No.

独立行政法人　国際協力機構（JICA）

アフリカ稲作振興支援にかかる基礎調査

ファイナルレポート

2009 年 6 月

株式会社 レックス・インターナショナル

農　村
J　R
09-047

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序　文

当機構は「アフリカ緑の革命のための同盟（AGRA)」と共同で、2008 年 5 月、TICADⅣの場において、サブサハラ・アフリカのコメ生産を向こう 10 年間で倍増（1400 万トンから 2800 万トン）することを目標とする「アフリカ稲作振興のための共同体（CARD)」を発表しました。

2008 年 10 月には第 1 回 CARD 本会合が開催され、CARD 支援対象国 12 ヶ国（カメルーン、ガーナ、ギニア、ケニア、マダガスカル、マリ、モザンビーク、ナイジェリア、セネガル、シエラレオネ、タンザニア、ウガンダ）が決定されると同時に、イニシアティブの活動の調整を担う CARD 事務局がケニアの AGRA オフィス内に設置されました。

このような状況を踏まえ、当機構は CARD 事務局への支援の一環として上記 12 ヶ国において実施されている稲作関連プロジェクトについてのインベントリー調査を実施することとし、株式会社レックス・インターナショナルの君島崇氏を団長とする調査団を 2009 年 3 月から 4 月にかけて派遣しました。

この報告書は今回の調査結果を取りまとめたものであり、アフリカにおける稲作振興に役立つことを願うものです。

終わりに、調査にご協力とご支援を戴いた関係各位に対し、心より感謝申し上げます。

平成 21 年 6 月

独立行政法人　国際協力機構
農　村　開　発　部
部　長　　小原　基文

調査対象国位置図

（CARD プロセス支援対象候補第１グループ 12 ヵ国）

アフリカ稲作振興支援にかかる基礎調査

ファイナルレポート

目　　次

序文
調査対象国位置図

第 1 章　はじめに 1-1
1.1　本調査の背景 1-1
1.2　本調査の目的 1-1
1.3　調査業務の内容 1-1
1.4　調査実施体制 1-2
1.5　報告書の構成 1-3

第 2 章　調査結果 2-1
2.1　収集資料および情報 2-1
2.1.1　国別資料と NRDS 2-1
2.1.2　稲作関連プロジェクト/プログラムのプロファイルおよび
プロジェクト位置図 2-1
2.1.3　プロジェクト分類 2-2
2.2　調査対象各国のコメ関連情報 2-5
2.2.1　カメルーン 2-5
2.2.2　ガーナ 2-9
2.2.3　ギニア 2-12
2.2.4　ケニア 2-16
2.2.5　マダガスカル 2-20
2.2.6　マリ 2-24
2.2.7　モザンビーク 2-28
2.2.8　ナイジェリア 2-32
2.2.9　セネガル 2-36
2.2.10　シエラレオネ 2-40
2.2.11　タンザニア 2-43
2.2.12　ウガンダ 2-47
2.3　地域プロジェクト 2-51

第 3 章　今後の CARD プロセスに対する提言 3-1

付属書

付属書 1　　CARD 支援対象候補第１グループ各国の稲作関連情報
付属書 2　　各国における稲作関連プロジェクトプロファイル
付属書 3　　各国における稲作関連プロジェクト活動位置図

付録

付録 1　　コンサルタントの現地調査行程
付録 2　　面会人リスト
付録 3　　収集資料リスト

略語集

略語	公式名称	日本語名
AFD	French Development Agency (Agence Française de Développement)	フランス開発庁
AfDB (BAD)	African Development Bank (Banque Africaine de Développement)	アフリカ開発銀行
AGRA	Alliance for a Green Revolution in Africa	アフリカ緑の革命のための同盟
AKF	Aga Khan Foundation	アガ・カーン基金
BADEA	Arab Bank for Economic Development in Africa (Banque Arabe pour le Développement Economique en Afrique)	アラブアフリカ経済開発銀行
BOAD	Banque ouest africaine de développement	西アフリカ開発銀行
BSF	Belgian Survival Fund for the Third World	第３世界のためのベルギー生存基金
CADP	Commercial Agriculture Development Project	商業農業開発プロジェクト
CAR	The Central African Republic	中央アフリカ共和国
CARD	Coalition for African Rice Development	アフリカ稲作振興のための共同体
CERF	United Nations Central Emergency Response Fund	国連中央緊急対応ファンド
CFC	Crédit Foncier du Cameroun	カメルーン不動産銀行
CGIAR	Consultative Group on International Agriculture Research	国際農業研究協議グループ
CIDA	Canadian International Development Agency	カナダ国際開発庁
CNCAS	National Bank for Agricultural Credit in Senegal (Caisse Nationale de Crédit Agricole du Sénégal)	セネガル農業開発信用銀行
CRS	Catholic Relief Services	カトリック救済サービス
DADP	District Agricultural Development Project	州農業開発プロジェクト
DFID	UK Department for International Development	英国国際開発省
EC	European Commission	欧州委員会
EU	European Union	欧州連合
FAO	Food and Agriculture Organization of the United Nations	国連食料農業機関
FARA	Forum for Agricultural Research in Africa	アフリカ農業研究フォーラム
FCV	Fonds de Contre Valeur	見返り資金
FFP	Food for Peace	平和のための食糧
GDP	Gross domestic product	国内総生産
GEF (FEM)	Global Environment Facility (Fonds pour l'environnement Mondial)	地球環境ファシリティー
GRIB	Ghana Rice Inter- Professional Body	国家コメ振興委員会
GTZ	Deutsche Gesellschaft für Technische Zusammenarbeit	ドイツ技術協力公社

略語	公式名称	日本語名
IAEA	International Atomic Energy Agency	国際原子力機関
WB	World Bank	世界銀行]
IDB (BID)	Islamic Development Bank (Banque Islamique de Développement)	イスラム開発銀行
IFAD (FIDA)	International Fund for Agricultural Development (Le Fonds international de développement agricole)	国際農業開発基金
IFPRI	International Food Policy Research Institute	国際食糧政策研究所
IRAD	Institute for Agricultural Research for Development	農業開発研究機関
IRRI	International Rice Research Institute	国際稲研究所
IVS	inland valley swamp	河岸低湿地
JICA	Japan International Cooperation Agency	国際協力機構
JIRCAS	Japan International Research Center for Agricultural Sciences	国際農林水産業研究センター
KARI	Kenya Agricultural Research Institute	ケニア農業研究所
KFD	The Kuwait Fund for Development	クウェート開発基金
KOICA	Korean International Cooperation Agency	韓国国際協力事業団
MAAIF	Ministry of Agriculture, Animal Industry, and Fisheries (Uganda)	農業畜産水産省（ウガンダ）
MAEEF	Ministry of Agriculture, Livestock, Water and Forests (Guinea)	農業/畜産・水および森林省（ギニア）
MCA	Millennium Challenge Account	ミレニアム･チャレンジ･アカウント
MDGs	Millennium Development Goals	ミレニアム開発目標
NAADS	Uganda National Agricultural Advisory Services	国家農業指導サービス
NARES	National Agricultural Research and Extension Institutes	国家農業研究・普及研究所
NARO	National Agricultural Research Organisation (Uganda)	国家農業研究機構
NDF	Nordic Development Fund	北欧開発基金
NERICA	New Rice for Africa	ネリカ
NGO	Non-governmental Organization	非政府組織
NIB	National Irrigation Board	国家灌漑庁
NRDS/SNDR	National Rice Development Strategy/Stratégie National de Développement du Riziculture	国家稲作振興戦略
OFDA	Office of U.S. Foreign Disaster Assistance	海外災害援助室
OFID	OPEC Fund for International Development	OPEC（石油輸出機構）国際開発基金
OMVS	Organisation pour la Mise en Valeur du Fleuve Sénégal	セネガル川開発機構

略語	公式名称	日本語名
OPEC	Organization of the Petroleum Exporting Countries	石油輸出機構
PREBAP	Programme de relance de la banana plantain	バナナ栽培開発プログラム
PTF	Donors' coordination group	ドナー調整グループ
R&D	Research and Development	研究開発
RYMV	Rice yellow mottle virus	イネ黄斑ウイルス
SAED	Société d'Aménagement et d'Exploitation des Terres du Delta du fleuve Sénégal et des Vallées du fleuve Sénégal et de la Falémé	セネガル河流域デルタ開発公社
SAIB	Société agro-industriélle de la Benoué	ベヌエ農産公社
SEMRY	Société d'Exploitation et de Modernisation de la Riziculture de Yagoua	ヤグア稲作近代化および開発公社
SG2000	Sasakawa Global 2000	笹川グローバル 2000
SIDA	Swedish International Development Agency	スウェーデン国際開発協力庁
SODERIM	Société de Développement de la Riziculture dans la plaine de Mbos	ンボ平原稲作開発公社
SPFS	special program for food security	食料安全保障特別プログラム
SRI	Système de Riziculture Intensive	集約的稲作システム
SSA	Sub-Sahara Africa	サブサハラアフリカ
TCP/TA	Technical cooperation project/Technical assistance	技術協力プロジェクト/技術援助
TICAD	Tokyo International Conference on African Development	アフリカ開発会議
UNDP	United Nations Development Programme	国連開発計画
UNICEF	United Nations International Children's Fund	国連児童基金
UNVDA	Upper Noum Valley Development Authority	ヌム谷上流開発公社
USA	United States of America	アメリカ合衆国（通称）
USAID	United States Agency for International Development	米国国際開発庁
WARDA	Africa Rice Center	アフリカ米センター
WFP/PAM	World Food Programme (Programe Alimentaire Mondiale)	国連世界食糧計画

第1章 はじめに

1.1 本調査の背景

本報告書は、アフリカ稲作振興のための共同体（CARD）プロセスの支援を目的として実施した、アフリカ稲作振興支援にかかる基礎調査結果をとりまとめたものである。

国際協力機構（JICA）は、2008 年 5 月に横浜で開催された第 4 回アフリカ開発会議（TICAD IV）の場において、サブサハラアフリカ地域（SSA）の米生産を今後 10 年間で倍増することを目標とする CARD イニシアティブを、「アフリカ緑の革命のための同盟(AGRA)」と共同で発表した。

同イニシアティブでは、二国間ドナー、多国間ドナー、アフリカ地域機関及び国際研究機関が協議グループを形成し、各機関の支援活動を相互に調整・調和化することを通じ、アフリカ稲作振興支援におけるシナジー効果の創出、追加的な投資促進等を図ることにより、目標を達成することを目指している。

この背景には、コメは、アフリカにおける主要消費穀物の中で、唯一生産拡大のポテンシャルが高いことから、これに焦点を当てて国際的な支援を結集させることは効果的であり、SSA 諸国における中長期的な食糧問題の改善や経済開発への貢献につながり、ひいては農村地域の振興と貧困削減にも資するとの認識が高まっていることが上げられよう。

CARD プロセスを推進するために、CARD 支援対象候補国第 1 グループとして 12 ヵ国（カメルーン、ガーナ、ギニア、ケニア、マダガスカル、マリ、モザンビーク、ナイジェリア、セネガル、シエラレオネ、タンザニア、ウガンダ）が選出され、各国に対して国家稲作振興戦略（NRDS）文書の作成が依頼された。NRDS 作成を依頼する一方で、CARD 共通の目的達成のためには、対象国の稲作振興の現況を把握し、今後の協力の可能性について具体的な検討を進めることが必要であると考えられた。

このような状況の中、JICA は本調査を実施することを決め、株式会社レックス・インターナショナル（レックス社）に調査業務を委託した。

1.2 本調査の目的

本調査は以下を目的とする。

(a) CARD 支援対象候補第 1 グループ 12 カ国を対象に、実施済み・実施中・実施予定の稲作関連プロジェクト/プログラムについてインベントリー調査を行う。

(b) 調査結果に基づき、12 カ国のアフリカ稲作振興に向けたドナー間での効果的な連携・シナジー効果創出の方法、想定される連携事業案、連携を進める際の留意点等を提言する。

1.3 調査業務の内容

上記の目的を達成するため、下記の業務を実施した。

(1) 対象国の基礎情報および NRDS の収集

(2) (1)作業を基に、対象国の「国別稲作プロファイル」の作成

(3) 対象国の稲作関連プロジェクト/プログラム情報の収集

(4) 収集情報を基に、プロジェクトプロファイルの作成

(5) 稲作関連プロジェクト/プログラムのマッピングおよび分類

(6) ドナー間の連携プロジェクト/プログラムの調査

(7) NRDS とプロジェクト/プログラム間の関連に関する分析

(8) CARD プロセスに対する提言

1.4 調査実施体制

本調査は、レックス社が編成した以下の 4 名のコンサルタントによって実施された。

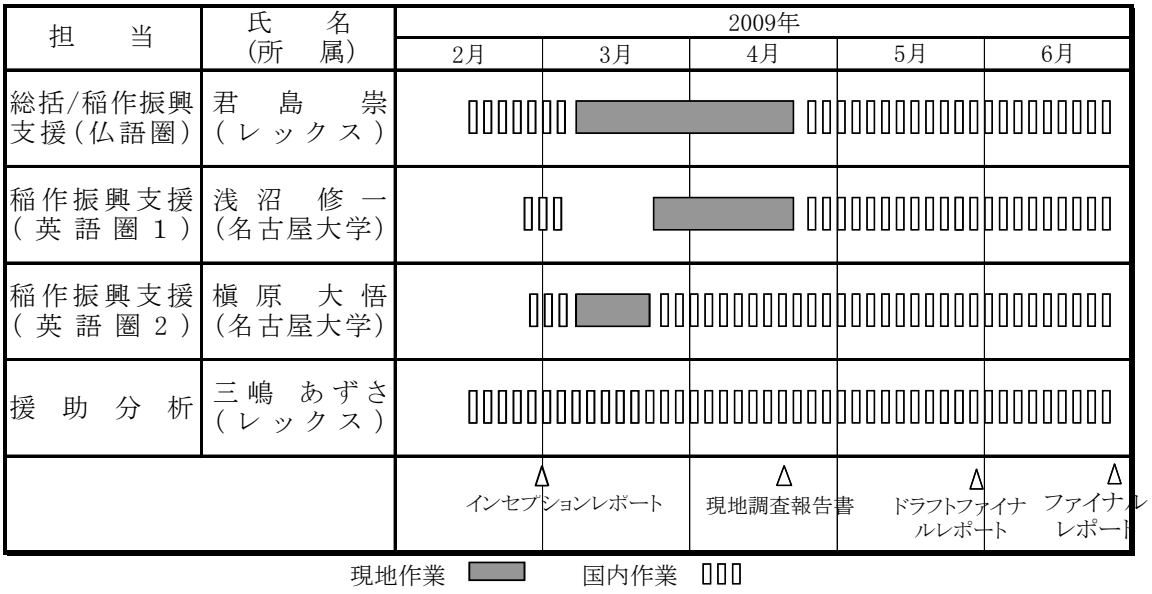
1) 君島　崇：　総括/稲作振興支援（仏語圏）：カメルーン、ギニア、マダガスカル、マリ、モザンビーク、セネガル、シエラレオネ

2) 浅沼修一：　稲作振興支援（英語圏 1）：ガーナ、ナイジェリア、タンザニア

3) 槇原大悟：　稲作振興支援（英語圏 2）：ケニア、ウガンダ

4) 三嶋あずさ：　援助分析（国内作業のみ）

コンサルタントの要員計画は以下に示すとおりである。



要員計画図

現地作業は、2009 年 3 月 7 日から 4 月 21 日まで、1 ヵ月半にわたり実施した。

コンサルタントの旅程、訪問した機関ならびに面会人、および収集資料・情報は、それぞれ、付録 1、2、および 3 に示してある。

1.5　報告書の構成

本報告書（最終報告書）は 3 つの章から成っている。第 1 章では、調査の背景と目的、調査内容を示している。第 2 章では、各国の稲作に関連する現状を、国別稲作プロファイル、稲作関連プロジェクトプロファイル、現地調査における聞き取り結果等を基に記述している。3 章では今後の CARD プロセスを効果的に推進するための提言を行っている。

国別稲作プロファイル、稲作関連プロジェクトプロファイル、およびプロジェクト位置図は、それぞれ付属書 1、2、および 3 にとりまとめてある。

第2章 調査結果

2.1 収集資料およびおよび情報

2.1.1 国別資料と NRDS

調査対象 12 ヵ国の社会経済、農業、コメ生産および需給バランス等に関する基礎情報は、公開情報を通じて収集した。

調査対象各国の国家稲作振興戦略（NRDS）草案は、アフリカ稲作振興のための共同体（CARD）事務局を通じて収集した。NRDS には各国の 2018 年までのコメ生産目標、稲作振興政策、戦略、実施体制等が示されている。

これらのデータは各国別に「国別稲作プロファイル」（国別プロファイル）として付属書 1 にまとめられている。国別プロファイルには、以下のデータが示されている。

(a) 国家社会経済指標および農業生産指標
(b) 主食作物およびコメの自給率、輸入量
(c) コメ生産の経年変化（1998 - 2007）
(d) コメ供給と消費の経年変化（1994 - 2003）
(e) NRDS によるコメ生産予測
(f) NRDS のコメ分野サブセクターにおける稲作振興戦略

2.1.2 稲作関連プロジェクト／プログラムのプロファイルおよびプロジェクト位置図

稲作関連プロジェクトおよびプログラム情報は、各国の政府、ドナー事務所への聞き取り結果と共に公開情報から得た。

プロジェクト情報は下記のデータを含んでいる。

(a) プロジェクト／プログラム名称
(b) プロジェクト／プログラム対象地域
(c) 上位目標およびプロジェクト目標
(d) 受益対象者（直接的と二次的）
(e) プロジェクト内容（活動）
(f) 期待される結果（成果）
(g) 投入（資金、人材、機材、備品、インフラストラクチャー（以下、インフラ）等）
(h) 資金源
(i) 予算
(j) 実施機関
(k) プロジェクトの実施段階（計画中、承認済、実施中、2004 年以降実施済）
(l) 実施期間（開始年および完了年）
(m) 実施上の課題／問題

収集した情報は国別プロジェクトプロファイル（付属書 2 参照）にとりまとめると共に、各プロジェクトの対象地区を各国の地図に示した（付属書 3 参照）。

2.1.3　プロジェクト分類

収集したプロジェクト総数は 267 であり、国別ではマリが 44 と最多で、マダガスカルが 37、セネガルが 29、ギニアが 23 と続く。複数国対象の地域プロジェクトは 17 である。

プロジェクトを、その目的別に稲作中心プロジェクトとその他プロジェクトに分類した。稲作中心プロジェクトは、その件名にコメの名を含むか、目的とする主要作物がコメであるプロジェクト（稲作を主目的とした潅漑プロジェクトあるいは潅漑コンポーネントを含むプロジェクト、コメの品質向上を目的とした収穫後処理プロジェクト、稲作地区を保護するための流域保全プロジェクト、等）を指す。稲作あるいはコメ分野がその目的の一部であるプロジェクトはその他プロジェクトとした。結果は以下に示すとおりである。

国別およびプロジェクト目的別の件数

国　名	プロジェクト総数	稲作中心プロジェクト	その他プロジェクト	稲作中心プロジェクト割合(%)
カメルーン	11	6	5	55
ガーナ	14	11	3	79
ギニア	23	18	5	78
ケニア	16	8	8	50
マダガスカル	37	28	9	76
マリ	44	26	18	59
モザンビーク	17	8	9	47
ナイジェリア	19	12	7	63
セネガル	29	18	11	62
シエラレオネ	14	8	6	57
タンザニア	9	7	2	78
ウガンダ	17	7	10	41
地域（複数国）	17	12	5	71
合計	267	169	98	63

267 件のうち、63%の 169 件が稲作中心である。ガーナ、ギニア、マダガスカルおよびタンザニアでは 75%以上の案件が稲作中心である。

次に、国別および実施段階別の稲作関連プロジェクトを以下に示す。

国別および実施段階別のプロジェクト数

国　名	プロジェクト総数	計画中または承認済	実施中	実施済（2004 年以降）	不明
カメルーン	11	3	5	2	1
ガーナ	14	2	7	5	0
ギニア	23	2	17	4	0
ケニア	16	3	10	3	0
マダガスカル	37	2	25	10	0
マリ	44	2	25	17	0
モザンビーク	17	5	8	4	0
ナイジェリア	19	2	12	5	0
セネガル	29	5	17	6	1
シエラレオネ	14	0	12	2	0
タンザニア	9	0	7	2	0
ウガンダ	17	1	10	6	0
地域（複数国）	17	4	13	0	0
合計	267	31	168	66	2

31 件が計画中または承認済、168 件が実施中、66 件が実施済であり、不明が 2 件であった。

タイプ別のプロジェクト数を下記に示す。

国別およびタイプ別のプロジェクト数

国	プロジェクト数	プロジェクトタイプ（複数回答）				
		無償	有償	技術協力	国家予算	民間
カメルーン	11	4	3	1	2	1
ガーナ	14	6	5	4	0	0
ギニア	23	12	10	8	0	0
ケニア	16	4	8	4	0	0
マダガスカル	37	23	11	4	3	0
マリ	44	21	21	3	9	0
モザンビーク	17	8	7	5	0	1
ナイジェリア	19	13	5	0	2	0
セネガル	29	13	11	5	0	0
シエラレオネ	14	8	4	1	1	0
タンザニア	9	4	1	4	0	0
ウガンダ	17	5	6	7	0	0
地域（複数国）	17	13	1	5	0	0
合計	267	134	93	51	17	2

約半数の 134 件が無償、93 件が有償、51 件が技術協力、17 件が国家予算であった。民間プロジェクトは、情報が限られており、収集できたのは 2 件のみであった。

通常、稲作関連プロジェクトの活動には複数の分野が含まれている。それらは以下に示すとおりである。

国別および活動分野別のプロジェクト数

国名	プロジェクト数	プロジェクト別活動分野（複数回答）									
		政策	研究開発	普及／研修	生産	流通	収穫後処理	灌漑	金融	種子	その他
カメルーン	11	0	1	5	5	2	0	3	0	2	2
ガーナ	14	1	3	9	6	4	4	5	3	4	9
ギニア	23	2	7	9	20	4	6	13	4	8	16
ケニア	16	4	3	12	11	5	4	8	2	3	5
マダガスカル	37	6	2	16	8	3	3	10	6	9	14
マリ	44	5	5	14	19	2	1	31	0	3	19
モザンビーク	17	5	4	8	10	5	2	10	1	2	4
ナイジェリア	19	3	5	10	8	10	8	3	1	5	8
セネガル	29	7	5	16	8	7	6	12	5	3	10
シエラレオネ	14	0	4	8	6	3	3	0	1	2	3
タンザニア	9	1	4	4	3	2	1	7	1	2	3
ウガンダ	17	0	5	14	13	10	11	4	4	5	1
地域（複数国）	17	2	9	11	7	3	3	4	2	2	5
合計	267	36	57	136	124	60	52	110	30	50	99

半数以上の 136 件が活動に普及／研修分野を含む。次いで、生産（124 件）、灌漑（110 件）、流通（60 件）、研究開発（57 件）、収穫後処理（52 件）、種子（50 件）と続く。

普及／研修はウガンダ、ケニアおよび地域プロジェクトで取り扱われる割合が大きい一方、

灌漑はマリ、ギニアで多くなっているが、これらの国では、灌漑は農村総合開発プロジェクトの一部として実施されている場合が多い。

国別および事業費別のプロジェクト数

国名	プロジェクト数	事業費（US$1,000）						事業費* (US$million)
		<500	<1,000	<5,000	<10,000	>10,000	不明	
カメルーン	11	2	1	2	0	4	2	88
ガーナ	14	3	0	7	1	3	0	92
ギニア	23	2	2	4	3	12	0	226
ケニア	16	3	3	1	1	8	0	403
マダガスカル	37	11	0	4	5	15	2	683
マリ	44	0	4	4	10	23	3	644
モザンビーク	17	2	0	2	0	8	5	233
ナイジェリア	19	4	0	3	1	10	1	1,116
セネガル	29	0	0	4	1	14	10	870
シエラレオネ	14	0	0	4	0	3	7	55
タンザニア	9	3	2	1	2	1	0	334
ウガンダ	17	3	0	4	1	8	1	414
地域（複数国）	17	3	3	4	1	5	1	442
合計	267	36	15	44	26	114	32	5,600

