short-term/intensive trainings for extension staff/national officers. 3.1.2. Provision of support to the participation the project coordinator in meetings. 3.1.3. Provision of support to the evaluation of new NERICA lines. 	
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. <ol style="list-style-type: none"> 1.1. NERICA rice grown on about 900 hectares and productivity increased by 30 percent. 1.2. The knowledge and skills of about 1800 farmers on crop management and rice-based cropping systems were improved through Farmer Field Schools. 2. <ol style="list-style-type: none"> 2.1. About 120 ha of swamp area in 3 project sites are being developed or reclaimed/rehabilitated with the participation of local farmers (40 ha/site). 2.2. The capacities of six Farmers' Associations (FA), incl. women's groups, were strengthened for their activities in NERICA seed production and marketing. 2.3. At least 200 tons of NERICA seeds produced and disseminated to poor farmers in two years (60 tons in the second season of the first year and 70 tons each season in the second year). 2.4. The rice equipment (tractors, dehullers, pumps, threshers, etc.) are managed by farmers' organizations or communities on a sustainable basis. 3. <ol style="list-style-type: none"> 3.1. The technical and managerial capacity of at least 36 extension workers, subject matter specialists on rice crop management and production, seed production and selected post-harvest activities were strengthened. 	
13. Inputs	<ol style="list-style-type: none"> 1. Personnel, Consultants, Contracts, Equipment and Materials 2. Training and Workshops 3. Duty travel 	
14. Implementing agency	Ministry of Agriculture, Animal Industry and Fisheries (MAAIF)	
15. Status of the project	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="text-align: center;">4</td> </tr> </table> 1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed	4
4		
16. Issues/problems	<ul style="list-style-type: none"> • Low implementation capacities of the farmers/farmer groups – this was built through training. • Low technical capacity of local government extension staff - this was built through training. • Poverty – among the beneficiaries. • Inadequate market information • Inadequate storage facilities • General lack of agricultural inputs, including inadequate credit facilities. 	

Keywords: NERICA, Seed production, Marketing, Farmers' associations, Agricultural technology dissemination, Inland valley swamps, Capacity building

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Uganda									
2. Title (Full name)	Project for Agriculture and Rural Development through Innovative Rice-based Farming Systems for Food Security and Poverty Reduction in Republic of Uganda									
3. Project Location	Central – North part of Uganda involving 9 districts namely Amolotar, Amoro, Apac, Dokolo, Gulu, Kitgum, Lira, Oyam and Pader									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	6	9						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	FAO (Government of Japan)									
7. Budget	USD 1,499,400									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2010									
9. Goal and objectives	<p>Goal: 1) To increase rice production and income of the resource-poor farmers' by promoting innovative NERICA rice-based technologies. 2) To anchor the Internally Displaced Persons (IDPs) on their farms.</p> <p>Obj.: 1) Strengthening national capacity in the formulation of programme aiming at reducing hunger and poverty in rural areas through sustainable increase of rice production. 2) Enhancement of the sustainable intensification of rice-based production systems through introduction of innovative practices in NERICA-based cropping systems. 3) Development of a sustainable quality seed production and distribution systems of NERICA rice varieties at national and community levels 4) Improvement of rice post-harvest technologies at household/community level through demonstrations, rehabilitation of post-harvest pilot centers and dissemination of technologies in line with identified needs.</p>									
10. Target beneficiaries	<p>Direct 1) Small-scale food insecure farmers (both men and women) 2) Extension workers</p> <p>Sec.:</p>									
11. Project component (activities)	<p>1.</p> <p>1.1.1 Establish national Project Steering Committee (PSC) 1.1.2 Establish Project Technical Working Group (PTWG) 1.1.3 Conduct baseline survey and finalize selection of the project sites. 1.1.4 Organize project workshops (Inception, Mid-term and Final). 1.1.5 Conduct monitoring and evaluation of the project activities.</p> <p>1.2.1 Formulate medium-term (four years) programme for the adoption of improved rice/NERICA-based farming systems in Northern Uganda</p> <p>2.</p> <p>2.1.1. Purchase and distribute seeds NERICA 1, 4 and 10; fertilizers, herbicides, other agrochemicals; equipments and small farm tools. 2.1.2 Introduce promising appropriate cropping systems to facilitate successful adoption. 2.1.3 Organize two regional field days, and one at each FFS for stakeholders and beneficiaries. 2.2.1 Identify locations and establish 70 FFS in nine districts. 2.2.2 Identify and train 35 Facilitators from nine districts in establishing and operating FFS. 2.2.3 Train 2,100 farmers through FFS on NERICA crop production, cropping systems and use of farm equipments. 2.2.4 Train 30 farmers and technicians in utilization and maintenance of farm equipments. 2.2.5 Update, translate and publish manuals, brochures and guidelines on cultivation of NERICA. 2.2.6 Organize Farmers' Field Days. 2.3.1 Establish farmers field schools. 2.3.2 Build capacity of FFS groups to sustainably operate project activities. 2.4.1 Enlist the rice-based cropping systems for each district. 2.4.2 Establish 70 study plots by farmers in the districts testing various cropping systems. 2.5.1 Procure 20 units of small tractors, and 270 units of planting equipment, i.e., Jab Planters (135 units) and Line Markers (135 units) 2.5.2 Organize the use of the equipments on farm. 2.6.1 Identify 30 farmers for each FFS for training 2.6.2 Train farmers in growing NERICA.</p> <p>3.</p> <p>3.1.1 Contract NaCRRI to develop 2 ha of area for producing Basic Seeds of NERICA varieties. 3.1.2 Procure one set of Seed Grader and install at NaCRRI Namulonge. 3.1.3 Procure a set of seed drying equipment and install at NaCRRI Namulonge</p>									

	<ol style="list-style-type: none"> 3. <ul style="list-style-type: none"> 3.2.1 Procure 1 ton of Basic Seed of NERICA varieties and distribute to seed growers 3.2.2 Procure agrochemicals and distribute to seed growers. 3.2.3 Training of about 30 seed growers in seed production of NERICA varieties. 3.2.4 Organize seed production and contract visits of Seed Certification Inspectors to NSCS of MAAIF. 3.2.5 Procure about 100 tons of seeds from seed growers and arrange storage. 3.2.6 Link seed growers to rice seed traders. 3.3.1 Identify need of enhancing capacity of NSCS of MAAIF 3.3.2 Provide needed support to NSCS of MAAIF to enable them to travel and inspect seed production fields. 3.4.1 Identify the trainees among project beneficiaries. 3.4.1 Develop course curriculum and decide location. 3.4.2 Organize the training of about 18 trainees.
	<ol style="list-style-type: none"> 4. <ul style="list-style-type: none"> 4.1.1 Identify the critical problems in rice post harvest. 4.1.2 Identify the equipments for rice threshing and storage, and milling. 4.1.3 Procure 18 units of rice thresher, 72 units of storage bins, and 9 units of rice mills, distribute and install. 4.2.1 Assess the present status and activities. 4.2.2 Rehabilitate the centre and make it operational. 4.3.1 Identify the training need on post-harvest and prepare training material for formal and informal trainings. 4.3.2 Identify the trainees and locations of the training. 4.3.3 Train the trainees at every district levels 4.4.1 Production of leaflets, brochures, signposts and other information and publicity materials on NERICA Project activities. 4.4.2 Participate in and display NERICA Project information and published materials at national and district agricultural shows, World Food Day and UN day. 4.4.3 Organize media and joint FAO, Embassy of Japan and MAAIF field project site visits. 4.4.4 Prepare and place articles in local print media and organize radio and TV talk shows.
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. <ul style="list-style-type: none"> 1.1 National structure for coordination and implementation of project's activities established and made functional 1.2 National programme for extension of the adoption of improved rice/NERICA-based farming systems formulated 2. <ul style="list-style-type: none"> 2.1 About 450 ha in the 1st year and 900 ha in the 2nd year grown under three NERICA rice varieties by farmers. 2.2 Total of 70 Farmers Field Schools (FFS) established in nine districts. 2.3 Farmers Groups (70) linked to FFS established and trained on present and post-project handling for sustaining project outputs. 2.4 Improved rice-based cropping systems, management practices for intensive and diversified crop rotations established. 2.5 Small and appropriate tools/implements for rice and other crops production as mechanization alternatives introduced and demonstrated. 2.6 More than 2,100 farmers trained in NERICA crop production technology. 3. <ul style="list-style-type: none"> 3.1 About 1.5 tonnes of Foundation Seed of NERICA 1, 4 and 10 produced by NaCRI Namulonge. 3.2 About 100 tonnes of Certified Seed of NERICA 1, 4 and 10 produced by farmers from about 50 ha to cover the project target area of 1 350 ha. 3.3 Government capacities enhanced for seed quality analysis, quality control and certification. 3.4 Seed enterprises are trained for successful seed business. 4. <ul style="list-style-type: none"> 4.1 Critical rice post harvest technologies for harvesting, drying, cleaning, threshing, storage and milling identified and introduced. 4.2 Establish one post-harvest rice training sub-centre in Ngetta ZADRI. 4.3 More than 30 farmers, technicians and artisans on rice post-harvest equipment and technologies trained. 4.4 Improved awareness, publicity and visibility of project contribution to rice industry development in Uganda.
13. Inputs	<ol style="list-style-type: none"> 1. Personnel, Consultants, Contracts, Equipment and Materials, 2. Training and Workshops 3. Duty travel
14. Implementing agency	Ministry of Agriculture, Animal Industry and Fisheries (MAAIF)
15. Status of the project	3 1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed
16. Issues/problems	

Keywords: NERICA, Farmers Field School, Agricultural technology dissemination, Seed production, Cropping system

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Uganda										
2. Title (Full name)	Participatory evaluation of upland rice varieties and determination of suitable crop										
3. Project Location	Luweero, Masindi, Iganga, Wakiso and Mubende Districts										
4. Type of project	<table border="1"> <tr> <td>1</td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector</p>	1									
1											
5. Field of support	<table border="1"> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.</p>	2									
2											
6. Fund sources (Funding agency)	The Rockefeller Foundation										
7. Budget	USD 118,650										
8. Project duration (dd/mm/yy)	Start: 2004 End:										
9. Goal and objectives	Goal: Obj.: (i) identify new superior upland rice varieties (ii) identify suitable and appropriate upland rice crop management practices for use by farmers.										
10. Target beneficiaries	Direct Sec.:										
11. Project component (activities)	1. Evaluate new rice varieties with participation of farmers 2. Carry out studies on seed rate 3. Determine optimal fertilizer rates 4. Conduct training of farmers the recommended crop management practices										
12. Expected results (outputs)	1. New superior upland rice varieties identified 2. Suitable and appropriate upland rice crop management practices for use by farmers identified										
13. Inputs	Research activities										
14. Implementing agency	National Agricultural Research Organization (NARO)/National Crops Resources Research Institute (NaCRRI)										
15. Status of the project	<table border="1"> <tr> <td>4</td> <td>1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed</td> </tr> </table>	4	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
4	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed										
16. Issues/problems											

Keywords: Cultivation trial, NERICA, upland rice, crop management, cultivation method,

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Uganda
2. Title (Full name)	The National Agricultural Advisory Services Programme
3. Project Location	Nationwide
4. Type of project	2 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Field of support	2 <input type="checkbox"/> 3 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.
6. Fund sources (Funding agency)	International Development Association (IDA)/The World Bank, International Fund for Agricultural Development (IFAD), European Commission (EC), Ireland Aid, Netherlands Development Assistance, Danish International Development Assistance (DANIDA) and Department for International Development (DFID) (United Kingdom), Central Government, District Governments, Sub-County Governments, Beneficiaries
7. Budget	Total cost: USD 107.9 million World Bank/IDA (USD 45.0 million), IFAD loan: USD 17.5 million, Central Government: USD 8.64 million, District Governments: USD 5.39 million, Sub-County Governments: USD 5.39 million, Beneficiaries: USD 2.15 million, etc.
8. Project duration (dd/mm/yy)	Start: 2001 End: 2010
9. Goal and objectives	Goal: Increased security of rural livelihoods through sustainable improvements in agricultural production and increased commercialization of farming Obj.: Farmers apply improved farming and farm management practices, and solve technical and marketing problems 1) Promote a change in the approach to providing agricultural services 2) Initiate processes of farmer and community empowerment and enhanced local fiscal and operational viability 3) Ultimately reduce the share of government spending on direct agricultural extension services
10. Target beneficiaries	Direct 533,000 households (mainly smallholder farmers) Sec.:
11. Project component (activities)	1. Appropriate advice and information made available to differentiated categories of farmers in a cost-effective manner 2. Appropriate technologies available in sufficient quantities to meet farmers' identified needs 3. Quality of advice and information provided by service providers assured 4. Capacity of private-sector service providers to meet identified farmer advice and information needs sustainably enhanced 5. Appropriate institutional structures and capacity to operate the programme effectively, developed at all levels
12. Expected results (outputs)	1. Appropriate advice and information made available to differentiated categories of farmer in a cost-effective manner 2. Appropriate technologies available to meet identified farmer needs 3. Quality of advice and information provided by service providers assured 4. Capacity of private-sector service providers to meet identified farmer advice and information needs sustainably enhanced 5. Appropriate institutional structures and capacity to operate the programme effectively, developed at all levels
13. Inputs	1. Mobilization and Local Organizational Development 2. Service Contract Provision 3. Programme Management
14. Implementing agency	Ministry of Agriculture, Animal Industries and Fisheries (MAAIF)
15. Status of the project	3 <input type="checkbox"/> 1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed
16. Issues/problems	

Keywords: Agricultural extension services, Agricultural technology transfer

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Uganda									
2. Title (Full name)	Promotion of NARIC 3 Upland Rice in Uganda for Sustainable Household Food Security and Incomes project									
3. Project Location	Wakiso, Mpigi, Masaka, Rakai, Kiboga, Kayunga, Mubende, Sembabule, Nakasongola, Apac, Kaberamaido Districts									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	5	6	8	9				
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	United Nations Development Programme (UNDP)									
7. Budget	Original Budget: USD 168,000; Revised final Budget: USD 310,000									
8. Project duration (dd/mm/yy)	Start: 2004 End: 2006									
9. Goal and objectives	<p>Goal: To alleviate poverty through improving household food security and incomes by engaging farmers in the 11 districts into growing NARIC3; training them in marketing and link aging them to small scale agro-processing industries</p> <p>Obj.: To provide 1500 farmers from 6 selected sub-counties with agricultural inputs and extension services for increased productivity and enhanced household food security; To provide 6 communities in 6 sub-counties provided with technical skills, entrepreneurship training and advisory services in income generation activities</p>									
10. Target beneficiaries	Direct Smallholder farmers, Small scale agro-processing industries Sec.:									
11. Project component (activities)	<ol style="list-style-type: none"> Distributing NARIC3 rice seed to farmers on seed loan revolving basis Training the farmers in marketing of the rice Introducing rice to small scale agro-processing industries through linkages with the private sector Organizing the farmers in enterprise based associations for collective marketing of their produce, mobilizing savings and accessing credit 									
12. Expected results (outputs)	<ol style="list-style-type: none"> Smallholder farmers' production and productivity of upland rice for the market increased through provision of agricultural inputs and extension services. Smallholder farmers' incomes increased through improved access to existing and new rice grain and seed sustainable markets. Smallholder farmer's institutional capacity to competitively participate in the rice value chain built and strengthened. Project achievements, successes and challenges documented and disseminated for wider uptake by development initiatives in Uganda. 									
13. Inputs	<ol style="list-style-type: none"> Activity cost Personnel cost Provision of seeds, bicycles, equipments 									
14. Implementing agency	Executing agency: Aid Liaison Department (ALD) of the Ministry of Finance, Planning and Economic Development (MFPED), Implementing agency: Africa 2000 Network									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems	There was much more focus on farm production enterprises versus off-farm enterprises; Due to increase in the targeted households, there was a reduction in seed supplied per household; Contact with the farmers was only limited to awareness creation, group formation and limited extension services thus inadequate monitoring /follow up									

Keywords: Value chain, NERICA, Agro-processing, Marketing, Agricultural technology transfer

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Uganda									
2. Title (Full name)	Private Sector Development & Consultancy Center (PRICON)									
3. Project Location	Kabalore District									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	3	4	5	6	7	9			
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	United Nations Development Programme (UNDP)									
7. Budget	USD 45,000									
8. Project duration (dd/mm/yy)	Start: 2006 End: 2009									
9. Goal and objectives	Goal: To enhance the capacity of the rice farmers to increase production of quality rice and marketing Obj.: To enhance the capacity of selected rice producing communities in Kakooga & Nyabweya to increase production per acre									
10. Target beneficiaries	Direct Private enterprises Sec.: Farmers									
11. Project component (activities)	<ol style="list-style-type: none"> 1. To train farmers in the best production methods from land preparation, seed selection, planting, harvesting, post harvest handling & marketing. 2. To equip selected farmers with the skills in ToTs for sustainability of the skills within the communities. 3. To train farmers in pest pesticides & herbicides handling. Also selection of appropriate fertilizers. Linkage of farmers to agro input dealers was also done. 4. Linkage of farmers to markets and agro processors for value addition. 5. Setting up of rice Demonstration schools for practical learning of the skills. 6. Setting up of marketing associations and receipt ware house systems to enable farmers access markets. 									
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. Increased rice production per acre & hence improved quality of life 2. Quality processing and packaging of rice 3. Improve soil management and selective use of fertilizers. 4. Sustained access to best production methods from the rice demonstration schools and from ToTs 									
13. Inputs	<ol style="list-style-type: none"> 1. Training 2. Demonstration site 3. Seeds 									
14. Implementing agency	Private Sector Development & Consultancy Center (PRICON)									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems	Lack of the capacity to acquire agricultural machinery for extensive commercial farming. Equipments like tractors, huller, improved storage facilities and access to									

Keywords: NERICA, Private companies, Seed production, Agricultural technology transfer

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Uganda									
2. Title (Full name)	Farm Income Enhancement and Forest Conservation Project (FIEFOC)									
3. Project Location	Not yet fixed (as of March 2009)									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	5	7						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	African Development Bank (AfDB) Nordic Development Fund (NDF)									
7. Budget	Total cost: USD 76.72 million (EUR 61.4 million) AfDB: EUR 37.3 million, NDF: EUR 5.0 million									
8. Project duration (dd/mm/yy)	Start: 2008 End:									
9. Goal and objectives	Goal: To contribute to poverty reduction in Uganda. Obj.: To improve farm incomes, rural livelihood and food security through sustainable natural resources management and agricultural enterprises development.									
10. Target beneficiaries	Direct: Governmental officials, service providers and involved stakeholders Sec.: communities, civil society, NGOs, CBOs, private investors, users, producers, urban poor, women, unemployed youths, students and business									
11. Project component (activities)	1. Support to the Forestry Sector 1) Community Watershed Management 2) Tree Planting 2. Agricultural Enterprise Development 1) Soil Fertility Management 2) Small Scale Irrigation and Crop Development 3) Apiculture Promotion 4) Agricultural Marketing 3. Support to Project Coordination and Management									
12. Expected results (outputs)	1. 1) Watershed Management culture by community groups and households develop 2) Enabling environment for households' participation in tree planting for wood supply and environmental protection created through community mobilization and capacity building support to the Forestry Sector. 2. 1) Sustainable crop production promoted through improved soil conservation and fertility management. 2) Small-Scale irrigation and water harvesting techniques developed to support rain fed agriculture and supplement household water requirements. 3) Apiculture promoted to enhance income to farming families and community participation in biodiversity conservation. 4) Agricultural Crops effectively marketed. 3. Project Coordination strengthened									
13. Inputs	Finance activities in the categories of works, goods, services (including training), as well as miscellaneous operating costs									
14. Implementing agency	Ministry of Agriculture, Animal Industries and Fisheries (MAAIF) Ministry of Water Lands and Environment (MWLE)									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems										

Keywords: Marketing, Small scale irrigation, Sustainable crop production, Soil conservation

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Uganda									
2. Title (Full name)	Agricultural Productivity Enhancement Program (APEP)									
3. Project Location	Adjumani, Apac, Arua, Bugiri, Bundibugyo, Bushenyi, Busia, Hoima, Iganga, Jinja, Kabarole, Kaberamaido, Kamuli, Kamwenge, Kapchorw, Kasese, Katakwi, Kayunga, Kibaale, Kiboga, Kumi, Kyenjojo, Lira, Luweero, Masaka, Masindi, Mayuge, Mbale, Mbarara, Moyo, Mpigi, Mtungamo, Mubende, Mukono, Nakasongola, Nebbi, Pallisa, Rakai, Sironko, Soroti, Tororo, Wakiso, Yumbe									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	3	4	5	6	8				
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	US Agency for International Development (USAID)									
7. Budget										
8. Project duration (dd/mm/yy)	Start: Nov. 2003 End: 2008									
9. Goal and objectives	Goal: To expand rural economic opportunities and increase household income in the agricultural sector by increasing food and cash crop productivity and marketing. Obj.: To increase commercialization of targeted commodities									
10. Target beneficiaries	Direct 250,000 households supported by USAID APEP; 80,000 on-and off-farm jobs created; and : 600 on- and off-farm enterprises created Sec.:									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Technology generation, including agricultural research 2. Technology transfer, through farmer field demonstrations 3. Post-harvest handling 4. Producer organization strengthening 5. Private sector input supply 6. Training 7. Market development and market intelligence 8. Agricultural investment promotion 9. Agricultural finance 10. Agro-processing 11. Policy advocacy 12. Biotechnology and biosafety 									
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. Increased enterprise efficiencies <ol style="list-style-type: none"> 1.1 Access to agribusiness services expanded 1.2 Market access increased 1.3 Producer-market alliances identified and supported 1.4 Investment in private sector agriculture increased 2. Increased on-farm productivity <ol style="list-style-type: none"> 2.1 Producer organizations developed and strengthened 2.2 Access to improved production technologies and practices increased 2.3 Multiplication & distribution of planting materials in northern Uganda 3. Improved enabling environment <ol style="list-style-type: none"> 3.1 Policy constraints to increased agricultural commercialization identified and addressed 3.2 Agricultural training becomes more demand driven and private-sector oriented 3.3 Biotechnology regulatory environment established and strengthened 3.4 Agricultural research re-oriented to become more demand-driven 									
13. Inputs	<ol style="list-style-type: none"> 1. Activities cost 2. Personnel cost 3. Provision of machinery and equipments 									
14. Implementing agency	USAID APEP									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems										