*事業費は支出額のみではなく、予算額を含む、入手可能なデータを基に計算している。

事業費が示された 235 件の事業費合計は US$5.6 billion であった。ナイジェリアが最も大きく、18 件で US$1.1 billion、次いでセネガルが 19 件で US$867 million、マダガスカルが 35 件で US$683 million、マリが 41 件で US$644 million である。

114 件は事業費が US$10 million を超える大規模なプロジェクトであり、36 件は US$500,000 未満の小規模プロジェクトである。

2.2　調査対象各国のコメ関連情報

2.2.1　カメルーン

(1)　社会経済

カメルーンにおける 2007 年の国内総生産（GDP）は US$20.6 billion である。また、2005 年の一人当たり GDP は US$1,034 であり、調査対象国の中では最も高い。2008 年の GDP に対する農業セクターのシェアは 43.5%と推定されている。2006 年の農業労働人口比は 45.4%であり、比較的高い生産性を示している。

(2)　主食におけるコメの位置づけ

FAOSTAT によると、2003 年の国内コメ供給量は 338,000 ton であり、乾物換算の主食作物供給量 3,292,200 ton の 10%を占める。2006 年のコメ輸入量は 429,900 ton、輸入額は US$136.8 million であり、これは主食（穀類、イモ類、食用バナナおよび製粉コムギ）食料輸入総額の 41%にあたる。

(3)　コメ生産および需給バランス

1998 年から 2007 年にかけて、コメ生産は 15,000 ton から 40,600 ton の間を変動した。一方、コメの輸入は 1995 年の 135,000 ton から 2006 年の 430,000 ton に増加した。年一人当たりコメ消費量は 2003 年に 19.3 kg であり、同年のコメ自給率は 12%であった。

(4)　イネの栽培環境

1970 から 1980 年代にかけて、コメ生産は国営公社による主に 3 つの大規模灌漑スキームに集中していた。それらは極北地域のヤグア稲作開発・近代化公社（SEMRY）、北西地域のヌム上流渓谷開発公社（UNVDA）、および西部地域のムボ平原稲作開発公社（SODERIM）である。しかし、1980 年代の経済危機により、全ての公社は金融危機に陥り、SODERIM は崩壊し、SEMRY と UNVDA は活動を縮小せざるを得なくなった。

灌漑稲作に適する地域としては他に、北部地域のラグド貯水池の下流域があげられる。潜在的な開発面積は 40,000 ha と報告されているが、実際に開発が行われているのは 1,000 ha に過ぎない。国内外の民間資本は、この地域へ農業開発投資することに興味を示している。

中部県西部および西部県に陸稲の潜在的開発地域があると言われている。

(5)　稲作関連プロジェクトの分類

カメルーンで収集した稲作関連プロジェクト数は 11 件である。プロジェクトを稲作中心プロジェクトとその他のプロジェクトに分類し、以下に示した。

稲作中心プロジェクトおよびその他のプロジェクト分類

プロジェクトの焦点	プロジェクト数
稲作中心	6
その他	5
合計プロジェクト数	11

稲作中心プロジェクトは6件、その他プロジェクトは5件である。

これらプロジェクトを実施段階別に分類すると以下に示すとおりである。

実施段階別のプロジェクト分類

プロジェクト実施段階	プロジェクト数
計画中	3
承認済	0
実施中	5
実施済（2004 年以降）	2
不明	1
合計プロジェクト数	11

実施中が5件、計画中が3件、実施済が2件、不明が1件である。

プロジェクトをタイプ別に分類し、以下に示した。

タイプ別のプロジェクト分類

プロジェクトタイプ	プロジェクト数
無償	4
有償	3
技術協力	1
国家予算	2
不明	1
合計プロジェクト数	11

無償が4件、有償が3件、国家予算が2件、技術協力と不明がそれぞれ1件である。

プロジェクトを活動領域で分類した結果は以下のとおりである。

活動領域別のプロジェクト分類

プロジェクト活動領域	プロジェクト数（複数回答）
政策	0
研究開発	1
普及／研修	5
生産	5
流通	2
収穫後処理	0
灌漑	3
金融	0
種子	2
その他	2
合計プロジェクト数	11

普及／研修と生産はそれぞれ5件の活動対象領域となっており、次いで、灌漑が3件、流通と種子が2件ずつとなっている。収穫後処理および金融を扱うプロジェクトはない。

プロジェクトの事業費による分類結果を以下に示す。US$10 million 超のプロジェクトは4件、US$1 million 以上 US$5 million 以下は2件、US$500,000 未満は2件であった。

事業費別のプロジェクト分類

事業費	プロジェクト数
<US$500,000	2
<US$1,000,000	1
<US$5,000,000	2
<US$10,000,000	0
>US$10,000,000	4
不明	2
事業費が示されたプロジェクト数	9
合計費用[1]（US$換算）	88,000,000

事業費が入手できた 9 件の合計費用は US$88 million である。

(6)　主要ドナーによるプロジェクト

イスラム開発銀行（IsDB）は西部地域の灌漑プロジェクトを支援しており、成功を収めていると報告がある。

世界銀行（以下、世銀)はコメ生産を増大させるため、既存灌漑施設の修復支援を行う計画である。

フランス開発庁（AFD）はコメと輪作を導入することにより、綿花生産地域の土壌肥沃度維持の支援を行っている。

国際農業開発基金（IFAD）は極北地域でタマネギとコメ生産振興を通じて、小規模生産農家の支援を行う計画がある。

欧州連合（EU）は収入向上によって、生活環境を改善する能力開発を行うために、農民組織を支援している。

国外（中国、エジプト、他）と国内（ベヌエ農産公社（SAIB）とプランテン増産プログラム（PREBAP))の民間セクターは北部地域のラグド地区の投資に興味を示している。SAIB はアメリカ大使館から農業機械供与等の支援を受けている。なお、この地域では、地元民との間に土地所有権の問題が生じており、開発は予定どおり進んでいない。

シンガポールに本社を持つ Olam International Ltd.もコメ開発投資に興味を示している。韓国の大学も技術協力を行う機会を窺っており、UNVDA のコメ栽培地域を視察した。

(7)　ドナー協調

カメルーンにおけるドナー協調は活発である。国連開発計画（UNDP）事務所内にドナー間調整のための事務局が設置されており、EU が運営資金を拠出している。農村開発セクターにおいては、プロジェクトやセクターの課題について、情報を共有するため、毎月、協調会議が行われている。今年（2009）はフランス大使館が議長を務めている。

[1] 事業費用には、支出実績や事業予算も含まれている。金額はプロジェクト毎に、当時の換算レートによって US$換算した。

(8)　NRDS と稲作関連プロジェクトとの関連性

NRDS が主にネリカ米を用いた陸稲栽培を推進することでコメの増産を期待しているのに対して、適応試験や種子増殖はまだ行われていない。IRAD では、原原種種子増殖を行うことになっているが、資金不足により活動が大きく制限されている。

(9)　その他

コメの主産地である極北地域と北西地域は、ヤウンデやドゥアラなどの主要国内市場から遠く離れている。このため、流通コストが高く、国内産のコメの市場価格が高くなるという問題がある。当該地域で生産されたコメの大半はナイジェリア、チャドや中央アフリカなどの近隣諸国に流通している。

稲作の研究および普及の能力は非常に低い。政府研究所（IRAD）では、育種、栽培、土壌、防除、雑草等の分野で 7 人のシニア研究者を含む 15 人の研究者がいるが、彼らは全国 7 カ所にある研究所地方支所に分散しており、5 つの農業生態系を対象とする。

世界食料計画（WFP）はカメルーン国内でのコメ生産が増加すれば、輸入米に比して安い国産米の調達が可能となり、チャドや中央アフリカなどの近隣諸国への食糧援助が容易となることから、期待を寄せている。

2.2.2 ガーナ

(1) 社会経済

ガーナの 2007 年の GDP は US$15.2 billion であり、一人当たり GDP は 2005 年において US$485 であった。2006 年の GDP における農業セクターのシェアは 37.3%と推定されている。2006 年の農業労働人口は全労働人口の 54.8%で、農業セクターの生産性はやや低い。

(2) 主食におけるコメの位置づけ

FAOSTAT によれば、2003 年の米の国内供給量（生産量、輸入量、備蓄量の総量）は 490,400 ton で，乾物ベースの主食作物供給総量 7,452,400 ton の 6.6%に相当する。一方、2006 年の米の輸入額は US$ 95.2 million であり、これは、同年の主食作物輸入総額の 36.4%に相当する。

(3) コメ生産および需給バランス

1998 年から 2007 年の 10 年間の年間米生産量は籾ベースで 193,600ton と 287,000ton の間で変動している。一方、同期間のコメの輸入量は増加傾向を示しているが、精米ベースで年間 69,100ton から 755,000ton の間で大きく変動している。2003 年の自給率（供給量に対する生産量の割合）は 32.5%であり、同年における一人当たりコメ消費量は 21.0 kg であった。

(4) イネの栽培環境

ガーナのイネの栽培環境は農業生態ゾーンによって、潅漑水田、天水田、天水畑に分類される。天水田は稲作耕地面積のおよそ 78%を占め、潅漑水田は 16%、天水畑は 6%を占める。平均すると、毎年 118,000ha にイネが作付けされている（ガーナ米専門家連合(GRIB), Commodity Chain Study, JICA ガーナ国コメ総合生産・販売調査)。（NRDS-Draft, 2009 年 2 月から引用）

(5) 稲作関連プロジェクトの分類

ガーナで収集した稲作関連プロジェクト数は 14 件である。プロジェクトを稲作中心プロジェクトとその他のプロジェクトに分類し、以下に示した。

稲作中心プロジェクトおよびその他のプロジェクト分類

プロジェクトの焦点	プロジェクト数
稲作中心	11
その他	3
合計プロジェクト数	14

稲作中心プロジェクトは 11 件、その他プロジェクトは 3 件である。

実施段階別に示すと、以下のように、実施中が 7 件、2004 年以降実施済が 5 件、承認済が 2 件である。

実施段階別のプロジェクト分類

プロジェクト実施段階	プロジェクト数
計画中	0
承認済	2
実施中	7
実施済（2004 年以降）	5
不明	0
合計プロジェクト数	14

また、プロジェクトタイプ別の分類は、以下に示すとおりであるが、無償が 6 件、有償が 5 件、技術協力が 4 件となっている。なお、1 件は無償と有償が組み合わされている。

タイプ別のプロジェクト分類

プロジェクトタイプ	プロジェクト数（複数回答）
無償	6
有償	5
技術協力	4
国家予算	0
不明	0
合計プロジェクト数	14

活動領域別にプロジェクトを分類すると、下表に見られるように、14 件中 9 件で普及/研修を扱っており、次いで生産が 6 件、潅漑が 5 件、流通、種子および収穫後処理がそれぞれ 4 件、研究開発と金融はそれぞれ 3 件扱われている。その他の分野では人材育成や農民組織が扱われている。

活動領域別のプロジェクト分類

プロジェクト活動領域	プロジェクト数（複数回答）
政策	1
研究開発	3
普及／研修	9
生産	6
流通	4
収穫後処理	4
灌漑	5
金融	3
種子	4
その他	9
合計プロジェクト数	14

14 件にかかる合計費用は US$92 million 相当である。14 件のうち半数は事業費がそれぞれ US$1 million 以上 US$5 million 未満で中規模案件であり、費用 US$500,000 未満の小規模プロジェクトは 3 件、US$10 million 以上の大規模案件も 3 件ある。

事業費別のプロジェクト分類

事業費	プロジェクト数
<US$500,000	3
<US$1,000,000	0
<US$5,000,000	7
<US$10,000,000	1
>US$10,000,000	3
不明	0
事業費が示されたプロジェクト数	14
合計費用（US$換算）	92,000,000

(6)　主要ドナーによるプロジェクト

AFD は 1990 年代からガーナのコメセクターの活動を支援してきており、新たに 2014 年まで 7 年間の新規プロジェクト「米セクター支援プロジェクト」が開始されたばかりである。このプロジェクトは旧プロジェクトから支援してきたガーナ米専門家連合（GRIB）を引き続き支援していくこととしている。この連合はガーナの農民、精米業者、加工業者、販売業者や仲買人など約 8,000 名の会員からなる組織である。

国連食糧農業機関（FAO）は食料安全保障特別プログラムのもとで米作農民を支援してきたが、そのプログラムは 2007 年に終了した。アフリカ開発銀行（AfDB）はネリカの普及を推進している。また、内陸小低地開発プロジェクトと小規模潅漑スキームプロジェクトの実施を通じて、コメ生産を支援している。アラブアフリカ経済開発銀行（BADEA）は、AfDB と同様に、小規模圃場潅漑プロジェクトを実施中で同じく稲作を支援している。国際非政府組織（NGO）である、アフリカ緑の革命のための同盟（AGRA）はガーナ北部のアッパーイースト州、アッパーウエスト州、および北部州の 3 州において民間企業への支援を介してイネの種子生産を支援している。

国際協力機構（JICA）は、2004 年 10 月から 2006 年 9 月、技術協力プロジェクト「ガーナ国住民参加型潅漑管理体制整備計画」を、2006 年 6 月から 2008 年 3 月には開発調査「ガーナ国コメ総合生産・販売調査」を実施した。これらの結果に基づいて、JICA は北部州とアシャンテ州における天水田稲作の持続的開発にかかわる 5 年間の新規技術協力プロジェクト「国産米振興総合開発計画」を承認したところである。

(7)　ドナー協調

現段階で目に見えるドナー間協調はない。しかし、主要ドナー、国際協力機関や国際研究機関である AfDB や JICA および国際農林水産業研究センター（JIRCAS）はいずれも米セクター開発の中でも同様の分野、すなわち天水低湿地地域における小規模水田開発を支援している。

(8)　NRDS と稲作関連プロジェクトとの関連性

NRDS では、研究者、技術者および普及員の人材開発が強調されている。しかし、現在実施中の稲作関連プロジェクトにはそのような人材育成を担保するような具体的計画は含まれていない。

2.2.3　ギニア

(1)　社会経済

2007 年のギニアの GDP は US$4.6 billion である。2005 年の一人当たり GDP は US$350 であり、2008 年の GDP に対する農業セクターのシェアは 22.4%と試算されている。2006 年の全労働人口に対する農業労働人口は 81.5%であり、農業セクターの低生産性を暗示している。

(2)　主食におけるコメの位置づけ

2003 年のコメの国内供給量（国内の精米換算の生産量および輸入量と備蓄在庫量の変化の総和）は 786,600ton であり、これは乾物ベースでの主食作物供給量、1,705,400 ton の 46%である。2006 年の精米輸入量は 195,600 ton、輸入額は US$50 million であり、主食作物輸入額の 43.5%を占めている。

(3)　稲作生産および需給バランス

FAOSTAT によれば、ギニアのコメ生産量は 1998 年の 1,046,200 ton から 2000 年の 1,140,800 ton に増加し、2001 年には 1,033,500 ton に減少したものの、その後は増加し続け、2007 年には 1,401,600 ton となった。その間、コメ輸入量は 1998 年の 166,000ton から 2002 年の 357,000 ton まで変動している。2003 年のコメ自給率は 76.3%であり、同年の一人コメ消費量は 73.5kg であった。

(4)　イネの栽培環境

ギニアのイネは 4 つの農業生態系下で広く栽培が行われている。(i) 沖積平野、(ii) マングローブ、(iii) 内陸低地、(iv) 畑地である。ギニアでは畑地の陸稲栽培が最も盛んである。2008 年のコメ栽培面積の 65%または 541,000 ha で栽培されており、595,000 ton または全生産量の 50%弱を占めている。畑地陸稲は焼畑農業を行っている。次いで、マングローブ湿地が 133,000 ha の面積で 333,000 ton であり、内陸低地、沖積平野がそれに次ぐ。

(5)　稲作関連プロジェクトの分類

ギニアの稲作関連プロジェクトは 23 件確認された。プロジェクトを稲作中心プロジェクトとその他のプロジェクトに分類し、以下に示した。

稲作中心プロジェクトおよびその他のプロジェクト分類

プロジェクトの焦点	プロジェクト数
稲作中心	18
その他	5
合計プロジェクト数	23

稲作中心プロジェクトは 18 件、その他プロジェクトは 5 件である。

これらを実施段階別に見ると、以下に示すとおり、実施中が 17 件、実施済が 4 件、承認済が 2 件であった。

実施段階別のプロジェクト分類

プロジェクト実施段階	プロジェクト数
計画中	0
承認済	2
実施中	17
実施済（2004 年以降）	4
不明	0
合計プロジェクト数	23

プロジェクトタイプ別に見ると、下表に見られるように、無償が 12 件あり、そのうち 6 件は技術協力を伴っている。有償は 10 件で、技術協力を伴っている案件が 2 件である。

タイプ別のプロジェクト分類

プロジェクトタイプ	プロジェクト数（複数回答）
無償	12
有償	10
技術協力	8
国家予算	0
不明	0
合計プロジェクト数	23

活動領域別に見ると、23 件中 20 件が農業生産を活動に含んでいる。次いで、潅漑が 13 件、普及/研修が 9 件、種子が 8 件、研究開発が 7 件、収穫後処理が 6 件に、それぞれ含まれている。ギニアの多くのプロジェクトが農村開発案件であることから、灌漑、普及／研修、収穫後処理等のコメ関連の活動だけでなく、社会経済基盤整備も活動内容に含まれている。

活動領域別のプロジェクト分類

プロジェクト活動領域	プロジェクト数（複数回答）
政策	2
研究開発	7
普及／研修	9
生産	20
流通	4
収穫後処理	6
灌漑	13
金融	4
種子	8
その他	16
合計プロジェクト数	23

事業費について見ると、半数以上は US$10 million である。23 件の合計費用は US$226 million である。

事業費別のプロジェクト分類

事業費	プロジェクト数
<US$500,000	2
<US$1,000,000	2
<US$5,000,000	4
<US$10,000,000	3
>US$10,000,000	12
不明	0
事業費が示されたプロジェクト数	23
合計費用（US$換算）	226,000,000

(6)　主要ドナーによるプロジェクト

IsDB は灌漑システムなどの農村インフラの整備を支援している。

AfDB はネリカの種子増殖やギニア北部の農村開発を支援している。

IFAD は遠隔地の小規模農家を対象にした農村開発または農業開発プロジェクトを実施している。

AFD は森林ギニア地域の支援を行った後、現在は幅広い関係者を巻き込んで、低地ギニアのマングローブ地帯での稲作開発を支援している。

FAO はイタリアと南アフリカからの出資で、低地ギニアで 2 つの農業開発プロジェクトを実施予定である。また、ギニア中部でも灌漑プロジェクトを実施中である。

WFP は、内戦によって近隣諸国から流入してきた難民がそれぞれの国に帰還した後に、荒廃した環境に残された森林ギニア地域の農村住民の自立支援を行っている。具体的にはフード・フォー・ワークを利用し、農業開発を含んだコミュニティ開発による生活環境の改善である。日本政府は、外務省を通じ、この WFP の活動を支援するために、財政支援と共に稲作専門家を派遣している。

JICA は、中部および高地ギニア地域において農村開発計画策定のための調査を実施している。

南アフリカ、中国、マレーシア、リビア、エジプト等の国外の民間セクターはコメ生産の投資に興味を示している。これら活動の詳細情報は明らかではなかったが、農業・畜産・水・森林省（MAEEF）は、民間セクターの投資に対応するための部署を設立した。

(7)　ドナー協調

上述したように、日本政府と WFP は近隣諸国から流入した難民による影響を受けた、森林ギニア地域の農民の支援活動を協調して実施している。また、JICA は中部ギニアにおける潅漑稲作開発を含む農村開発計画策定調査を、同地区で潅漑プロジェクトを実施している FAO と情報交換しながら進めている。

(8)　NRDS と稲作関連プロジェクトとの関連性

NRDS はコメ増産目標の達成のために、畑地農業生態系におけるコメの増産を掲げているが、畑地を対象とした開発プロジェクトはない。僅かに AfDB によるネリカ種子プロジェ

クトが実施されているのみである。畑地陸稲における大きな収量増加は期待できず、300,000ha への面積拡大が期待されている。

マングローブ開発は AFD の支援により成功を収めていると言われている。しかし、10 年間で 90,000ha もの面積の開発を行うことは現実的であろうか。

沖積平野、特に高地ギニアのニジェール川流域は、灌漑開発によりコメの増産が見込まれる。しかし、収量を 2008 年の 1.5ton/ha から 2018 年に 3.26ton/ha に倍増させるのは、楽観的すぎるかもしれない。

(9)　その他

海外の民間セクターの投資動向は注意深く調べる必要がある。現地の人々や国家の利益が損なわれないよう、何らかの仕組みあるいは規制がなされるべきである。

2.2.4　ケニア

(1)　社会経済

ケニアの 2007 年の GDP は US$29.5 billion であり、2005 年における 1 人当たり GDP は US$547 であった。GDP に占める農業セクターの割合は、2007 年において 23.8%であった。また、2006 年には労働力人口の 72.6%が農業セクターに従事している。

(2)　主食におけるコメの位置づけ

FAOSTAT によれば、2003 年におけるコメの国内供給量は、乾物ベースで 225,800ton であった。これは全主食作物の国内供給量 5,256,900ton の 4.3%を占める値である。2006 年におけるコメの輸入額は US$63 million で、主食作物輸入総額の 18.4% を占める。

(3)　コメの生産および需給バランス

国内コメ生産量は、1998 年に 41,800ton であったが、2006 年には 64,800ton に増加した。一方、コメの消費量は急速に増加しており、国内需要を満たすのに十分な生産量は達成できていない。1994 年に 1.8kg であった年 1 人当たりコメ消費量は、2003 年には 6.6kg に達した。コメ消費の拡大に伴い、コメの輸入量も急激に増加しており、1998 年の 62,700ton から 2006 年には 259,100ton に達している。ケニアの 2003 年におけるコメ自給率は、12.0%であった。

(4)　イネの栽培環境

ケニアのコメの約 80%は、政府によって開発された灌漑スキームで生産されている。残りの 20%は、インド洋沿岸やビクトリア湖沿岸の天水田や天水低湿地において生産されている。水田稲作が行われている代表的な灌漑スキームは、ムエア、アヘロ、ブニャラ、カノ西部灌漑スキームである。ゾイア下流域の灌漑開発も進められている。また、畑作中心の灌漑スキームであるホラ／タナおよびブラ灌漑スキームにおいても稲作は可能である。ケニアにおける灌漑可能面積は、世銀の推計によると 200,000 ha から 500,000 ha である。

(5)　稲作関連プロジェクトの分類

確認された稲作関連プロジェクトは 16 件である。プロジェクトを稲作中心プロジェクトとその他のプロジェクトに分類し、以下に示した。

稲作中心プロジェクトおよびその他のプロジェクト分類

プロジェクトの焦点	プロジェクト数
稲作中心	8
その他	8
合計プロジェクト数	16

稲作中心プロジェクトは 8 件、その他プロジェクトは 8 件である。

これらを実施段階別に分類すると、以下に示すように、実施中が 10 件、実施済が 3 件、承認済が 2 件、および計画中が 1 件であった。

実施段階別のプロジェクト分類

プロジェクト実施段階	プロジェクト数
計画中	1
承認済	2
実施中	10
実施済（2004 年以降）	3
不明	0
合計プロジェクト数	16

タイプ別に見ると、以下のように有償が 8 件、無償と技術協力が 4 件ずつであった。

タイプ別のプロジェクト分類

プロジェクトタイプ	プロジェクト数
無償	4
有償	8
技術協力	4
国家予算	0
不明	0
合計プロジェクト数	16

活動領域別での分類は、以下に示すとおりであるが、12 件が普及／研修を、11 件が生産を、8 件が灌漑を、5 件が流通を、4 件が収穫後処理および政策を、3 件が研究開発および種子を、2 件が金融を、それぞれ活動に含めている。