Keywords: Value chain, Production technologies, agribusiness, Producer organizations,

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Uganda									
2. Title (Full name)	Livelihood and Enterprises for Agricultural Development (LEAD) Project									
3. Project Location										
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	5	6	8					
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	US Agency for International Development (USAID)									
7. Budget	USD 35 million for 5 years									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2013									
9. Goal and objectives	Goal: Increasing rural household livelihoods and income Obj.:									
10. Target beneficiaries	Direct Farmers Sec.:									
11. Project component (activities)	1. Training 2. Agricultural extension 3. Market linkage 4. Producer organization strengthening 5. Value chain approach 6. Establishment and strengthening of FFS 7. Financial assistant (Grant)									
12. Expected results (outputs)										
13. Inputs	1. Activities cost 2. Personnel cost 3. Provision of machinery and equipments 4. Grant									
14. Implementing agency	Association of Rural Development (ARD)									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems										

Keywords: Value chain, Agricultural extension, Marketing, Producer organization, Farmers Field School (FFS)

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Uganda									
2. Title (Full name)	Investment in Developing Export Agriculture (IDEA)									
3. Project Location										
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	5	6						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	US Agency for International Development (USAID)									
7. Budget	USD 30,058,284									
8. Project duration (dd/mm/yy)	Start: 24 Feb. 1995 End: 23 Jun. 2004									
9. Goal and objectives	Goal: Increased income for rural men and women. Obj.: To increase the value and volume of selected non-traditional agricultural exports (NTAEs) and selected food products as a source for increased rural incomes.									
10. Target beneficiaries	Direct Producers, traders, and exporters Sec.:									
11. Project component (activities)	<ol style="list-style-type: none"> 1. <ol style="list-style-type: none"> 1.1 Generation of Efficient Production Technologies 1.2 Promotion of Efficient Production & Post Harvest Technologies 2. <ol style="list-style-type: none"> 2.1 Functioning Input Supply System 2.2 Seed Multiplied & Distributed 3. <ol style="list-style-type: none"> 3.1 Market Information System in Operation 3.2 Rural Agricultural Marketing Systems (RAMS) 3.3 Out grower Initiative 3.4 Increased Exports 3.5 Agricultural Processing Promoted 4. <ol style="list-style-type: none"> 4.1 Efficient Production Technologies Promoted 4.2 Increase in Market Opportunities 4.3 Improved Quality and Post-harvest Handling 4.4 Increased Volumes of Production 4.5 Agricultural Processing Promoted 5. <ol style="list-style-type: none"> 5.1 Improved Airport Handling System 5.2 Consolidation of Freight 5.3 Institutional Systems in Place 									
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. Increased use of efficient production technologies 2. Increased sustainability of input supply 3. Increased market efficiency 4. Increased capacity of firms to respond to global market requirements through increased efficiency and competitiveness 5. Increased capacity of sector to provide efficient support services to exporters 									
13. Inputs	<ol style="list-style-type: none"> 1. Activity cost (Training, etc.) 2. Personnel cost 3. Provision of machinery and equipments 4. Grant 									
14. Implementing agency	USAID IDEA									
15. Status of the project	4	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems										

Keywords: Non-traditional agricultural exports (NTAEs), Income generation, Agricultural technology transfer, Agro-processing, Marketing

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Uganda									
2. Title (Full name)	Area-Based Agricultural Modernization Programme (AAMP)									
3. Project Location	16 Districts of Bundibugyo, Bushenyi, Kabale, Kabarole, Kamwenge, Kanungu, Kasese, Kisoro, Kyenjojo, Mbarara, Ibanda, Kiruhura, Isingiro, Ntungamo, Rukungiri, and Sembabule									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	5	6	8					
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	International Fund for Agricultural Development (IFAD), African Development Bank (AfDB), Government of Uganda									
7. Budget	Total cost: USD 16.1 million IFAD loan: USD 13.2 million, Contribution of borrower: USD 1.5 million, Contribution of beneficiaries: USD 1.4 million									
8. Project duration (dd/mm/yy)	Start: 14 Nov. 2003 End: Dec. 2008									
9. Goal and objectives	Goal: To contribute to poverty alleviation by increasing household incomes through increased agricultural productivity Obj.: Smallholder agriculture modernized in the Area-Based Agriculture Modernization Programme (AAMP) districts.									
10. Target beneficiaries	Direct : (a) economically active smallholders living in the rural areas who wish to participate in commercial agriculture; and (b) existing or potential small-scale entrepreneurs and business associations who provide services to rural households (312,500 households) Sec.:									
11. Project component (activities)	<p>1. Agricultural Commercialization</p> <ul style="list-style-type: none"> - Technical Support to Farming Enterprises · Assist the operations of the field extension workers to support farmer's economic interest groups. · Strengthen farmers' access to up-to-date technical information and advice. · Support farm-based testing of technology, priority onstation investigations under contract to the National Agriculture Research Organization (NARO). · Undertake studies/surveys related to farming systems in AAMP districts. - Business Development and Improved Market Linkages · Provide agribusiness training to interest groups. · Make matching grants to interest groups for accessing support from private sector and NGOs to Make Market linkages. · Purchase air time on local radio to disseminate technical, price and Market information. - Microfinance Training · Assess demand for training. · Select an organization to undertake the training and one to train the trainers. · Carryout the training. · Evaluate the training. - Capacity-building · Provide technical and agribusiness in-service training. · Facilitate the operation of the district based Technology Adaptation Specialists. 									

	<p>2. Rural Infrastructure Development</p> <ul style="list-style-type: none"> · Identification and planning of rural infrastructure investments. · Construction and/or rehabilitation of rural infrastructure. · Operation and maintenance of the infrastructure developed. - Capacity-building · Provide training for district and county Works Section Staff. · Facilitate the operation of the district technical staff and Roads Inspectors <p>3. Community Mobilization</p> <ul style="list-style-type: none"> · Hold district and sub-county start-up workshops. · Train the Community Development Officers and Community Development Assistants. · Awareness creation and community mobilization. <p>4. Programme Facilitation</p> <ul style="list-style-type: none"> · Set up and operate appropriate financial management, accounting, monitoring, reporting and audit system. · Provide technical support to the districts. · Organize beneficiary monitoring of the programme. · Arrange for external evaluations and for the Mid-term Review and Programme Completion Reviews.
12. Expected results (outputs)	<p>1. Increased involvement of the private sector in support of the further commercialization of smallholder agriculture.</p> <p>2. Improved capacity among economically active farmers to organize themselves to gain better access to rural services (technical, financial and marketing).</p> <p>3. Sustainable development and improvement of rural infrastructure.</p> <p>4. Increased public-sector capacity to respond to production needs identified by interest groups/rural communities.</p>
13. Inputs	1. Activities cost
14. Implementing agency	EXECUTING AGENCY: Ministry of Local Government in collaboration with ten district local governments
15. Status of the project	4 1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed
16. Issues/problems	

Keywords: Agriculture Modernization, Rural Infrastructure, Farming Enterprises, Microfinance, Smallholder agriculture, Commercialization, Community Development

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Uganda									
2. Title (Full name)	District Livelihoods Support Programme									
3. Project Location	Kamwenge, Kyenjojo, Kabarole, Bundibugyo, Bugiri, Buliisa, Nakaseke, etc.									
4. Type of project	1	2	3	4	5	6	7	8	9	10
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	5	7	8	9	10	11	12	13
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	International Fund for Agricultural Development (IFAD) Belgian Survival Fund for the Third World (BSF)									
7. Budget	Total cost: USD 38.9 million IFAD loan: USD 27.4 million, IFAD grant: USD 400,000, Belgian Survival Fund for the Third World (BSF): USD 4.8 million, Contribution of borrower: USD 4.95 million, Contribution of beneficiaries: USD 1.34 million									
8. Project duration (dd/mm/yy)	Start: 2007 End: 2014									
9. Goal and objectives	Goal: Significant improvement in standard and sustainability of the livelihoods of poor rural households (HHs) Obj.: <ul style="list-style-type: none"> • Rural communities mobilized, self-reliant, and even poorest benefit from DLSP activities and funds • Productivity and incomes of HHs increased and more sustainable • Land tenure rights formalized; communal land better managed, rationally utilized and protected • Critical infrastructure provided or improved and accessible • Districts, Sub-counties, Parishes supported to deepen decentralization 									
10. Target beneficiaries	Direct The poor in the 13 districts (100,000 households) Sec.:									
11. Project component (activities)	<ol style="list-style-type: none"> 1. Community Mobilization, Savings and Services 2. Agriculture and Land Management 3. Access Road, Water Infrastructure 4. District, Sub-county Execution 5. Programme Liaison 									
12. Expected results (outputs)	<ol style="list-style-type: none"> 1. Exclusion overcome, groups set up; people informed, trained, self-reliant; gender balance more equitable 2. Farmer, fisher folk groups, with increased production and income Individual occupier land certificates; better practices; and communal lands management systems in place 3. Water, sanitation coverage increased; resultant hygiene, disease reduction Roads access to markets, services assured and o&m satisfactory 4. Key LG Departments, agencies enabled to operate effectively, with improved gender balance in cadres 5. Effective, smooth progress of DLSP by: oversight of operations, financial control, support of M&E, mentoring of new Districts and Donor liaison 									
13. Inputs	Activities cost									
14. Implementing agency	Executing agencies: Ministry of Local Government and the district councils and administrations of 13 districts									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems										

Keywords:

Community mobilization, Land management, Land tenure, Infrastructure development

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Uganda									
2. Title (Full name)	Community Agricultural Infrastructure Improvement Programme									
3. Project Location	Amolatar, Amuria, Bukedea, Dokolo, Jinja, Gulu, Kaberamaido, Katakwi, Amuru, Kitgum, Kumi, Lira, Pader, Soroti, Wakiso, Budaka, Bududa, Bukwa, Butaleja, Iganga, Kaliro, Kamuli, Kapchorwa, Kayunga, Kibaale, Kiboga, Lyantonde, Manafwa, Masaka, Mbale, Mityana, Mpigi, Mubende, Mukono, Nakasongola, Namutumba, Pallisa, Rakai, Sironko, Ssembabule, Tororo									
4. Type of project	2									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	5	6						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	African Development Bank (AfDB) International Fund for Agricultural Development (IFAD)									
7. Budget	Total cost: USD 65.0 million African Development Bank (AfDB)/ADF: USD 43.8 million, IFAD loan: USD 15.0 million, Government of Uganda: USD 5.5 million, Beneficiaries: USD 0.6 million									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2013									
9. Goal and objectives	Goal: Contribute to poverty reduction and economic growth in Uganda through enhanced commercialization of agriculture. Obj.: 1. To increase access to markets through infrastructure and rural roads 2. To encourage competitive prices and increased incomes through sustainable management of the rural infrastructure									
10. Target beneficiaries	Direct Rural households in 97 participating sub-counties in the 13 Districts in the North and 28 Districts in Central and East 200,000 households (200,000 households) Sec.:									
11. Project component (activities)	1. Rural Infrastructure Improvement 1) Support to Rural road improvement 2) Support to Sub-county Market Structures + Agro-Industry services 3) Rural electrification for markets 2. Community Mobilization and Capacity building 3. Project Management (PFT) and Coordination									
12. Expected results (outputs)	1. District and Community Roads rehabilitated and maintained 2. Market structures constructed and maintained 3. Agro-processing units installed and in use 4. Increased access to market information and new skills, especially for women 5. Timely and problem free implementation 6. Maintain operations within budget									
13. Inputs	Activities cost									
14. Implementing agency	Executing agency: Ministry of Local Government									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems										

Keywords: Agricultural Infrastructure, Community Mobilization, Market structures, Market information, Agro-processing, Rural road, Rural electrification

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Uganda				
2. Title (Full name)	Rural Financial Services Programme				
3. Project Location	Throughout the country				
4. Type of project	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: center;">2</td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> </table> <p>1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector</p>	2			
2					
5. Field of support	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: center;">5</td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> </table> <p>1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.</p>	5			
5					
6. Fund sources (Funding agency)	International Fund for Agricultural Development (IFAD)				
7. Budget	Total cost: USD 24.5 million IFAD loan: USD 18.4 million, Government of Uganda: USD 1.10 million, Microfinance institutions: USD 4.63 million, Beneficiaries: USD 352 827				
8. Project duration (dd/mm/yy)	Start: 2004 End: 2011				
9. Goal and objectives	<p>Goal: Reduction of rural poverty through sustained increase of on-farm and off-farm income generating activities resulting from increased access to financial services.</p> <p>Obj.: Contribute towards the development of a sustainable and responsive rural microfinance industry through:</p> <p>(a) strengthening the institutional capacity and rural accessibility of Microfinance Institutions (MFIs); and</p> <p>(b) enhancing the rural population's capacity to access financial services for income generation.</p>				
10. Target beneficiaries	Direct Microfinance Institutions (MFIs) Sec.: 26,000 households				
11. Project component (activities)	<ol style="list-style-type: none"> 1. Promotion of Products Innovation: <ul style="list-style-type: none"> · Matching grants to study and/or pilot test innovative rural financial products, particularly those with an agricultural or HIV/AIDS dimension 2. Rural Area Penetration: <ul style="list-style-type: none"> · Matching grants to establish new community-based MFIs · Matching grants to set up new branches for existing MFIs · Matching grants to start rural sub branches of formal banks · Matching grants to start up new agricultural schemes in existing formal bank branches 3. Strengthening of Training Market: <ul style="list-style-type: none"> · Matching grants to develop appropriate training courses for rural MFIs by service providers · Matching grants to train local trainers in course concepts developed 4. MFI Capacity-Building: <ul style="list-style-type: none"> · Matching grants for MFI to procure capacity-building services from local training market · Matching grants to MFIs to procure basic equipment linked to capacity improvements 5. Promotion of a Rural Business Culture: <ul style="list-style-type: none"> · Technical and business skills training · Functional literacy training · Radio programmes on business culture, HIV/AIDS, etc. · Exchange of experience by farmers, service providers 				

	<p>6. Support to Apex Structures:</p> <ul style="list-style-type: none"> · Training and provision of equipment · Financing of information programmes · Partial financing of AMFIU's operating costs after PY-3 <p>7. MFI Upgrading Scheme:</p> <ul style="list-style-type: none"> · Grants and advisory services to MFIs to support their transition to microfinance deposit-taking institutions <p>8. Programme Administration and Monitoring:</p> <ul style="list-style-type: none"> · Establish PAU and MIS · Contract implementing agencies · Carry out mid-term evaluation
12. Expected results (outputs)	<p>1. Promotion of Product Innovations: The introduction of innovative financial products that enhance the benefit from rural financial services.</p> <p>2. Rural Area Penetration: Increased supply of microfinance services in rural areas through the expansion of viable service networks into under banked areas.</p> <p>3. Strengthening of Training Market: Improved access to appropriate capacity-building services by microfinance providers with rural orientations</p> <p>4. MFI Capacity-Building: Improved capacity of the microfinance training service providers to satisfy the demand by microfinance institutions.</p> <p>5. Promotion of a Business Culture: Improved knowledge and skills of rural clients to increase production for market and to use financial services effectively.</p> <p>6. Support to Apex Structures:</p> <ul style="list-style-type: none"> · Apex structures (AMFIU, Uganda Cooperative Alliance and UCSCU) are strengthened to perform the role of network coordinators and promote MFI expansion and self-regulation · Commercial activities developed to increase apex institutions' sustainability · Regular audits of MFIs by apexes · MFI performance monitoring and setting performance standards <p>7. MFI Upgrading Scheme: A growing number of qualified MFIs upgraded into microfinance deposit-taking institutions.</p> <p>8. Programme Administration, Monitoring and Evaluation: RFSP is implemented efficiently and relevant data is generated regularly by the management information system.</p>
13. Inputs	<p>1. Activities cost</p> <p>2. Grant</p>
14. Implementing agency	Executing Agency: Ministry of Finance, Planning and Economic Development (MFPED)
15. Status of the project	3 1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed
16. Issues/problems	

Keywords: Microfinance, Business

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Uganda									
2. Title (Full name)	Technical Assistance Support to Sustainable Irrigated Agriculture Development Project in Eastern Uganda									
3. Project Location	22 districts (Budaka, Bugiri, Kumi, Sironko, Iganga, Tororo, Mayuge, Busia, Mbale, Kamuli, Soroti, Katakwi, Kaberamaido, Pallisa, Bukedea, Namutumba, Butaleja, Manafwa, Kaliro, Amuria, Bududa, Jinja)in Eastern Uganda									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4	6	7						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	JICA									
7. Cost	Total: USD 3,500,000									
8. Project duration (dd/mm/yy)	Start: 07/2008 End: 06/2011									
9. Goal and objectives	Goal: Farmers' income is increased in Uganda Obj.: Production and productivity of rice are increased through introduction of sustainable irrigated agriculture techniques in the Project Sites in the targeted Districts									
10. Target beneficiaries	Direct: District officials, model farmers at the project sites Secondary: Rice farmers in the selected districts									
11. Project component (activities)	<p>1-1. Carry out the baseline survey, and select the Project Sites and Model Farmers</p> <p>1-2. Establish a liaison office to coordinate Project activities and communicate with respective targeted Districts</p> <p>1-1. Plan training programs in the Project Sites in the targeted Districts</p> <p>1-2. Prepare technical manuals and text books necessary for trainings</p> <p>1-3. Support Central and Local Governments to conduct Environmental Impact Assessment (EIA)</p> <p>1-4. Establish the Project Sites in the targeted Districts</p> <p>1-5. Train Officials in targeted Districts, on irrigated agriculture techniques and demonstration methods</p> <p>2-1. Train Model Farmers on irrigated agriculture techniques and demonstration methods</p> <p>2-2. Support establishment of farmers groups</p> <p>2-3. Conduct trainings for strengthening farmers groups, i.e.: (a) construction, maintenance, and management of irrigation facilities, (b) cultivation management, (c) post-harvesting, (d) etc., by trained Officials and Model Farmers, utilizing technical manuals, textbooks, and Demonstration Farms in the Project Sites</p> <p>2-4. Monitor, evaluate and follow-up of farmers groups' activities</p>									
12. Expected results (outputs)	<p>1. Capacity of concerned personnel, necessary for training and extension of irrigated rice production in the targeted Districts, is developed.</p> <p>2. Irrigated rice cultivation techniques are promoted among smallholders and their community based groups in the Project Sites.</p>									
13. Inputs	<p>1. JICA Experts (Japanese or third country experts)</p> <p>2. Training for counterparts on site and in Japan</p> <p>3. Machinery and Equipment (vehicles, equipments for training, audio-visual equipments,</p>									
14. Implementing agency	Leading: JICA Cooperate: Ministry of Agriculture, Animal Industry and Fisheries									
15. Status of the	3	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Hitoshi FUJIE					e-mail: Fujie.Hitoshi@jica.go.jp				

Key Word:

Farmers groups, Irrigated agriculture, Smallholders farmers, Model farmers, Irrigation facilities, Demonstration, environmental impact assessment, cultivation management, post harvesting

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Uganda									
2. Title (Full name)	Technical Assistance Support to NERICA Rice Promotion Project									
3. Project Location	National Crops Resource Research Institute (NaCRRI) in Namulonge									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	2	3	4	6	9					
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	JICA									
7. Cost	Total: USD 3,900,000									
8. Project duration (dd/mm/yy)	Start: 08/2008 End: 06/2011									
9. Goal and objectives	Goal: Farmers' income is increased through the improving productivity of rice in Uganda. Self-sufficiency in Rice in Uganda is achieved. Obj.: NERICA Rice production is improved in its quantity and quality in the target area									
10. Target beneficiaries	Direct: NaCRRI researchers and staff Secondary: Rice farmers in Uganda									
11. Project component (activities)	1-1. To introduce techniques of characterization and maintenance of rice germ plasm 1-2. To identify the characteristics of newly released NERICA Rice varieties 1-3. To develop appropriate agronomic practices for upland and lowland rice under the different agro-ecosystems including mechanization and rice based cropping 1-4. To identify the appropriate post-harvest technologies and mechanization for cultivation 1-5. To review technical manuals and text books necessary for trainings 2-1. To establish demonstration plots 2-2. To train stakeholders (local government officials, farmers and farmers groups etc.) on NERICA Rice cultivation, quality seed production, rice machinery fabrication and others based on requests 2-3. To provide training and exchange information with African countries 2-4. To conduct other activities relevant to promotion of NERICA Rice in Africa									
12. Expected results (outputs)	1. Research and extension capacity of NERICA (upland and lowland) research system in NaCRRI and ZARDI is enhanced. 2. Appropriate NERICA rice cultivation techniques are introduced to farmers and farmers groups, etc. in the Project area.									
13. Inputs	1. JICA Experts (Japanese or third country experts) 2. Training for counterparts on site and in Japan 3. Equipment and material (vehicles, equipment for training, audio-visual equipment)									
14. Implementing agency	Leading: JICA Cooperate: National Agricultural Research Organization (NARO)									
15. Status of the	3	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Hitoshi FUJIE					e-mail: Fujiie.Hitoshi@jica.go.jp				