活動領域別のプロジェクト分類

プロジェクト活動領域	プロジェクト数（複数回答）
政策	4
研究開発	3
普及／研修	12
生産	11
流通	5
収穫後処理	4
灌漑	8
金融	2
種子	3
その他	5
合計プロジェクト数	16

稲作関連プロジェクト 16 件の合計費用は約 US$403 million と推定される。予算が US$10 million 以上の案件は 8 件、US$500,000 未満、および US$500,000 以上 US$1 million 未満は各 3 件、US$1 million 以上 US$5 million 未満は 1 件、US$5 million 以上 US$10 million 未満は 1 件であった。

事業費別のプロジェクト分類

事業費	プロジェクト数
<US$500,000	3
<US$1,000,000	3
<US$5,000,000	1
<US$10,000,000	1
>US$10,000,000	8
不明	0
事業費が示されたプロジェクト数	16
合計費用（US$換算）	403,000,000

(6)　主要ドナーによるプロジェクト

ケニアにおいて稲作関連プロジェクトに関係していることが確認されたドナーは 15 機関であった。

SACRED Africa が、ロックフェラー財団の支援により、現地適応性栽培試験を通して、ケニアに適したネリカ品種を選抜することを目的とした活動を行った。

同様の活動を、アフリカ人造り拠点（AICAD）が JICA の支援により実施し、ネリカ 1、4、10、11 の 4 品種が 2009 年 4 月に品種登録された。JICA が派遣を承認した「稲作振興アドバイザー」は、ネリカの普及に協力することになっている。

FAO は、ケニア西部の灌漑スキームにおける稲作を復興するため、国連中央緊急対応ファンド（CERF）と共に「FAO's Initiative on Soaring Food Prices」の枠組みの下、稲作農家の支援を行っている。FAO のプロジェクトでは、肥料、種籾や農薬の提供、マイクロ金融、農民研修、農産物の流通支援、バリュー・チェーン調査をアヘロ、西カノおよびブニャラ灌漑スキームにおいて実施している。

BADEA は、既存灌漑施設の改修と拡張、機材調達と設置、コンサルティングおよび組織支援を行っている。

サウジアラビア基金とクウェート基金は、既存灌漑施設の改修と改良、機材調達・設置、コンサルティングに加え、農業普及と農民へのマイクロ金融の提供を実施している。

JICA は、既存潅漑施設の改修と補助水源確保による拡張、二期作の実施等を目指した調査を無償で実施しており、有償資金協力による建設工事につなげる意向である。派遣が承認された JICA の「潅漑アドバイザー」は、ケニア全土を対象に水灌漑省の灌漑開発関連活動に対する支援を行う予定である。

世銀が支援する天然資源管理プロジェクトには水資源管理・潅漑コンポーネントが含まれており、このプロジェクトによって、5 カ所の既存潅漑施設の改修および 1 カ所の新規灌漑開発が行われている。また、本プロジェクトの支援活動には、灌漑施設・機材の建設・改修、灌漑公社の組織改編、灌漑政策の実施支援、農民の能力開発、民間セクターに対する支援等が含まれる。

EU は、半乾燥地域の灌漑地域を対象にネリカの栽培試験や農民および農業普及員に対する技術研修を行っている。

(7)　ドナー協調

ケニアの稲作関連プロジェクトに関しては、これまで特に援助協調は行われていない。

(8)　NRDS と稲作関連プロジェクトとの関連性

ケニアの NRDS では、2018 年までに灌漑水田、天水田、天水畑地におけるイネの作付面積をそれぞれ概ね倍増し、国内コメ生産量を 2.5 倍に増やす計画である。しかし、灌漑スキーム以外における稲作普及を目的としたプロジェクトは極めて少ない。NRDS では、種子生産の重要性が強調されているものの、現状では、イネの種子生産強化に関するプロジェクトは行われていない。

(9)　その他

ケニアでは、イネは灌漑公社（NIB）およびムエア潅漑農業開発センター（MIAD）によって管轄されてきた。しかし、コメの重要性が増してきたことを受け、稲作分野における国内関係機関の役割分担に関する協議が行われた。その結果、研究は、ケニア国立農業研究所（KARI）が他機関との連携の下で実施することとなった。灌漑公社は、灌漑施設の運営・管理等を担当するとともにオペレーションズ・リサーチも行う。MIAD は、農業省と連携し、ムエア灌漑スキームにおける農業普及活動を担当する。水灌漑省は、水資源に関する政策立案や規則設定を担当する。農業省は農業普及や市場管理などを担当する。

アメリカの私企業である Dominion Farm Ltd.はビクトリア湖沿岸のヤラ湿地で商業的稲作を行っている。

2.2.5　マダガスカル

(1)　社会経済

マダガスカルの2007年におけるGDPはUS$7.3 billionであり、2005年の一人当たりGDP はUS$271であった。2008年のGDPに対する農業セクターのシェアは26%と推定されている。2006年の全労働人口の70%以上が農業労働人口である。　.

(2)　主食におけるコメの位置づけ

コメはマダガスカルにおいて最重要な主食である。輸入を含めた国内のコメ供給量は2003年に2.123,300 tonであり、乾物ベースの主食作物国内供給量の61%を占める。2006年のコメ輸入量は155,000ton、その輸入額US$45.8 millionであり、主食作物の輸入額の46%を占める。

(3)　コメ生産および需給バランス

1998年から2007年の10年間で、コメの生産量は籾で2,447,000 tonから3,596,000 tonに増加した。この増産は主に収量の向上による。2003 年の一人当たりコメ消費量は 97.1kgであり、同年のコメ自給率は88%であった。

(4)　イネの栽培環境

コメは最重要主食であるため、天水低地、畑地、灌漑農地など国内各地で栽培されている。多くのコメは天水状況下で栽培されている。畦のある水田は川沿いや丘陵地の段々畑で発達している。植民地時代から、大規模および小規模灌漑システムが発達している。集中豪雨と脆弱な地形により、灌漑システムにおいては土壌浸食と洪水は深刻な問題を起こしている。

(5)　稲作関連プロジェクトの分類

マダガスカルにおける稲作関連プロジェクトに関する情報は 37 件収集した。プロジェクトを稲作中心プロジェクトとその他のプロジェクトに分類し、以下に示した。

稲作中心プロジェクトおよびその他のプロジェクト分類

プロジェクトの焦点	プロジェクト数
稲作中心	28
その他	9
合計プロジェクト数	37

稲作中心プロジェクトは28件、その他プロジェクトは9件である。

これらを実施段階別に分類すると、以下に示すとおり、実施中が 25 件、実施済が 10 件、計画中および承認済が1件ずつであった。

実施段階別のプロジェクト分類

プロジェクト実施段階	プロジェクト数
計画中	1
承認済	1
実施中	25
実施済（2004 年以降）	10
不明	0
合計プロジェクト数	37

タイプ別に分類すると、無償が 23 件、有償が 11 件、技術協力が 4 件、 国家予算によるものが 3 件であった。4 件は無償と有償が組み合わされている。

タイプ別のプロジェクト分類

プロジェクトタイプ	プロジェクト数（複数回答）
無償	23
有償	11
技術協力	4
国家予算	3
不明	0
合計プロジェクト数	37

プロジェクトを活動領域別に分類すると、16 件が普及／研修を扱っており、10 件が灌漑を、9 件が種子を扱っている。その他、8 件が生産を、各 6 件が政策と金融を、各 3 件が流通と収穫後処理を扱っている。その他の領域で特徴的なのは、当該国の地理学的、地質学的な特徴を反映して、灌漑開発と関連して、流域管理や浸食制御の活動が扱われている。

活動領域別のプロジェクト分類

プロジェクト活動領域	プロジェクト数（複数回答）
政策	6
研究開発	2
普及／研修	16
生産	8
流通	3
収穫後処理	3
灌漑	10
金融	6
種子	9
その他	14
合計プロジェクト数	37

マダガスカルの稲作関連プロジェクトは、その事業費が US$500,000 未満の比較的小規模なプロジェクトが多い。全体の 30%にあたる 11 のプロジェクトが以下に示すように小規模である。

事業費が US$10 million 以上の大規模プロジェクトは 15 件あり、5 件は US$5 million 以上 US$10 million 未満、4 件は US$1 million 以上 US$5 million 未満である。資料が入手できた 35

件のプロジェクト総事業費は US$683 million である。

事業費別のプロジェクト分類

事業費	プロジェクト数
<US$500,000	11
<US$1,000,000	0
<US$5,000,000	4
<US$10,000,000	5
>US$10,000,000	15
不明	2
事業費が示されたプロジェクト数	35
合計費用（US$換算）	683,000,000

(6)　主要ドナーによるプロジェクト

IFAD は研修や能力開発による生活環境向上のための小農支援を行っている。研修は稲作、組織活動、職業化、金融、流通等の農業生産に関することを提供している。これら活動を通じて、地方政府や地域住民の能力開発が期待されている。

世銀は農村住民が計画し、実施する小規模プロジェクトに資金を提供する農村開発プロジェクトを通じ、地方分権化プロセスを支援している。住民によって計画された小規模プロジェクトの多くは灌漑稲作である。

世銀と AFD は共同で灌漑開発、商業的農業、流域管理を活動内容とする、主要灌漑地域流域の灌漑システム維持のための流域管理と灌漑プロジェクトを開始した。

また、世銀と AFD は、2005 年に設立された市場情報を交換することで、コメ供給を安定化するコメ・プラットフォームの機能維持のための財政支援を行っている。

AFD はアロチャ湖（Lac Alaotra）湖岸の灌漑プロジェクトを実施していたが、現在、その支援の水利用組合の能力強化、すなわち運河を含めた水利用費用などの水管理の改善の灌漑構造の維持を下流の灌漑スキーム維持のための分水地点の南東部に集中させている。

AfDB は南西部地域で、コメ増産を目的とした 2 つの灌漑プロジェクトを実施している。

アメリカのミレニアム・チャレンジ・アカウント（MCA）は市場経済をもたらして、農村住民の収入を引き上げる支援している。また EU と共同で、近代的な土地登記や土地所有権制度の確立を通じた新しい土地所有制度を支援している。

FAO はコメ農家への種籾配布支援、および農民による種子増殖と優良種子の利用を推進するための支援を実施中である。

EU と IFAD は共同で、起業研修や農業研修を通じ、農家収入向上のために農民組織を支援している。全国 110 ヶ所に様々な農業サービスを提供する場として、農業サービスセンターを設立した。

また、EU は 2005 年に設立されたコメ観測所に財政援助を行っている。これは、全国 108 ヶ所のコメ市場におけるコメ価格情報を定期的に観測し、インターネットを通じて提供す

るサービスである。

JICA はマダガスカルにおいて、コメセクターの様々なタイプの協力を行っている。農業省の政策形成や計画を行う農業アドバイザーの派遣、中央高原地帯のコメ増収の技術協力、食料増産援助（KRII）の見返り資金を用いた肥料購入のための助成、アロチャ湖地区の農業・森林開発プロジェクトに係わる調査、農業機械センターの修復およびアロチャ湖地区 PC23 潅漑地区修復の、2 件の無償プロジェクトがある。

ドイツは灌漑システムの保護するために、流域の浸食制御の技術協力を提供している。

NGO はコメセクターに活動的である。Aga Khan Foundation (AKF)は集約的稲作システム（SRI）導入とコメの価値連鎖の競争増加によるコメ増産の総合農村開発プロジェクトを実施している。

Catholic Relief Services (CRS)はサイクロンや食糧危機にあった貧困農家をコメ生産の回復のための農業技術支援を通して支援している。

Better U Foundation は技術協力と機材提供により、SRI を促進している。

(7)　ドナー協調

マダガスカルでは、農村開発セクターのドナー協調が活発である。ドナーは必要な時、情報交換の場として、会合を設けている。

JICA と AFD は、お互いの能力を増大させるため、専門家の相互派遣を行い、専門的知識の交換を行うことで、相互のプロジェクトに協力している。

FAO の種子増殖支援プロジェクトには JICA と AFD が協力を行っている。

EU のプロジェクトで設立された農業サービスセンターの建設は IFAD も支援している。

(8)　NRDS と稲作関連プロジェクトとの関連性

NRDS は現時点では入手出来ていない。

(9)　その他

韓国の民間企業が 1,000,000 ha 規模の開発投資をマダガスカルで行うことで、マダガスカル政府と協議していることが明るみに出て、話題となっている。

中国は、民間企業がハイブリッド米の開発研究を行っており、開発に必要な地元の遺伝資源の採取を行っている。

2.2.6　マリ

(1)社会経済

マリの GDP は 2007 年において US$6.8 billion であり、2005 年の一人当たり GDP は US$392 であった。2001 年の GDP に対する農業セクターのシェアは 45%と推定される。農業労働人口は 2006 年の全労働人口の 54%を占めている。

(2)主食におけるコメの位置づけ

2003 年のコメの国内供給量は 737,100ton であり、主食作物供給量の 26.5%である。2006 年のコメ輸入量は 174,000ton、輸入額は US$45.5 million であり、主食作物総輸入額の 28.9%を占めた。

(3)稲作生産および需給バランス

1998 年から 2007 年の 10 年間の籾生産量は 718,000 ton から 1,503,200 ton の間を変動している。2004 年に急激に生産が落ち込み、一方で、2006 年には最高生産量を示したが、共に収量の変動が貢献した。コメの輸入量は同時期で変動が見られたが、必ずしも、その増減はコメ生産の変動パターンと合致していない。コメの国内供給量は 1994 年の 304,000 ton から 2003 年の 737,100 ton に増加した。一人年間コメ消費量は 2003 年に 61 kg と試算されたが、1994 年の倍以上の数値を示している。同年のコメ自給率は 85%であった。

(4)イネの栽培環境

マリのコメは 3 つの農業生態系下で広く栽培が行われている。畑地、川沿いの沖積平野と内陸低地である。畑地栽培は年降水量 1,200mm 以上のスーダン・ギニア気候帯であるギニアとの国境付近の南西部で見られる。また、稲作は年降水量 600mm から 1,200mm のスーダン気候帯であるニジェール川とその支流の沖積平野でも見られる。灌漑または天水条件下で栽培が行われている。さらに、一定期間、水が停滞する内陸低地でも栽培されている。灌漑はその開発レベルによって、完全水制御、洪水制御、改良内陸低地に分類される。

農業生態系によるコメ栽培の空間的分布は以下のとおりである。

(a) 畑地: シカソ（Sikasso)、カイェ（Kayes)、クリコロ（Koulikoro)
(b) 沖積平野: セグー（Ségou)、モプチ（Mopti)、トムブクトウ（Tombouctou)
(c) 内陸低地: セグー(Ségou)、シカソ(Sikasso)、クリコロ(Koulikoro)、モプチ(Mopti)、トムボクトウ（Tombouctou)、ガオ（Gao)

(5)稲作関連プロジェクトの分類

マリの稲作関連プロジェクトは 44 件確認された。プロジェクトを稲作中心プロジェクトとその他のプロジェクトに分類し、以下に示した。

稲作中心プロジェクトおよびその他のプロジェクト分類

プロジェクトの焦点	プロジェクト数
稲作中心	26
その他	18
合計プロジェクト数	44

稲作中心プロジェクトは 26 件、その他プロジェクトは 18 件である。

実施段階別に示すと、以下のとおり、25 件が実施中、17 件が実施済、計画中と承認済がそれぞれ 1 件である。

実施段階別のプロジェクト分類

プロジェクト実施段階	プロジェクト数
計画中	1
承認済	1
実施中	25
実施済（2004 年以降）	17
不明	0
合計プロジェクト数	44

これらプロジェクトをタイプ別に分類すると、21 件が無償でそのうちの 2 件は技術協力を伴い、8 件は有償を伴っている。有償プロジェクトは 21 件あり、そのうち、技術協力を伴うものが 3 件ある。国家予算によるプロジェクトは 9 件あり、国家予算のみで実施している。

タイプ別のプロジェクト分類

プロジェクトタイプ	プロジェクト数（複数回答）
無償	21
有償	21
技術協力	3
国家予算	9
不明	0
合計プロジェクト数	44

全プロジェクトの約 75%または 31 件は、灌漑あるいは水制御の分野を活動に含んでいる。次いで、19 件が生産を、14 件が普及／研修を含んでいる。流通分野を扱うプロジェクトは 2 件のみであり、収穫後処理は 1 件である。15 件の他分野のプロジェクトは社会経済基盤、植物防除、アグロフォレストリー等がある。

活動領域別のプロジェクト分類

プロジェクト活動領域	プロジェクト数（複数回答）
政策	5
研究開発	5
普及／研修	14
生産	19
流通	2
収穫後処理	1
灌漑	31
金融	0
種子	3
その他	19
合計プロジェクト数	44

資料がある 42 プロジェクトの総事業費は US$644 million である。多くの灌漑整備プロジェクトがあることから、個々の事業費は概して高い。US$10 million 以上の案件は 23 件、US$5 million 以上 US$10 million 未満が 10 件、US$500,000 以上 US$5 million 未満は 8 件である

事業費別のプロジェクト分類

事業費	プロジェクト数
<US$500,000	0
<US$1,000,000	4
<US$5,000,000	4
<US$10,000,000	10
>US$10,000,000	23
不明	3
事業費が示されたプロジェクト数	41
合計費用（US$換算）	644,000,000

(6) 主要ドナーによるプロジェクト

AfDB は 9 件のプロジェクトを単独あるいは協調で実施し、種子のサブセクターと灌漑開発を支援している。

IsDB は 4 件の農村開発プロジェクトを実施中であり、それらには、作物生産、特にコメ生産の増加を目的とした灌漑開発が含まれている。

BADEA は 2 件のプロジェクトにおいて、僻地の農村住民に対する灌漑と農業開発を支援している。

IFAD は脆弱なサヘル地域の農村住民に対して、農業と農村インフラを整備する 2 件のプロジェクトを実施している。

EU はニジェール事務所の領域内で、農家を伴うコメ研究活動の強化を含むコメ生産のための灌漑システムの開発を支援している。

世銀はオランダおよびマリ政府と共同で、灌漑システムを含む農村インフラ開発を支援している。また、砂漠バッタ防除支援も行っている。さらに、コメ生産の向上に貢献するため、コメの卓越した研究拠点の設置とコメ生産技術の開発と普及によって地域のコメ研究を支援している。

米国国際開発庁（USAID） は農業開発、市場流通開発、灌漑開発等による経済成長を支えるプロジェクトを実施中である。

FAO は食糧安全保障特別プログラム（SPFS）を通じた灌漑コメ生産の研修による小規模コメ農家を支援している。

KfW, ルクセンブルグ, AFD, DANIDA, サウジアラビア基金,クウェート基金等、他のドナーはコメ生産のための灌漑プロジェクトにより、農業セクター支援を行っている。

(7) ドナー協調

農業経済セクターのドナー協調グループ(PTF)は 5 つのサブグループに分類される。(i) ニジェール川開発公社（オランダ主導)、(ii) 食料安全保障（WFP 主導)、(iii) 灌漑（GTZ 主

導)、(iv) 畜産と漁業（ベルギー主導)、および(v) 綿花（AFD 主導)である。

現在、PTF はマリ政府と協力し、国家農業投資プログラムを準備中である。

欧州連合（EU)、世銀、ドイツはプログラムローン（一般財政支援）と既にニジェール開発公社で検証されたコモンバスケット型の支援により、農業セクター支援を計画している。

現在は、個々のドナー機関が個別にプロジェクトを実施しており、共同作業は共同評価ミッションの形成の際に見られる。

一般財政支援はデンマーク、スウェーデン、カナダ、EU、オランダ等により行われている。

(8) NRDS と稲作関連プロジェクトとの関連性

NRDS では、灌漑コメ生産を除いて、畑地陸稲生産を 10 年間で 500,000ton まで増大させ、栽培面積を 100,000ha まで拡大し、収量を 1 ton/ha 増加すると提案されている。しかし、ネリカ種子増殖以外の畑地開発の実施中または計画中のプロジェクトはない。

(9) その他

リビアと中国はニジェール川開発公社の管轄地域下で、コメ生産のための灌漑開発への投資に興味を示している。

2.2.7　モザンビーク

(1)社会経済

2007年のモザンビークのGDPはUS$7.7 billionであり、2005年の一人当たりGDPはUS$335であった。2008 年における GDP に対する農業セクターの割合は 23.4%と試算され、2006年の全労働人口に対する農業労働人口は75%を占めている。

(2)主食におけるコメの位置づけ

2003年の国内コメ供給量は297,000 tonであり、主食国内供給量の6.8%である。2006年のコメ輸入量は382,000 ton、輸入額はUS$96.3 millionであり、主食輸入総額の約30%を占めていた。

(3)コメ生産および需給バランス

1998年から2007年の10年間におけるコメ生産の変動はほとんどない。1998年は191,000 ton、2007年は196,000 tonである。例外は2001年と2002年の2年間であり、2000年の壊滅的な洪水後、急激に生産量が減少した。コメの輸入量は 2001 年以来、着実に増加している。2003年のコメ自給率は45%であったが、この数年で急激に下がっていることは間違いない。2003年の年一人コメ消費量は16kgであり、年々、増加傾向にある。

(4)イネの栽培環境

コメは季節的な洪水を利用し、川沿いの低地で天水下で広く栽培されている。天水条件下の低地栽培がコメ栽培面積の90%を占めており、ソファラ(Sofala)、ザンベジア(Zambezia)、ナンプラ（Nampula)、カボデルガド（Cabo Delgado）地方において栽培されている。コメの収量は停滞気味で、水田で0.8から1.2ton/haである。これは、不十分な作物管理、特に圃場耕起、優良種子入手の困難、不十分な雑草管理、収穫後処理時の大きな損失等に起因する。

(5)稲作関連プロジェクトの分類

モザンビークでは、17件の稲作関連プロジェクトが確認されている。プロジェクトを稲作中心プロジェクトとその他のプロジェクトに分類し、以下に示した。

稲作中心プロジェクトおよびその他のプロジェクト分類

プロジェクトの焦点	プロジェクト数
稲作中心	8
その他	9
合計プロジェクト数	17

稲作中心プロジェクトは8件、その他プロジェクトは9件である。

実施段階別に示すと、以下のとおり、8件が実施中、4件が実施済、3件が承認済、2件が計画中である。

実施段階別のプロジェクト分類

プロジェクト実施段階	プロジェクト数
計画中	2
承認済	3
実施中	8
実施済（2004 年以降）	4
不明	0
合計プロジェクト数	17

タイプ別の分類では、8 件が無償で、有償は 7 件である。技術協力は 4 件である。灌漑条件下の商業的コメ生産の民間事業が 1 件ある。無償の 3 件は有償を伴っており、有償の 1 件は技術協力を伴っている。

タイプ別のプロジェクト分類

プロジェクトタイプ	プロジェクト数（複数回答）
無償	8
有償	7
技術協力	5
国家予算	0
民間	1
合計プロジェクト数	17

以下に示すとおり、灌漑と生産分野を活動に含むロジェクトは各 10 件あり、普及／研修を含む案件は 8 件である。流通と政策は各 5 件のプロジェクトで対象となっており、研究開発は 4 件で扱っている。収穫後処理は 2 件のみ、金融は 1 件のみであった。

活動領域別のプロジェクト分類

プロジェクト活動領域	プロジェクト数（複数回答）
政策	5
研究開発	4
普及／研修	8
生産	10
流通	5
収穫後処理	2
灌漑	10
金融	1
種子	2
その他	4
合計プロジェクト数	17

事業費不明のプロジェクトを除いた 12 件のプロジェクトの総事業費は US$233 million である。3 分の 2 にあたる 8 件は事業費が US$10 million 以上、2 件は小規模で、US$500,000 未満である。残りの 2 件は中規模で、US$1 million 以上 US$5 million 未満である。

事業費別のプロジェクト分類

事業費	プロジェクト数
<US$500,000	2
<US$1,000,000	0
<US$5,000,000	2
<US$10,000,000	0
>US$10,000,000	8
不明	5
事業費が示されたプロジェクト数	12
合計費用（US$換算）	233,000,000

(6) 主要ドナーによるプロジェクト

AfDB は小規模灌漑開発により小農支援をしている。また、2000 年の壊滅的な洪水によって破壊された上流域のダムと貯水池、および灌漑スキームを修復した。

世銀はコメセクター関連の農村農民と民間起業家の生計向上を、灌漑農業の促進を通じ、彼らの能力開発とコメの付加価値連鎖を図ることによって支援している。

EU は小規模の水インフラの修復と政府職員および農家の能力開発により、干ばつが問題となっている南部地域の農村農民を支援している。

EU は IFAD、アイルランド、カナダ、スウェーデン、フィンランド、オーストリア、デンマークと共同で、コモンバスケット基金の創設を通じたモザンビーク政府の支援を実施しており、それを通じた農業セクター開発の実施により、当事者意識向上と計画と制度面での能力強化を図っている。

スウェーデン国際開発庁（SIDA）は国境を越えて流れる国際河川流域の、灌漑を含んだ水資源開発事業を実施中である。

イタリア政府は、コメ開発戦略作成を通じて、モザンビーク政府を支援した。その戦略の中で、国内のコメ生産の優先地域として 4 つのクラスターを特定した。また、灌漑開発と共に生産と流通に関する研修を提供することで、コメ農家を支援した。

JICA はコメ農家に対して、灌漑条件下における新しい作物管理の技術移転による生産向上を支援している。現在、ベトナム人の専門家とともに、能力開発を通じた天水条件下のコメ生産促進の新しい技術協力プロジェクトを計画中である。

国際稲研究所（IRRI）は、東部および南部アフリカを対象とした地域事務所を設立した。モザンビークのコメ増産を新品種開発、稲作関係者の能力向上、小規模機械化によって、促進する予定である。

(7) ドナー協調

ドナー協調は発達していると言ってよい。ドナーらはモザンビーク政府の開発地域、活動領域、事業費の決定を尊重している。

ドナーらは定期的に情報共有のため、会合を持っている。

現在、モザンビーク政府はEU、世銀、FAO、IRRI等の援助機関と協力しており、EUの支援により、灌漑開発戦略を作成中している。

(8) NRDSと稲作関連プロジェクトとの関連性

現在、実施中と計画中のプロジェクトはベイラ（Beira）、シャイシャイ（Xai-xai）、ケリマネ（Quelimane）で見られ、ナンプラ（Nampula）地方では見られない。限られた人材と財源の両方が4地区を一度に開発するのを制限する要因となっているように思われる。

2.2.8　ナイジェリア

(1) 社会経済

ナイジェリアの 2007 年における GDP は US$166 billion であり、2005 年の一人当たり GDP は US$752 であった。2008 年の GDP における農業セクターのシェアは 18.0%と推定されている。2006 年の農業労働人口は全労働人口の 28.1%である。

(2)　主食におけるコメの位置づけ

FAOSTAT によれば、2003 年の米の国内供給量（生産量、輸入量、備蓄量変化の総量）は 3,853,900 ton で，乾物基準で示す主食作物供給総量 43,619,900 ton の 8.8%に相当する。2006 年の米の輸入量は 974,700 ton、輸入額は US$295.6 million であり、主食作物輸入総額の 18.4%である。

(3) コメの生産および需給バランス

1998 年から 2007 年の 10 年間の年間米生産量は籾ベースで 2,752,000 ton から 4,677,4,000ton の間で変動している。一方、同期間のコメの輸入量は精米ベースで、594,100ton と 1,770,100ton の間で大きく変動している。2003 年の自給率（コメ国内供給量に対する生産量の割合）は 58.4%であり、同年の一人当たりコメ消費量は 25.9 kg であった。

(4) イネの栽培環境

ナイジェリアは国土総面積 923,768 km^2で、可耕地は 790,000 km^2ある。可耕地の中で 490,000 km^2が米生産適地と推定されているが、現在は 180,000 km^2、適地の 37%がコメ生産に使用されているのみである。潅漑可能地は 31,400 km^2と推定されており、そのうち実際に潅漑に使用されているのは 800,000 ha以下にすぎない。

ニジェール、ソコト、ケビ、ボロノ、カツィナ、タラバ、ザンファラ、バウチ、ジガワ、エボニ、およびベヌエ州に大規模潅漑地区がある。これらの地区におけるコメの単収は 3.0 ton/ha から 3.5 ton/ha で、潜在的収量の 7 ton/ha から 9 ton/ha に比べて低い。このように、地理上の優先度から言って、今後の潅漑水田と天水田の開発は上記の中北部ナイジェリアに優先度があると言える。(NRDS-Draft, March 2009 から引用)

(5) 稲作関連プロジェクトの分類

ナイジェリアで情報収集した稲作関連プロジェクト数は 19 件である。プロジェクトを稲作中心プロジェクトとその他のプロジェクトに分類し、以下に示した。

稲作中心プロジェクトおよびその他のプロジェクト分類

プロジェクトの焦点	プロジェクト数
稲作中心	12
その他	7
合計プロジェクト数	19

稲作中心プロジェクトは 12 件、その他プロジェクトは 7 件である。

実施段階別に分類すると、以下に示すように実施中が 12 件、実施済が 5 件、承認済が 2 件である。

実施段階別のプロジェクト分類

プロジェクト実施段階	プロジェクト数
計画中	0
承認済	2
実施中	12
実施済（2004 年以降）	5
不明	0
合計プロジェクト数	19

これらプロジェクトをタイプ別に分類すると、無償が 12 件、有償が 4 件、国家予算が 2 件である。また、無償および有償を組み合わせた案件が 1 件ある。

タイプ別のプロジェクト分類

プロジェクトタイプ	プロジェクト数（複数回答）
無償	13
有償	5
技術協力	0
国家予算	2
不明	0
合計プロジェクト数	19

活動領域別の分類では普及／研修と流通は 10 件で、生産と収穫後処理が各 8 件ずつ、研究開発と種子が各 5 件ずつ、政策と灌漑が各 3 件ずつ、および金融が 1 件である。

活動領域別のプロジェクト分類

プロジェクト活動領域	プロジェクト数（複数回答）
政策	3
研究開発	5
普及／研修	10
生産	8
流通	10
収穫後処理	8
灌漑	3
金融	1
種子	5
その他	8
合計プロジェクト数	19

資料が入手できた 18 件の合計事業費用は US$1.12 billion 相当である。US$10 million 以上のプロジェクトは 10 件、US$500,000 以下は 4 件ある。他の 4 件の事業費用は US$ 1 million 以上 US$10 million 未満の範囲である。

事業費別のプロジェクト分類

事業費	プロジェクト数
<US$500,000	4
<US$1,000,000	0
<US$5,000,000	3
<US$10,000,000	1
>US$10,000,000	10
不明	1
事業費が示されたプロジェクト数	18
合計費用（US$換算）	1,116,000,000

(6) 主要ドナーによるプロジェクト

USAID は農業投入資材や農業生産物等の流通を推進する活動を続けてきている。その活動はまたナイジェリアのある地域を選定し、現在行われている低投入/低収穫で自給自足的農業から競争力のある商業的農業への転換をねらった活動でもある。イギリスの国際開発省（DFID）も農業生産性の向上を通して、また、マーケット主導型の改革を通して非石油セクターの持続的な成長を支援してきている。

慈善団体ギャッツビー、ロックフェラー財団は農民参加型品種選抜手法（PVS）を使った NERICA の普及を支援している。また AfDB と AGRA も主に種子生産に対する支援を通じて NERICA の普及を推進している。

世銀は、長年にわたり、内陸低湿地（fadama）の様々な資源を直接、間接に利用する人々（農民、牧畜民、漁民、狩猟民、採集民およびサービス提供者）の収入向上に向けた支援を行ってきた。この支援を継続する方向で、新規プロジェクトが承認されたところである。また、5 つの州の小中規模販売農家の農業生産システムを強化し、米を含む農産物に付加価値を追加できるマーケットへのアクセスを仲介することを目的とした、商業的な農業開発を目指したプロジェクトも実施が承認された。

AfDB は IsDB、BADEA、連邦、州政府、地方行政議会と協力して貧困削減に向けた国家食料安全保障プログラム（National Programme for Food Security）を支援している。連邦政府は米セクターを支援しているが、特に、生産、収穫後処理や流通等に力を入れている。

FAO はナイジェリアと中国の間の南南協力による小規模潅漑スキームの修復を推進し、韓国国際協力機構（KOICA）は米の収穫後処理施設の建設に協力している。JICA は 2007 年に米生産、収穫後処理、および流通に関する現地調査を実行した。

そのほか、AGRA と国際農業研究協議グループ（CGIAR）は研究を支援し、また JIRCAS も独自で研究を実施している。研究テーマの例を挙げると、 i) アフリカにおけるネリカを含むイネの乾燥耐性と浸水耐性の改善（JIRCAS)、 ii) 安定多収乾燥耐性品種の育種とナイジェリアの資源に乏しい農民に対する優良種子の供給(AGRA)、iii) 水が制限された条件下における米生産性向上のための乾燥を回避する根の特性解明（CGIAR）などである。

(7) ドナー協調

国別稲作振興戦略の作成にあたり、農業分野で活動するドナーによる会合が複数回開催さ

れた。一方、複数のドナーがコメ分野の収穫後処理や市場・流通に係わる支援を実施しているが、協調の有無についての情報は得ることができず、不明である。

(8) NRDS と稲作関連プロジェクトとの関連性

ナイジェリアでは、農業投入資材や農業生産物の流通、米の収穫後処理、付加価値の向上などで民間セクターに対する期待が極めて高い。しかしそのためには、農民、農民コミュニティと民間セクター間の調整、推進や協調が非常に重要であり、政府によるしっかりとした調整の下に行われるべきである。その場合、小自作農民に対する食料安全保障と貧困削減を最優先に考慮すべきである。

2.2.9　セネガル

(1) 社会経済

セネガルの 2007 年における GDP は US$11.2 billion であり、2005 年の一人当たり GDP は US$707 であった。2008 年の GDP に対する農業セクターが占める割合は 16%である。2006 年の経済活動人口の 72%を農業セクターが占めた。

(2) 主食におけるコメの位置づけ

FAOSTAT によれば、2003 年のセネガルの国内コメ供給量（国内コメ生産量、輸入量）は 1 million ton であり、主食作物供給量（乾物ベースに換算した穀類、イモ類、バナナの合計）の 44%である。2006 年のコメ輸入量は 706,000 ton、輸入額は US$209 million であり、主食食料輸入額全体の 51%であった。

(3) コメ生産および需給バランス

1998 年から 2007 年の 10 年間、セネガルのコメの生産量は籾ベースで 124,000 ton から 279,000 ton の間を上下した。生産量の変動は面積と収量の両者の変動に伴って起こっている。2003 年の一人あたりコメ消費量は 70kg 弱であり、同年のコメ自給率は 15%であった。

(4) イネの栽培環境

セネガルのイネは主に 3 つの地区で栽培されている。(i) 北部のセネガル川流域（サンルイ(Saint Louis)、マタム(Matam)、タンバクンダ(Tambacounda))、(ii) 中部の落花生盆地（ファティック(Fatick)、カオラック(Kaolack))、(iii) 南部のカザマンス(Casamance)地域（コルダ(Kolda)、ジガンショール(Ziguinchor))である。

セネガル川流域は年降水量 400mm 以下のサヘル地域に位置している。当地域はフランス植民地時代から開発されている。灌漑開発はセネガル川の下流域で開始され、コメは土壌の耐塩性が高いことから、主要作物として選定された。その後、開発は内陸部に向かって進んだ。灌漑水はセネガル川やその支流から汲み上げて、確保し、圃場準備は機械によって行われた。灌漑スキームでは農民により組合や団体が組織され、セネガル国立農業貸付銀行（CNCAS）から投入財や潅漑施設運営・維持管理に係わる貸し付けが行われた。技術支援は SAED から提供された。このような支援を受け、当地域では高投入高収量型の稲作を実現している。

中部落花生盆地では、コメは家庭内消費のために、伝統的に女性によって低地で栽培されている。全ての作業は手作業であり、無肥料で栽培されている。限られた労働力の下、コメの収量は一般的に低い。当地域において、土壌中の高い塩類濃度が、稲作上最も深刻な問題である。

カザマンス地域の人々は、伝統的にコメを栽培し、独特の文化を生み出している。圃場準備は地元で作られた特別な鍬を用いて、男性により、行われている。塩類土壌の問題がある地域では、コメは畝上に栽培されている。彼らは文化的にコメ栽培では、肥料を含め、化学物質を投入することを好まず、収量は一般的に低い。唯一の例外は、カザマンスのコルダ地域であり、ここではセネガル川流域の開発と同様の開発が進められている。

(5) 稲作関連プロジェクトの分類

セネガルでは、29 件の稲作関連プロジェクトが確認されている。セネガル川流域とカザマンス地区に集中している。プロジェクトを稲作中心プロジェクトとその他のプロジェクトに分類し、以下に示した。

稲作中心プロジェクトおよびその他のプロジェクト分類

プロジェクトの焦点	プロジェクト数
稲作中心	18
その他	11
合計プロジェクト数	29

稲作中心プロジェクトは 18 件、その他プロジェクトは 11 件である。

実施段階別の分類は以下に示すとおりであるが、17 件が実施中、6 件が実施済、4 件が承認済、1 件が計画中、1 件が不明となっている。

実施段階別のプロジェクト分類

プロジェクト実施段階	プロジェクト数
計画中	1
承認済	4
実施中	17
実施済（2004 年以降）	6
不明	1
合計プロジェクト数	29

プロジェクトはタイプ別にも分類されている。以下に見られるように、無償は 13 件あり、有償は 11 件、技術協力は 5 件である。国家予算プロジェクトは全ての有償案件に計上されている。

タイプ別のプロジェクト分類

プロジェクトタイプ	プロジェクト数
無償	13
有償	11
技術協力	5
国家予算	0
不明	0
合計プロジェクト数	29

プロジェクトの活動領域による分類を以下に示した。普及／研修領域が含まれるプロジェクトは 16 件と最も多く、次いで灌漑が 12 件、生産が 8 件、流通と政策が 7 件ずつ、収穫後処理が 6 件、研究開発と金融が 5 件、種子が 3 件となっている。他の領域として、アグロフォレストリー、社会経済基盤等が含まれる。

活動領域別のプロジェクト分類

プロジェクト活動領域	プロジェクト数（複数回答）
政策	7
研究開発	5
普及／研修	16
生産	8
流通	7
収穫後処理	6
灌漑	12
金融	5
種子	3
その他	10
合計プロジェクト数	29

29 件のプロジェクトのうち、事業費の確認された 19 件の総事業費は US$870 million であった。US$10 million 以上のプロジェクトは 14 件で 70%を占め、US$1 million 以上 US$5 million 未満は 4 件である。US$5 million 以上 US$10 million 未満は 1 件である。

事業費別のプロジェクト分類

事業費	プロジェクト数
<US$500,000	0
<US$1,000,000	0
<US$5,000,000	4
<US$10,000,000	1
>US$10,000,000	14
不明	10
事業費が示されたプロジェクト数	19
合計費用（US$換算）	870,000,000

(6) 主要ドナーによるプロジェクト

稲作関連プロジェクトに拠出している主要ドナーは世銀、AfDB、BADEA、フランス、ドイツ、アメリカ、韓国、日本である。

世銀 は主に貧困削減、市場インフラ開発、市場情報、経済自由化の促進のための生産者の能力強化を考慮した農村開発地域のプロジェクトとプログラムに財政支援をしている。対象はほぼ全国的である。

AfDB はコルダのアナンベ(Anambé)盆地の小規模金融の施設を設立し、農民組織の能力向上を支援している。AfDB はまた、ファティックで小規模灌漑プロジェクトを実施しており、主な活動は塩水侵入防止用堤防を建設することである。これはカサマンス地方の種子生産と農村開発も支援している。

BADEA は主に、セネガル川峡谷、コルダとカザマンスで灌漑施設の建設を支援している。

旧宗主国であるフランスは、セネガルの独立以来、支援を続けている。現在はセネガル川流域開発に関し、土地管理や土地所有制度を改善し、開発地区やインフラの維持管理に係

わる政策を定義するための支援を行っている。また、同地区に民間投資を呼び込むために、潅漑施設や基本インフラを整備する支援を行っている。

ドイツはセネガルの農業分野に対する技術協力、資金協力に長い歴史を有している。近年では、ファティックおよびカオラックを含むラッカセイ盆地の脆弱な農村住民の生計向上のために、塩害で放棄された土壌の回復を、塩類防止堤の建設によって進めている。また、地方分権化の過程において、地方行政の能力向上支援も行っている。カザマンスでは、内戦時に他のドナーが引き上げる中、唯一支援活動を続けた実績を持ち、現在も、食糧支援、種子配布、種子生産システムの再構築、塩類防止堤の建設などの支援を続けている。

アメリカは MCA を通じ、農村住民の経済開発を加速するために、セネガル川流域において幹線道路修復、橋梁の建設、潅漑施設の修復など大型インフラ開発を行っている。また、カザマンスの農民の支援も行っている。

韓国は KOICA を通じ専門家を派遣し、セネガル川流域において、普及/研修、潅漑施設の調査、開発等を行っている。

日本は JICA を通じ、国産米振興を目指した米セクター再編のための調査を実施した。この調査の結果から、様々な投資がセネガル川流域になされている。専門家が派遣され、米セクター開発支援を実施している。さらに、セネガル川中流域における小規模潅漑開発に係る無償資金協力および技術協力が行われる予定である。

(7) ドナー協調

コメセクターにおけるドナー間の協調を推進すべく、JICA、MCA、AFD 等の間で意見交換が行われている。

(8) NRDS と稲作関連プロジェクトとの関連性

NRDS はコメ生産の急増を期待している。しかし現段階では、貯蔵と加工の施設は十分に整備されていない。

アナンベ地区の開発の進捗は明らかにする必要がある。

2.2.10　シエラレオネ

(1)　社会経済

2007 年におけるシエラレオネの GDP は US$160 million であり、一人当たり GDP は 2005 年において US$216 であった。農業生産は 2001 年において GDP の 49%を占めており、2006 年の経済活動人口に占める農業活動人口の割合は 59%であった。

(2)　主食におけるコメの位置づけ

コメはシエラレオネ国民にとって最重要主食作物である。2003 年における米の国内供給量は 420,300 ton であり、主食総供給量の 60%を占めている。2006 年には約 90,000ton のコメを、US$24.5 million で輸入したが、これは主食総輸入額の 55%にあたる。

(3)　コメ生産および需給バランス

FAOSTAT によれば、シエラレオネのコメ生産は 2000 年の 183,000ton から 2006 年には 1,000,000 ton まで劇的に増加し、翌年には 630,000ton に低下した。年一人当たりのコメ消費量は 1994 年から 2003 年までの 10 年間、74kg から 90kg の間を変動している。

(4)　イネの栽培環境

シエラレオネでは、イネは雨季に至る所で見ることができる。イネは全ての農業生態系：畑地、内陸河岸低湿地（IVS)、ボリランド、河岸低湿地、およびマングローブ湿地で栽培されている。

陸稲は焼き畑システムで栽培され、稲作総栽培面積の 50%以上を占めている。次に栽培面積が多いのは IVS であり、マングローブ湿地、ボリランド、河岸低湿地が続く。

ボリランドと河岸低湿地はシエラレオネ特有の地理的、生態的用語である。ボリランドは明瞭な出口がない内陸盆地であり、河川流域の上・中流域に見られる。河岸低湿地は河川下流域の氾濫源に展開しており、共に雨季には長期間、湛水する。

(5)　稲作関連プロジェクトの分類

シエラレオネにおける稲作関連プロジェクト数は 14 件ある。プロジェクトを稲作中心プロジェクトとその他のプロジェクトに分類し、以下に示した。

稲作中心プロジェクトおよびその他のプロジェクト分類

プロジェクトの焦点	プロジェクト数
稲作中心	8
その他	6
合計プロジェクト数	14

稲作中心プロジェクトは 8 件、その他プロジェクトは 6 件である。

実施段階別に分類すると、12 件が実施中、2 件が実施済である。

実施段階別のプロジェクト分類

プロジェクト実施段階	プロジェクト数
計画中	0
承認済	0
実施中	12
実施済（2004 年以降）	2
不明	0
合計プロジェクト数	14

タイプ別に見ると、以下に示すように 8 件が無償、4 件が有償、1 件が技術協力プロジェクトである。

タイプ別のプロジェクト分類

プロジェクトタイプ	プロジェクト数
無償	8
有償	4
技術協力	1
国家予算	1
不明	0
合計プロジェクト数	14

プロジェクトの活動領域別に見ると、普及/研修を活動に取り込んでいる案件が 8 件、生産が 6 件、研究開発が 4 件、流通および収穫後処理が 3 件ずつ、種子が 2 件、および金融が 1 件となっている。

活動領域別のプロジェクト分類

プロジェクト活動領域	プロジェクト数（複数回答）
政策	0
研究開発	4
普及／研修	8
生産	6
流通	3
収穫後処理	3
灌漑	0
金融	1
種子	2
その他	3
合計プロジェクト数	14

資料が存在する 7 案件の総事業費は US$55million である。このうち 4 件は US$1million から US$5million の間にあり、他の 3 件は 1 件あたり事業費が US$10million を超えている。

事業費別のプロジェクト分類

事業費	プロジェクト数
<US$500,000	0
<US$1,000,000	0
<US$5,000,000	4
<US$10,000,000	0
>US$10,000,000	3
不明	7
事業費が示されたプロジェクト数	7
合計費用（US$換算）	55,000,000

(6)　主要ドナーによるプロジェクト

AfDB は農業セクターの復興を支援するために、農村道路、橋梁、普及員宿舎等、基本インフラの修復を行うと共に、農民の技術研修を行っている。また、ネリカ種子の適応性試験および種子増殖を支援している。

IFAD は小規模農民、特に遠隔地の女性や若年層を支援しており、その内容は技術研修、農村インフラ整備および小規模金融となっている。

EU は稲作農民に対し、農業機械、機材、農具、収穫後処理施設、種籾等の供与と共に技術研修の支援を行った。

JICA は、農民および地元普及員と協働しながら、様々な生態系における稲作栽培技術の開発・普及に係わる技術協力を行った。

中国はイネの雑種強勢（ハイブリッド）品種の導入を図り、展示栽培および種子増殖を行った。

USAID は、そのパートナーNGO である AfriCARE、 CARE、 CRS、 World Vision 等とともに、小規模農民の食料安全保障を強化するために稲作技術研修、ネリカ種子導入、耕起用農業機械の導入、IVS の修復、畑地の環境回復などの活動を行った。

ドイツは FAO を通じて、民間のイネ種子会社設立の支援や政府内にイネ種子品質委員会を設置するなどの活動を通し、コメの種子セクターを変革し、シエラレオネ政府を支援している。

国際原子力機関（IAEA）は無償協力や技術協力を通じ、コメの研究活動を強化するための支援を行っている。具体的にはロクープル農業研究センターに対する機材供与および突然変異技術を使った新しい高収量品種開発である。