Key Word:

NERICA, Research capacity, Extension capacity, Cultivation techniques, Seed production, Demonstration, Cultivation trials, Rice based cropping systems, germplasm, post-harvest, training center, NARO

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Uganda									
2. Title (Full name)	The Grant Aid Project for Establishment of Regional Rice Research and Training Center in the National Crops Resources Research Institute in the Republic of Uganda									
3. Project Location	National Crops Resource Research Institute (NaCRRRI) in Namulonge									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	10									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	JICA									
7. Cost	Total: USD 6,700,000									
8. Project duration (dd/mm/yy)	Start: 10/2009 End: 10/2010									
9. Goal and objectives	Goal: Farmers' income is increased through the improving productivity of rice in Uganda. Self-sufficiency in Rice in Uganda is achieved. Obj.: To improve quality and production of rice through establishment of Regional Rice Research and Training Center									
10. Target beneficiaries	Direct: NaCRRRI researchers and staff, governmental officials, extension workers Secondary: Rice farmers in Uganda									
11. Project component (activities)	1. Construct new rice research laboratories with enhanced equipments 2. Renovate and expand experimental field attached to the institute									
12. Expected results (outputs)	1. Research capacity of rice including NERICA varieties of NaCRRRI is enhanced. 2. Human resource in the field of rice research and extension is developed 3. Extension system for rice promotion is established									
13. Inputs	1. JICA Experts 2. Cost of construction of laboratories and irrigated fields 3. Training facilities 4. Laboratory equipment and machineries for field experiment, which will be used in Technical Assistance Support to "NERICA Rice Promotion Project", "Sustainable Irrigated Agriculture Development Project in Eastern Uganda", and other related activities									
14. Implementing agency	Leading: JICA Cooperate: National Agricultural Research Organization (NARO)									
15. Status of the	2	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Hitoshi FUJIIIE					e-mail: Fujiie.Hitoshi@jica.go.jp				

Key Word: NERICA, training center, NARO

2.13 Regional

- RG-1 Materialization of West African Rice Green Revolution by Sawah Eco-technology and Creation of African SATOYAMA Systems
- RG-2 Programme for Africa's Seeds Systems (PASS)
- RG-3 Alleviating rural poverty through improving rice production in East and southern Africa
- RG-4 Stress Tolerant Rice for Africa and South Asia (STRASA)
- RG-5 USAID Famine Fund
- RG-6 Green Super Rice for the Resource Poor of Africa and Asia
- RG-7 Sasakawa-Global 2000 Agricultural Programme in Africa
- RG-8 SAWAH, Market Access and Rice Technologies for Inland Valleys (SMART IVs)
- RG-9 Regional Capacity Building for Community-Based Swamp & Small Irrigated Village Plots Development
- RG-10 Japan Capacity Building Program for African Agricultural Researchers
- RG-11 "Fund for Studying against Poverty Reduction in Rural Area of Africa (The Study on Development of Improved Infrastructure and Technologies for Rice Production)"
- RG-12 Study on Improvement of Soil Fertility in Africa
- RG-13 Project for the Promotion of South-South Cooperation for the Improvement of Production Capacity in Developing Countries
- RG-14 Project of Support to Stimulate Agriculture and Farmers' Organization in Africa and other regions
- RG-15 Senegal River Basin Multi-purpose Water Resources Development Project
- RG-16 West Africa Global Food Security Response
- RG-17 Financial Support to the World Bank for Promoting Rice Production

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Ghana, Nigeria									
2. Title (Full name)	Materialization of West African Rice Green Revolution by Sawah Eco-technology and Creation of African SATOYAMA Systems									
3. Project Location	Ashanti and Eastern Regions									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	3	4	7	8	10				
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Capacity development									
6. Fund sources (Funding agency)	Ministry of Education, Culture, Sports, Science and Technology, Japan									
7. Budget	JYN200 million (2007-2012) JYN 77 million (2003-2007)									
8. Project duration (dd/mm/yy)	Start: August, 2007: Specially Promoted Research; August 2003: Scientific Research (S) End: March 2012: Specially Promoted Research; July 2007: Scientific Research (S)									
9. Goal and objectives	Goal: Materialization of African Rice Green Revolution for food security and wealth creation Obj.: Large scale action research confirmation of Sawah hypotheses (I) for Africa rice green revolution, Sawah hypothesis (II) for intensive sustainability to get at least higher than 4 ton of paddy per ha at farmers rice fields, and SATOYAMA concept for restoration of degraded watersheds to combat global warming									
10. Target beneficiaries	Direct Rice farmers and rural communities Sec.: Policy makers, land owners, researchers									
11. Project component (activities)	1. Information generation through large scale field action research and development 2. "Sawah" technology transfer to farmers and extension organization 3. Academic research on site specific sawah development and management 4. Research and technology transfer of power tiller based sawah development method 5. Research and technology transfer of improved nutrient managements practices 6. Research and technology transfer of improved water management practices 7. Research and technology transfer of improved agronomic practices									
12. Expected results (outputs)	1. Technology and policy to realize the rice green revolution for Africa are established 2. Paddy yield at least 4t/ha is realized and revenue for rice farmers are increased. 3. Academic publication on site specific sawah development and management 4. Sustainable sawah development becomes possible by farmers' self support efforts 5. Capacity of institutes & staffs are developed up to PhD and leading rice researchers									
13. Inputs	1. Researchers and extension worker provided to major rice growing areas 2. On the job training for site specific sawah development and management 3. Farmer-groups sufficiently trained to be able to train other farmers 4. Basic equipment for "Sawah" research and technology transfer provided by project 5. Workshops and conferences to facilitate communication among stake holders									
14. Implementing agency	Kinki University in collaboration with Soil Research Institutes (SRI) and Crops Research Institute (CRI), Council for Scientific and Industrial Research (CSIR)									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	Very limited personnel for the concept and skills on site specific sawah development and management. Low funding and therefore limited research and extension to cover target									

Key Word: Green revolution, Sawah hypothesis (I) & (II), Site specific sawah development, Action research on sawah development, Sawah development by farmers, land tenure

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Tanzania, Uganda, Ethiopia, Zambia, Mali, Burkina Faso, Kenya, Nigeria, Ghana									
2. Title (Full name)	Programme for Africa's Seeds Systems (PASS)									
3. Project Location										
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	3	4	6	9	10				
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Education									
6. Fund sources (Funding agency)	The Rockefeller Foundation Bill & Melinda Gates Foundation									
7. Budget	Total cost of USD 150 million over 5 years, of which the Rockefeller contribution will be USD 50 million and the BMGF contribution USD 100 million.									
8. Project duration (dd/mm/yy)	Start: 2006 End:									
9. Goal and objectives	Goal: To increase income, improve food security and reduce poverty by promoting the development of seed systems that deliver improved crop varieties to small-scale farmers in an efficient, equitable and sustainable manner Obj.: To have introduced more than 1,000 new varieties of at least 10 staple crops that increase the productivity of Africa's small-scale farmers and contribute to the alleviation of the hunger and extreme poverty of 30 to 40 million people									
10. Target beneficiaries	Direct Crop breeders, agricultural scientists smallholder farmers, seed producers Sec.: smallholder farmers									
11. Project component (activities)	1. The Fund for the Improvement and Adoption of African Crops (FIAAC) 2. Education for African Crop Improvement (EACI) 3. The Seed Production for Africa Initiative (SEPA) 4. The Agro-Dealer Development Program (ADP) 5. PASS General Operating and Monitoring and Evaluation									
12. Expected results (outputs)	1. Development of 200 new improved crop varieties in five years 2. An additional 170 M.Sc. and 50 Ph.D. plant scientists trained and productively employed in African agricultural development 3. Improved seed varieties distributed through SEPA projects planted on 1.3 million hectares with retail value of \$58 million, an increase of 13% in the supply of improved seed 4. 10,000 highly functioning agro-dealers in order to support a significant increase in the adoption of improved crop varieties									
13. Inputs	1. Recurrent Cost 2. Personnel Cost									
14. Implementing agency	Alliance for a Green Revolution in Africa (AGRA)									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										

Key word: Seed company, Crop breeder, Higher education, Seed system

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Burundi, Kenya, Mozambique, Rwanda, Tanzania and Uganda									
2. Title (Full name)	Alleviating rural poverty through improving rice production in East and southern Africa									
3. Project Location										
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	2									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	IFAD, IRRI, WARDA, NARES, etc.									
7. Cost	Total: 3,212,569 USD									
8. Project duration (dd/mm/yy)	Start: 2006 End: 2008									
9. Goal and objectives	Goal: To improve the food security and living standards of the extreme poor in East and southern Obj.: To build regional and household food security by raising the income of extremely poor rice farmers in ESA through an increase in rice production by up to 0.5 t ha across 600,000 ha of existing rice growing areas, within 5 years									
10. Target beneficiaries	Direct: Extreme poor rice farmers in ESA region Secondary:									
11. Project component (activities)	1. Assess rice production environments and market information 2. Train young rice scientists, conduct workshops, develop rice knowledge bank, documenting and disseminating research findings 3. New promising varieties developed and tested with farmers 4. Sustainable production and post-harvest technologies identified, developed and tested 5. A market for domestically-produced rice developed and promoted									
12. Expected results (outputs)	1. Database of farming practices, land use and market requirement 2. Trained stakeholders in rice sector 3. Rice knowledge bank and new high yielding rice varieties developed 4. Crop management techniques applicable developed and adopted 5. Market information available to producers and consumers, domestic rice quality improved and accepted in the market									
13. Inputs										
14. Implementing agency	Leading: IRRI Cooperate: WARDA, ECARRN, KARI, IIRAM, MAFC, MAAIF, ISAR, ISABU									
15. Status of the	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Nigeria, Benin, Senegal, Burkina Faso, Ghana, Guinea, The Gambia, and Mali in West Africa; Mozambique, Tanzania, Uganda, Ethiopia, Madagascar, and Rwanda in eastern and southern Africa; and India, Bangladesh, and Nepal in South Asia.									
2. Title (Full name)	Stress Tolerant Rice for Africa and South Asia (STRASA)									
3. Project Location										
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	2									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	Bill and Melinda Gates Foundation									
7. Cost	Total: 19.9 million USD (total) 1 million USD for Mozambique									
8. Project duration (dd/mm/yy)	Start: 2008 End: 2010									
9. Goal and objectives	Goal: Obj.:									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)										
12. Expected results (outputs)	1. Develop drought tolerant varieties 2. Submergence tolerant 3. Iron toxicity tolerant 4. Salinity tolerant									
13. Inputs										
14. Implementing agency	Leading: IRRI Cooperate: WARDA									
15. Status of the	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Nigeria, Ghana, Mali, Senegal									
2. Title (Full name)	USAID Famine Fund									
3. Project Location										
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	USAID									
7. Budget	USD 5.1 million for 4 countries (Nigeria, Ghana, Mali and Senegal)									
8. Project duration (dd/mm/yy)	Start: 2009 End: 2011 (2 years)									
9. Goal and objectives	Goal: Enhancement of food security Obj.: To support rice farmers with inputs and knowledge on rice production practices									
10. Target beneficiaries	Direct Small-holder farmers Sec.:									
11. Project component (activities)	1. Target farmers have access to quality seeds, mineral fertilizers and best-bet rice management options									
12. Expected results (outputs)	1. Best-bet rice management options are identified. 2. Target farmers have obtained quality seeds and mineral fertilizers in sufficient quantities.									
13. Inputs										
14. Implementing agency	WARDA-Nigeria, through Catholic Relief Services in Kano									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Nigeria, Liberia, Rwanda, Uganda, Mali, Mozambique, Senegal, Tanzania									
2. Title (Full name)	"Green Super Rice" for the Resource Poor of Africa and Asia									
3. Project Location										
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	2	3								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund sources (Funding agency)	Bill & Melinda Gates Foundation									
7. Budget	USD 3.45 million									
8. Project duration (dd/mm/yy)	Start: 2009 End: 2011									
9. Goal and objectives	Goal: Obj.: Development and cultivation of the "Green Super Rice"(GSR) hybrid and inbred cultivars with high nutrient use efficiency and stress resistances in Sub-Saharan Africa and Asia									
10. Target beneficiaries	Direct Resource poor farmers and NARES scientists Sec.:									
11. Project component (activities)	1. Development of at least 5 1st generation of GSR cultivars in the national yield trials of the 8 target SSA countries 2. Large numbers of breeding populations generated for developing Super GSR cultivars with specific target trials for the 8 targeting SSA countries									
12. Expected results (outputs)	1. To provide a sustainable way to reduce food insecurity and poverty in SSA and Asia									
13. Inputs										
14. Implementing agency										
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems	Hybrid seed production									

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Uganda, Mali, Nigeria and Ethiopia									
2. Title (Full name)	Sasakawa-Global 2000 Agricultural Programme in Africa									
3. Project Location										
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Field of support	3	4	5	6	9	10				
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Income enhancement									
6. Fund sources (Funding agency)	SG2000									
7. Budget	540,000USD									
8. Project duration (dd/mm/yy)	Start: 2001 End:									
9. Goal and objectives	Goal: Reduction in rice importation and income enhancement in Uganda, Mali, Nigeria and Ethiopia Obj.:									
10. Target beneficiaries	Direct: 36,000 farmers linked to markets Sec.:									
11. Project component (activities)	1. Technology generation a. Technology transfer b. Post harvest handling & Agro-processing c. Input supply d. Extension /adoption rates e. Agricultural finance f. Producer organizations 2. Market output interventions a. Corporate linkages b. Private sector involvement c. Agricultural finance d. Agro processing & branding e. Protection –policy issues - 75% Common External Tariff (CET)									
12. Expected results (outputs)	1. Currently 36,000 organized farmers are directly linked to 9 medium rice processors 2. Total milling capacity of processors is 108,000 tons 3. Nine (9) processors need about 90,000 farmers to operate at 100% capacity 4. On-farm and off-farm seasonal jobs created									
13. Inputs	1. Activities cost 2. Personnel cost									
14. Implementing agency	SASAKAWA-GLOBAL 2000 (SG2000)									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed								
16. Issues/problems	1) Information systems (e.g. many farmers do not know “what is what”); 2) Farmer organization are still weak and need capacity building especially in financial management; 3) Farmer training in improved rice related agronomy; 4) Input availability (both in terms of quantity and quality); 5) Post-harvest technologies and practices 6) Marketing linkages and entrepreneurship; 7) Coordination of rice extension efforts by different stakeholders; 8) Capacity building for extension workers and other service providers; 9) Institutional linkage i.e. research and extension;									

Keywords: Rice processors, Rice mill, Agricultural technology dissemination, NERICA

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Benin, Burkina Faso, Cameroon, Cote d'Ivoire, Ghana, Guinea, Mali, Nigeria, Sierra Leone, and Togo (member countries of the Inland Valley Consortium)									
2. Title (Full name)	SAWAH, Market Access and Rice Technologies for Inland Valleys (SMART IVs)									
3. Project Location	Model sites in 20 million to 50 million hectare of the Inland valley									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	Japan (Ministry of Agriculture, Forestry and Fisheries)									
7. Cost	Total: JPY 64,035,000 (one year)									
8. Project duration (dd/mm/yy)	Start: 04/2009 End: 03/2014									
9. Goal and objectives	Goal: Increase of National food production with medium-long term vision Obj.: Develop selection method of suitable land for sustainable rice farming by participatory approach, demonstrate new sustainable high productive rice farming method by low input and systematize and disseminate them.									
10. Target beneficiaries	Direct: Rice production farmers at model sites Secondary: West African countries									
11. Project component (activities)	1. Search development capacity of inland valley lowland 2. Selection of model sites 3. Verification test of sustainable and self-reliant low cost rice farming method in model sites 4. Develop training tool of improvement of rice cultivation technology and implementation of training to farmers 5. Collaborate with related organizations, exhibit model verification test and disseminate African rice farming technology by training tool									
12. Expected results (outputs)	1. Systematize the method of sustainable rice farming 2. Systematize and typify the development method by each site 3. Satellite sites development with community participation(10ha each):SAWAH Villages 4. Realizing 3t/ha target yield 5. Expand rice farming to other suitable areas									
13. Inputs	1. Equipment necessary for the project 2. Field & video training									
14. Implementing agency	Leading: WARDA Cooperate: IVC: Inland valley Consortium IWMI: International Water Management Institute National agriculture Research Stations, NGOs, etc.									
15. Status of the project	2	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Yukio SUZUKI					e-mail: yukio_suzuki@nm.maff.go.jp				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	African countries									
2. Title (Full name)	Regional Capacity Building for Community-Based Swamp & Small Irrigated Village Plots Development									
3. Project Location	African countries									
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Cooperation, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4	7	10						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Food Aid (Food For Work)									
6. Fund source (Funding agency)	MAFF									
7. Cost	Total: JPY1,438,803,000 (one year) (FY2008:JPY 204,471,000)									
8. Project duration (dd/mm/yy)	Start: 04/2004 End: 03/2011									
9. Goal and objectives	Goal: Securing the food for farmer's daily consumption Obj.: Farmer's participation from planning to implementation Community-based agricultural development Small incentives to farmers such as food, to build vital new infrastructure									
10. Target beneficiaries	Direct: Farmers in the project areas Secondary: Farmers in African countries									
11. Project component (activities)	1. Promote participation work for small scale irrigation and paddy field development 2. Provide rice as compensation (food for work program) 3. Dissemination of farming, and revolving fund 4. Apply research and development information of rice breeding, training of farming and water management to the food for work program 5. Transfer rice and paddy field development technology to surrounding countries									
12. Expected results (outputs)	1. Food for work 2. Capacity building coalition with food for work program 3. Formulate network with international organizations 4. South-south cooperation									
13. Inputs	1. Equipment necessary for the project 2. Technical experts									
14. Implementing agency	Leading: WFP Cooperate: National agricultural research centers, NGOs, FAO, and other International Organization									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Yukio SUZUKI e-mail: yukio_suzuki@nm.maff.go.jp									

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Africa									
2. Title (Full name)	Japan Capacity Building Program for African Agricultural Researchers									
3. Project Location	Africa									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	2	3								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	MAFF									
7. Cost	Total: JPY 19,475,000 (one year)									
8. Project duration (dd/mm/yy)	Start: 04/2006 End: 03/2011									
9. Goal and objectives	Goal: Deliver Japanese knowledge to Africa by Japanese Researcher Obj.: To strengthen collaboration between Japan and agricultural research organizations whose mission is African development To deliver Japanese know-how of agricultural research methods and technologies to Africa									
10. Target beneficiaries	Direct: African researchers Secondary: African farmers									
11. Project component (activities)	Implement on-the-job training by accepting African researchers to Japanese agricultural researchers currently working on collaborative research for African development in international agricultural organizations to promote the ability of African researchers									
12. Expected results (outputs)	Capacity Building									
13. Inputs	Japanese researchers									
14. Implementing agency	Leading: Private sector									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Yukio SUZUKI e-mail: yukio_suzuki@nm.maff.go.jp									

Key Word: Strengthening, Research ability, cooperative research, training, capacity building, technology transfer

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Africa(Ghana,Ethiopia)									
2. Title (Full name)	Fund for Studying against Poverty Reduction in Rural Area of Africa (The Study on Development of Improved Infrastructure and Technologies for Rice Production)									
3. Project Location	Ashanti region(Ghana),undecided(Ethiopia)									
4. Type of project	1	3								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	1	2	3	4	7					
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	MAFF									
7. Cost	Total: JPY 110,000,000 (one year)									
8. Project duration (dd/mm/yy)	Start: 04/2008 End: 03/2013									
9. Goal and objectives	Goal: Contribution to poverty reduction by stable supply of food in rural area of Africa Obj.: Establishment of technology and method to improve land and irrigation facility depending on the situation of farm land to promote rice production									
10. Target beneficiaries	Direct: Rice farmers in pilot area of model countries Secondary: Rice farmers in African countries									
11. Project component (activities)	1. Understanding of present situation and arrangement of problem regarding farm land, irrigation facility and water management system in rice production 2. Impact analysis against natural and social environment in rice production 3. Deliberation of production condition which can be introduced on a small scale and simply in term of farm, irrigation facility and water management system in consideration of the impact of natural and social environment 4. Establishment of method and technologies regarding improvement of production condition for rice dissemination according to practice in model area									
12. Expected results (outputs)	1. The guideline and manual for improvement land and irrigation facility depending on the situation of farm land									
13. Inputs	1. Japanese experts and researchers									
14. Implementing agency	Leading: Private sector (practiced in 2008 by JIRCAS) Cooperate: MOFA: Ministry of Food & Agriculture in Ghana CRI: Crop Research Institute in Ghana SRI: Soil Research Institute in Ghana									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Yukio Suzuki					e-mail: yukio_suzuki@nm.maff.go.jp				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	West African country									
2. Title (Full name)	Study on Improvement of Soil Fertility in Africa									
3. Project Location	a model country in West Africa									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	2									
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	MAFF									
7. Cost	Total: JPY 25,887,000 (one year)									
8. Project duration (dd/mm/yy)	Start: 07/2009 End: 03/2014									
9. Goal and objectives	Goal: Contribute to expand rice production in Sub-Sahara Africa from 14 million ton to 28 million ton in 10 years Obj.: Study the method to improve soil fertility.□ Transfer and disseminate the above technology and improve productivity Make the guideline of the above technology and the method of the transfer									
10. Target beneficiaries	Direct: Researchers, Extension workers in a model country Secondary: Farmers in Sub-Sahara Africa									
11. Project component (activities)	1. Study on availability of procurement of materials which can be utilize for soil fertility improvement, search related technology developed in research institutions and plan cultural test to improve soil fertility 2. Cultural test on field to verify each combination of useful materials 3. Formulate dissemination guideline of improved soil fertility management. 4. Introduce and disseminate the technology thorough workshop on site and offer from aid organization to home and abroad									
12. Expected results (output)	1. Soil fertility improvement at model fields 2. Dissemination guideline of improved soil fertility management									
13. Inputs	1. Equipment necessary for the project 2. Japanese experts and researchers									
14. Implementing agency	Leading: Private sector Cooperate:									
15. Status of the project	2	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Yukio SUZUKI e-mail: yukio_suzuki@nm.maff.go.jp									

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Least Developed countries (LDCs) in Africa									
2. Title (Full name)	Project for the Promotion of South-South Cooperation for the Improvement of Production Capacity in Developing Countries									
3. Project Location	LDCs in Africa									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	4	5	7						
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	MAFF									
7. Cost	Total: JPY 163,122,000 (one year) (JPY 126,855,000 for FAO and JPY 36,267,000 for ASEAN)									
8. Project duration (dd/mm/yy)	Start: 04/2006 (FAO, ASEAN) End: 03/2013 (FAO), 03/2011 (ASEAN)									
9. Goal and objectives	Goal: Alleviate poverty, promotion of import substitute crops and improvement of exporting ability in agriculture sector. Obj.: Promote South-South Cooperation in Africa and between Asia and Africa, and to develop the human resources necessary for development in agriculture sector.									
10. Target beneficiaries	Direct: Staff of agricultural organizations in participating LDCs Second Farmers in participating LDCs									
11. Project component (activities)	1. South-South cooperation in collaboration with WFP for the spread of rice cultivation 2. Spread of techniques and know-how of leading African countries and the results achieved by Japanese assistance projects through South-South cooperation. 3. Spread of techniques and know-how from Asian countries to African countries through South-South cooperation.									
12. Expected results (outputs)	1. Promotion of capacity building in agriculture sector in participating LDCs									
13. Inputs	1. African, Asian and Japanese experts									
14. Implementing agency	Leading: FAO, ASEAN Cooperate: WFP									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Yukio SUZUKI					e-mail: yukio_suzuki@nm.maff.go.jp				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Africa and other regions									
2. Title (Full name)	Project of Support to Stimulate Agriculture and Farmers' Organization in Africa and Other Regions									
3. Project Location	Africa and other regions									
4. Type of project	3									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	3	5								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	MAFF									
7. Cost	Total: JPY 32,179,000 (one year)									
8. Project duration (dd/mm/yy)	Start: 04/2009 End: 03/2014									
9. Goal and objectives	Goal: Develop and enhance agriculture and farmers' organization in African and other regions Obj.: Transfer abundant know-how of Japanese agricultural cooperatives to improve organizational management of farmers' organization and ability to plan and implement the operations.									
10. Target beneficiaries	Direct: Farmers' organizations in target areas Secondary: Farmers in target countries									
11. Project component (activities)	1. Understand and analyze present situation of agriculture and farmers' organization in target countries and select target areas and target persons. 2. Transfer know-how of farmers' organization in Japan 3. Enhance training efficiency, local guidance are carried out in trainees' countries by Japanese experts.									
12. Expected results (outputs)	1. Enhance activities of farmers' organizations in target countries									
13. Inputs	1. Training in Japan 2. Japanese experts dispatch									
14. Implementing agency	Leading: Private sector Cooperate:									
15. Status of the project	2	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name: Yukio SUZUKI					e-mail: yukio_suzuki@nm.maff.go.jp				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal, Mali, Mauritania, Guinea									
2. Title (Full name)	Senegal River Basin Multi-purpose Water Resources Development Project									
3. Project Location	Senegal (Dagana, Matam), Mali (Bafoulabe, Kayes), Mauritania (Gorgol, Brakna), Guinea (Mamou, Labe)									
4. Type of project	1	2								
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	1	2	10							
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Capacity Development, Water Resources Development									
6. Fund source (Funding agency)	WB, Government of Senegal AfDB, EC, AFD, Netherlands (Min. of Foreign Affairs/Min. of Dev't Coop.)									
7. Cost	Total: 140.75 million USD WB: 110 M USD, GOS: 12 M USD, AfDB: 2 M USD, EC: 1.8 M USD, AFD: 8.32 M USD, Netherlands: 6.63 M USD									
8. Project duration (dd/mm/yy)	Start: 2006 End: 2011									
9. Goal and objectives	Goal: Enhance regional integration among the riparian countries of the Senegal River Basin through OMVS (Organization pour la Mise en Valeur du Fleuve Sénégal) for multipurpose water resources development to foster growth including improved community livelihood Obj.: Modernizing the river basin institutions Regional water resources planning, management and development Expanding regional multi-purpose water infrastructure Mitigating the health impacts from related multi-purpose water infrastructure Fostering economic growth through related water sector development while improving social and environmental conditions in the Basin.									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)	1. Regional Institutional Development for Water Resources - Modernize OMVS and enhance institutional capacities - Enable Guinea's inclusion in OMVS. - Rehabilitate the OMVS Documentation Center 2. Local Level Multi-Purpose Water Resources Development - Development of small hydraulic infrastructure and related activities - Improvement of traditional fisheries - Water resources protection - Reduction of waterborne diseases 3. Regional Multipurpose and Multi-sectoral Master Planning - Prepare the SRB Comprehensive Master Plan - Support pre-investment for the OMVS Gouina Hydroelectric Project. - Support pre-investment for OMVS Multi-purpose Dams (Balassa, Boureya, Gourbassi and Koukoutamba) - Ensure stakeholder participation in Multi-purpose and Master planning									
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: OMVS (Organisation pour la Mise en Oeuvre du fleuve Sénégal) Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	Senegal, Mali, Liberia, Nigeria, Ghana									
2. Title (Full name)	West Africa Global Food Security Response									
3. Project Location										
4. Type of project	1									
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector									
5. Fields covered (multiple selection)	4	5								
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10.									
6. Fund source (Funding agency)	USAID									
7. Cost	Total:									
8. Project duration (dd/mm/yy)	Start: 2008 End:									
9. Goal and objectives	Goal: Obj.:									
10. Target beneficiaries	Direct: Secondary:									
11. Project component (activities)										
12. Expected results (outputs)										
13. Inputs										
14. Implementing agency	Leading: Cooperate:									
15. Status of the project	3	1. Pipeline, 2. Approved, 3. On-going, 4. Completed								
16. Issues/problems										
17. Person in charge	Name:					e-mail:				

Key Word:

Information Sheet of Rice Related Project/Program in CARD First Group Countries

1. Country	
2. Title (Full name)	Financial Support to the World Bank for Promoting Rice Production
3. Project Location	African countries
4. Type of project	<input type="checkbox"/> 1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Fields covered (multiple selection)	<input checked="" type="checkbox"/> 10 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below) 10. Not specified
6. Fund source (Funding agency)	Ministry of Finance, Japan
7. Cost	Total: 100 million USD
8. Project duration (dd/mm/yy)	Start: 2009 End:
9. Goal and objectives	Goal: Obj.: Promoting rice production in Africa
10. Target beneficiaries	Direct: Secondary:
11. Project component (activities)	
12. Expected results (outputs)	
13. Inputs	
14. Implementing agency	Leading: Cooperate:
15. Status of the project	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
16. Issues/problems	
17. Person in charge	Name: _____ e-mail: _____

Key Word:

Appendix 3

Country Maps

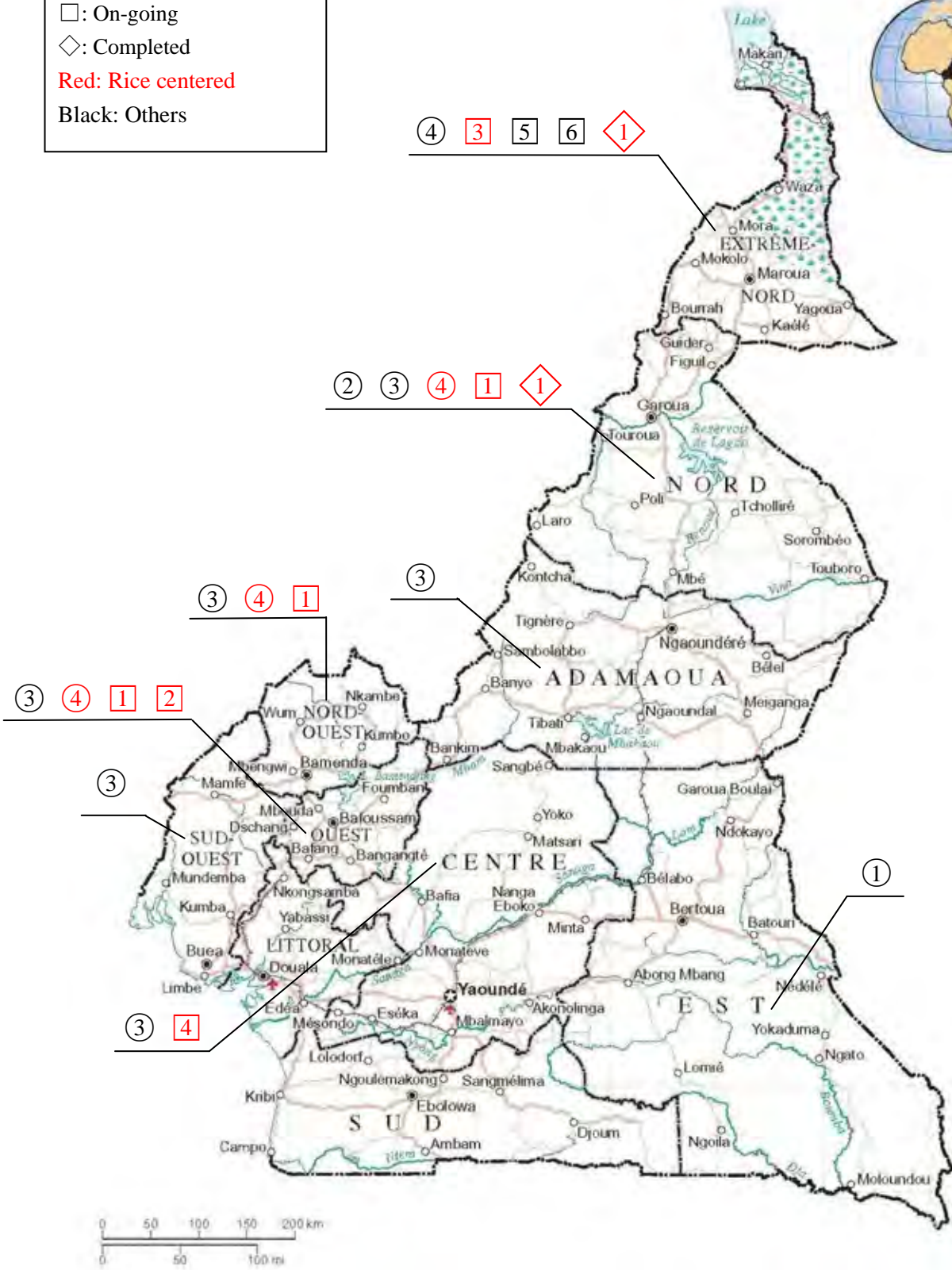
Rice Related Project in Cameroon (1/12)

Mapping Number *	Project Number	Title	Fund Source
①	CM-10	Natural Resources Sustainable Management Project in the East Province (Provisional title)	GTZ
②	CM-11	Study Mission for Development of the Northern Province/Irrigation Project of Lagdo (MEADEN/PHAL)	Public Investment Budget
③	CM-5	Project of Improvement of the Agricultural Competitiveness (PACA)	WB
④	CM-7	Agricultural Sector Development Support Project (PADFA)	IFAD, etc.
①	CM-1	Improvement of the competitiveness of rice in Central Africa	WARDA, etc.
②	CM-3	Rural Development Project in the Mont Mbappit region (PDRM)	IsDB, etc.
③	CM-4	Promotion of Rice Cultivation in the Logone Valley	Fonds PPTE multi
④	CM-6	Nanga-eboko rice development (Provisional name)	Chinese company
⑤	CM-8	Project for the support of Service Provision Center for the Producers Federation in the Logone and Chari (CPS-FEPROLOC)	EU
⑥	CM-9	Participatory Rural Development Program in the Department of Logone and Chari (PDRP-L&C)	EU
①	CM-2	Support to the improvement and diffusion of improved and healthy rice seeds	FAO

* ○: Pipeline or approved, □: On-going, ◇: Completed, **Red: Rice centered**, Black: Others

Legend

- : Pipeline or approved
- : On-going
- ◇: Completed
- Red:** Rice centered
- Black:** Others



Map of the Rice Related Projects Showing their Coverage (1/12), Cameroon

Rice Related Project in Ghana (2/12)

Mapping Number *	Project Number	Title	Fund Source
①	GH-13	Project for Sustainable Development of Rain-fed Lowland Rice Production	JICA
②	GH-14	Development of low-input rice cultivation system in wetland in Africa	JIRCAS
①	GH-10	Rice Sector Support Project	AFD
②	GH-11	Ghana Rice Inter-professional Body	AFD
③	GH-12	Rice Seed Production	AGRA
④	GH-6	NERICA Rice Dissemination Project	AfDB
⑤	GH-7	Inland Valleys Rice Development Project	AfDB
⑥	GH-8	Small Scale Irrigation Development Project	AfDB
⑦	GH-9	Small Farms Irrigation Project	BADEA
①	GH-1	Food Security and Rice Producers Organization Project	AFD
②	GH-2	Special Programme for Food Security in Ghana	FAO
③	GH-3	Project for Promotion of Farmers' Participation in Irrigation Management (FAPIM)	JICA
④	GH-4	The Study on the Promotion of Domestic Rice in the Republic of Ghana	JICA
⑤	GH-5	Improvement of Drought Tolerance of Rice through Within-Species Gene Transfer	AGRA

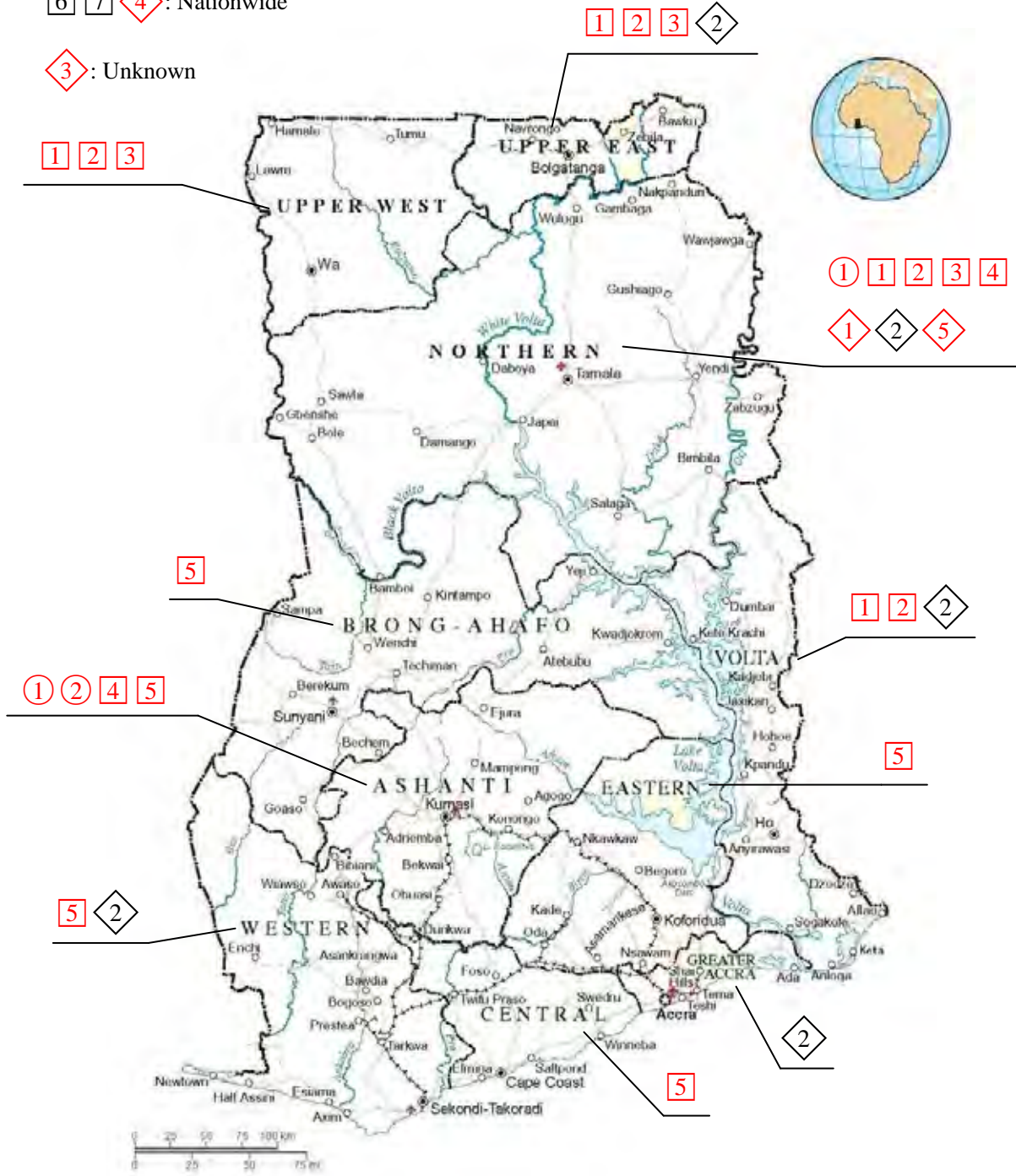
* ○: Pipeline or approved, □: On-going, ◇: Completed, Red: Rice centered, Black: Others

Legend

- : Pipeline or approved
- : On-going
- ◇: Completed
- Red: Rice centered
- Black: Others

6 7 4 : Nationwide

3 : Unknown



Map of the Rice Related Projects Showing their Coverage (2/12), Chana

Rice Related Project in Guinea (3/12)

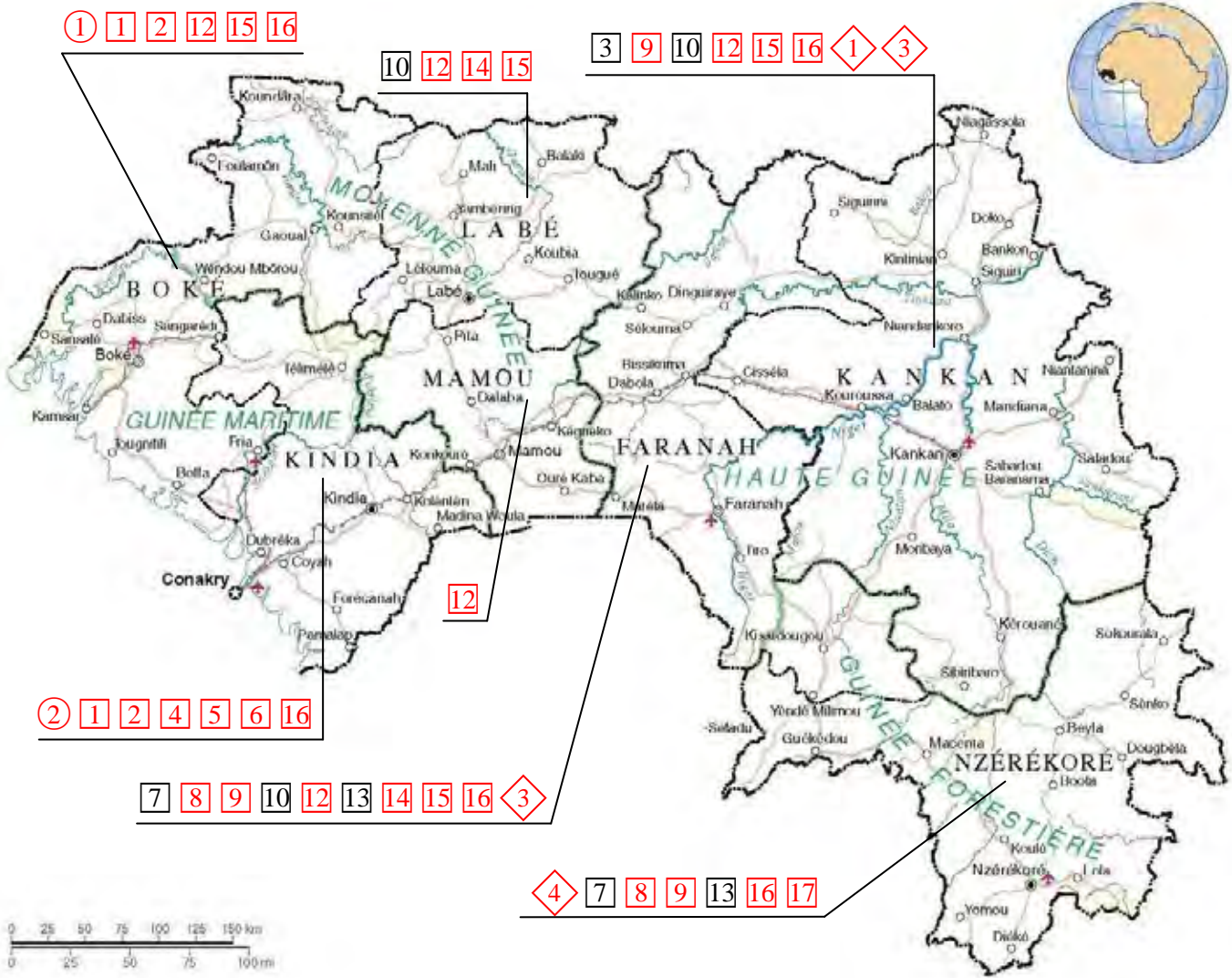
Mapping Number *	Project Number	Title	Fund Source
①	GN-4	Improvement of Rice and Vegetable Production in Guinea	South Africa
②	GN-5	Intensification, diversification and development of the agricultural production	Italia
①	GN-1	Support of Rice Sector in Lower Guinea	AFD
②	GN-10	The Project of Support to the Rural Development in the Northern Lower Guinea (PADER BGN)	IFAD
③	GN-11	Participative Program of Rural Development in Higher Guinea	IFAD
④	GN-13	Integrated Rural Development Project of Telimélé	IsDB
⑤	GN-14	Kakossa Integrated Rural Development Project	IsDB
⑥	GN-17	Dubrêka Integrated Rural Development Project	IsDB
⑦	GN-18	Protracted relief and rehabilitation operation (PRRO)	WFP
⑧	GN-19	Support to "Post-Conflict Transition in Forest Guinea Region"	MOFA, Japan
⑨	GN-2	Project of NERICA dissemination	AfDB, etc.
⑩	GN-20	Country Programme - Guinea (2007-2011)	WFP
⑪	GN-21	Guinea Emergency Food Crisis Response Program (GEFCRP)	WB
⑫	GN-23	Development Study for Sustainable Rural Development in Middle and Upper Guinea	JICA
⑬	GN-3	Evaluation of the Potential of Inland Valley Swamp in Forest Guinea	FAO
⑭	GN-6	Realization of Irrigated Agriculture Development	Spain
⑮	GN-7	Emergency Agricultural Assistance for the Improvement of Food Security Situation of Rural Population Affected by the Price Increase of Foodstuff in Guinea	Italy
⑯	GN-8	Provision of inputs to vulnerable populations within the frame of the Initiative against the price hike of the foodstuff	FAO
⑰	GN-9	Sustainable Agricultural Development Project in Forest Guinea (PRODAD GF)	IFAD, etc.
①	GN-12	Upper Guinea Rural Development Support Project (PADERGHG)	AfDB, etc.
②	GN-15	Fouta Djallon Integrated Rural Development Project	IsDB
③	GN-16	West Upper Guinea Integrated Rural Development Project	IsDB
④	GN-22	Project of the Irrigated Rice Cultivation Development in Forest Guinea (PDRiGF)	AFD