(7)　ドナー協調

ドナーは情報共有のために定期的に会合を持っている。しかし、農業・農村セクターを支援するドナーは今までのところそれほど多くない。

(8)　NRDS と稲作関連プロジェクトとの関連性

NRDS において、コメ生産を増加させるための主要生態系は IVS であるが、IVS 開発を対象とするプロジェクトが計画され、実施された例は多くない。

2.2.11 タンザニア

(1) 社会経済

タンザニアの 2007 年における GDP は US$16.2 billion であり、2005 年の一人あたり GDP は US$316 であった。2008 年の GDP における農業セクターのシェアは 27%と推定されている。2006 年の農業労働人口は全労働人口の 75.2%であった。

(2) 主食におけるコメの位置づけ

FAOSTAT によれば、2003 年のコメの国内供給量は 631,100 ton で、乾物ベースでの主食供給総量 7,548,500 ton の 8.4%に相当する。2006 年のコメの輸入量は 94,200 ton、輸入額は US$22.5 million で、主食輸入総額の 6.9% である。

(3) コメの生産と需給バランス

1998 年から 2007 年の 10 年間の年間コメ生産量は増加の傾向を示しているが、籾ベースで 778,400 ton と 1,240,000 ton の間で変動している。一方、同期間のコメの輸入量は精米ベースで年間 76,500 ton から 194,300 ton の間で大きく変動している。2003 年の自給率（供給量に対する生産量の割合）は 68.7%であり、2003 年の一人当たりのコメ消費量は 15.9 kg であった。

(4) コメの栽培環境

(a) 大部分の米作農民（女性、男性および若者）は小自作農民で、自家消費のために生産するが、余剰があれば消費者に直接あるいは預かり証券制度が運用されている地域共同体を通して販売する。農場の規模は 0.5 ha から 3 ha であるが、ムベヤ（Mbeya） とイリンガ（Iringa）州には 3 つの大きな米作農場がある。これらの農場は国立農業食料会社 (NAFCO)によって運営されていたが、今は民営化されている。

(b) 加工業者（精米業者）は生産地におり、その規模は中規模から大規模のものである。籾を精米に加工する中規模の業者は生産地近くの都市中心部にいて、男性や女性の事業家が所有している。精米機械の性能は 3 段階に分けられ、プレミア米（小石や砕米の混入がない白米)、標準米（砕米が半量混入)、通常米（砕米が 3／4 混入）である。大規模加工業者は 3 社あり、Mbeya 州のカプンガ（Kapunga）およびムバラリ（Mbarali）精米所（ライスファーム）と Iringa 州のマディビラ（Madibira）精米所である。これらの業者は自社農場のコメと近辺の農家から集めたコメを加工する。

(c) 籾や精米の商人は全国にいて、男性も女性もかかわっている。籾の販売は生産地に集中しており、精米の販売は通常生産地とそこから離れたマーケットでの卸売りや小売で行われる。精米の値段は卸売りと小売りにかかわらず、同量の籾よりも値段が高い。米商人は消費者に好まれる小パッケージに詰め、業者の住所、トレードマーク、商品名と有効期限をつけて流通させる。これはスーパーマーケットで販売されているコメに共通である。販売価格を高くするため、アロマティックと非アロマティックの米が混合されるのが普通である。小売りやオープンマー

ケットでは通常ジュート袋で販売される。精米は近隣諸国に輸出され、男性の業者が扱うのが普通である。県議会によって生産地の籾や精米の商人に対して 5%未満の穀物税が課税される。国内および国外マーケットを開拓する余地はまだあると思われる。(NRDS-Draft, April 2009 から引用)

(5) 稲作関連プロジェクトの分類

タンザニアで収集した稲作関連プロジェクト総数は 9 件である。プロジェクトを稲作中心プロジェクトとその他のプロジェクトに分類し、以下に示した。

稲作中心プロジェクトおよびその他のプロジェクト分類

プロジェクトの焦点	プロジェクト数
稲作中心	7
その他	2
合計プロジェクト数	9

稲作中心プロジェクトは 7 件、その他プロジェクトは 2 件である。

実施段階別に分類すると、以下に示すように、実施中のものが 7 件、実施済のものが 2 件ある。

実施段階別のプロジェクト分類

プロジェクト実施段階	プロジェクト数
計画中	0
承認済	0
実施中	7
実施済（2004 年以降）	2
不明	0
合計プロジェクト数	9

タイプ別に分類すると、以下に見られるように無償と技術協力案件が 4 件ずつ、1 件が有償である。

タイプ別のプロジェクト分類

プロジェクトタイプ	プロジェクト数
無償	4
有償	1
技術協力	4
国家予算	0
不明	0
合計プロジェクト数	9

プロジェクトを活動領域で分類すると、下表に見られるとおり、潅漑が 7 件で扱われており最も多く、次いで研究開発および普及/研修が 4 件ずつ、生産が 3 件、流通と種子が 2 件ずつ、そして政策、収穫後処理、および金融が 1 件ずつで扱われている。

活動領域別のプロジェクト分類

プロジェクト活動領域	プロジェクト数（複数回答）
政策	1
研究開発	4
普及／研修	4
生産	3
流通	2
収穫後処理	1
灌漑	7
金融	1
種子	2
その他	3
合計プロジェクト数	9

9 件にかかる合計費用は、以下に示すように US$334 million 相当額である。3 件は US$500,000 未満であり、1 件が US$10 million 以上である。残り 5 件は、それらの間に分布している。

事業費別のプロジェクト分類

事業費	プロジェクト数
<US$500,000	3
<US$1,000,000	2
<US$5,000,000	1
<US$10,000,000	2
>US$10,000,000	1
不明	0
事業費が示されたプロジェクト数	9
合計費用（US$換算）	334,000,000

(6) 主要ドナーによるプロジェクト

世銀、IFAD と JICA はコモンバスケットへの拠出を介してタンザニア政府を支援している。ドナーはこの基金の利用計画に対して助言ができるが、利用については政府が全責任を持っている。

世銀はまた、農業と地域コミュニティの開発・改善に係わる 2 つのプロジェクトを実施している。さらにまた育種家種子を生産するため研究機関を支援し、改良品種の種子増殖と流通の推進のため種子会社や農家の支援も行う計画である。このプロジェクトでは、タンザニアにイネに関する研究拠点（COE）の設置が提案されている。優先研究分野は、(i) 病害虫など生物的ストレス抵抗性育種および乾燥、低温、塩類、毒物などの非生物的ストレス抵抗性育種、(ii) 遺伝資源の収集と特性評価、(iii) 土壌、水、害虫に対する総合的な生産管理、(iv) 収穫後処理、流通、付加価値増加、(v) 労働軽減のための技術開発となっている。（East Africa Agricultural Productivity Project - Environmental and Social Management Framework, Final Draft, Tanzania から引用）

IFAD は潅漑開発と人材育成を通して稲作農民をサポートしている。また、IRRI に対して育種と病害コントロール研究の推進のため無償資金協力を行っている。

JICA は農業セクターでは 2 つの技術協力プロジェクトを実施中である。一つは、 (i)県農

業開発計画（DADP）潅漑事業ガイドライン策定・訓練計画で、もう一つは（ii）潅漑農業技術普及支援体制強化計画である。2 案件ともイネ栽培を中心とする潅漑農業開発と関連しているが、前者は、潅漑スキーム開発のための技術、行政手続き、関連書類作成等に重点を置き、後者は、既存潅漑スキームがある地域で水稲栽培技術のコア農民への普及を介した末端農民への普及を主な目的としている。一方、ザンジバルでは、規模は小さいが、日本の草の根無償資金協力によって水田の再開発が行われた。

アガ・カーン基金（AKF）も農民と民間セクターの協力関係を仲介することによって米の流通を促進し、農民の収入向上を目指す 7 年間のプロジェクトを開始した。優良品種、水利用と除草の技術、農業資材の供給などを組み合わせ、同財団のマダガスカルでの経験をもとに、生産性を 4 倍に高めることをねらっている。

ロックフェラー財団と IAEA/FAO はそれぞれ農業研究機関の研究をサポートしている。ロックフェラー財団は、タンザニアにおけるイネ黄斑ウイルス（RYMV）抵抗性品種の育種を通じた生産性向上の遺伝的強化研究を、また IAEA/FAO はザンジバルにおける 放射線育種とバイオテクノロジーによるイネ品種の改良のための研究を支援している。

(7) ドナー協調

タンザニアにおいては農業セクター開発プログラム（Agricultural Sector Development Program, ASDP）のもと、援助協調が行なわれており、稲作関連のプロジェクトも同枠組みに位置付けられる形で実施されている。

(8) NRDS とコメ関連プロジェクトとの関連性

NRDS によれば、天水田の一部を潅漑水田に開発する計画である（最初の 5 年間で 63,000ha、次の 5 年間でさらに 55,000ha）。農業セクター開発プログラム（ASDP）予算の 75%が県レベルの農業開発計画に使用されることとなっているが、その実施が可能となる十分な予算の確保が必要である。

2.2.12　ウガンダ

(1)　社会経済

ウガンダの 2007 年における GDP は US$11.2 billion であり、1 人当たり GDP は 2005 年で US$303 であった。GDP に占める農業セクターの割合は、2008 年において 29.0%であった。また、労働力人口の 75.8%が農業セクターに従事している。

(2)　主食におけるコメの位置づけ

FAOSTAT によれば、2003 年におけるコメの国内供給量は乾物ベースで 120,200 ton であった。これは全主食作物の国内供給量 7,424,100 ton の 1.6%を占める値である。2006 年におけるコメの輸入量は 50,900 ton、輸入額はで US$148 million であり、主食作物輸入総額のわずか 5.0% を占めるのみである。

(3)　コメの生産と需給バランス

ウガンダにおけるコメの生産量は年々増加しており、1998 年に籾換算で 90,000 ton であったのが、2007 年には 162,000 ton に達した。この期間、イネの栽培面積は、64,000 ha から 119,000 ha に増加したのに対し、単収は、1.3 ton/ha から 1.5 ton/ha の範囲でほとんど変化しなかった。すなわち、ウガンダにおけるコメの生産量増加は、主に栽培面積拡大によって達成されたものである。1 年 1 人当たりのコメ消費量は、年ごとのばらつきは見られるものの増加傾向にあるが、2003 年現在で 5 kg まで至っていない。コメの輸入量は、年ごとのばらつきが大きく、明確な増加傾向は示されていない。ウガンダの 2003 年におけるコメ自給率は 60.5%であった。

(4)　コメの栽培環境

稲作は、ドーホー灌漑スキーム（DRS）が整備されたことにより、ウガンダ農業の中で重要な位置を占めるようになった。最も稲作が盛んなのは東部地域であり、次いで西部地域が挙げられる。現在、ウガンダの稲作の約 80%は小規模農家によって行われているが、一部では大規模な商業的稲作もおこなわれている。ウガンダでは、ネリカが急速に普及しており、その栽培面積は 2002 年の 1,500 ha から 2007 年には 30,000 ha に増加した。ウガンダは、ネリカ普及の先進国として注目されている。

(5)　稲作関連プロジェクトの分類

ウガンダで確認された稲作関連プロジェクトは 17 件であった。それらプロジェクトを稲作中心プロジェクトとその他のプロジェクトに分類し、以下に示した。

稲作中心プロジェクトおよびその他のプロジェクト分類

プロジェクトの焦点	プロジェクト数
稲作中心	7
その他	10
合計プロジェクト数	17

稲作中心プロジェクトは 7 件、その他プロジェクトは 10 件である。

実施段階別に分類すると、以下に示すとおり、実施中が 10 件、実施済が 6 件、承認済が 1 件であった。

実施段階別のプロジェクト分類

プロジェクト実施段階	プロジェクト数
計画中	0
承認済	1
実施中	10
実施済（2004 年以降）	6
不明	0
合計プロジェクト数	17

タイプ別分類は以下に示すとおりであるが、無償が 5 件、有償が 6 件、技術協力が 7 件であった。このうち、1 件は無償と有償を組み合わせた案件である。

タイプ別のプロジェクト分類

プロジェクトタイプ	プロジェクト数（複数回答）
無償	5
有償	6
技術協力	7
国家予算	0
不明	0
合計プロジェクト数	17

活動領域別にプロジェクトを分類した。以下に見られるように、14 件が普及/研修を取り扱っており最も多く、次いで 13 件が生産を、11 件が収穫後処理を、10 件が流通を、5 件が種子と研究開発を、4 件が灌漑および金融に関する取組を行っている。政策に関する取組を行っているプロジェクトは認められなかった。

活動領域別のプロジェクト分類

プロジェクト活動領域	プロジェクト数（複数回答）
政策	0
研究開発	5
普及／研修	14
生産	13
流通	10
収穫後処理	11
灌漑	4
金融	4
種子	5
その他	1
合計プロジェクト数	17

稲作関連プロジェクト 16 件の事業費総額は約 US$414 million と推定される。予算が US$10 million 以上のプロジェクトは 8 件、US$1 million 以上 US$5 million 未満は 4 件、US$500,000

以下は 3 件、US$5 million 以上 US$10 million 未満は 1 件であった。

事業費別のプロジェクト分類

事業費	プロジェクト数
<US$500,000	3
<US$1,000,000	0
<US$5,000,000	4
<US$10,000,000	1
>US$10,000,000	8
不明	1
事業費が示されたプロジェクト数	16
合計費用（US$換算）	414,000,000

(6)　主要ドナーによるプロジェクト

ウガンダにおいて稲作関連プロジェクトに携わっているドナーは 16 機関であった。以下に主なドナーの活動を紹介する。

ウガンダでは、ネリカの普及振興に関するプロジェクトが多数行われている。

FAO は、2006 年以来、日本の無償資金協力によりウガンダにおけるネリカの普及に取り組んできた。

UNDP は、ネリカの普及に関するプロジェクトを 2004 年 2006 年に実施した。このネリカ普及プロジェクトは、ウガンダ副大統領のイニシアティブによって形成され、その後、UNDP に引き継がれている。ここでは、私企業の設立および活動に対する支援を通したネリカ普及が行われている。

JICA は、ウガンダの稲作振興に対する協力に力を入れており、現在、3 件の稲作プロジェクトを実施している。それらでは、(i) 技術研修や試験研究を通じた、ネリカの生産性向上と人材育成、(ii) 持続的灌漑稲作技術の導入を通じた生産性向上、(iii) ネリカ研究および研修センター建設、が行われている。

USAID は、総合的農業・農村開発プロジェクトにおいて、ネリカ普及に関する取り組みを開始し、その後もネリカの普及振興が行われている。USAID はバリュー・チェーン・アプローチを重視しており、ネリカ振興に関しても生産から収穫後処理、販売まで支援対象としている。

世銀は他の多数のドナーと共に大規模な農業普及プログラムを実施している。この中に稲作普及活動が含まれている。

(7)　ドナー協調

ウガンダにおけるネリカ振興に関しては、2000 年代前半から、援助機関が協力して取り組んできた。ウガンダ副大統領も積極的にネリカの普及を推進してきた。

ウガンダの稲作発展のため、農畜水産省は、2008 年の 2 月にイネ開発事務局を設置し、農畜水産省が管轄するコメ関係プロジェクトの調整、情報の収集・提供などを行っている。イネ開発事務局は、2006 年に設置されたイネ関係事項に関する意思決定機関であるイネ運

営委員会の実施組織として位置づけられる。イネ運営委員会は、農畜水産省、国立農業研究機関、FAO、JICA に加え、イネ関係業界、稲作農家、イネ流通販売事業者などの代表者によって構成される。

(8)　NRDS とコメ関連プロジェクトとの関連性

ウガンダの NRDS には、灌漑水田を 2018 年までに倍増することが戦略として挙げられている。しかし現状では、灌漑水田の拡大や新規開発に関するプロジェクトはほとんどない。

2.3　地域プロジェクト

稲作関連プロジェクトは、各国の特定地域を対象とする案件の他、複数の国々を対象とした、あるいは複数国を含む地域を対象とした案件がある。本調査ではこのようなプロジェクトを 17 件確認した。

このうち、以下に示すように、稲作中心案件は 12 件、その他稲作関連案件は 5 件であった。

稲作中心プロジェクトおよびその他のプロジェクト分類

プロジェクトの焦点	プロジェクト数
稲作中心	12
その他	5
合計プロジェクト数	17

実施段階別では以下のように、13 件が実施中であり、4 件が承認済であった。

実施段階別のプロジェクト分類

プロジェクト実施段階	プロジェクト数
計画中	0
承認済	4
実施中	13
実施済（2004 年以降）	0
不明	0
合計プロジェクト数	17

タイプ別に分類すると、17 件のうち 13 件は無償、1 件は有償、5 件は技術協力であるが、無償の 1 件は有償を伴い、別の 1 件は技術協力を伴っている。

タイプ別のプロジェクト分類

プロジェクトタイプ	プロジェクト数（複数回答）
無償	13
有償	1
技術協力	5
国家予算	0
不明	0
合計プロジェクト数	17

活動領域別に分類した結果は以下に示すとおりである。普及/研修が 11 件で扱われており、最も多く、次いで、研究開発が 9 件、生産が 7 件、潅漑が 4 件などとなっている。

活動領域別のプロジェクト分類

プロジェクト活動領域	プロジェクト数（複数回答）
政策	2
研究開発	9
普及／研修	11
生産	7
流通	3
収穫後処理	3
灌漑	4
金融	2
種子	2
その他	5
合計プロジェクト数	17

事業費が示された 16 件の合計事業費は US$442 million である。このうち、US$500,000 未満のプロジェクトは 3 件、US$500,000 以上、US$1 million 未満は 3 件、US$1 million 以上、US$5 million 未満は 4 件、US$5 million 以上、US$10 million 未満は 1 件、US$10 million 以上は 5 件となっている。

事業費別のプロジェクト分類

事業費	プロジェクト数
<US$500,000	3
<US$1,000,000	3
<US$5,000,000	4
<US$10,000,000	1
>US$10,000,000	5
不明	1
事業費が示されたプロジェクト数	16
合計費用（US$換算）	442,000,000

これら地域プロジェクトの概要を、以下、ドナー別に概説する。

IRRI は中期計画の下で７つのプログラムを実施しているが、その一つはアフリカの飢餓撲滅に貢献するためのプログラムである。モザンビークにある IRRI 東部および南部アフリカ地域事務所は、ブルンジ、ケニア、モザンビーク、ルワンダ、タンザニア、およびウガンダをカバーしているが、現在、研究を基礎とした総合プログラムを実施している。その活動内容は、(i) コメ産業を支援するための優先的研究課題および政策の選択肢を決定すること、(ii) 地元の病害虫に対して耐性を有し、市場に受け入れられる品種の選抜および開発、(iii) 持続的生産技術および収穫後処理技術の評価および展示、(iv) イネ研究者、技術者および普及員の能力改善である。このプログラムは、IRRI 自身の予算の他、IFAD、ビル・メリンダゲイツ基金、ポルトガル政府、USAID から支援を受けている。

アフリカ米センター（WARDA）は、研究活動を通じ、アフリカのコメ生産国へイネの新品種の紹介や新しいイネ栽培技術普及等の支援を行っている。ネリカ品種の原原種種子（Foundation seeds）の増殖、稲作技術およびイネの生育モニタリングの移転は JICA を通じて派遣された日本人専門家によって行われている。

AGRA はロックフェラー基金の支援を受け、コメを含む食用作物の改良品種を小規模農民に分配する種子システム開発推進のためのプログラムを実施している。対象国はタンザニア、ウガンダ、エチオピア、ザンビア、マリ、ブルキナファソ、ケニア、ナイジェリア、およびガーナである。

AGRA は、ガーナ大学とアメリカのコーネル大学の協力の下、今後 10 年間で西アフリカ諸国の育種分野の 40 名の博士課程在籍者を研修するプログラムを実施している。現在、ガーナとナイジェリアを含む 5 ヵ国から 8 名を受け入れて研修を行っている。

笹川グローバル 2000（SG2000）は、日本財団の支援を受け、現在マリ、ナイジェリア、ウガンダを含む 4 ヵ国において、コメを含む食用作物の増産の実現に貢献するため、農業プログラムを実施している。このプログラムでは、食用作物の新品種を導入し、その栽培技術を農民および普及員に普及している。また業者を訓練し、種子、肥料等の投入財の流通・分配システムを開発している。さらに、収穫後処理作業を改善するため、小規模機械を開発導入している。これらの活動を通じ、各国政府に対して農業政策の改善策を提言するアドボカシー活動を行っている。

世銀は東アフリカ地域の 4 ヵ国を対象に、研究機関に対し育種家種子（Breeder seeds）の生産を支援し、種子会社および農民に対し改良品種種子の増殖と販売に関する助言および支援を行うプロジェクトを実施している。このプロジェクトでは、対象の 4 ヵ国、ウガンダ、エチオピア、ケニア、タンザニアが、それぞれキャッサバ、コムギ、小規模酪農およびコメに関する、卓越した CEO を設置する提案を行っている。コメについては、研究の優先課題は、(i) 生物的ストレス（病害虫）および非生物ストレス（乾燥、冷害、塩および養分過剰）耐性品種の育種、(ii) 遺伝資源の収集および特徴付け、(iii) 土壌、水、病害虫の総合管理および生産、(iv) 収穫後処理、販売、付加価値付け、(v) 省力技術開発

世銀はセネガル川流域の合理的かつ持続的水資源開発およびその利用に関するセネガル川開発機構（OMVS）への支援を通じて、流域にまたがるセネガル、マリ、ギニア、モーリタニアを支援している。このプロジェクトには稲作のための潅漑開発および水管理が含まれる。

USAID は前大統領のイニシアティブの一つとして、ナイジェリア、マリ、セネガル、ガーナの小規模農民が、食料安全保障の強化のために、優良種子および肥料と共に作物栽培管理技術へのアクセスを持つための支援を行っている。

USAIDはまた、西アフリカ諸国を対象に (i) 生産拡大による費用削減、(ii) 地域組織を通じた食糧安全保障対応力の構築、および (iii) アフリカ飢餓終結イニシアティブ（IEHA）並びに包括的食料安全保障対応（GFSR）の支援、を目的としたプロジェクトを実施している。プロジェクトの一環として、マリ、リベリア、ナイジェリア、ガーナ、セネガルを対象に、食料安全保障改善および農村所得向上に資するための多層的かつ包括的な調査を実施している。この調査は、7つから9つの食用作物について、流通過程における付加価値連鎖（value chain）分析を含んでいる。

日本政府は、文部科学省と農林水産省の予算により、コメセクター開発に必要な能力向上のための地域プログラムを、多数実施している。文部科学省はアジアにおける生態技術を基礎とした水田開発を推進し、アフリカに緑の革命を実現させるための技術研究プロジェ

クトを支援している。農林水産省は、コメ増産に貢献するために、複数の稲作関連プロジェクトをアフリカ諸国で実施している、あるいは計画中である。それらのプロジェクトの目的は、(i)アフリカのイネ研究者をアフリカで研究活動に従事している日本人研究者の下に派遣し、協働作業を通じて技術移転を行う、(ii)河岸低湿地（IVS）を開発するための理想的技術の開発、（iii） 南南協力の推進、(iv)農民組織強化、(v) 貧困削減のための稲作を基礎とした農村開発、（vi）土壌肥沃度改善等である。さらに、財務省は、世銀に対し、稲作振興のためにUS$100 millionを拠出することを計画している。

第3章　今後の CARD プロセスへの提言

前章で述べた調査結果、および聞き取り結果を基に、以下、アフリカ稲作振興のための共同体（CARD）プロセスへの提言を行う。

(1)　NRDS を基本とした稲作振興 10 カ年実施計画の策定

まず、CARD 支援候補第 1 グループの 12 ヵ国において、CARD の目的を達成させるための努力を、原則的に各国の国家稲作振興戦略（NRDS）に沿って継続する必要がある。次の段階は、NRDS を基に、今後 10 年の稲作振興実施計画を策定することである。CARD プロセスの目標はコメ生産の倍増であるが、コメ分野全体の努力なしに目標は達成できない。全ての稲作関連プロジェクトは NRDS の枠組みの下で整理されることが必要である。