* ○: Pipeline or approved, □: On-going, ◇: Completed, Red: Rice centered, Black: Others

Legend

- : Pipeline or approved
- : On-going
- ◇: Completed
- Red: Rice centered
- Black: Others

11: Unknown



Map of the Rice Related Projects Showing their Coverage (3/12), Guinea

Rice Related Project in Kenya (4/12)

Mapping Number *	Project Number	Title	Fund Source
①	KE-12	Mwea Irrigation Development Project	JICA
1	KE-1	Special Assistance for Project Formation for Mwea Irrigation Development Project	WB
2	KE-10	Mount Kenya East Pilot Project for Natural Resource Management	IFAD, etc.
3	KE-11	FAO's Initiative on Soaring Food Prices	FAO, etc.
4	KE-13	Community Agricultural Development Project in Semi Arid Lands	JICA
5	KE-14	Special Assistance for Project Formation for Mwea Irrigation Development Project	JICA
6	KE-15	Rice promotion expert	JICA
7	KE-16	Irrigation, Drainage & Water Storage Expert	JICA
8	KE-3	Drought Management Initiative (DMI) within the framework of Arid Lands Resource Management Project (ALRMP) Phase Two	EU, etc
9	KE-4	The Rehabilitation and Development of Holla Irrigation project – (Phase 1&2)	BADEA, etc.
10	KE-5	Bura Irrigation & Resettlement Project	BADEA, etc.
11	KE-8	Southern Nyanza Community Development Project	IFAD
12	KE-9	Central Kenya Dry Area Smallholder and Community Services Development Project	IFAD, etc.
◇1	KE-2	Kenya Agricultural Productivity Project (KAPP)	WB
◇2	KE-6	To evaluate the adaptability and seed production potential of the New Rice for Africa varieties in different agro-ecologies and socio-economic settings in western Kenya	The Rockefeller Foundation
◇3	KE-7	NERICA adaptability trials and National Performance Trial (NPT)	JICA

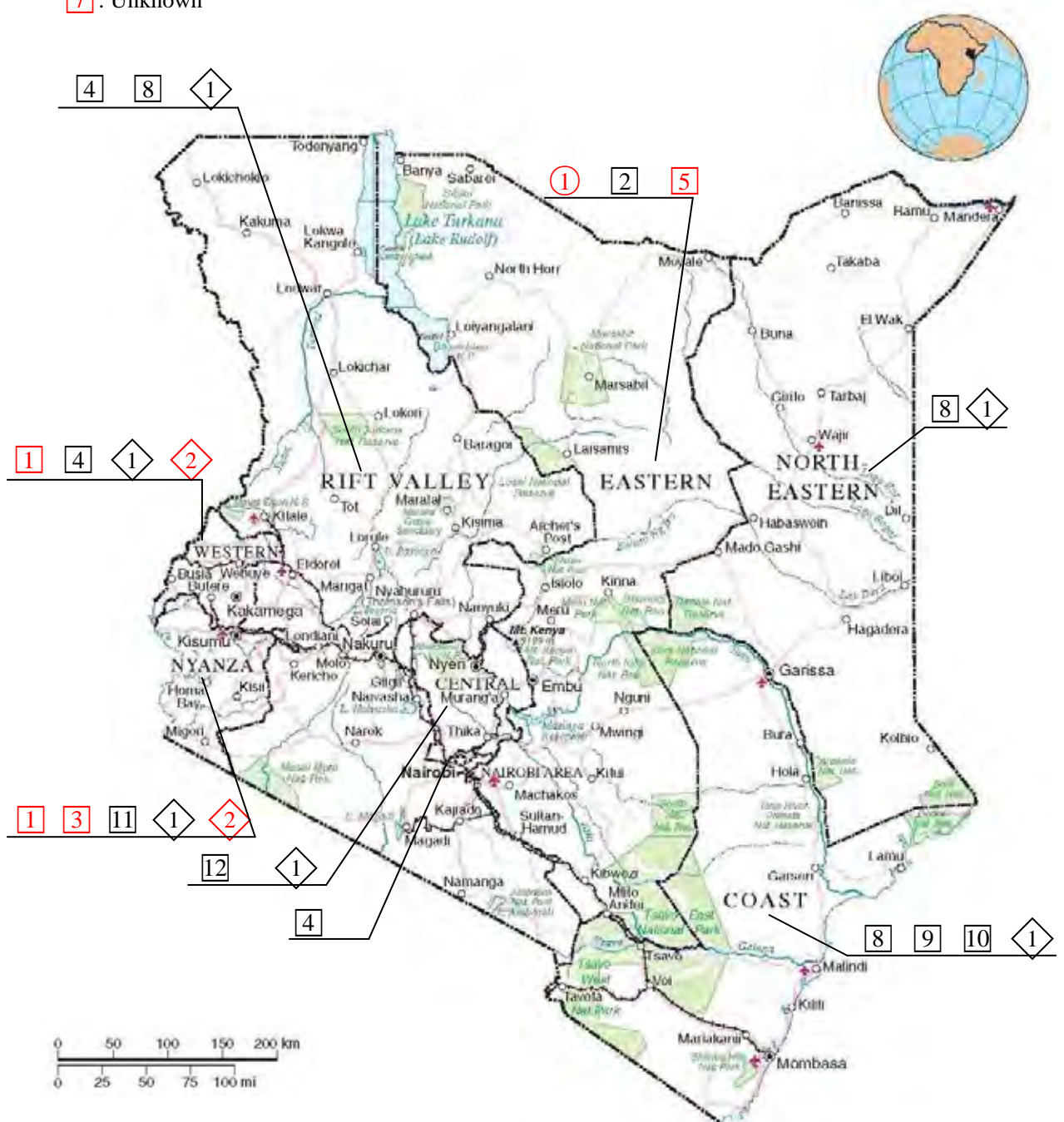
* ○: Pipeline or approved, □: On-going, ◇: Completed, Red: Rice centered, Black: Others

Legend

- : Pipeline or approved
- : On-going
- ◇: Completed
- Red: Rice centered
- Black: Others

6: Nationwide

7: Unknown



Map of the Rice Related Projects Showing their Coverage (4/12), Kenya

Rice Related Project in Madagascar (5/12)

Mapping Number *	Project Number	Title	Fund Source
①	MG-23	Feasibility Study of Rice Mill and Feed Mill	BADEA
②	MG-33	Project for Improvement of the Irrigation System in South-west of Lake Alaotra	JICA
①	MG-1	Project to Support Development in the Menabe and Melaky Regions (AD2M)	IFAD, etc.
②	MG-10	Lower Mangoky Irrigation Area Development Project (incl. Supplementary Loan)	AfDB, etc.
③	MG-11	Support to the platform of the dialogue for the management of the rice sector	WB, etc.
④	MG-12	Emergency Food Security and Reconstruction Project	WB
⑤	MG-13	Millenium Challenge Account Grant	MCA
⑥	MG-14	Observatory of Rice	EU
⑦	MG-15	Special Program for Food Security (SPFS)	Gov. Madagascar
⑧	MG-16	Boosting the Agricultural Production	Gov. Madagascar
⑨	MG-17	Watershed and Irrigation Area	WB, etc.
⑩	MG-18	Project of Support to the Rural Development (PSDR) including additional funding	WB, etc.
⑪	MG-2	Support to Farmers' Professional Organizations and Agricultural Services Project (AROPA)	IFAD, etc.
⑫	MG-20	Emergency Food Security and Reconstruction Project	WB
⑬	MG-21	Operation of Support to the Inputs Credit (OACI)	FCV Japan
⑭	MG-22	Funds of Maintenance of Hydro-agricultural Network of the Irrigation Areas (FERHA)	Gov. Madagascar
⑮	MG-24	Global Food Crisis Response in Madagascar: Provision of Improved Rice Seeds and Fertilizer to Rural Agricultural Producers	CRS, etc.
⑯	MG-3	Rural Income Promotion Programme (PPRR)	IFAD, etc.
⑰	MG-31	Utilization and Protection of the Watershed of the Lake Alaotra (Projet BV Lac Alaotra) Phase 1 and 2	AFD, etc.
⑱	MG-32	The Project for Rice Productivity Improvement in Central Highland in Madagascar	JICA
⑲	MG-35	Project for Improvement of Antsirabe Agricultural Mechanization Training Centre	JICA
⑳	MG-37	Agricultural Technical Advisor	JICA
㉑	MG-4	Upper Mandraré Basin Development Project - Phase II (PHBM)	IFAD, etc.
㉒	MG-6	Program of support in the Sofia Region for the Integrated Rural Development	AKF
㉓	MG-7	Support for the revitalization of the seed sub-sector of Madagascar with view to the production and utilization of quality seeds	FAO
㉔	MG-8	Program of Fight against Erosion (PLAE)	KfW, etc.
㉕	MG-9	Project of the Rehabilitation of the Manombo Irrigation Area (PRPIM)	AfDB
①	MG-19	Support to the Diffusion of Agro-ecological Techniques	AFD, etc.
②	MG-25	Food Security to Enhance Livelihood through Agriculture and Nutrition Activities	USAID, etc.
③	MG-26	Seed Voucher and Fairs Project to Face Global Food Crisis	CRS
④	MG-27	Post Cyclone Ivan and Jokwe Agricultural Recovery Project in the East Coast of Madagascar	OFDA
⑤	MG-28	Emergency Project to respond to Cyclone Clovis in the South East Region of Madagascar	CRS
⑥	MG-29	Southeast Emergency Livelihoods Recovery Project	OFDA
⑦	MG-30	Project to alleviate the impact of the Global Food Crisis to the vulnerable household of the South East Region of Madagascar	FAO
⑧	MG-34	The Study on Rural Development and Watershed Management in the South-West Region of Alaotra	JICA
⑨	MG-36	Irrigation Development and Watershed Management in the South-west of Lake Alaotra (SAPROF)	JICA
⑩	MG-5	North-east Agricultural Improvement and Development Project (PADANE)	IFAD, etc.

* ○: Pipeline or approved, □: On-going, ◇: Completed, Red: Rice centered, Black: Others

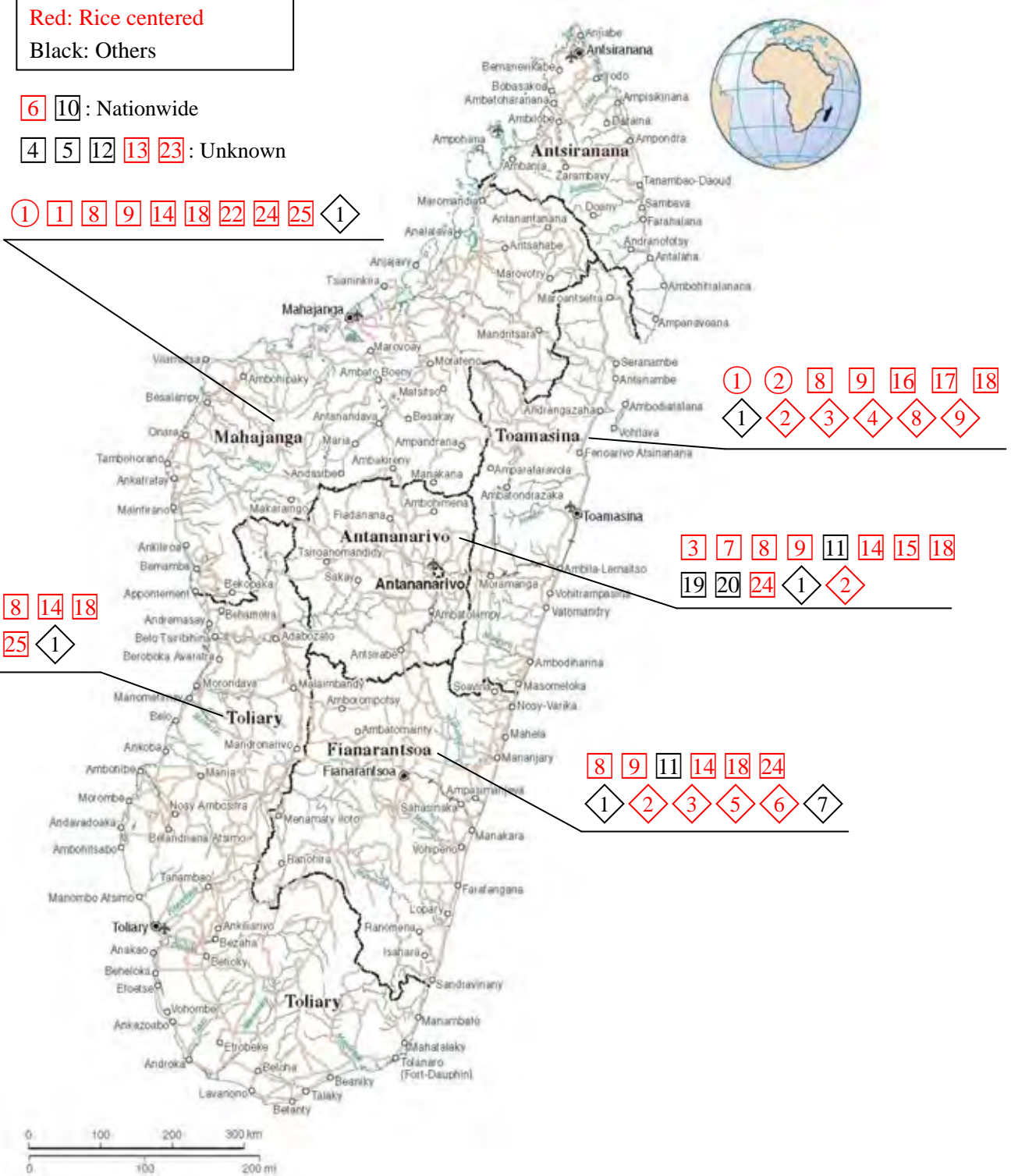
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- : Pipeline or approved
- : On-going
- ◇: Completed
- Red:** Rice centered
- Black:** Others

6 10 : Nationwide

4 5 12 13 23 : Unknown

1 1 8 9 14 18 22 24 25 1



Map of the Rice Related Projects Showing their Coverage (5/12), Madagascar

Rice Related Project in Mali (6/12)

Mapping Number *	Project Number	Title	Fund Source
①	ML-2	National Program of Rural Infrastructure (PNIR)	WB, etc.
②	ML-44	Food Security Program in the Southern Zone of PIC 2	Luxemburg
①	ML-1	Development Fund in Sahel Zone	IFAD, etc.
②	ML-10	Project for the dissemination of NERICA Rice	AfDB, etc.
③	ML-11	Program of Agricultural Productivity in Western Africa (WAAPP)	WB, etc.
④	ML-14	Integrated Rural Development Project of KITA (PDRIK)	IsDB, etc.
⑤	ML-15	Program for the support of the sustainable development of Yélimane (PADDY)	Vietnam, etc.
⑥	ML-16	Integrated Rural Development Project of the Downstream Area of Manatali Dam (PDIAM)	Saudi Arabian Fund, etc.
⑦	ML-18	Project of Hydro-agricultural Development of Village Irrigation Areas in the Upstream of Sélingué Dam	Gov. Mali
⑧	ML-20	Project of the Hydro-agricultural Development of the Plot D of M'Bewani Area	BOAD, etc.
⑨	ML-23	Project of Support to the Rural Development of the Region of Mopti (PADER)	AfDB, etc.
⑩	ML-24	Office of Rice Contract Plan (ORM-CP)	Gov. Mali
⑪	ML-25	Project of Support to the Rural Development of the Plains of Daye, Hamadja and Korioume (PADR-PDHK)	AfDB, etc.
⑫	ML-27	Rural Development and Investment Program of the Northern regions of Mali (PIDRN)	IFAD, etc.
⑬	ML-3	Rice Sector Support Program (PAFR)	EU
⑭	ML-29	Supporting Program for the Development of the Area of the Office of Niger (PADON)	AFD
⑮	ML-31	Project for the Extension of N'Bebougou Perimeter - Section III	KfW, etc.
⑯	ML-32	Project of Irrigated Area Intensification of Baguineda (PIB)	AfDB, etc.
⑰	ML-39	Project for the Development of the San West Plain (PAPSO)	Luxembourg, etc.
⑱	ML-40	Supporting Program to the Agricultural Sector of Mali (PASAM)	Denmark, etc.
⑲	ML-41	Project of Integrated Initiatives for the Economic Growth of Mali (IICEM)	USAID
⑳	ML-42	Mali North Programme	KfW, etc.
㉑	ML-43	Program of Support to the Community Irrigation Sub-sector (PASSIP)	GTZ
㉒	ML-5	Action Plan for the Soil Fertility (PAFS)	Gov. Mali
㉓	ML-7	National Program of Small Weir for Bas-fonds (PNPBBF)	Gov. Japan, etc.
㉔	ML-8	Contract Plan State / Office / Producers (CP-OHVN)	Gov. Mali
㉕	ML-9	African Project on the Emergency Prevention against Pilgrim Locust (PALUCP)	WB, etc.
①	ML-12	Project of Infrastructures Rehabilitation of the World Food Program (PAM)	Gov. Mali
②	ML-13	Program of Restructuring the Cereal Market (PRMC)	Canada, etc.
③	ML-17	Rehabilitation of the hydro-agricultural area of Baguineda	Gov. Mali
④	ML-19	Project of Rehabilitation of the Hydro-agricultural Area of Ke-Machina Phase II	Kuwait Fund, etc.
⑤	ML-21	Office of Rice Ségou/Contract Plan (ORS-CP)	Gov. Mali
⑥	ML-22	Integrated Rural Development Project in the Region of Ségou (PDIS)	IsDB, etc.
⑦	ML-26	Integrated Agricultural Development Project of Saoune (PDAIS)	BADEA, etc.
⑧	ML-28	Development Program of the Plains of Middle Bani (PMB)	AfDB, etc.
⑨	ML-30	Dutch Supporting Program to the Contract Plan of the Office of Niger	Netherlands
⑩	ML-33	Project for the Rehabilitation of the Irrigated Area of Maninkoura (PAPIM)	AfDB, etc.
⑪	ML-34	Rural Development Project of the Circle of Ansongo (PRODECA)	AfDB, etc.
⑫	ML-35	Project for the Development of Village Irrigation Areas of GAO (PAPIV)	BADEA, etc.
⑬	ML-36	Development of the Faguibine System (MVSF)	Gov. Mali
⑭	ML-37	Study of the Integrated Rural Development Program of Djenneé circle	AfDB, etc.
⑮	ML-38	Agricultural Development Project of the Niger River Valley (PDAVFN)	IsDB, etc.
⑯	ML-4	Project for the support to the seed sector (PAFISEM)	AfDB, etc.
⑰	ML-6	Government Program of the Development of 50,000 ha	Gov. Mali

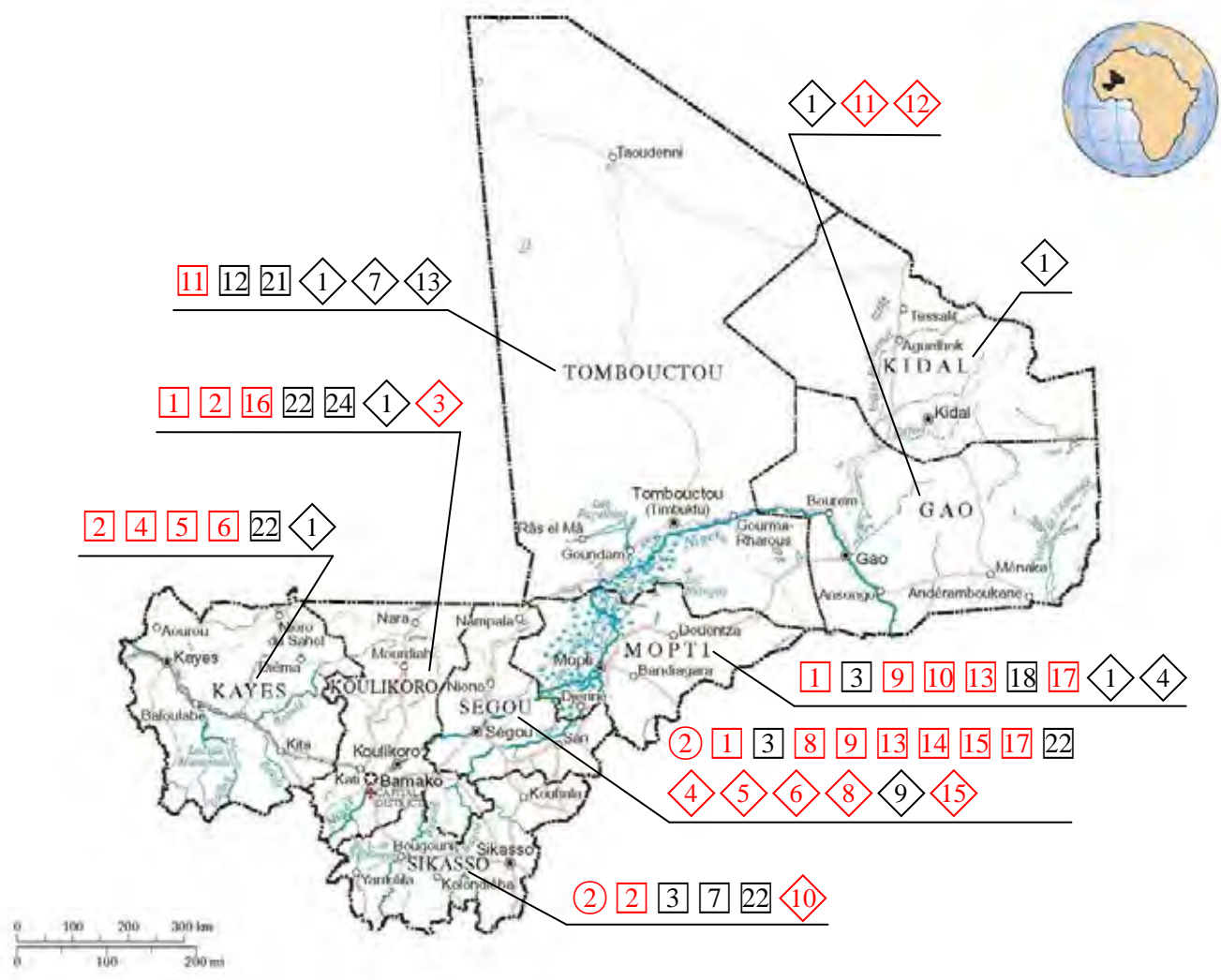
* ○: Pipeline or approved, □: On-going, ◇: Completed, Red: Rice centered, Black: Others

Legend

- : Pipeline or approved
- : On-going
- ◇: Completed
- Red: Rice centered
- Black: Others

① 21 23 25 ◇ 2 ◇ 4 ◇ 17: Nationwide

19: Unknown



Map of the Rice Related Projects Showing their Coverage (6/12), Mali

Rice Related Project in Mozambique (7/12)

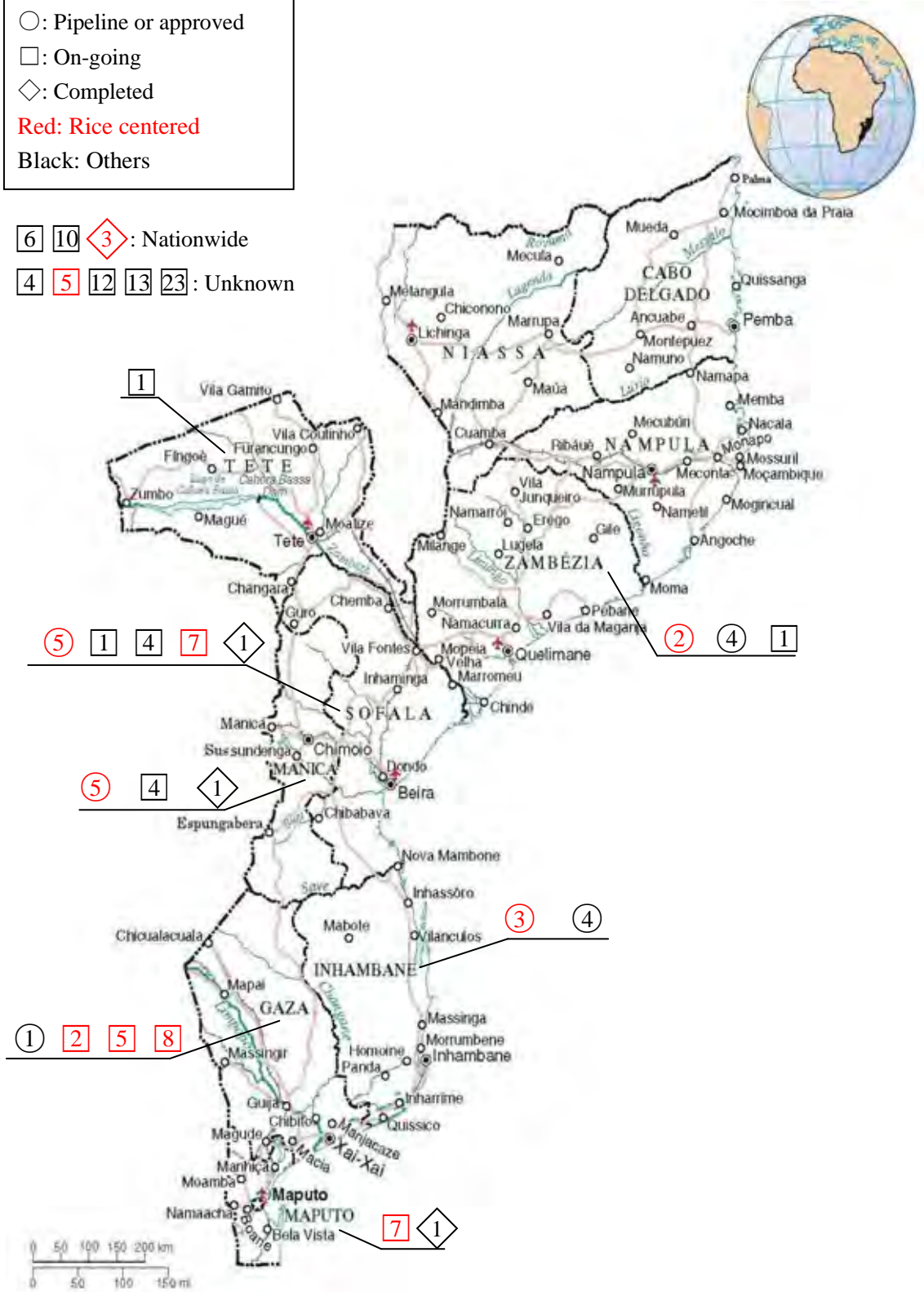
Mapping Number *	Project Number	Title	Fund Source
①	MZ-12	Rehabilitation of secondary and tertiary canals of the Chokwe Irrigation Scheme	IsDB
②	MZ-13	Project for the Rice Production Promotion in Nante Area in the Zambezia Province	JICA
③	MZ-14	Save Valley Irrigation Development Project	BADEA, etc.
④	MZ-16	Drought Mitigation Plan for Gaza and Inhambane	EU
⑤	MZ-2	Sustainable Irrigation Development Project	WB, etc.
□	MZ-1	Market-led smallholder development in the Zambezi Valley Project	WB, etc.
②	MZ-11	The Integrated Agricultural Development Project for Small Scale Farmers in Chokwe Irrigation Scheme	JICA
□	MZ-3	Strategic planning for irrigation in Mozambique	EU
□	MZ-5	Pungué Basin Integrated Water Resources Management and Development Program - Phase 2 (PP2)	Sweden
⑤	MZ-6	MOSFED	Private
□	MZ-7	Agricultural Support Programme	IFAD, etc.
⑦	MZ-8	Small Scale Irrigation Project (SSIP)	AfDB, etc.
⑧	MZ-9	Massingir Dam and Smallholder Agricultural Rehabilitation Project (Supplementary Loan)	AfDB, etc.
◇	MZ-10	Integrated Agricultural Development Project (PIDA)	Italy
◇	MZ-15	EC Support to Drought Mitigation Plan for Gaza and Inhambane	EU
◇	MZ-17	Development Strategy for the Rice Sector in Mozambique	Italy
◇	MZ-4	Pungué Basin Integrated Water Resources Management and Development Program (PP)	Sweden

* ○: Pipeline or approved, □: On-going, ◇: Completed, Red: Rice centered, Black: Others

Legend

- : Pipeline or approved
- : On-going
- ◇: Completed
- Red: Rice centered
- Black: Others

⑥ ⑩ ◇③ : Nationwide
 ④ ⑤ ⑫ ⑬ ⑰ : Unknown



Map of the Rice Related Projects Showing their Coverage (7/12), Mozambique

Rice Related Project in Nigeria (8/12)

Mapping Number *	Project Number	Title	Fund Source
①	NG-17	Third National Fadama Development Project (Fadama III)	WB
②	NG-18	Commercial Agricultural Development Project (CARD)	WB
1	NG-10	Rice Seed Production	AGRA
2	NG-11	National Programme for Food Security (NPFS)	AfDB, etc.
3	NG-12	Rehabilitation of Small-scale Irrigation Schemes	FAO, etc.
4	NG-13	Construction of Rice Processing Complex in Nigeria	KOICA
5	NG-14	Rice Processing Intervention Fund	Gov. Nigeria
6	NG-15	Breeding for High-yielding Stable Drought Tolerant Rice and Provision of Quality Seeds of Rice for Poor Resource Farmers in Nigeria	AGRA
7	NG-16	Targeting Drought-avoidance Root Traits to Enhance Rice Productivity under Water-limited Environments	CGIAR
8	NG-19	Improvement of Drought and Submergence Tolerance of Rice in Africa, including NERICA	JIRCAS
9	NG-6	Presidential Initiative on Increased Rice Production, Processing and Export	Gov. Nigeria
10	NG-7	Maximizing Agricultural Revenue and Key Enterprises in Targeted Sites (MARKETS)	USAID
11	NG-8	Promoting Pro-Poor Opportunities through Commodity and Service Markets (PrOpCom)	DFID
12	NG-9	Multinational NERICA Rice Dissemination Project	AfDB
◇1	NG-1	Developing Agri-inputs Market in Nigeria (DAIMINA)	USAID
◇2	NG-2	Dissemination of new rice varieties in Nigeria using participatory varietal selection (PVS) approach	Gatsby Charitable and Rockefeller Foundations
◇3	NG-3	National Special Programme for Food Security (NSPFS)	FAO, etc.
◇4	NG-4	Rice Production, Post-harvest Processing and Marketing Adviser	JICA
◇5	NG-5	Second National Fadama Development Project (Fadama II)	WB

* ○: Pipeline or approved, □: On-going, ◇: Completed, Red: Rice centered, Black: Others

Rice Related Project in Senegal (9/12)

Mapping Number *	Project Number	Title	Fund Source
①	SN-1	Promotion of Private Investment on Agriculture	AFD
②	SN-14	National Local Development Program	WB
③	SN-24	Project for Improvement of Productivity in Irrigation Scheme in the Valley of Senegal	JICA
④	SN-29	Rehabilitation and expansion and agricultural land in the right bank of Lampsar river	BADEA
⑤	SN-4	Realization of the contribution to hydraulics, water distribution and irrigated crop production	MCA
⑥	SN-7	Feasibility Study of Grand Digue Tellel	KOICA
①	SN-10	Support to the Boosting of the Rice Cultivation	FAO
②	SN-11	Agricultural Markets and Agribusiness Development Program in Senegal (PDMAS)	WB
③	SN-12	Agricultural Services and Producer Organizations Program phase 2 (PSOAP 2)	WB, etc.
④	SN-15	Participatory Land Development Project	WB, etc.
⑤	SN-16	Anambe Basin Rural Development Support Project (PADERBA)	AfDB, etc.
⑥	SN-17	Project to Support Local Small-Scale Irrigation (PAPIL)	AfDB, etc.
⑦	SN-18	Socio-economic Development Support Program for Peace in Casamance (PROCAS)	GTZ
⑧	SN-19	Programme of the Groundnut Basin (PBA)	GTZ
⑨	SN-2	Formulation of Land Occupation and Allotment Plan (POAS)	AFD
⑩	SN-20	Anambe Basin Hydro-Agricultural Development Project Phase III	IsDB, etc.
⑪	SN-25	Concerted Program of the Production of Certified Rice Seeds in Casamance	AfDB
⑫	SN-26	Casamance Rural Development Support Project (PADERCA)	AfDB, etc.
⑬	SN-27	Integrated Agricultural Development Project in "Ndiawara" Region	BADEA, etc.
⑭	SN-3	Formulation of Irrigation Development Charter (CDI)	AFD
⑮	SN-5	Project for the Irrigation System in Senegal	KOICA
⑯	SN-6	Agricultural production improvement project in Dagana Department	KOICA
⑰	SN-8	Capacity Development of Rice Producers	China
⑱	SN-9	Send Trainees for Rice Production International Course	Thailand
◇1	SN-13	National Rural Infrastructure Program (PNIR)	WB, etc.
◇2	SN-21	Local Rice Promotion Project	Taiwan
◇3	SN-22	Kobilo Basin Development Project	BADEA
◇4	SN-23	The Study on the Reorganization of the Production of Rice in Senegal	JICA
◇5	SN-28	Agricultural Modernization and Intensification Project (PMIA)	AfDB, etc.

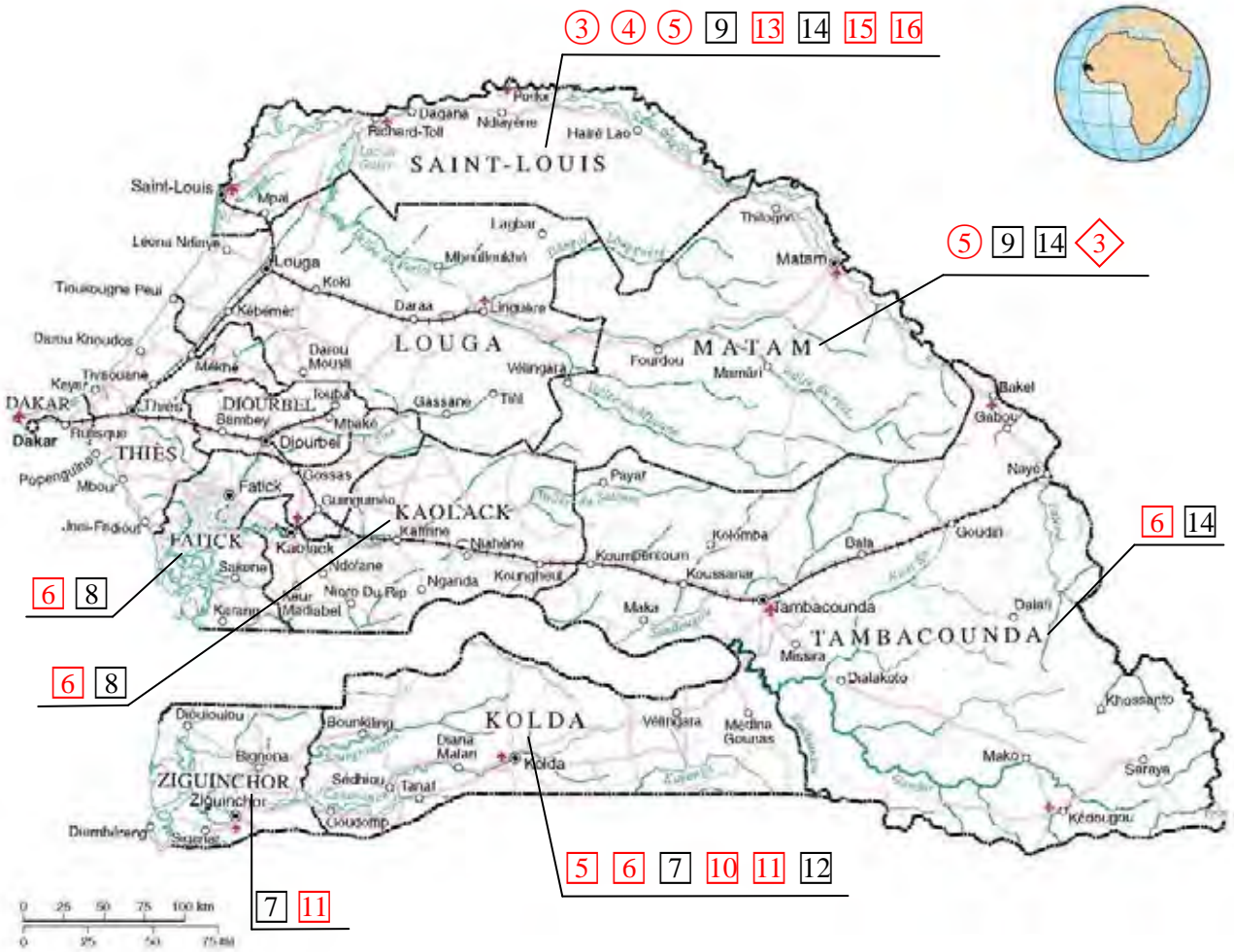
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Legend

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- ◇: Completed
- Red: Rice centered
- Black: Others

② ③ ④ ① ④ ⑤ : Nationwide

① ① ② ⑱ ⑱ ② : Unknown



Map of the Rice Related Projects Showing their Coverage (9/12), Senegal

Rice Related Project in Sierra Leone (10/12)

Mapping Number *	Project Number	Title	Fund Source
1	SL-1	Agricultural Sector Rehabilitation Project (ASREP)	AfDB
2	SL-10	Purchase for Progress (P4P)	WFP
3	SL-11	Seed Enterprise Enhancement and Development (SEED)	Germany
4	SL-2	Rehabilitation and community-based poverty reduction project (RCPRP)	IFAD
5	SL-3	Rural Finance and Community Improvement Programme	IFAD
6	SL-5	Use of STABEX Transfers Project (USTP)	EU
7	SL-7	Hybrid Rice Promotion	China
8	SL-8	Program for the intensification of rice production	Gov. Sierra Leone
9	SL-9	NERICA Dissemination Project	AfDB
10	SL-12	Development of High-yielding Rice Varieties for Low-input Agriculture Systems using Mutation Techniques	IAEA
11	SL prog-1	Operation Feed the Nation (OFTN)	FAO, etc.
12	SL prog-2	National Agriculture Response Programme (NARP)	AfDB ASREP, etc.
1	SL-4	Agricultural Development Project in Kambia	JICA
2	SL-6	LINKS Projects by CORAD	USAID, etc.