このためには、NRDS を再吟味し、関連分野の優先順位づけ、および特定の開発分野/地域の特定等、より詳細な戦略を立てる必要がある。その上で、具体的なプロジェクトを形成し費用見積を行うと共に、モニタリング・評価計画を立案する。

10 カ年実施計画は、各国政府の管理能力や人材を考慮しながら策定する。実施計画策定にあたっては、包括的アフリカ農業開発プログラム（CAADP）との整合を取る必要がある。シエラレオネでは、国家持続的農業開発計画（NSADP）を CAADP との整合をとりながら策定しており、NRDS は NSADP の一部として位置づけられている。

CARD 支援対象候補第 1 グループ国の政府は、実施計画の実施とモニタリング・評価に責任を負うが、NRDS の実施にはドナーの協力が必要であり、CARD プロセス全体を通じてドナーを巻き込む必要がある。

政府の計画能力に鑑み、JICA, FAO 等、CARD 運営委員会委員である機関は、各国政府のオーナーシップを尊重しつつ、他ドナーを巻き込みながら実施計画策定作業を先導すべきである。

NRDS および収集した稲作関連プロジェクト情報に基づき、CARD 支援候補対象 12 ヵ国について、コメ生産増加により貢献する農業生態系、関連プロジェクト、および、より重要な戦略をコメント共に以下に示した。

CARD 支援対象候補 12 ヵ国におけるコメ生産目標達成のために重要な農業生態系、関連する稲作関連プロジェクト、重要な開発分野およびコメント

国名	重要な農業生態系	関連するプロジェクト	より重要な開発分野	コメント
カメルーン	畑地	- Improvement of the competitiveness of rice in Central Africa (WARDA 等)	・研究：ファーミングシステム、農家経済、環境管理他 ・普及/訓練：陸稲栽培技術、営農他 ・市場･流通：共同仕入れ・出荷のための農民組織化 ・収穫後処理：収穫後処理施設整備	➢ 現状では陸稲生産を対象としたプロジェクトはほとんどない。 ➢ 陸稲生産振興のためにより多くの努力を払う必要がある。
ガーナ	天水低地	- Inland valleys rice development project (AfDB) - Development of low-input rice cultivation system in wetland in Africa (JIRCAS) - Materialization of West African rice green revolution by sawah eco-technology and creation of African SATOYAMA systems (日本文部科学省) - Project for Sustainable Development of Rain-fed Lowland Rice Production (JICA) - Rice Sector Support Project (AFD)	・研究：水管理、圃場整備、鉄過剰耐性品種選抜等 ・普及/訓練：稲作技術、営農他 ・農業機械化：圃場準備用の歩行耕耘機または役畜牛、除草機、脱穀機他 ・市場･流通：共同仕入れ・出荷のための農民組織化	➢ 多くのプロジェクトが同じガーナ側カウンターパートと共に近接地域で展開される。内容に重複が出ないようドナー間の調整が必要である。 ➢ 土地所有に係わる課題に対処する必要がある。
ギニア	畑地	- Project of NERICA dissemination (AfDB) - Support to "Post-Conflict Transition in Forest Guinea Region" (WFP、日本)	・研究：NERICA 種子増殖、ファーミングシステム、農家経済他 ・普及/訓練：NERICA 栽培技術、営農、輪作技術等 ・市場･流通：共同仕入れ・出荷のための農民組織化	➢ NERICA が初めて導入された国。しかしその後面積拡大は目立たない。 ➢ 森林ギニア地域は隣国の内戦を逃れた難民の影響で環境荒廃問題がある。

ケニア	潅漑	- Natural Resources Management Project (世銀) - Mwea Irrigation Development Project (JICA) - Irrigation, Drainage & Water Storage Experts (JICA)	・潅漑：新規開発および修復、水管理 ・普及・訓練：潅漑稲作技術	➢ 現行プロジェクトは NRDS の方向にほとんど合致している。 ➢ これまでの成果を基に、潅漑地のみならず、畑地におけるコメ増産を目指し、NERICA 普及行動計画を策定し、実施すべきである。
マダガスカル	不明	- 不適用	・研究：栽培環境に適合した改良品種の開発 ・普及/訓練：稲作栽培技術、営農、水管理 ・市場・流通：市場情報普及・米関係者情報交換の継続、貯蔵および運輸インフラ整備 ・収穫後処理：高品質米生産（完全粒、包装、不純物なし、等）	➢ ほぼ米の自給を達成し、今後輸出を計画している ➢ 輸出を目指すのであれば、輸送インフラや貯蔵施設開発が必要である。 ➢ 農民は米の品質の価値を理解する必要がある。
マリ	畑地、潅漑	- Niger 川沿いに多くの潅漑稲作プロジェクトがある - 陸稲のプロジェクトはほとんどない。	・研究：NERICA 品種の選抜、種子増殖、ファーミングシステム等 ・普及/訓練：稲作技術、水管理 ・重力潅漑の開発	➢ 陸稲栽培適地は確認済み。 ➢ Niger 川沿いの潅漑稲作は順調に進められてきた。開発費用を抑える意味では、上流域の支流で小規模の潅漑開発を進めるべき。
モザンビーク	潅漑	- いくつかの潅漑開発プロジェクトがある。 - 多くのプロジェクトが潅漑コンポーネントを有している。	・研究：栽培環境に適合した改良品種の開発、水管理 ・普及/訓練：潅漑稲作技術、水管理技術 ・市場・流通：共同仕入れ、共同出荷のために農民組織化、収穫物貯蔵施設	➢ 米分野開発計画はイタリアの支援により策定され、4 地域が稲作集積地と指定。 ➢ 潅漑開発戦略がドナーの協力により策定中。 ➢ 4 地区同時開発には、より多くの資金が必要である。
ナイジェリア	潅漑 天水低地	- Rehabilitation of small-scale irrigation schemes (FAO) - Materialization of West African rice green revolution by sawah eco-technology and creation of African SATOYAMA systems (日本文部科学省)	・研究：遺伝資源保存、新品種開発、参加型品種選定（PVS） ・普及・訓練：持続的水管理、水利組合、稲作技術 ・市場・流通：官民協力による商業的稲作 ・金融：輸入米関税の国産米生産への投資	➢ 政府は研究・普及および民間セクターを効果的に調整する必要がある。 ➢ 農民は水掛かり潅漑水田における水管理や小規模金融のために組織化し、商業的稲作を目指すべきである。

セネガル	潅漑	- 多くの潅漑稲作プロジェクトがセネガル川沿いに分布 - Project to Support Local Small-Scale Irrigation (PAPIL) (AfDB) - Anambé Basin Hydro-Agricultural Development Project Phase III (IsDB 等)	・市場･流通：貯蔵施設整備 ・潅漑：水管理 ・研究：肥料の合理的利用、小規模農業機械（刈取機）の開発等 ・普及/訓練：潅漑稲作技術、水管理 ・収穫後処理：分別機付き精米機設置	➢ セネガル川沿いの潅漑稲作は生産費は、揚水に化石燃料を使用し、施肥量も多いため、非常に高い。
シエラレオネ	天水低地	- なし	・研究：鉄過剰耐性品種、水管理 ・普及/訓練：稲作技術、排水技術、水管理、圃場造成 ・金融：投入財購入のための回転資金 ・市場･流通：肥料・種籾の時宜を得た供給 ・機械化：小規模機械の利用、機械の修理・維持システムの構築 ・収穫後処理：簡易・低費用施設の利用	➢ 普及員および農民は適正な稲作技術および水管理技術の訓練を受ける必要がある。 ➢ 農民は圃場準備（代かき・均平）および畦作り技術の訓練を受ける必要がある。 ➢ 極貧農民に、必要な農具を供与するべきである。
タンザニア	潅漑	- Technical cooperation for formulation and training of the DADP guidelines on irrigation scheme development (JICA) - Technical cooperation for supporting service delivery systems of irrigated agriculture (JICA) - Coastal rural support programme: rice intervention (Aga Khan Foundation 等) - Rehabilitation of irrigation infrastructure in Zanzibar (KOICA)	・研究：土壌管理、作物栽培管理、防除法 ・潅漑：伝統的潅漑地区の修復、新規潅漑開発 ・普及/訓練：潅漑稲作技術 ・市場･流通：農民組織強化による米の付加価値化を通じた販売促進	➢ 研究分野を研究者、施設、予算を拡充して強化すべきである。 ➢ 農業セクター開発プログラムは DADP による潅漑整備を支援すべきである。
ウガンダ	均等開発	- すべてのプロジェクト	・普及/訓練：潅漑稲作および陸稲栽培技術 ・潅漑：新規開発および修復、水管理	➢ ドナー支援により NERICA 栽培面積が急速に拡大 ➢ 米関連プロジェクト調整のために米産業開発事務局が組織される。 ➢ 潅漑開発は強化されるべきである。 ➢ 潅漑稲作における生産性向上を考慮すべきである。

(2) 共通の課題に対応するための地域アプローチ

稲作関連プロジェクトの中には、数ヵ国に共通する地域的課題に対応するための地域プロジェクトがある。一つの例として WARDA の調整の下、西アフリカ 4 ヵ国（ガーナ、セネガル、ナイジェリアおよびブルキナファソ）で実施されている地域研究プロジェクトがある。これは、80 にも及ぶ鉄過剰耐性イネ系統を一斉試験により、各国の鉄過剰が問題となる土壌を用いて栽培し、耐性の比較を行い、耐性のすぐれた系統を、鉄過剰耐性品種開発に利用しようというものである。この研究は、国際稲研究所（IRRI）との協働による、ストレス耐性イネプロジェクト（the Stress Tolerant Rice for Africa and South Asia (STRASA) project）の一環として行われている。研究成果は、同様な問題を抱える近隣諸国へも適用でき、期待されるインパクトは大きい。

上記のように、IRRI や WARDA のような国際研究機関は、稲作生産を阻害する、地域に共通した課題に取り組むために、複数の国の研究機関と協働・調整することに非常に重要な役割を果たす。

また、現地調査を通じ、米生産を阻害する要因として以下の 3 点が重要であることが認識された。(i) 優良種子が入手できない、(ii) 作物管理が不十分であること、特に圃場準備（代かきおよび均平化）が不十分である、および(iii) 農民が作物栽培暦を守らないこと。これらの課題は、各国共通の課題として CARD プロセスを通じて取り組むべきである。

育種家用種子、原原種種子は WARDA や IRRI で保存や増殖が可能であるが、原種種子や保証種子の増殖、品質管理および配布体制については、各国で整備する必要がある。農民は栽培した圃場からの種子の採取方法について訓練を受ける必要がある。

不十分な作物栽培管理下では、たとえ優良種子を使用したとしても、イネの生長は悪くなり、収量を低くする結果となり、また施肥効果を低めて収益を減じる。圃場準備技術、特に代かきおよび均平化技術は、適切に農民に伝えられなければならない。適正な排水は鉄過剰害を軽減する。作物栽培暦は農民が遵守しなければならない。これらを含む作物栽培技術は、パッケージ化し、指導書として普及員や農民への技術普及に利用すべきである。

WARDA はサブサハラアフリカ地域の内陸低地における総合稲作管理にかかる研修マニュアルを作成している。このような有用な訓練ツールは、より多くの指導者を養成して、より活用すべきである。

他の共通課題として、潅漑における効率的水利用、歩行用耕耘機、除草機、脱穀機、唐箕のような小規模農業機械開発が挙げられよう。西アフリカ各国の潅漑農業は、化石燃料を使用した河川からの揚水で行われており、このため一般に生産費が高い。米に競争力をつけ、付加価値を高めるには、慎重な水管理により節水し、水の費用を抑制することが必要である。革新的な低コスト潅漑稲作栽培技術を、草の根の農民とともに開発することも重要である。一方、高収量稲作を実現している潅漑地区を調査し、高収要因を探り、その好例を新しい潅漑地区に適用することも必要である。

機械化は民間セクターの参入を促し、自国での生産や修理、スペアパーツの供給が可能となるようにすべきである。これを可能にするためには、できるだけ早い時期から技術支援を開始すべきである。

(3) 根本的課題としての人材開発

CARD プロセスを通じて、コメ生産増加成功の鍵を握るのは人材開発である。稲作における人材開発（能力開発）の必要性については、すでに広く認識されている。実際、多くの実施中の稲作関連プロジェクトにおいて、能力向上に関わる活動が含まれている。稲作に関連する能力向上については、すべての層の関係者に対して進めるべきであり、普及員および農民に対しては短期的な視点、研究者に対しては長期的な視点にそれぞれ立った対応が必要である。

農民と普及員に対しては、基本的な知識としてイネの一生と農作業との関連を学ばせることで、作物栽培暦の理解が進む。稲作における地域特異的な問題については、参加型により、農民、普及員、および研究者が共同で解決に努力すべきである。

研究者の能力向上に関しては、アフリカ緑の革命同盟（AGRA）がロックフェラー財団およびビル・メリンダゲイツ財団の支援で、アフリカ種子体制のためのプログラム（PASS）を実施している。その中で、2007 年から 5 年の間に、アフリカの 170 の修士号を有する作物学者および 80 名の博士号を有する作物学者を、ガーナ大学、南アのクゥアズル-ナタル大学、およびアメリカのコーネル大学と協力して訓練することになっている。

日本政府は農水省を通じ、アフリカのコメ研究者およびコメには限らないが農業研究者をアフリカ、中南米およびアジアに滞在して研究活動を行っている日本の研究者の元に送り、共同作業を通じて能力向上を図るという事業を支援している。

このような努力は今後も継続する必要があるが、その一方で、稲作の一定レベルの知識や学識を共有するため、稲作教育課程を開発し、各層の稲作関係者を一様に教育することが必要である。稲作に関する基本的な学理や知識は全ての関係者に伝える必要がある。

(4) 各国レベルでの CARD プロセス全体の制度化推進

CARD 支援対象候補第 1 グループの 12 ヵ国は、稲作発展段階が異なるため、CARD プロセスは各国レベルで調整する必要がある。各国における稲作に関する特異的な課題や問題は、解決に向け、ドナーを含む稲作関係者全員で議論すべきである。

CARD 運営委員会のメンバー機関は、政府とドナー間の調整役を果たすことが必要である。ナイロビの CARD 事務局は全体の調整を行い、必要に応じ、特定の国の支援を行う。また、先に述べた地域に共通する課題に対応するため、国際研究機関や多国間援助機関と協力して、地域プロジェクト/プログラムの形成を主導することが期待される。

付属書1

CARD 支援対象候補第 1 グループ各国の稲作関連情報

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		Population（2007）÷Country area (2005)
（1997-2007average）Population growth rate (%)	FAOSTAT, Pop STAT, Annual Time Series	Annual population growth rate (%) from 1997-2007＝{(Population $_{1997}$/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	Agricultural population（2006）÷total population (2006)×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	• 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 Dé veloppement Rural (MINADER)	
Population (2005):	18,532,799				
Population density:	39	person/km^2	Research Institute:	Institut de Recherche Agricole pour le Développement (IRAD)	
Population growth rate ('97-'07 average.):	2.3	%	Agr. Policy Paper:	Stratégie de Développement du Secteur Rural (SDSR)	
Poverty rate (1990-2005 latest):	17.1	%			
GDP (2007):	20,644,331,520	US$	Domestic supply of staple food (2003):	3,292.2	(1,000 ton)
GDP per capita (2005):	1,034	US$	Domestic supply of rice (2003):	338.0	(1,000 ton)
GDP composition by sector (2008):			Percentage of rice in a staple food (2003):	10.3	%
Agriculture	43.5	%	Self-sufficiency ratio of staple food (2003):	106.3	%
Industry	16.0	%	Self sufficiency ratio of rice (2003)	12.2	%
Services	40.5	%	Import value of staple food (2006)	333,098,000	US$
Agric. population rate (2006):	45.4	%	Import value of rice (2006)	136,764,000	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)	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 environemnental 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			
Population density:	98	person/km^2	Research institute:	Crop Research Institute (CRI) & Soil Research Institute (SRI)
Population growth rate ('97-'07 average.):	2.2	%	Agr. Policy Paper	Food and Agriculture Sector Development Policy II (FASDEP II)
Poverty rate (1990-2005 latest):	44.8	%		
GDP (2007):	15,245,550,592	US$	Domestic supply of staple food (2003):	7,452.4 (1,000 ton)
GDP per capita (2005):	485	US$	Domestic supply of rice (2003):	490.4 (1,000 ton)
GDP composition by sector (2006):			Percentage of rice in a staple food (2003):	6.6 %
Agriculture	37.3	%	Self-sufficiency ratio of staple food (2003):	146.1 %
Industry	25.3	%	Self sufficiency ratio of rice (2003)	32.5 %
Services	37.5	%	Import value of staple food (2006)	261,784,000 US$
Agric. population rate (2006):	54.8	%	Import value of rice (2006)	95,225,000 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)	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 nantionwide, 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 appropritate 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, linkaging and training of key actors (small holder producers, processors, traders)
Credit	Identification of credit sources for farmers and perboilers (through microfinance institutions), traders and processors, current and past credit implementation to be reviewed for suitable adoption,
Post-harvest	Minimizing postpharvest loss and improvement of rice quality by improved rice mill, merketing by enhancement of prefered 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 crooping
Other	N/A

Country Profile Related to Rice: Guinea

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

Phsae 1 (- 2009):	- Support for local rice production on 76,700 ha, 83% of which are rainfed and 13% bas-fonds. - 11,686 ton of improved seeds, 64% of which are NERICA, and 16,641 ton of mineral fertilizer to be supplied
Phase 2 (- 2013)	- Development of 50,000 ha of mangrove, 40,000 ha of alluvial plains, and 10,000 ha of bas-fond with 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 (- 2018)	- Development of 160,000 ha of which 70,000 ha each are mangrove and alluvial plains and 20,000 ha 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
Population (2005):	37,530,726	
Population density:	65	person/km^2
Population growth rate ('97-'07 average.):	2.6	%
Poverty rate (1990-2005 latest):	23	%
GDP(2007):	29,508,593,664	US$
GDP per capita (2005):	547	US$
GDP composition by sector (2007):		
Agriculture	23.8	%
Industry	16.7	%
Services	59.5	%
Agric. population rate (2006):	72.6	%

Responsible Ministry:	Ministry of Agriculture	
Research institute:	Kenya Agricultural Research Institute (KARI)	
Agr. Policy Paper	Kenya National Rice Development Strategy	
Domestic supply of staple food (2003):	5,256.9	(1,000 ton)
Domestic supply of rice (2003):	225.8	(1,000 ton)
Percentage of rice in a staple food (2003):	4.3	%
Self-sufficiency ratio of staple food (2003):	87.6	%
Self sufficiency ratio of rice (2003)	12.0	%
Import value of staple food (2006)	342,223,000	US$
Import value of rice (2006)	62,968,000	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)	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 Peche	
Population (2005):	19,669,953				
Population density:	34	person/km^2	Research institute:	Foibe Momba ny Fiompiana ny Fambolena (FOFIFA)	
Population growth rate ('97-'07 average.):	2.9	%	Agr. Policy Paper	Politique de Développement Rizicole (2002), Programme Sectoriel Agricole (2008, Draft)	
Poverty rate (1990-2005 latest):	61	%			
GDP(2007):	7,326,431,744	US$	Domestic supply of staple food (2003):	3,479.5	(1,000 ton)
GDP per capita (2005):	271	US$	Domestic supply of rice (2003):	2,123.3	(1,000 ton)
GDP composition by sector (2008):			Percentage of rice in a staple food (2003):	61.0	%
Agriculture	26.0	%	Self-sufficiency ratio of staple food (2003):	106.4	%
Industry	15.9	%	Self sufficiency ratio of rice (2003)	88.0	%
Services	58.1	%	Import value of staple food (2006)	98,933,000	US$
Agric. population rate (2006):	71.6	%	Import value of rice (2006)	45,849,000	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)	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			
Population growth rate: ('97-'07 average.):	2.4	%	Agr. Policy Paper:	Action Plan for Food Production (PAPA); Development Strategy for the Rice Sector in Mozambique	
Poverty rate (1990-2005 latest):	36.2	%			
GDP(2007):	7,751,984,640	US$	Domestic supply of staple food (2003):	4,372.1	(1,000 ton)
GDP per capita (2005):	335	US$	Domestic supply of rice (2003):	297.0	(1,000 ton)
GDP composition by sector (2008):			Percentage of rice in a staple food (2003):	6.8	%
Agriculture	23.4	%	Self-sufficiency ratio of staple food (2003):	104.0	%
Industry	30.7	%	Self sufficiency ratio of rice (2003)	45.0	%
Services	45.9	%	Import value of staple food (2006)	318,839,000	US$
Agric. population rate (2006):	75.1	%	Import value of rice (2006)	96,300,000	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)	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 senario 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. Extention	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			
Population density:	160	$person/km^2$	Research institute:	National Cereals Research Institute (NCRI)
Population growth rate ('97-'07 average.):	2.5	%	Agr. Policy Paper:	National Food Security Programme
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/modernaization 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 participatry 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' participatry 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; Enhancning market infrastructure, packaging size, grading and strict quality control, martket 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-Provate Partnerships (PPP), better policy environment for rice sector development

Country Profile Related to Rice: Senegal

Total area (2005):	196,720	km^2
Population (2005):	12,411,094	
Population density:	63	person/km^2
Population growth rate: ('97-'07 average.)	2.7	%
Poverty rate (1990-2005 latest):	17	%
GDP(2007):	11,151,151,104	US$
GDP per capita (2005):	707	US$
GDP composition by sector (2008):		
Agriculture	16.0	%
Industry	19.4	%
Services	64.6	%
Agric. population rate (2006):	71.7	%

Responsible Ministry:	Ministère de l'Agriculture	
Research institute:	Institut sénégalais de recherches agricoles (ISRA)	
Agr. Policy Paper:	Le Programme National d'Autosuffisance en Riz (PNAR), La Loi d'Orientation Agro-sylvo-pastorale	
Domestic supply of staple food (2003):	2,304.1	(1,000 ton)
Domestic supply of rice (2003):	1,008.0	(1,000 ton)
Percentage of rice in a staple food (2003):	43.7	%
Self-sufficiency ratio of staple food (2003):	81.4	%
Self sufficiency ratio of rice (2003)	15.3	%
Import value of staple food (2006)	407,341,000	US$
Import value of rice (2006)	208,808,000	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)	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 subsity; - 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			
Population density:	82	$person/km^2$	Research institute:	Rokupr Agricultural Research Centre (RARC)
Population growth rate ('97-'07 average.):	3.3	%		
			Agr. Policy Paper:	National Sustainable Agriculture Development Plan (NSADP)
Poverty rate (1990-2005 latest):	57	%		
GDP(2007):	1,672,188,160	US$	Domestic supply of staple food (2003):	698.6 (1,000 ton)
GDP per capita (2005):	216	US$	Domestic supply of rice (2003):	420.3 (1,000 ton)
GDP composition by sector (2001):			Percentage of rice in a staple food (2003):	60.2 %
Agriculture	49.0	%	Self-sufficiency ratio of staple food (2003):	53.8 %
Industry	31.0	%	Self sufficiency ratio of rice (2003)	42.1 %
Services	21.0	%	Import value of staple food (2006)	44,585,000 US$
Agric. population rate (2006):	58.9	%	Import value of rice (2006)	24,533,000 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)	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 participatry methods, water infrastructure construction
Agr. Equipment	Private sector involvement in mechanization, use of imported equipment in the intended agro-ecologies, work-oxen training, accelarating 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 investiment, 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-hervest loss; General surveillance over the free commodity market operations, private sector marketing cooperatives, market informationm, rural road and merket constructionm, food safety
Other	Public institutions domestic rice only,