* ○: Pipeline or approved, □: On-going, ◇: Completed, **Red: Rice centered**, Black: Others

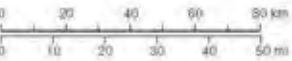
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- : On-going
- ◇: Completed
- Red: Rice centered
- Black: Others



2 8 9 11 12 : Nationwide

1 3 5 6 7 10 1 2



Map of the Rice Related Projects Showing their Coverage (10/12), Sierra Leone

Rice Related Project in Tanzania (11/12)

Mapping Number *	Project Number	Title	Fund Source
1	TZ-3	Agricultural Sector Development Program (ASDP)	IFAD, etc.
2	TZ-4	Technical Cooperation for Formulation and Training of the DADP Guidelines on Irrigation Scheme Development	JICA
3	TZ-5	Technical Cooperation for Supporting Service Delivery Systems of Irrigated Agriculture	JICA
4	TZ-6	Coastal Rural Support Programme (Tanzania): Rice Intervention	AKF, etc.
5	TZ-7	Improving Rice Varieties through Mutation Breeding and Biotechnology in Zanzibar	IAEA, etc.
6	TZ-8	Rehabilitation of Irrigation Infrastructure in Zanzibar	KOICA
7	TZ-9	Genetic enhancement to increase productivity in rice through breeding for resistance to RYMV disease in Tanzania	Rockefeller Foundation
1	TZ-1	Technical Cooperation for Kilimanjaro Agricultural Engineer Training Center Project II	JICA
2	TZ-2	Kibokana Irrigation Rehabilitation Project	Japan Grass Root Grant

* ○: Pipeline or approved, □: On-going, ◇: Completed, Red: Rice centered, Black: Others

Legend

- : Pipeline or approved
- : On-going
- ◇: Completed
- Red: Rice centered
- Black: Others

1: Nationwide



Map of the Rice Related Projects Showing their Coverage (11/12), Tanzania

Rice Related Project in Uganda (12/12)

Mapping Number *	Project Number	Title	Fund Source
①	UG-17	The Grant Aid Project for Establishment of Regional Rice Research and Training Center in the National Crops Resources Research Institute in the Republic of Uganda	JICA
①	UG-1	Dissemination of NERICA and Improved Rice Production Systems to Reduce Poverty and Food Deficit in Uganda	FAO
②	UG-10	Investment in Developing Export Agriculture (IDEA)	USAID
③	UG-12	District Livelihoods Support Programme	IFAD, etc.
④	UG-13	Community Agricultural Infrastructure Improvement Programme	AfDB, etc.
⑤	UG-14	Rural Financial Services Programme	IFAD
⑥	UG-15	Technical Assistance Support to Sustainable Irrigated Agriculture Development Project in Eastern Uganda	JICA
⑦	UG-16	Technical Assistance Support to NERICA Rice Promotion Project	JICA
⑧	UG-2	Project for Agriculture and Rural Development through Innovative Rice-based Farming Systems for Food Security and Poverty Reduction in Republic of	FAO
⑨	UG-4	The National Agricultural Advisory Services Programme	IDA, etc.
⑩	UG-6	Private Sector Development & Consultancy Center (PRICON)	UNDP
⑪	UG-7	Farm Income Enhancement and Forest Conservation Project (FIEFOC)	AfDB, etc.
⑫	UG-8	Agricultural Productivity Enhancement Program (APEP)	USAID
⑬	UG-9	Livelihood and Enterprises for Agricultural Development (LEAD) Project	USAID
◇①	UG-11	Area-Based Agricultural Modernization Programme (AAMP)	IFAD, etc.
◇②	UG-3	Participatory evaluation of upland rice varieties and determination of suitable crop management practices in Uganda	The Rockefeller Foundation
◇③	UG-5	Promotion of NARIC 3 Upland Rice in Uganda for Sustainable Household Food Security and Incomes project	UNDP

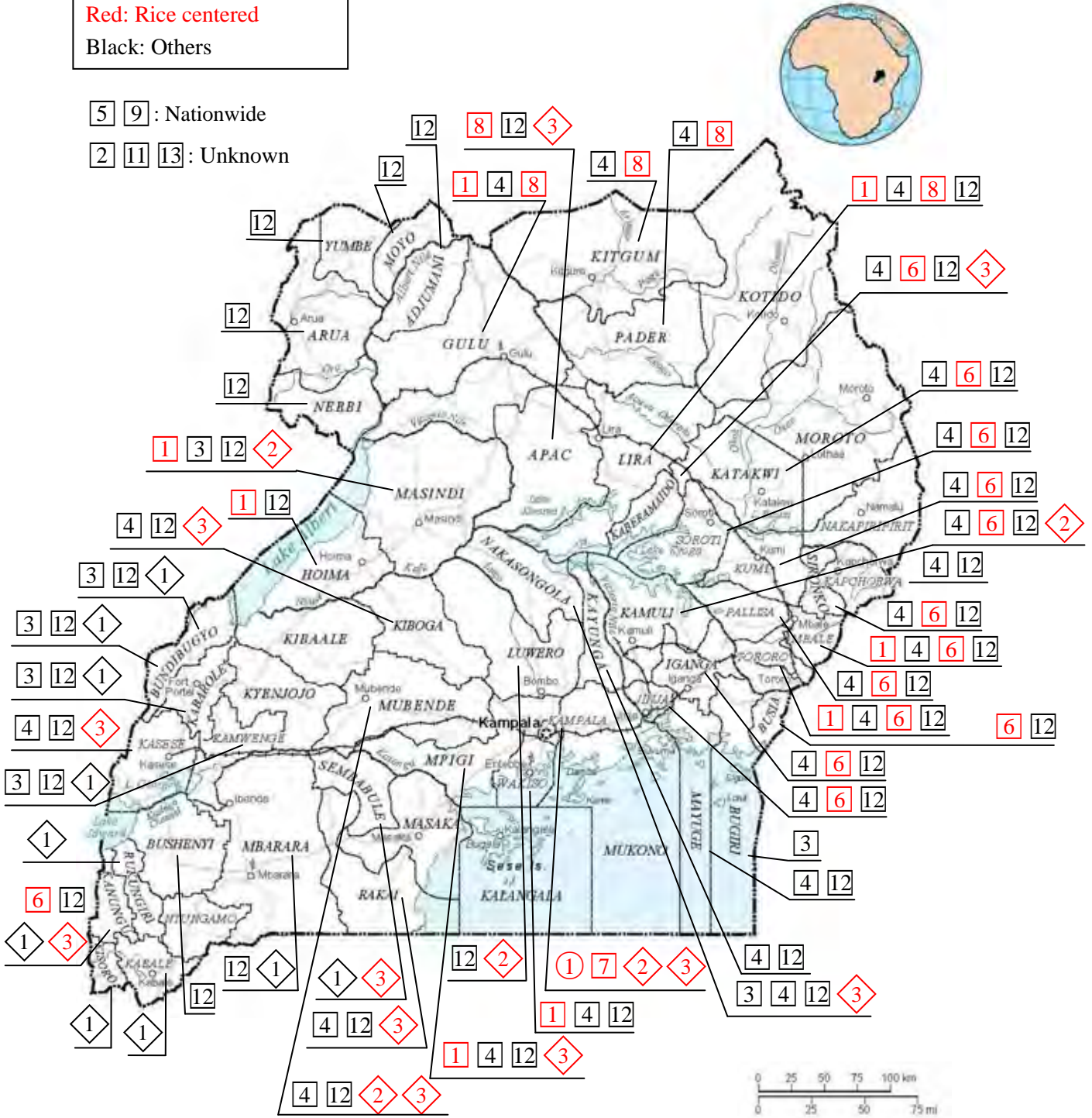
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Legend

- : Pipeline or approved
- : On-going
- ◇: Completed
- Red: Rice centered
- Black: Others

5 9 : Nationwide

2 11 13 : Unknown



Map of the Rice Related Projects Showing their Coverage (12/12), Uganda

Rice Related Project (Regional)

Mapping Number *	Project Number	Country/Area	Title	Fund Source
①	RG-8	Inland Valley Consortium	SAWAH, Market Access and Rice Technologies for Inland Valleys (SMART IVs)	MAFF, Japan
②	RG-12	West Africa	Study on Improvement of Soil Fertility in Africa	MAFF, Japan
③	RG-14	Africa and other regions	Project of Support to Stimulate Agriculture and Farmers' Organization in Africa and other regions	MAFF, Japan
①	RG-3	Brundi, Kenya, Mozambique, Rwanda, Tanzania, Uganda	Alleviating rural poverty through improving rice production in East and southern Africa	IFAD, etc.
②	RG-4	Nigeria, Benin, Senegal, Burkina Faso, Ghana, Guinea, The Gambia, and Mali in West Africa; Mozambique, Tanzania, Uganda, Ethiopia, Madagascar, and Rwanda in eastern and southern Africa; and India, Bangladesh, and Nepal in South Asia.	Stress Tolerant Rice for Africa and South Asia (STRASA)	Bill and Melinda Gates Foundation
③	RG-1	Ghana, Nigeria	Materialization of West African Rice Green Revolution by Sawah Eco-technology and Creation of African SATOYAMA Systems	MEXT, Japan
④	RG-5	Nigeria, Ghana, Mali, Senegal	USAID Famine Fund	USAID
⑤	RG-6	Nigeria, Liberia, Rwanda, Uganda, Mali, Mozambique, Senegal,	Green Super Rice for the Resource Poor of Africa and Asia	Bill and Melinda Gates Foundation
⑥	RG-7	Uganda, Mali, Nigeria, Ethiopia	Sasakawa-Global 2000 Agricultural Programme in Africa	SG2000
⑦	RG-2	Tanzania, Uganda, Ethiopia, Zambia, Mali, Burkina Faso, Kenya, Nigeria,	Programme for Africa's Seeds Systems (PASS)	The Rockefeller Foundation, etc.
⑧	RG-9	African countries	Regional Capacity Building for Community-Based Swamp & Small Irrigated Village Plots Development	MAFF, Japan
⑨	RG-10	African countries	Japan Capacity Building Program for African Agricultural Researchers	MAFF, Japan
⑩	RG-11	Ghana, Ethiopia	Fund for Studying against Poverty Reduction in Rural Area of Africa (The Study on Development of Improved Infrastructure and Technologies for Rice Production)	MAFF, Japan
⑪	RG-13	LDCs in Africa	Project for the Promotion of South-South Cooperation for the Improvement of Production Capacity in Developing Countries	MAFF, Japan
⑫	RG-15	Senegal, Mali, Mauritania, Guinea	Senegal River Basin Multi-purpose Water Resources Development Project	WB, etc.
⑬	RG-16	Senegal, Mali, Liberia, Nigeria, Ghana	West Africa Global Food Security Response	USAID
⑭	RG-17	African countries	Financial Support to WB for Promoting Rice Production	Ministry of Finance, Japan

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Attachment 1
Itinerary of the Mission Members

Itinerary of the Mission

	Takashi KIMIJIMA	Daigo MAKIHARA
Mar. 7 (Sat)	Leave Japan	Leave Japan
8 (Sun)	Arrive at Nairobi (14:55 by EK719)	Same as KIMIJIMA
9 (Mon)	JICA Kenya Office; CARD secretariat	Same as KIMIJIMA
10 (Tue)	Move from Nairobi to Dakar (8:50 - 15:40 by KQ512)	World Bank; Ministry of Agriculture; Alliance for Green Revolution for Africa (AGRA); Rockefeller Foundation
11 (Wed)	JICA Senegal Office	AICAD headquarters; International Fund for Agricultural Development (IFAD)
12 (Thu)	Move from Dakar to Bamako (8:00 - 9:45 by ET 908) JICA preparatory study team	Move from Nairobi to Entebbe (8:25 - 9:40 by KQ410) FAO; JICA Uganda Office
13 (Fri)	Ministry of Agriculture; AfDB	Ministry of Agriculture, Animal Industry and Fisheries (MAAIF); National Agricultural Research Organization (NARO); National Agricultural Advisory Services (NAADS)
14 (Sat)	Data arrangement	Data arrangement
15 (Sun)	Move from Bamako to Dakar (13:45 - 15:40 by KQ512)	Data arrangement
16 (Mon)	JICA Senegal Office (14:00)	United Nations Development Programme (UNDP)
17 (Tue)	Move from Dakar to Conakry (20:20 - 21:35 by V7720)	AfDB; United States Agency for International Development (USAID); Sasakawa Global 2000 (SG2000); IFAD; World Bank
18 (Wed)	JICA expert, Ministry of Agriculture; French Development Agency (AFD), World Food Programme (WFP), World Bank	Move from Entebbe to Nairobi (10:30 - 11:40 by KQ411) FAO
19 (Thu)	FAO, African Rice Initiative, Institute de la Recherche Agricole de la Guinée	Kenya Plant Health Inspectorate Service (KEPHIS); JICA Kenya Office, National Irrigation Board (NIB)
20 (Fri)	Move from Conakry to Dakar (9:30 - 10:30 by V7721)	Mwea Irrigation and Agricultural Development (MIAD) Centre Leave for Japan (16:40 by EK720)
21 (Sat)	Data arrangement	Arrive in Japan
22 (Sun)	Move from Dakar to Nairobi (16:40 - 5:35 +1 by KQ513)	
23 (Mon)	Data arrangement	
24 (Tue)	Move from Nairobi to Yaoundé (19:15 - 21:20 by KQ504)	Shuichi ASANUMA
25 (Wed)	JICA Cameroon Office; Japanese Embassy; WFP	Arrive at Accra (12:40 by EK787) JICA Ghana Office (p.m.)
26 (Thu)	Ministry of Agriculture and Rural Development; CARD Task Force Team; FAO	Ministry of Food and Agriculture (MOFA); AFD; AfDB
27 (Fri)	Institute de la Recherche Agricole pour le Développement (IRAD), Donors Coordination Committee Meeting	FAO; Forum for Agricultural Research in Africa (FARA); Japan International Research Center for Agricultural Science Team (JIRCAS)

28 (Sat)	Data arrangement	Data arrangement
29 (Sun)	Data arrangement	Move to Kumasi (by road)
30 (Mon)	World Bank; US Embassy; IFAD Liaison; European Union (EU) Move from Yaounde to Nairobi (22:05 - 6:05 +1 by KQ504)	Crop Research Institute (CRI); Soil Research Institute (SRI); Inland Valley Rice Development Project
31 (Tue)	Data arrangement	Move to Accra (by road)
Apr. 1 (Wed)	Move from Nairobi to Maputo (10:45 - 13:45 by KQ440) JICA Mozambique Office	Ghana Irrigation Development Authority (GIDA); Ghana Rice Inter-professional Body (GRIB); USAID
2 (Thu)	Ministry of Agriculture (MINAG) CARD Task Force Team member; World Bank; AfDB; Agricultural Promotion Centre (CEPAGRI), MINAG	AGRA; GIDA
3 (Fri)	FAO; IFAD; EU; National Directorate of Agrarian Services (DNSA), MINAG	JICA Ghana Office
4 (Sat)	Data arrangement	Move from Accra to Lagos (08:20 - 10:25 by VK842) Move to Ibadan (by road) WARDA-Nigeria at IITA
5 (Sun)	Data arrangement	Move to Lagos (by road) Move from Lagos to Abuja (10:00 - 11:30 by VK43L)
6 (Mon)	MINAG, International Rice Research Institute (IRRI) East and Southern Africa Regional Office	JICA Nigeria Office; Embassy of Japan; National Food Reserve Agency & National Programme of Food Security, Ministry of Agriculture and Water Resources
7 (Tue)	JICA Mozambique Office	FAO
8 (Wed)	Move from Maputo to Nairobi (14:00 - 18:30 by KQ441)	Nigeria Economic Summit Group Rice Network; AfDB
9 (Thu)	Move from Nairobi to Antananarivo (10:10 - 13:10 by KQ456) JICA Madagascar Office	World Bank; USAID-Market; JICA Nigeria Office
10 (Fri)	Ministry of Agriculture, Livestock and Fisheries (MAEP); CARD Task Force Team, Aga Khan Foundation (AKF); National Rice Platform (PCP-Riz); AFD; IFAD	Move from Abuja to Lagos (14:20 - 15:35 by VK48L)
11 (Sat)	Data arrangement	Move from Lagos to Nairobi (21:10 - 6:30+1 by KQ542)
12 (Sun)	Data arrangement	Move from Nairobi to Dar es Salaam (17:25 - 18:35 by KQ484)
13 (Mon)	Inspection of rainfed rice fields in Central Highland area	Data arrangement
14 (Tue)	AfDB: Millenium Challenge Account (MCA); World Bank; Catholic Relief Services (CRS); USAID	JICA Tanzania Office; World Bank; JICA Project: Formulation and Training of the DADP Guidelines on Irrigation Scheme Development
15 (Wed)	FAO; Development Advisory Group (GCD); Donor Coordination Meeting; Rice Watch (ODR); JICA Madagascar Office	Ministry of Agriculture, Food Security and Cooperatives; JICA Project: Supporting Service Delivery Systems of Irrigated Agriculture (TanRice); IFAD

16 (Thu)	EU Move from Antananarivo to Nairobi (12:45 - 15:45 by KQ457)	Mikocheni Agricultural Research Institute; Aga Khan Foundation; Move from Dar es Salaam to Zanzibar (16:45- 17:15 by SC-DAR-ZNZ)
17 (Fri)	JICA Kenya Office	Min. of Agric. Livestock and Environment; Kizimbani Agricultural Research Station; Kilombero Rice Field; Move from Zanzibar to Dar es Salaam (16:00-16:20 by SC-ZNZ-DAR); Ambassador of Japan
18 (Sat)	Data arrangement (Report compilation)	Move from Dar es Salaam to Nairobi (15:00 - 16:15 by KQ483)
19 (Sun)	Data arrangement (Report compilation)	Same as KIMIJIMA
20 (Mon)	CARD secretariat; JICA Kenya Office, Leave for Japan (16:40 by EK720)	Same as KIMIJIMA
21 (Tue)	Arrive in Japan	Arrive in Japan

Attachment 2
List of Persons Contacted

List of Persons Contacted

1. Cameroon

Japanese Embassy

Keiji YAMAMOTO Ambassadeur
Akira TAKEDA Conseiller

JICA Cameroon Office

Rumiko YAMAMOTO Representant Resident
Masayoshi KIKUTA Conseiller technique en programme d'assistance
Yukari NAGATA Coordinatrice (Project Management Coordinator)
Yoko MARUKAWA Coordinatrice
Boubakari YOUSOUFA Coordinateur

World Food Program (Programme Alimentaire Mondial; PAM)

Andre MBALLA VAM officer

Ministère de l'Agriculture et du Développement Rural (MINADER)

Patrick Nna MVONDO Directeur, Direction des études, des programmes et de la coopération
Ondoa Manga TOBIE Chargé d'études assistant N° 1, cellule de analysis prospectives et des politiques agricoles, Direction des etudes, des programmes et de la coopération

Task Force/Expert CARD

Manga BELA Secrétaire, Task-Force Riziculture, Ministère de l'économie, de la planification, et de l'aménagement du territoire (MINEPAT)
Souleymanou Ousmanou Cellule de la planification du développement rural (CPDR)/ Division de la prospective et de la planification stratégique (DPPS) membre, MINEPAT
Moussa SANWARD Sous-directeur, MINCOMMERCE
Abubakar NJOYA Directeur de la Recherche, IRAD
Pascal NGNINBEYIE Projet Riz, IRAD
Ondoa Tanga TOBIE MINADER

Food and Agriculture Organization of the United Nations (FAO)

Felicitas ATANGA Assistante du Représentant de la FAO
Abrourahman ZOURMBA Chargé de Ressources d'Information / Communication

Institut de recherche agricole pour le développement (IRAD)

Dr. Aboubakar NJOYA Directeur de la Recherche, Directeur Général Adjoint
Mr. Bascal NGINBEYIE Projet Riz

Comite Multi Bailleurs (CMB), Cameroun

Pierre HOUPIKIAN	Conceiller adjoint de coopération, Ambassade de France
Wilfrid FOUSSE	Ingénieur en chef de Genie Rural, des Eaux et des Forêts, Attaché de Coopération, Développement Rural et Environnement, Ambassade de France
Mélanie PONTVIANNE	Responsable Appui aux Entreprises (Agriculture, Agroalimentaire, Biens de Consommation, Santé), mission économique de Yaoundé, Ambassade de France
Arend van der GOES	Conseiller Senior PFNL, SNV (Organisation Néerlandaise de Développement)
Frédéric Ocrisse-Aka	Secrétaire du Comité Multi Bailleurs, UNDP
Wim IMPENS	Section Développement Rural, Union Européenne, Délégation de la Commission Européenne au Cameroun
Polycarpe NGALEU	p/c FIDA, 99863274/22023840

World Bank Cameroon Country Office

Ousmane SECK Cluster Leader for Sustainable Development – AFTER

Embassy of the United States of America

Daniel AGOONS Special Projects Coordinator

Planning Network and Consulting

Polycarpe NGALEU Ingénieur Conseil, Directeur

Union Européenne

Wim IMPENS Section Développement Rural

Francois KWONGANG - ditto -

2. GhanaJICA Ghana Office

Kunihiro YAMAUCHI	Chief Representative
Masato KUMAGAI	Senior Representative
Yukinari TANAKA	Assistant Resident Representative
Mitsuhiro KATO	JICA Project Formulation Advisor (Agriculture and Rural Development)

Ministry of Food and Agriculture (MOFA)

K. Amoo Baffoe	Director, Crop Service Directorate
Richard Donkoh	Monitoring and Evaluation Officer, NERICA Rice Dissemination Project

Agence Francaise de Developpement (French Development Agency) (AFD)

Thomas De GUBERNATIS Senior Project Officer

African Development Bank (AfDB)

Patrick AGBOMA Country Program Officer

FAO Representation in Ghana

Elsaid A. Yeboah Assistant FAO Representative in Ghana

FAO Regional Office for Africa

Cheikh Ndiaye Senior Regional Food and Nutrition Officer

Forum for Agricultural Research in Africa (FARA)

Ralph von Kaufmann Director, Capacity Strengthening

Myra Wopereis-Pura Director, Access to Knowledge and Technology (NFS2)

JIRCAS Mission

Kimio OOSUGA

Naoyoshi KAWANO

Shigeya OTSUKA

Crop Research Institute (CRI)

Ralph K. Bam Senior Research Scientist

Soil Research Institute (SRI)

Francis M. Tetteh Deputy Director

M.M. Buri Senior Research Scientist

Kwame O. Asubonteng Senior Research Scientist (soil fertility & environmental management)

Roland N. Issaka Senior Research Scientist (soil fertility)

James Oppong Research Scientist

Eric O. Adjei Information Scientist/Scientific Secretary

Inland Valley Rice Development Project (IVRDP), Regional Office of MOFA

Edwin Sonne Project Coordinator

Charles Tandoh Post-harvest and Marketing Specialist

Philip D. Laryea Water Management Engineer

Ghana Irrigation Development Authority (GIDA)

Mr. Daniel N. Ohemeng Deputy Chief Executive

Mr. J.K. Antwi Director (Operation)

Ghana Rice Inter-professional Body (GRIB)

Mr. Fidelis Avogo Executive Secretary

USAID-Ghana

Dr. John Mullenax Agricultural Advisor

Alliance for a Green Revolution in Africa (AGRA)

Dr. Aboubacar Toure Program Officer, Crop Improvement and Variety Adoption

Dr. Kehinde Makinde Program Officer, Agro Dealer Development

3. Guinea

Ministere de l'Agriculture

Takashi NANYA	Conseiller Technique Japonaise du Ministre
Kaba CAMARA	Directeur General, Bureau de Strategie et de Developpement (BSD)
Sylla SEKOU	Directeur General Adjoint, BSD
Mamadi Koumba DIAWARA	Chéf, Cellule Promotion Privée, BSD

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Attachment 3
Collected Reports/References

List of Data Collected

Cameroon

1. Ministère de l'Agriculture et du Développement Rural (MINADER), Note sur la restructuration de la SEMRY et UNVDA, Mars 2004
2. MINAGRI/DEPA/CPA, Banque de données des projets agricoles, Relance de la riziculture dans la vallée du Logone, Mars 2004
3. MINAGRI/DEPA/CPA, Banque de données des projets agricoles, SEMRY, Mars 2004
4. MINAGRI/DEPA/CPA, Banque de données des projets agricoles, Upper Nun Valley Development Authority, Mars 2004
5. MINADER, Répertoire des Projets et Programmes du Ministère de l'Agriculture et du Développement Rural, 2006
6. FAO, Appui à la multiplication et à la diffusion de semences améliorées et saines de riz, Cameroun, 2004 (Agreement between the Government of Cameroon and FAO)
7. FAO, Appui à la multiplication et à la diffusion de semences améliorées et saines de riz, Cameroun, Compte rendu final du projet préparé pour le gouvernement du Cameroun par L'Organisation des Nations Unies pour l'Alimentation et l'Agriculture, 2007
8. Pascal Ngninbeyie, Amélioration de la Compétitivité du Riz en Afrique Centrale, Presentation du projet, février 2008 (Powerpoint presentation paper)
9. Pascal Ngninbeyie, Etat d'avancement du projet, février 2008 (Powerpoint presentation paper)
10. Institute de recherche agricole pour le développement (IRAD), Brochure
11. MINADER, Strategie Nationale de Développement de la Riziculture au Cameroun, Mouture III, Mars 2009
12. EU, Evaluation finale du Programme de Développement Rural Participatif dans le Département du Logone-et-Chari (PDRP-L&C), Final Report, 2006 (Microsoft Word file)
13. F.Watang Ziéba et M. Lieugong, Mobilités spatiales et nouvelles pratiques foncières dans les terroirs d'immigration de la plaine du Diamaré (Nord Cameroun) : le cas du terroir de Foulou, Colloque international "Les frontières de la question foncière – At the frontier of land issues", Montpellier, 2006 (PDF file)

Ghana

1. Ministry of Food and Agriculture (Draft), The Republic of Ghana: National Rice Development Strategy (NRDS), February 2009. (Not validated by stakeholders)
2. NERICA Rice Dissemination Project (NRDP): Project Document, February 2009.