Country Profile Related to Rice: Tanzania

Country: **Tanzania**

Total area (2005):	947,300	km^2	Responsible Ministry:	Ministry of Agriculture, Food Security and Cooperatives (MAFC)
Population (2005):	40,432,163			
Population density:	43	$person/km^2$	Research institute:	Kilombero Agricultural Training and Research Institute (KATRIN)
Population growth rate ('97-'07 average.):	2.5	%		
Poverty rate (1990-2005 latest):	57.8	%	Agr. Policy Paper:	Agricultural Sector Development Strategy (ASDS)
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$	Domestic supply of rice (2003):	631.1 (1,000 ton)
GDP composition by sector (2008):			Percentage of rice in a staple food (2003):	8.4 %
Agriculture	27.0	%	Self-sufficiency ratio of staple food (2003):	104.8 %
Industry	22.7	%	Self sufficiency ratio of rice (2003)	68.7 %
Services	50.3	%	Import value of staple food (2006)	326,564,000 US$
Agric. population rate (2006):	75.2	%	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; (ii) enhancing access to and use of improved post harvest, rural travel and transport, processing, storage and marketing technologies; and (v) 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				
Population density:	128	$person/km^2$	Research institute:	National Agricultural Research Organization (NARO)	
Population growth rate ('97-'07 average.):	3.2	%			
Poverty rate (1990-2005 latest):	..		Agr. Policy Paper	Uganda National Rice Development Strategy (UNRDS) 1st DRAFT	
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 tennure	Reforms in land tenure and property ownership

付属書 2

各国における稲作関連プロジェクト
プロファイル

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 cou 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 multiplicators 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 multiplicators 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	**2** | | | 1. Grant, 2. Loan, 3. Technical Cooperation, 4. National budget, 5. Private sector
5. Fields covered (multiple selection)	**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. Socio-economic infrastructure
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 pomp, 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	**3** 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
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	**2** | | | 1. Grant, 2. Loan, 3. Technical Cooperation, 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)	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)	**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	**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	**5** | | | 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)	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)	**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	**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	**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 **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
10. Target beneficiaries	**Direct:** 1,156 groups (in which at least 30% are women's and youth groups) and at least 133,000 beneficiaries **Secondary:**
11. Project component (activities)	**1.** Support the production **2.** Support the marketing and sector's structure **3.** Management of knowledge and project coordination
12. Expected results (outputs)	
13. Inputs	
14. Implementing agency	**Leading:** MINADER **Cooperate:**
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) 10.
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	**Goal:** Contribute to the improvement of the food security in the Department of Logone and Chari **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
10. Target beneficiaries	**Direct:** **Secondary:**
11. Project component (activities)	**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	**Leading:** Provincial office of MINADER in Extreme North **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:

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	**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) 10.
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)	**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
13. Inputs	
14. Implementing agency	**Leading:** Provincial office of MINADER in Extreme North **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:

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	**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. Natural resource management
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	**5** 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)	**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' Patricipation 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 formidableFBOs 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 studies 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)	**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-aptitute ones developed in Brazil
12. Expected results (outputs)	**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)	**1-1.** Study on actual situation of rain-fed lowland rice production practice. **1-2.** Experiment on good practices of rain-fed lowland rice production and improve it. **1-3.** Develop manuals for package of sustainable rain-fed rice production practices. **2-1.** Improve access of farmers to agricultural inputs. **2-2.** Improve access of farmers to technical support. **2-3.** Organize and strengthen farmers' groups. **2-4.** Improve access of farmers to information on market. **3-1.** Find suitable locations for disseminating a new model for sustainable rain-fed lowland rice production. **3-2.** Set up demonstration fields within the Project areas. **3-3.** Train Agricultural Extension Agents and key farmers. **3-4.** Develop guidelines for dissemination procedure.
12. Expected results (outputs)	**1.** Package of sustainable rain-fed lowland rice production practice is **2.** Farming support system for sustainable rain-fed lowland rice production is established. **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.
13. Inputs	**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) **2.** Training for counterparts in Ghana, Japan or other country **3.** Equipment and vehicles necessary for the Projects; 4WD vehicles, Office materials, PCs
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, extentionists, 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)	**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)	**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	**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, Siguiri, 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	**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 **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
10. Target beneficiaries	**Direct** 66,000 families **Sec.:**
11. Project component (activities)	**1.** Development of community and agriculture **2.** Development of financial services **3.** Management and coordination of the project **4.**
12. Expected results (outputs)	**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

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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, Télimélé, 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-pastral 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, Kérouané
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 Traoré 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	**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.:** 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.
10. Target beneficiaries	**Direct** Ivorian refugees and Internally displaced people in FG (408,400) **Sec.:**
11. Project component (activities)	**1.** Assistance to Ivorian Refugees and IDP (food aid) **2.** Rehabilitation of rural infrastructure and strengthening of livelihoods (through food for work) in communities affected by refugees or by rebel incursions. **3.** Health and nutrition
12. Expected results (outputs)	**1.** Restoration of refugee camps through reforestation and establishment of village nurseries **2.** Rehabilitation of destroyed and/or damaged community infrastructures such as schools, health centers and wells **3.** Improvement of rural transport infrastructure such as roads and bridges **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 **5.** Various trainings (income generating activities, vocational training, functional literacy, etc.)
13. Inputs	**1.** Food (27,589 ton) and logistics **2.** Technical assistance
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 secto
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:** Minitry 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 o f Kenya's agricultural productivity and improvement o f the livelihoods o f its rural communities through the improved performance o f 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)	**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)	**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	**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)	**1.** Civil Works: 1.1 Construction of a pontoon based pumping system 1.2 Construction of two pumping stations and installation of 6 pumps 1.3 Construction of a sedimentation basin 1.4 Construction of new main canal and rehabilitation of existing canals 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 1.6 Bush clearing and preparation of irrigation field 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 1.8 Rehabilitation of existing and distribution of the domestic water supply to five villages **2.** Purchase / Rehabilitation of plant machinery: Provide plant and machinery and workshop equipment (Heavy and light plant, Agricultural machinery, tools etc.). **3.** 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. **4.** 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)	
13. Inputs	**1.** Cost of civil engineering work **2.** Purchase / Rehabilitation of machinery **3.** Personnel cost
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)	**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**
3. Project Location	Bungoma, Teso, Busia and Kisumu Districts
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 sources (Funding agency)	The Rockefeller Foundation
7. Budget	**Total:** USD 58,225
8. Project duration (dd/mm/yy)	**Start:** 03/01/2005 **End:** 28/02/2006
9. Goal and objectives	**Goal:** to evaluate the adaptability of NERICA rice varieties in different agro-ecologies and socioeconomic settings in Western Kenya **Obj.:** 1. To evaluate NERICA varieties in a participatory way both by on-station and on farm experiments 2. To avail good performing NERICA to the farming community in the shortest time possible through rapid seed multiplication 3. To identify attributes that influence farmer decision towards testing and adopting rain fed rice varieties
10. Target beneficiaries	**Direct** Farmers in western Kenya, Government and NGO extensionists **Sec.:** Purchase / Rehabilitation of plant machinery: Provide plant and machinery and workshop equipment (Heavy and light plant, Agricultural machinery, tools etc.).
11. Project component (activities)	**1.** 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 **2.** 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 **3.** Providing quality control services for seeds produced, local transportation and marketing services **4.** Training in NERICA production technologies **5.** Post-harvest handling, bookkeeping, sales and marketing by farmer
12. Expected results (outputs)	**1.** Promising NERICA varieties in different agro-ecologies and socioeconomic settings in Western Kenya selected **2.** Seeds of the selected NERICA varieties multiplied and be available to the farming community **3.** Attributes that influence farmer decision towards testing and adopting rain fed rice be identified.
13. Inputs	**1.** Activities cost (research, training, workshop, etc.)
14. Implementing agency	SACRED Africa in collaboration with KARI Kibos
15. Status of the project	**4** 1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed
16. Issues/problems	1. Limited seed is available for multiplication and distribution. 2. Need to reach out to many more farmers with information, suitability and performance of NERICA rice. 3. Lack of appropriate machinery for small scale farmers e.g. shellers, planters, threshers, mills etc 4. NERICA rice germplasm not yet registered and released officially to Kenyan farmers.

Keywords: Cultivation trials, NERICA, Seed production, Capacity building

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)	**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: 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: 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)	**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)	**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: 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)	**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 **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	**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	**Goal:** To reduce mortality and morbidity and improve the well-being of target group families living below the poverty line. **Obj.:** 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)	**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)	**1.** 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 **2.** 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

	3. Agricultural Services: 1) Increased Household Food production 1.1 Improved and sustainable crop/livestock production 2) ADGs 2.1 Establishment of ADGs as key access mechanism to target group producers through participation priorities 3) Partnership Development 3.1 Partnership arrangements with NGOs, bi-lateral, private sector and Government of Kenya service providers 3.2 Developing community-based service providers 4) Sustainable natural resource development 4.1 Rain fed agricultural and livestock development 4.2 Micro irrigation development **4.** Group Extension: 1) Establishment of viable and sustainable groups for project specific public heath, water supply, and on and off-farm income generation **5.** PAI: 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 **6.** Project Coordination: 1) To ensure the effective coordination, financial management and M&E of project activities
13. Inputs	**1.** Consultancy Services **2.** Goods **3.** Recurrent Cost
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	**Goal:** To contribute to poverty reduction through more productive, equitable and sustainable use of natural resources including agriculture **Obj.:** Visible accelerating land degradation processes are reduced, and equitable and sustainable use of natural resources is enhanced by 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	**Direct** 60,000 households **Sec.:**
11. Project component (activities)	**1.** 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.).
	3. 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 **4.** 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

	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)	**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	**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	**3** 1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed
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)	**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.** Marketing farmers produce **5.** Value Chain study
12. Expected results (outputs)	**1.** Increased rice productivity **2.** Improved farmers' livelihoods
13. Inputs	**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	**Goal:** Contribute to improvement in the farmers' livelihoods in the areas and to the increase in food self-sufficiency in Kenya **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
10. Target beneficiaries	**Direct** Farmers in the irrigation scheme **Sec.:**
11. Project component (activities)	**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 **2.** Procurement of agricultural machinery and equipments **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.** Management system for the operation and maintenance of the irrigation facilities improved. **3.** Rice productivity and rice distribution system improved.
13. Inputs	**1.** Cost of civil engineering work **2.** Provision of machinery and equipments **3.** Training of Kenyan personnel in Japan
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)	**1.** 1. Participatory Planning. 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.** 2. Pluralistic Extension. 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: 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)	**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 **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	**1.** 1 Japanese Side 1-1 Dispatch of experts 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 2-1 Assignment of counterpart personnel and administrative staff 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	**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	**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 (specify below) 10. Project formation
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	**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. **Obj.:** 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)	**1.** **TOR 1: To review and confirm the necessity of the project** 1.1 To identify current status and issues of agriculture sector in Kenya 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 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: 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.** Inception Report **2.** Interim Report **3.** Draft Final Report **4.** Final Report with summary
13. Inputs	**1.** **Japanese side:** 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	**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)	**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)	**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	**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)	**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	**2** | | | 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Fields covered (multiple selection)	**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)	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	**Goal:** **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
10. Target beneficiaries	**Direct:** Small farmers (target : 27,500 households) **Secondary:**
11. Project component (activities)	**1.** Capacity building of farmers **2.** Irrigation development **3.** Road network development **4.** Provision of micro-credit
12. Expected results (outputs)	**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	**Leading:** Ministry of Agriculture, Livestock and Fisheries **Cooperate:**
15. Status of the project	**4** 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
16. Issues/problems	Production of rice not sufficient Income from cash crops (mainly vanilla) fluctuated due to monopolized market (limited number of traders decice the price)
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	**Goal:** Increase the profitability of rice and competitiveness of the value chain of rice **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
10. Target beneficiaries	**Direct:** poor rice farmers in the region of Sofia **Secondary:**
11. Project component (activities)	**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 douing, 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	**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	**Leading:** PSSDRI **Cooperate:** AKF in Geneva
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	**3** 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 394,000
8. Project duration (dd/mm/yy)	**Start:** 2008 **End:** 2010
9. Goal and objectives	**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 **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
10. Target beneficiaries	**Direct:** Official seed control service (SOC) **Secondary:** National advisor of the seeds (CONASEM), Regional laboratories to analyse seeds
11. Project component (activities)	**1.** Finalization of the seed regulation and support its establishment **2.** Strengthening of human capacities and materials of the services in charge of control of the seed quality and homologation of the varieties **3.** Support to the production of improved seeds by GPS and CMS. **4.** Realization of a promotion campaign of the quality seeds **5.** Contribute to the implementation of the national seed strategy by preparing a project document sent to donors
12. Expected results (outputs)	
13. Inputs	**1.** Consultants (two international, one national) **2.** Laboratory equipment **3.** Motorcycle **4.** Consumables
14. Implementing agency	**Leading:** SOC, 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)	**Program of Fight against Erosion (PLAE)**
3. Project Location	Diana, Sava, Boeny, Amoron'i Mania, Atsimo Andrefana, Andapa et Ambanja
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. watershed management
6. Fund source (Funding agency)	KfW Government of Madagascar
7. Cost	**Total:** Ariafy 5,487 million (agreed grant amount : EUR 9,033,875.64)
8. Project duration (dd/mm/yy)	**Start:** 2004 **End:** 2011
9. Goal and objectives	**Goal:** **Obj.:** Protection of watershed around the rice field with the concerned people for resucing sedimentatin of canals and rice field Contribute to the maintenance of rice production
10. Target beneficiaries	**Direct:** **Secondary:**
11. Project component (activities)	**1.** Implement erosion prevention measures in the sites where erosion is occurring **2.** Improvement of agro-pastoral techniques by the crops on slope **3.** Support to the securing land ownership of the treated areas against erosion **4.** Socio-organizational support to the target groups which implement the action **5.** Diffusion of the experience on regional and national scale **6.** Extension of the actions to other regions
12. Expected results (outputs)	**1.** The physical change: - Increase in the vegetative cover - Reduction of bush fire - Diminishment of sediments in the canal - Reduction of the maintenance cost of hydraulic agriculture network - Recovery of sedimented rice field **2.** Socio-organizational change: - Change of the behaviour of the target groups towards its environment. Appearance of the changes by the control of the thought, negotiation, decision, regulation, on the actions of the fight against erosion by themselves
13. Inputs	
14. Implementing agency	**Leading:** AHT Group AG **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: plae@blueline.mg

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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	**1** | | | 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Fields covered (multiple selection)	**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)	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	**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	**1** | | | 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Fields covered (multiple selection)	**3** | **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. Land tenure improvement
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	**Goal:** support a program designed to raise incomes by bringing the rural population from subsistence agriculture to a market economy. **Obj.:** secure formal property rights to land access credit and protect savings receive training in agricultural production, management and marketing techniques
10. Target beneficiaries	**Direct:** **Secondary:**
11. Project component (activities)	**1.** Formalize the land tenure system (e.g., titling and surveying), modernizing the national land registry, and expanding services to rural citizens **2.** 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 **3.** 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	**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	**1** | | | 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Fields covered (multiple selection)	**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)	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)	**1.** Collecte de toutes les informations sur le riz (production, rendement, prix du paddy, informations sur les intrants, etc.) **2.** Collecte d'information macro-économique. Cette opération devra se faire en é troite collaboration avec la DSI (MAEP); l'INSTAT; le Ministère de l'Economie, du Commerce et du Développement du Secteur Privé, le Ministè re des Finances et du Budget. **3.** Recueil des volumes d'importations et d'exportations et des prix internationaux. **4.** Élaboration des fiches techniques concernant la filière riz sur les thèmes particuliers **5.** Diffusion des informations brutes
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: 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	Ambohimahasoa
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	**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 **Obj.:** To establish a viable basis for irrigated agriculture and natural resources management To implrove the environmental sustainability of land management practices
10. Target beneficiaries	**Direct:** **Secondary:**
11. Project component (activities)	**1.** Development of commercial agriculture (1) Support to agricultural services (2) Support to private investment **2.** Irrigation development (1) Support to irrigation development (2) Irrigation investments **3.** Watershed development (1) Planning and capacity building for sustainable management of watersheds **4.** Program Management (1) Management of the project (2) Support to national policies (3) Monitoring and evaluation
12. Expected results (outputs)	
13. Inputs	
14. Implementing agency	**Leading:** AFD/WB/MAEP **Cooperate:** Ministry of Environment, Water and Forest Resources
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	**Goal:** Developper la production agricole et les revenus des producteurs Protéger l'environnement dans le cadre d'un systèm de production durable et productif **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 suseptible d'attirer d'autre partenaires financiers Promouvoir l'étuité en intégrant d'emblée dans le processus une approche prenant encompte les besoins des populations les plus pauvres et les plus marginalisées
10. Target beneficiaries	**Direct:** **Secondary:**
11. Project component (activities)	**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 pruduction 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	**1** 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Fields covered (multiple selection)	**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)	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	**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	**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. Fertilizer
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 Vakinakaratra, 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	**3** 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
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, Analanjirofo, 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	**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. **Obj.:** the production in the three regions of intervention is increased for beneficiary households.
10. Target beneficiaries	**Direct:** **Secondary:**
11. Project component (activities)	**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)	**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	**Leading:** ODDIT Toamasina, Caritas Antsirabe, BDEM Mananjary **Cooperate:**
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	**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)	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	**4** 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
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)	**Southeast Emergency Livelihoods Recovery Project**
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)	OFDA (Office for Foreign Disasters Agency) of the US Government
7. Cost	**Total:** USD 252,901
8. Project duration (dd/mm/yy)	**Start:** **End:**
9. Goal and objectives	**Goal:** **Obj.:** To help local farmers -who used to rely on cash crops (cloves and litchis) which prices dropped drastically – shift from cash crops to food crops that can also be sold and generate income (beans, rice, pulses, vegetable).
10. Target beneficiaries	**Direct:** 16,080 households **Secondary:**
11. Project component (activities)	Seeds distribution
12. Expected results (outputs)	**1.** 80,400 persons (approximately 16,080 households) have benefited from seeds distribution **2.** 72 ton of improved variety rice seeds have been distributed **3.** 25 ton of mixed pulses and vegetable seeds have been distributed **4.** 6,700 hectares planted using improved rice varieties
13. Inputs	rice and vegetable seeds
14. Implementing agency	**Leading:** CARITAS Farafangana **Cooperate:**
15. Status of the project	**4** 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
16. Issues/problems	For rice cultivation, it was mainly the water control that hindered the effect of the project. Most of targeted areas don't have operational irrigation and drainage schemes that allow them plant rice correctly. The construction/ rehabilitation of those systems were planned to be funded by other donors through Food for work activities but they were not implemented. For the other crops, no specific major issues were noticed.
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	**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. Watershed management, support to land tenure
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)	**1.** Mise en valeur et protection des ressources **2.** Appuis au renforcement des capacités **3.** Appui à la sécurisation foncière (gestion foncière décentralisée) **4.** Aménagements hydro-agricoles PC 15 Vallée Marianina
12. Expected results (outputs)	
13. Inputs	
14. Implementing agency	**Leading:** 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)	**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** | | | 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)	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** 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	**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. Development study on rural development and watershed management
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	**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** | | | 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)	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** | 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	**1** | | | 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 (reforestation and erosion control)
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	**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, Hamadja 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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Tel: 020-220 7391 Fax: 020-2207394

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	**Goal:** Sustainable development and improvement of living conditions of rural people **Obj.:** - 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	**Direct:** **Secondary:**
11. Project component (activities)	**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)	**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	**Leading:** Road authority and AGETIER, and the Program coordination unit **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: ydiarra@pnir.org

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Tel: 222 9194
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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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Tel: 2214499/2217220
Fax 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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e-mail: ssnsegou@yahoo.fr; s_semencier@hotmail.com

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	**4** | | | 1. Grant, 2. Loan, 3. Technical Cooperation, 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)	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	**3** | 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
16. Issues/problems	
17. Person in charge	Name: e-mail: kelemadaniel@yahoo.fr

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Fax	222-4036
e-mail:	kelemadaniel@yahoo.fr

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 strateties
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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e-mail: dngr@afribonemali.net

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	**Goal:** The program is part of dynamic water control for securing agricultural production and the diversification of revenue of rural people **Obj.:** Development of perennial or non-perrenial 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.
10. Target beneficiaries	**Direct:** **Secondary:**
11. Project component (activities)	Realization of the development of inland valley swamp
12. Expected results (outputs)	**1.** Development study of 34 inland valley swamps in the regions of Koulikoro, Kayés and Sikasso for an area of 200 ha (2005). **2.** Updated development of additional 27 inland valley swamps for an area of 1,100 ha. **3.** Development works at 4 sites in Sikasso region, 2 sites in Kayés region, and study of inland valley swamp in the two regions.
13. Inputs	
14. Implementing agency	**Leading:** National Directorate 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: 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 fours 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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e-mail: 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: adapatation 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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Tel: 262-0569
Fax 262-0349
e-mail: pdrn_mali@ier.ml

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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gaoussou.traore@ier.ml

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

1. Country	**Mali**
2. Title (Full name)	**Project of Infrastructures Rehabilitation of the World Food Program (WFP)**
3. Project Location	District of Bamako and Regions of Koulikoro, Kayes, Mopti, Tombouctou, Gao and Kidal
4. Type of project	**4** | | | 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: Storage
6. Fund source (Funding agency)	Government of Mali
7. Cost	**Total:** FCFA 604 million
8. Project duration (dd/mm/yy)	**Start:** 2003 **End:** 2007
9. Goal and objectives	**Goal:** To construct and rehabilitate infrastructures for stocking and managing WFP's food products in order to ensure their better conditions of conservation **Obj.:**
10. Target beneficiaries	**Direct:** **Secondary:**
11. Project component (activities)	**1.** Construction of warehouses **2.** Construction of offices
12. Expected results (outputs)	**1.** Warehouses (2) **2.** Offices (4)
13. Inputs	Equipment (4)
14. Implementing agency	**Leading:** Commissariat to Food Security **Cooperate:**
15. Status of the project	**4** | 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
16. Issues/problems	Financed 87% of total as of 31/12/07. Construction of the office in Tombouctou had been realised at 28%.
17. Person in charge	Name: e-mail: dnppmali@timbagga.com.ml

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Tel: 220-5422
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e-mail: dnppmali@timbagga.com.ml

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)	**1.** Purchase of cereals (mil, maize and sorgho) for the national stock of food secutiry (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:

Address: BP:1748 Bamako
Tel: 221-4953
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	**Goal:** **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 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.
10. Target beneficiaries	**Direct:** **Secondary:**
11. Project component (activities)	**1.** Operational and technical capacity building of populations for the development of their lands. **2.** Capacity building of decentralized structures **3.** Financing, management and coordination mechanisms
12. Expected results (outputs)	**1.** Hydro-agricultural development (610 ha) **2.** Establishment of areas for market gardening
13. Inputs	**1.** Permanent Vietnamese expert **2.** Motorcycle (20 units) **3.** Small equipments
14. Implementing agency	**Conduisant (leading):** National Department of Agriculture **Coopérant (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: addy@cefib.com

Address: Tel/fax: 252-1793
addy@cefib.com

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 areasB 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:
Tel: 228-1562

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

Office Address BP 06, Baguineda
222-7192/223-2956

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 countryand 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 mobylettes (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	**Goal:** To promote the agricultural development by securing the production, by diversifying crops in order to increase the production and the productivity. **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
10. Target beneficiaries	**Direct:** **Secondary:**
11. Project component (activities)	**1.** Improvement of the hydraulic network and water management **2.** Intensification of the agricultural production **3.** Improvement of the criteria of giving credits **4.** Protection of environment of the village irrigated areas/perimeters
12. Expected results (outputs)	
13. Inputs	
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	
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 m2
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 avec accessories (3) **2.** Rice huller (3) **3.** Thresher (6) **4.** Various equipments (ploughs, harrowers, 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	**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, 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	**3** 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.** Intitutional support
12. Expected results (outputs)	**1.** To regularize Retail distributor **2.** Rehabilitation of Rétail 4 **3.** Protection of the fala of Molodo **4.** Intitutional 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