3. NERICA Rice Dissemination Project (NRDP): Status of Physical Implementation (2005-2008), February 2009.
4. MOFA & JIRCAS: Joint Research Agreement between the Government of the Republic of Ghana represented by Ministry of Food and Agriculture, Ghana and Japan International Research Center for Agricultural Sciences (JIRCAS), Japan for Collaboration in “the Study on Development of Improved Infrastructure and Technologies for Rice Production in Africa” (Draft), March 2009
5. Agence Francaise De Développement (AFD): AIDE MEMOIRE October 11th to 20th, 2006. Appraisal Mission of the Project “Support to the Rice Sector in Ghana” CGH 3000. 1415/11/2006
6. AFD: Rice Sector Support Project (RSSP) in Northern, Upper East, Upper West and Volta Regions. At a glance. MOFA/AFD Collaboration. June 2008. Tamale.
7. AfDB: Documents on the NERICA Rice Dissemination Project and Inland Valleys Rice Development Project.
8. FAO Representation in Ghana: Briefing Note on UTF/GHA/027/GHA: Special Programme for Food Security in Ghana.
9. FAO Representation in Ghana: Special Programme for Food Security (SPFS) – Ghana (Water Control Component).
10. Inland Valleys Rice Development Project: Ghana Inland Valleys Rice Development Project. March 2009(?).
11. African Development Fund & The Republic of Ghana: Loan Agreement between The Republic of Ghana and The African Development Fund (The Small Scale Irrigation Development Project), November 1997.
12. Irrigation Development Authority: Small Scale Irrigation Development Project Quarterly Progress Report - No.29 (October – December 2007), Ministry of Food and Agriculture, March 2008.
13. Ghana Irrigation Development Authority: 1st Quarterly Progress Report January – March 2008, Ministry of Food and Agriculture, May 2008.
14. Ministry of Food and Agriculture: Irrigation Development Authority Regulations, 1987. L.I. 1350, July 1987.
15. FAPIM, GIDA-JICA: Amendment of L.I. 1350 Final Draft Version, in Final Report of JICA Short-Term Expert Mr. Hiroshi Ogawa as Chief Advisor/Participatory Irrigation Management on Project for Promotion of Farmers’ Participation in Irrigation Management (FAPIM), Ghana Irrigation Development Authority, September 2006.
16. Ghana Rice Inter-professional Body. (Brochure)
17. Ghana Rice Inter-professional Body NEWSLETTER August 2008.

18. Xinshen Diao, et al.: Accelerating Africa's Food Production in Response to Rising Food Prices - Impacts and Requisite Actions -, IFPRI Discussion Paper 00825, Development Strategy and Governance Division, IFPRI, November 2008.
19. Development Strategy and Governance Division, IFPRI: Transforming Ghanaian Agriculture: Knowledge, Capacity, and Governance, GSSP Phase II Proposal: 2009-2013, IFPRI, March 2009. (a part of APPENDIX I. Proposed GSSP Workplan for 2009-2010)
20. Mullenax, John: Identifying opportunities in Ghana's Agriculture – Locating comparative advantage for economic growth and poverty reduction. (Powerpoint file), 2008
21. AGRA Brochures
 - Alliance for a Green Revolution in Africa
 - PASS Programme for Africa's Seed Systems
 - Partnerships and Grants Ghana, March 2009
 - Financing growth for Africa's smallholder farmers
 - Bringing hope to Kenya's smallholder farmers - Field voices
 - AGRA Update Vol. 1 No.2, Dec. 2008

Guinea

1. World Bank: Food Price Crisis Response Trust Fund; Emergency Food Crisis Responses Program to the Republic of Guinea under the Global Food Crisis Response Program; Program Document for a Proposed Food Crisis Response Development Policy Grant (US\$2.5 million) and Emergency Project Paper for an Additional Financing Grant to the Third Urban Development Project (US\$2.5 million) and a Grant for an Emergency Agricultural Productivity Support Project (US\$5.0 million), September 8, 2008
2. World Food Programme: Country Program – Guinea 10453.0 (2007-2011), 2006
3. World Food Programme: Protected Relief and Rehabilitation Operation (PRRO) Submission
4. World Food Programme: Concept Paper to Government of Japan
5. World Food Programme: Presentation on the Rural Community Development Activity
6. World Food Programme: Standard Project Report 2007, Guinea, Post Conflict Transition in Forest Guinea Region (10553.0)
7. World Food Programme: Standard Project Report 2007, Guinea, Country Programme – Guinea (2007-2011)
8. D. Simon and J. F. Benhamou, Rice-fish farming in Guinee Forestiere – outcome of a rural development project, Field Actions Science Reports, 2, 49–56, 2009

Kenya

1. The World Bank: Irrigation Subcomponent WB NRM project, (a word file)
2. The World Bank: PROJECT APPRAISAL DOCUMENT ON A PROPOSED CREDIT IN THE AMOUNT OF SDR 46.0 MILLION (US\$68.5 MILLION EQUIVALENT) TO THE GOVERNMENT OF KENYA FOR A NATURAL RESOURCE MANAGEMENT PROJECT, Report No: 37982-KE, February 26, 2007 (a PDF file)
3. The World Bank: STATUS OF PROJECTS IN EXECUTION–FY08 Operations Policy and Country Services, October 11, 2008 (a PDF file)
4. Ministry of Agriculture: Kenya National Rice Development Strategy Draft
5. African Institute for Capacity Development (AICAD): AICAD Reports Vol. 8, 2007, Proceedings of the ‘5th Workshop on the Promotion of New Rice for Africa (NERICA) in Kenya’ 26th – 27th February, 2007, ISSN 1810-9276
6. African Institute for Capacity Development (AICAD), and Japan International Cooperation Agency (JICA): Guidelines on Upland Rice Cultivation in Kenya, March 2009, Ministry of Agriculture
7. International Fund for Agricultural Development (IFAD): Southern Nyanza Community Development Project – IFAD Loan 620-KE
8. International Fund for Agricultural Development (IFAD): Central Kenya Dry Area Smallholder and Community Services Development Project –IFAD Loan 599-KE, BSF Grant BG-033-KE
9. International Fund for Agricultural Development (IFAD): Mount Kenya East Pilot Project for Natural Resource Management –IFAD Loan 599-KE, GEF Grant 011-KE
10. International Fund for Agricultural Development (IFAD): Smallholder Dairy Commercialization Programme –IFAD Loan 678-KE, Grant 815-KE,
11. International Fund for Agricultural Development (IFAD): Smallholder Horticulture Marketing Programme IFAD Loan 720-KE
12. Kenya Plant Health Inspectorate Service (KEPHIS): Annual Report and Financial Statements July 2007 – June 2008
13. Kenya Plant Health Inspectorate Service (KEPHIS): Strategic Corporate Business Plan (2007-2011)
14. Kenya Plant Health Inspectorate Service (KEPHIS): Kenya Plant Health Inspectorate Service Protecting Kenya’s Agriculture (Leaflet)
15. Kenya Plant Health Inspectorate Service (KEPHIS): Kenya Plant Health Inspectorate Service (KEPHIS) Service Charter (Leaflet)
16. National Irrigation Board (NIB): Information on Rice Projects Managed by National Irrigation Board
17. National Irrigation Board (NIB): National Irrigation Board Strategic Plan 2008-2013

Madagascar

1. Aga Khan Foundation, Programme de Soutien dans la région de la Sofia pour le développement rural intégré, PSSDRI/AKF, Avril 2009 (Hard copy)
2. FAO, Madagascar : Appui pour la redynamisation du sous-secteur semencier malgache en vue de la production et de l'utilisation de semences de qualité (Contract document), Dec. 2008 (Hard copy)
3. Groupe de la Banque Africaine de Développement, Fiche de Suive de Projet, Madagascar, Projet de Rehabilitation du Périmètre de Bas Mangoky, Mars 2009 (Microsoft Word file)
4. Groupe de la Banque Africaine de Développement, Fiche de Suive de Projet, Madagascar, Projet de Rehabilitation du Périmètre de Manombo, Mars 2009 (Microsoft Word file)
5. Ministère de l'Agriculture, de l'Elevage et de la Pêche, Programme d'Investissement Public 2007 – 2011 - Tranche 2008 Realisations Troisieme Trimestre 2008, Projet de Mise en Valeur du Haut Bassin du Mandrare – Phase II (Microsoft Word file)
6. Ministère de l'Agriculture, de l'Elevage et de la Pêche, Programme d'Investissement Public 2007 – 2011 - Tranche 2008 Realisations Troisieme Trimestre 2008, Programme Spécial Sécurité Alimentaire (PSSA) (Microsoft Word file)
7. Ministère de l'Agriculture, de l'Elevage et de la Pêche, Programme d'Investissement Public 2007 – 2011 - Tranche 2008 Realisations Troisieme Trimestre 2008, Relance de la Production Agricole (Microsoft Word file)
8. Ministère de l'Agriculture, de l'Elevage et de la Pêche, Programme d'Investissement Public 2007 – 2011 - Tranche 2008 Realisations Troisieme Trimestre 2008, Bassin Versant Périmètre Irrigué (Microsoft Word file)
9. Ministère de l'Agriculture, de l'Elevage et de la Pêche, Programme d'Investissement Public 2007 – 2011 - Tranche 2008 Realisations Troisieme Trimestre 2008, Programme de Lutte anti-érosive (Microsoft Word file)
10. Ministère de l'Agriculture, de l'Elevage et de la Pêche, Programme d'Investissement Public 2007 – 2011 - Tranche 2008 Realisations Troisieme Trimestre 2008, Protection Bassin versant Lac Alaotra (Microsoft Word file)
11. Ministère de l'Agriculture, de l'Elevage et de la Pêche, Programme d'Investissement Public 2007 – 2011 - Tranche 2008 Realisations Troisieme Trimestre 2008, Projet de Soutien au Développement Rural (PSDR) (Microsoft Word file)
12. Ministère de l'Agriculture, de l'Elevage et de la Pêche, Programme d'Investissement Public 2007 – 2011 - Tranche 2008 Realisations Troisieme Trimestre 2008, Appui à la Diffusion de Techniques Agro écologiques (Microsoft Word file)
13. Ministère de l'Agriculture, de l'Elevage et de la Pêche, Programme d'Investissement Public 2007 – 2011 - Tranche 2008 Realisations Troisieme Trimestre 2008, Fonds d'Entretien des Reseaux Hydro-Agricoles des Périmètre Irrigués (FERHA) (Microsoft Word file)

14. Ministère de l'Agriculture, de l'Élevage et de la Pêche, Programme d'Investissement Public 2007 – 2011 - Tranche 2008 Realisations Troisième Trimestre 2008, Réhabilitation du Périmètre Bas Mangoky (Microsoft Word file)
15. Ministère de l'Agriculture, de l'Élevage et de la Pêche, Programme d'Investissement Public 2007 – 2011 - Tranche 2008 Realisations Troisième Trimestre 2008, Projet de Développement Agricole Intégré de Manombo (Microsoft Word file)
16. Ministère de l'Agriculture, de l'Élevage et de la Pêche, Programme d'Investissement Public 2007 – 2011 - Tranche 2008 Realisations Troisième Trimestre 2008, Opération d'Appui au Crédit Intrants (OACI) (Microsoft Word file)
17. Ministère de l'Agriculture, de l'Élevage et de la Pêche, Programme d'Investissement Public 2007 – 2011 - Tranche 2008 Realisations Troisième Trimestre 2008, Etude de Faisabilité Technico – Economique du Projet de Décorticage de Riz et de Provenderie (Microsoft Word file)

Mozambique

1. Draft National Rice Development Strategy, Feb. 2009 (Microsoft Word file)
2. Republic of Mozambique, Action Plan for the Production of Food Crops (PAPA), June 2008 (Microsoft Word file)
3. Republic of Mozambique, Action Plan for the Production of Food Crops (PAPA), Summary, July 2008 (Microsoft Word file)
4. Concept, Principles and Strategy of the Green Revolution in Mozambique (Microsoft Word file)
5. Development Strategy for the Rice Sector in Mozambique, Final Report, Prepared for the Ministry of Agriculture, Sept. 2005 (PDF file)
6. PROIRRI – Sustainable Irrigation Development Project (P107598) Concept Paper, Nov. 2008 (Microsoft Word file)
7. Pungue River Integrated Water Resources Management Strategy, Project Information Sheet, Mozambique, 2007 (PDF file)
8. Market-led Smallholder Development in the Zambezi Valley Project, May 2006 (Microsoft Word File)
9. Alleviating Rural Poverty through Improving Rice Production in East and Southern Africa
10. Project for the Drought Effect Reduction on Agriculture and Livestock in Gaza and Inhambane Provinces, June 2006
11. The African Food Crisis Response (AFCR), July 2008
12. Framework Document for Proposed Loans, Credits, and Grants in the amount of US\$1.2 billion equivalent for a Global Food Crisis Response Program, June 2008

Nigeria

1. National Rice Development Strategy for Nigeria (Zero draft)
2. National Rice Development Strategy for Nigeria (1st draft)
3. Toyooka Yoshinori: Final Report of A Short-term Expert Advisor on Rice Production, Post-harvest Technology and Marketing in Nigeria, Chuo Kaihatsu Co. Ltd., November 2007 (in Japanese)
4. The World Bank: Project Appraisal Document on a Proposed Credit in the Amount of SDR 100.7 Million (US \$150 Million Equivalent) to the Federal Republic of Nigeria for a Third National Fadama Development) FADAMA III) Project, World Bank, June 10, 2008 (Report No: 39489-NG)
5. The World Bank: Project Appraisal Document on a Proposed Credit in the Amount of SDR 153.4 Million (US \$250 Million Equivalent) to the Federal Republic of Nigeria for Commercial Agriculture Development Project, World Bank, December 18, 2008 (Report No: 46830-NG)
6. FAO in Nigeria: Federal Republic of Nigeria: National Programme for Food Security (NPFS), Expansion Phase (2006-2010), Donor Brief
7. FAO in Nigeria: Technical Cooperation Project (incomplete)
8. Rossland's Rice Report No.003, Rossland Consulting Limited, March 2009
9. Agricultural and Rural Development Department, Central and West Region: Project Appraisal Report on Multinational: NERICA Rice Dissemination Project, African Development Fund, March 2003.
10. IFPRI: From the Ground Up: Impacts of a Pro-Poor Community-Driven Development Project in Nigeria, IFPRI Discussion Paper 00756, IFPRI, March 2008.
11. IFPRI: From the Ground Up: Impacts of a Pro-Poor Community-Driven Development Project in Nigeria, IFPRI Discussion Paper 00756, IFPRI, March 2008. BRIEF
12. USAID/Nigeria, MARKETS (Pamphlet)
13. USAID/MARKETS: Newsletter Vol.3, No.4, January, 2009
14. USAID: OLAM (Pamphlet)

Senegal

1. République du Sénégal, Ministère de l'Agriculture et de l'Élevage, Programme National d'Autosuffisance en Riz à l'Horizon 2015, Jan. 2008
2. République du Sénégal, Ministère de l'Agriculture, Société Nationale d'Aménagement et d'Exploitation des Terres du Delta du Fleuve Sénégal et des Vallées du Fleuve Sénégal et de la

Falémé (SAED), Neuvième Lettre de Mission 2009-2010-2011, Document Principal, Version Provisoire du 25 Février 2009, Après Comité de Suivi, 2009

3. - ditto -, Annexes
4. République du Sénégal, Ministère de l'Agriculture, Programme Agricole 2008-2009 : La Grande Offensive Agricole pour la Nourriture et l'Abondance, Mai, 2008
5. République du Sénégal, Ministère de l'Aménagement Territoire, du Commerce et de la Coopération Décentralisée, Agence de Régulation des Marchés, Programme d'Autosuffisance en RIZ, Composante Commercialisation, Février 2008 (PDF file)

Tanzania

1. The United Republic of Tanzania, Ministry of Agriculture, Food Security and Cooperatives: National Rice Development Strategy (Draft)
2. JICA Tanzania Office: Agriculture Sector of Tanzania
3. JICA Tanzania Office: Agricultural Sector Development Programme -ASDP-
4. JICA Tanzania Office: Japan's Support to the Agricultural Sector Development Programme -ASDP- of Tanzania
5. JICA Technical Cooperation Project: Formulation and Training of the DADP Guidelines on Irrigation Scheme Development
6. JICA Technical Cooperation Project: Supporting Service Delivery Systems of Irrigated Agriculture
7. Aga Khan Foundation: Coastal Rural Support Programme (Tanzania), Rice Innovation-Summary Rational and Way Forward
8. Aga Khan Foundation: AGA KHAN FOUNDATION-An Agency of the Aga Khan Development Network, 2008

Uganda

1. FAO: FAO Uganda Information Bulletin Vol.1 Issue 2, October- December 2007
2. FAO: FAO Uganda Information Bulletin Vol.2 Issue 1, October 2008
3. FAO: The Food and Agriculture Organization of the United Nations (FAO) At Work in Uganda
4. FAO: FAO UGANDA LIST OF EMERGENCY ONGOING PROJECTS SEPTEMBER 2008 (a word file)
5. FAO: FAO UGANDA: LIST OF ON-GOING DEVELOPMENT PROJECTS AS AT 10 MARCH 2009 (a word file)
6. FAO: FAO Executed GCP/UGA/035-036/JPN Rice Project in Uganda (a word file)

7. Ministry of Agriculture, Animal Industry and Fisheries (MAAIF): Uganda National Rice Development Strategy (UNRDS) 1st Draft, February 2009
8. Ministry of Agriculture, Animal Industry and Fisheries (MAAIF): Uganda National Rice Development Strategy (UNRDS) (A Power Point file)
9. Candia Alphonse and Saasa A. Richard: The Status of Rice Industry in Uganda (A Power Point file)
10. Tatsushi Tsuboi, Kayaayo Battson, Candia Alphonse, Saasa A. Richard, Sembatya Charles: Adaptive studies on Mobile rice mill Innovation in Uganda, 4th March 2009 (a Power Point file)
11. Ministry of Agriculture, Animal Industry and Fisheries (MAAIF): Organization structure of the Ministry of Agriculture, Animal Industry and Fisheries (MAAIF) and Farm Development Department
12. Africa 2000 Network Uganda, USAID-APEP (Agricultural Productivity Enhancement Program): Upland Rice Production Manual Planting and Management of Upland Rice in Uganda
13. African Development Bank Group Uganda Field Office: Uganda Field Office Newsletter, Vol.3 Issue 2 July-Dec 2008
14. US Agency for International Development (USAID): Moving from Subsistence to commercial farming in Uganda Agricultural Productivity Enhancement Program Final Report, June 2008
15. USAID/Uganda: Agribusiness Technical Reference Guides
16. USAID/Uganda: Agricultural Productivity Enhancement Program, June 2008 (CD)
17. USAID/Uganda: Enhancing Productivity in Coffee, Cotton, Maize, and Sunflower (DVD)
18. US Agency for International Development (USAID): UGANDA IDEA Building Foundations for Agribusiness Final Report 2004, June 2004,
19. SG2000: Rice Activities AS AT 2009 by SASAKAWA & PARTNERS (a word file)
20. International Fund for Agricultural Development (IFAD): Enabling poor rural people to overcome poverty in Uganda, IFAD, April 2008