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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	**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. 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)	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	**3** 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
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 Djenneé circle**
3. Project Location	Circle of Djenné (Region of Mopti)
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. Dissemination & Training 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seeds, 10. Other (below specified) 10: Preparation of the round table of donors
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	**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 (wareshouse, 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 Ténenou, 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	**Goal:** To contribute to the achievement of the objectives of the Strategic Framework for Growth and Poverty Reduction (CSCRP) and the Law of Orientation especially agricultural growth and poverty reduction in rural area. **Obj.:** 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 producjtion are created.
10. Target beneficiaries	**Direct:** **Secondary:**
11. Project component (activities)	**1.** Institutional development **2.** Rural Infrastructures **3.** Local development
12. Expected results (outputs)	**1.** Capacity building at the regionala 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	**Leading:** 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: Claude Moret e-mail: claudemoret@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 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)	**1.** Rehabilitating irrigation systems to intensify agricultural production **2.** Working with local banks and financial institutions to create appropriate linding 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 environmentsl 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, feedling 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	Nationewide
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, Wargeningen 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.** maitain 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 publid irrigation schemes in areas with high agronomic and economic potential (particularly in relation to urban area and market **4.** promotion of private sector irrigation schemes
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	**1** | | | 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Fields covered (multiple selection)	**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. Water resources management study
6. Fund source (Funding agency)	SIDA
7. Cost **8. Project duration (dd/mm/yy)**	**Total:** **Start:** 2008 **End:** 2012
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.** Develop a strategy of small and medium dam **2.** Assess and prioritize small and medium dams for the development of the Pungué river basin **3.** Identify the technical studies pre-required for investment
12. Expected results (outputs)	
13. Inputs	**1.** Consultants **2.** Equipment for the study
14. Implementing agency	**Leading:** ARA-Centro (Regional Water Administration) under the National Directorate of Water (DNA/MOPH) **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)	**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 opration (project coordination facilities and management faciliteis) **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)	**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)	**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	**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)	**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	**2** | | | 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 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)	EC
7. Cost	**Total:** USD 15.862 million
8. Project duration (dd/mm/yy)	**Start:** Not decided **End:**
9. Goal and objectives	**Goal:** To improve the food security situation and alleviate poverty amongst the rural population of Gaza and Inhambane Province **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: a) Rehabilitation, upgrading and development of new water infrastructure for agriculture and livestock; and b) Capacity strengthening among national implementing and support agencies concerned and farmer organizations.
10. Target beneficiaries	**Direct:** **Secondary:**
11. Project component (activities)	**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)	**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	**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	**Mozambique**
2. Title (Full name)	**Development Strategy for the Rice Sector in Mozambique**
3. Project Location	Nationwide
4. Type of project	**1** | | | 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private
5. Fields covered (multiple selection)	**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)	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 sect 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	**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 Opprotunities 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 Sec.:** Agricultural inputs marketers
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	**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)	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	**4** 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
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	**Goal:** Enhancement of food security and poverty reduction **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.
10. Target beneficiaries	**Direct Sec.:** Farmers, research institutes
11. Project component (activities)	**1.** Development of land for rice cultivation **2.** Supply and distribution of production inputs for rice **3.** Capacity building
12. Expected results (outputs)	**1.** 95 demonstration farms are established. **2.** 13,442 ha of land for rice cultivation is developed. **3.** Production inputs to benefit 12,764 farmers is provided. **4.** 25,283 agrochemicals and 5,199.11 tons of fertilizer are distributed. **5.** General training of 9,736 farmers in 655 sessions are carried out.
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 Sec.:** Farmers, processors and marketers
11. Project component (activities)	**1.** **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. **2.** **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. **3.** **Processing and marketing:** improved processing and storage techniques; etc. **4.** **Project management:** strengthening of existing cooperation/farmers groups; etc. **5.** **(WARDA-Nigeria)** Seed production for country-wide cultivation of Upland NERICAs and some *Oryza sativa* varieties
12. Expected results (outputs)	**1.** 81,505 R-Boxes and 250 units of back-carry sprayers are distributed to 36 States and FCT. **2.** Totally about 250 mt of rice seed, including NERICA1, is multiplied by NCRI and WARDA. 58 mt of foundation seed is produced by NSS. **3.** Rice farmers and extension experts are trained as trainers for rice production and processing technologies. **4.** 10 milling stations are constructed and training for the processing is carried out. **5.** (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 *Oryza sativa* seeds

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

1. Country	**Nigeria**
2. Title (Full name)	**Maximizing Agricultural Revenue and Key Enterprises in Targeted Sites (MARKETS)**
3. Project Location	Benue, Kwara, Ebonyi and Anambra States (rice)
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)	USAID
7. Budget	USD 25 million
8. Project duration (dd/mm/yy)	**Start:** June, 2005 **End:** June, 2010
9. Goal and objectives	**Goal:** Making agribusiness work for Nigerian farmers **Obj.:** To help transform Nigerian agriculture in selected areas from low-input/low-output, subsistence farming to commercially competitive agriculture. To support off-farm agricultural enterprises that enhance processing and value-added transformation and generate employment and investment opportunities.
10. Target beneficiaries	**Direct Sec.:** Smallholder rice farmers, agricultural inputs marketers, extension agents
11. Project component (activities)	**1.** To significantly increase the amount of sales and number of jobs along agricultural commodity value chains. **2.** To promote market-led agriculture, value-added processing and improved productivity. **3.** To work with various segments of the value chain to produce the greatest impact and generate maximum revenue. **4.** To identify targeted commodity value chains that ca benefit from technological packages, increased value addition through storage and processing, and significant commercialization supported by appropriate policy reforms.
12. Expected results (outputs)	**1.** Technical guidance to marketers for domestic rice is provided. **2.** Individuals engaged in rice value chain (agricultural inputs marketing, millers, marketing agents etc.) are trained. **3.** High quality rice for the domestic market is produced. **4.** 500,000 of farmers are participated. **5.** Revenue derived from both on-farm and off-farm activities reaches over USD 200 million.
13. Inputs	Partnerships are with: OLAM Nigeria Limited for sourcing raw materials locally through smallholder farmers and for producing finished rice that can compete with imported brands; State Governments for ensuring fertilizer supply and crop insurance; and commercial banks for provision of input credit to participating farmers and farmer associations.
14. Implementing agency	USAID through Chemonics International as the management company. 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	Less development of agri-dealers and mechanization; reluctant commercial banks

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)	**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 hepl 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)	**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, Rossland 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 Sec.:** About 65,000 smallholder rice farm families
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	**Goal:** Enhancement of food security and poverty reduction **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.
10. Target beneficiaries	**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 **Sec.:** Operators in charge of marketing and processing, input suppliers
11. Project component (activities)	**1.** **Land and Water Development**: i) water use and control; ii) rural infrastructures (dams) and iii) soil fertility management **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) **3.** **Community Development**: i) group development, ii) rural finance, iii) marketing and market information system; iv) nutrition and health **4.** **Management support**: i) NPFS project management support, ii) planning, monitoring and evaluation, iii) State level coordination, and iv) LGC level coordination
12. Expected results (outputs)	**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 **2.** Critical rural services in the project area are improved and access to these services by the farming community is facilitated. **3.** Community empowerment and group development are fostered and funding for community development projects is provided. **4.** Expertise and training as well as operational support for programme implementation is provided.
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	**Goal:** Promotion of domestic rice consumption and reduction of national rice importation **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.
10. Target beneficiaries	**Direct** Rice processors **Sec.:**
11. Project component	
12. Expected results (outputs)	**1.** Self-sufficiency in rice is achieved. **2.** Adequate markets for paddy and locally processed rice with improved quality are **3.** Participation of both private and public sectors in the rice value chain is promoted.
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 Sec.:** Rice farmers who engage in multiple or mixed and sole cropping
11. Project component (activities)	**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)	**Targeting Drought-avoidance Root Traits to Enhance Rice Productivity under Water-limited Environments**
3. Project Location	WARDA station in 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** | | | | | | | | | | | 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)	CGIAR: GCP (Generation Challenge Program)
7. Budget	USD 87,000 in 3 years
8. Project duration (dd/mm/yy)	**Start:** 2009 **End:** 2011
9. Goal and objectives	**Goal:** **Obj.:** To elucidate the mechanisms and integrate the knowledge of dehydration-avoidance root traits in rice in relation to crop performance under rain-fed lowland
10. Target beneficiaries	**Direct** NARES scientists **Sec.:**
11. Project component (activities)	**1.** Evaluation of Oryza SNP germplasm and other varieties at seedling stage for deep rooting ability under greenhouse condition, under stress and non-stress conditions **2.** F3 populations for seedling stage tolerance will be phenotype under upland condition for mapping **3.** Evaluation of some stress tolerant and high yielding breeding lines under rain-fed lowland conditions in IITA-Ibadan **4.** Screening of some candidate drought tolerant rice breeding lines under rain-fed
12. Expected results (outputs)	**1.** Development of the protocol to assist with molecular breeding for drought resistance **2.** Enhancement of the capacity of NARES researchers in the use of improved tools and methods for the genetic enhancement of drought resistance in rice
13. Inputs	
14. Implementing agency	IRRI in collaboration with WARDA-Nigeria
15. Status of the project	**3** 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
16. Issues/problems	Funds not yet received

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 fuud 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 abd 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 participati9ng 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 **8. Project duration (dd/mm/yy)**	**Total:** US$ 1,500,000 **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 Kobilo 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)	**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 andor 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)	**1.** Support for Decentralized Rural Development - 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 - 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 - 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

	4. Project Coordination, Monitoring and Evaluation - project coordination and financial management - the establishment and operation of the monitoring and evaluation system of the project
12. Expected results (outputs)	**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). **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. **3.** Each of the 110 RCs supported by the project set up their own Community Management Forum (CCG) which managed the implementation of infrastructure. **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 **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
13. Inputs	
14. Implementing agency	**Leading:** Ministry of Agriculture **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)	**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 drowned 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	**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 redulction 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, PEM e-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 Sec.:** Micro to middle scale farmers, youth, ex-combatants, women's group (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 experiment 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, M e-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** 1. Grant, 2. Loan,
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)	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** 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	**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)	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	**4** 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
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 apicultural 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 Formulation and Training of the DADP Guidelines on Irrigation Scheme Development**
3. Project Location	Morogoro, Kilimanjaro, Mbeya, and Mtwara Irrigation Zones
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** **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)	JICA
7. Cost	**Total:** USD 3,400,000
8. Project duration (dd/mm/yy)	**Start:** 02/2007 **End:** 01/2010
9. Goal and objectives	**Goal:** Irrigation development under DADPs is improved and promoted. **Obj.:** Capacities of the target Districts and Zonal Irrigation Technical Service Units for planning, implementation and O&M of irrigation schemes are enhanced
10. Target beneficiaries	**Direct:** Zonal/District staff in the four Irrigation Zones **Secondary:** Farmers in potential irrigation sites
11. Project component (activities)	**1.** Conduct applicability tests of the Guidelines for Irrigation Scheme Formulation for DADP ("Formulation G/L") **2.** Carry out residential training on the revised Formulation G/L **3.** Develop draft Implementation Guidelines on irrigation scheme development ("Implementation G/L"). **4.** Verify the draft Implementation G/L through assisting the target Districts with construction and/or rehabilitation of irrigation schemes in Morogoro and Kilimanjaro Irrigation Zones. **5.** Develop the Comprehensive G/L by revising and consolidating the revised Formulation G/L and Implementation G/L. **6.** Provide irrigation technicians/engineers in the target Districts and ZITSUs with training on the Comprehensive G/L. **7.** Propose a dissemination plan of the Comprehensive G/L including training programmes and institutional arrangements for capacity building and technical supports for District irrigation technicians.
12. Expected results (outputs)	**1.** 1. Practical technical guidelines on planning, implementation of irrigation scheme development, and O&M under DADPs ("Comprehensive G/L") are developed with stakeholders. **2.** Technical support systems for irrigation technicians at district level are strengthened.
13. Inputs	**1.** JICA Experts (long-term and short-term): Chief Advisor/Irrigation Development, Coordinator/Training Planning, Civil Engineering, Water Management, Participatory Planning, Engineering Works, O&M **2.** Training for counterparts on site and in Japan **3.** Equipments
14. Implementing agency	**Leading:** JICA **Cooperate:** Irrigation and Technical Services Division, Ministry of Water and
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: DADP, Irrigation, O&M

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	**3** | | | 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Field of support	**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 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	**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	**1** | | | 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Field of support	**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. 1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing
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)	**1.** Conduct countrywide disease surveys **2.** Prepare RYMV disease distribution maps **3.** Conduct studies on virus epidemiology, and develop relevant control strategies **4.** Analyze serological and pathological variability of the virus populations **5.** Screen for disease tolerant / resistant rice cultivars **6.** Develop farmer preferred RYMV resistant varieties **7.** Train students, extension workers and farmers
12. Expected results (outputs)	**1.** Disease distribution maps of different pathotypes established **2.** RYMV strains in Tanzania identified and characterized **3.** Pathogen-specific disease diagnostic tools developed and used for diagnosis **4.** RYMV resistant varieties identified, characterized and evaluated **5.** Farmer preferred, RYMV resistant varieties developed and made available to farmers
13. Inputs	**1.** Research funds **2.** Researchers **3.** Students **4.** Biotechnology laboratory and plant screening facilities **5.** Farmers and extension staff
14. Implementing agency	Agricultural Research Institutes, 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	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	**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. **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
10. Target beneficiaries	**Direct:** 1) Small-scale food insecure farmers (both men and women) **Sec.:** 2) Extension workers
11. Project component (activities)	**1.** 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.
	2. 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).

	2. 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.** 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)	**1.** 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.** 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.** 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	**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	**4** 1. Pipeline, 2. Approved, 3. Ongoing, 4. Completed
16. Issues/problems	• 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	**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. **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.
10. Target beneficiaries	**Direct:** 1) Small-scale food insecure farmers (both men and women) 2) Extension workers **Sec.:**
11. Project component (activities)	**1.** 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. 1.2.1 Formulate medium-term (four years) programme for the adoption of improved rice/NERICA-based farming systems in Northern Uganda **2.** 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. **3.** 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

	3.	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.
	4.	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)	**1.**	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.	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.	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.	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	**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	**1** 1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector
5. Field of support	**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 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	**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** | | | 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)	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** 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	**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 **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
10. Target beneficiaries	**Direct** Smallholder farmers, Small scale agro-processing industries **Sec.:**
11. Project component (activities)	**1.** Distributing NARIC3 rice seed to farmers on seed loan revolving basis **2.** Training the farmers in marketing of the rice **3.** Introducing rice to small scale agro-processing industries through linkages with the private sector **4.** Organizing the farmers in enterprise based associations for collective marketing of their produce, mobilizing savings and accessing credit
12. Expected results (outputs)	**1.** Smallholder farmers' production and productivity of upland rice for the market increased through provision of agricultural inputs and extension services. **2.** Smallholder farmers' incomes increased through improved access to existing and new rice grain and seed sustainable markets. **3.** Smallholder farmer's institutional capacity to competitively participate in the rice value chain built and strengthened. **4.** Project achievements, successes and challenges documented and disseminated for wider uptake by development initiatives in Uganda.
13. Inputs	**1.** Activity cost **2.** Personnel cost **3.** 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)	**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)	**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	**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)	**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)	**1.** Increased enterprise efficiencies 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 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 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	**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)	**1.** 1.1 Generation of Efficient Production Technologies 1.2 Promotion of Efficient Production & Post Harvest Technologies **2.** 2.1 Functioning Input Supply System 2.2 Seed Multiplied & Distributed **3.** 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.** 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.** 5.1 Improved Airport Handling System 5.2 Consolidation of Freight 5.3 Institutional Systems in Place
12. Expected results (outputs)	**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	**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, Kiruhuura, 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)	1. **Agricultural Commercialization** - 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.

	2. **Rural Infrastructure Development** · 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 3. **Community Mobilization** · Hold district and sub-county start-up workshops. · Train the Community Development Officers and Community Development Assistants. · Awareness creation and community mobilization. 4. **Programme Facilitation** · 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)	1. Increased involvement of the private sector in support of the further commercialization of smallholder agriculture. 2. Improved capacity among economically active farmers to organize themselves to gain better access to rural services (technical, financial and marketing). 3. Sustainable development and improvement of rural infrastructure. 4. Increased public-sector capacity to respond to production needs identified by interest groups/rural communities.
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, Kyenjoyo, Kabarole, Bundibugyo, Bugiri, Buliisa, Nakaseke, etc.
4. Type of project	**1** **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)	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.:** • 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)	**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)	**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 East200,000 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	**2** | | | 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)	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	**Goal:** Reduction of rural poverty through sustained increase of on-farm and off-farm income generating activities resulting from increased access to financial services. **Obj.:** Contribute towards the development of a sustainable and responsive rural microfinance industry through: (a) strengthening the institutional capacity and rural accessibility of Microfinance Institutions (MFIs); and (b) enhancing the rural population's capacity to access financial services for income generation.
10. Target beneficiaries	**Direct** Microfinance Institutions (MFIs) **Sec.:** 26,000 households
11. Project component (activities)	**1.** Promotion of Products Innovation: · 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: · 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: · 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: · 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: · Technical and business skills training · Functional literacy training · Radio programmes on business culture, HIV/AIDS, etc. · Exchange of experience by farmers, service providers

	6. Support to Apex Structures: · Training and provision of equipment · Financing of information programmes · Partial financing of AMFIU's operating costs after PY-3 **7.** MFI Upgrading Scheme: · Grants and advisory services to MFIs to support their transition to microfinance deposit-taking institutions **8.** Programme Administration and Monitoring: · Establish PAU and MIS · Contract implementing agencies · Carry out mid-term evaluation
12. Expected results (outputs)	**1.** Promotion of Product Innovations: The introduction of innovative financial products that enhance the benefit from rural financial services. **2.** Rural Area Penetration: Increased supply of microfinance services in rural areas through the expansion of viable service networks into under banked areas. **3.** Strengthening of Training Market: Improved access to appropriate capacity-building services by microfinance providers with rural orientations **4.** MFI Capacity-Building: Improved capacity of the microfinance training service providers to satisfy the demand by microfinance institutions. **5.** Promotion of a Business Culture: Improved knowledge and skills of rural clients to increase production for market and to use financial services effectively. **6.** Support to Apex Structures: · 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 **7.** MFI Upgrading Scheme: A growing number of qualified MFIs upgraded into microfinance deposit-taking institutions. **8.** Programme Administration, Monitoring and Evaluation: RFSP is implemented efficiently and relevant data is generated regularly by the management information system.
13. Inputs	**1.** Activities cost **2.** Grant
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)	**1-1.** Carry out the baseline survey, and select the Project Sites and Model Farmers **1-2.** Establish a liaison office to coordinate Project activities and communicate with respective targeted Districts **1-1.** Plan training programs in the Project Sites in the targeted Districts **1-2.** Prepare technical manuals and text books necessary for trainings **1-3.** Support Central and Local Governments to conduct Environmental Impact Assessment (EIA) **1-4.** Establish the Project Sites in the targeted Districts **1-5.** Train Officials in targeted Districts, on irrigated agriculture techniques and demonstration methods **2-1.** Train Model Farmers on irrigated agriculture techniques and demonstration methods **2-2.** Support establishment of farmers groups **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 **2-4.** Monitor, evaluate and follow-up of farmers groups' activities
12. Expected results (outputs)	**1.** Capacity of concerned personnel, necessary for training and extension of irrigated rice production in the targeted Districts, is developed. **2.** Irrigated rice cultivation techniques are promoted among smallholders and their community based groups in the Project Sites.
13. Inputs	**1.** JICA Experts (Japanese or third country experts) **2.** Training for counterparts on site and in Japan **3.** Machinery and Equipment (vehicles, equipments for training, audio-visual equipments,
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 FUJIIE e-mail: Fujiie.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 FUJIIE 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 (NaCRRI) 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:** NacRRI 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 NaCRRI 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 FUJIIE 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, IIAM, 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	**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. 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	**2** 1. Pipeline, 2. Approved, 3. On-going, 4. Completed
16. Issues/problems	
17. Person in charge	Name: e-mail:

Key Word:

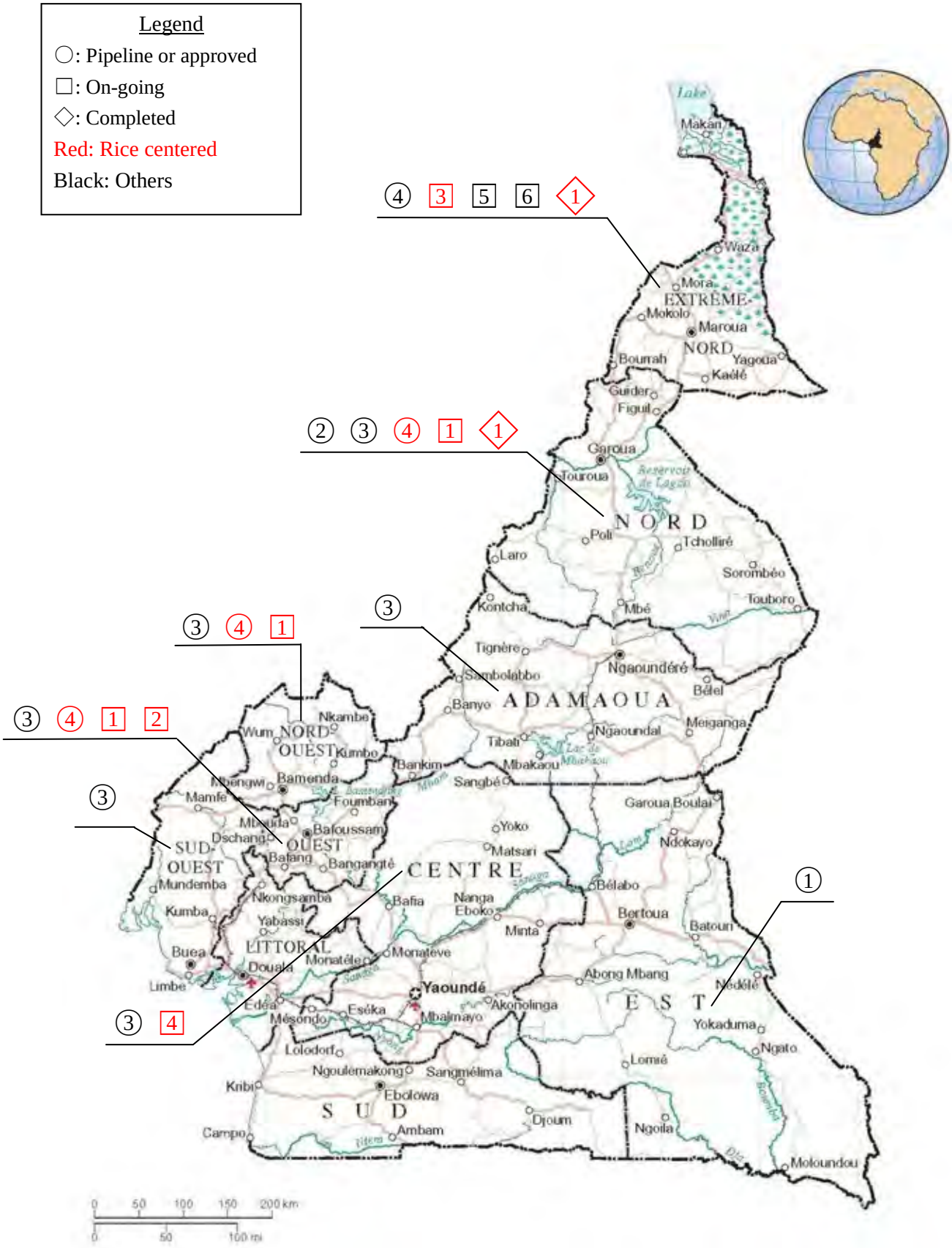
付属書 3

各国における稲作関連プロジェクト
活動位置図

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

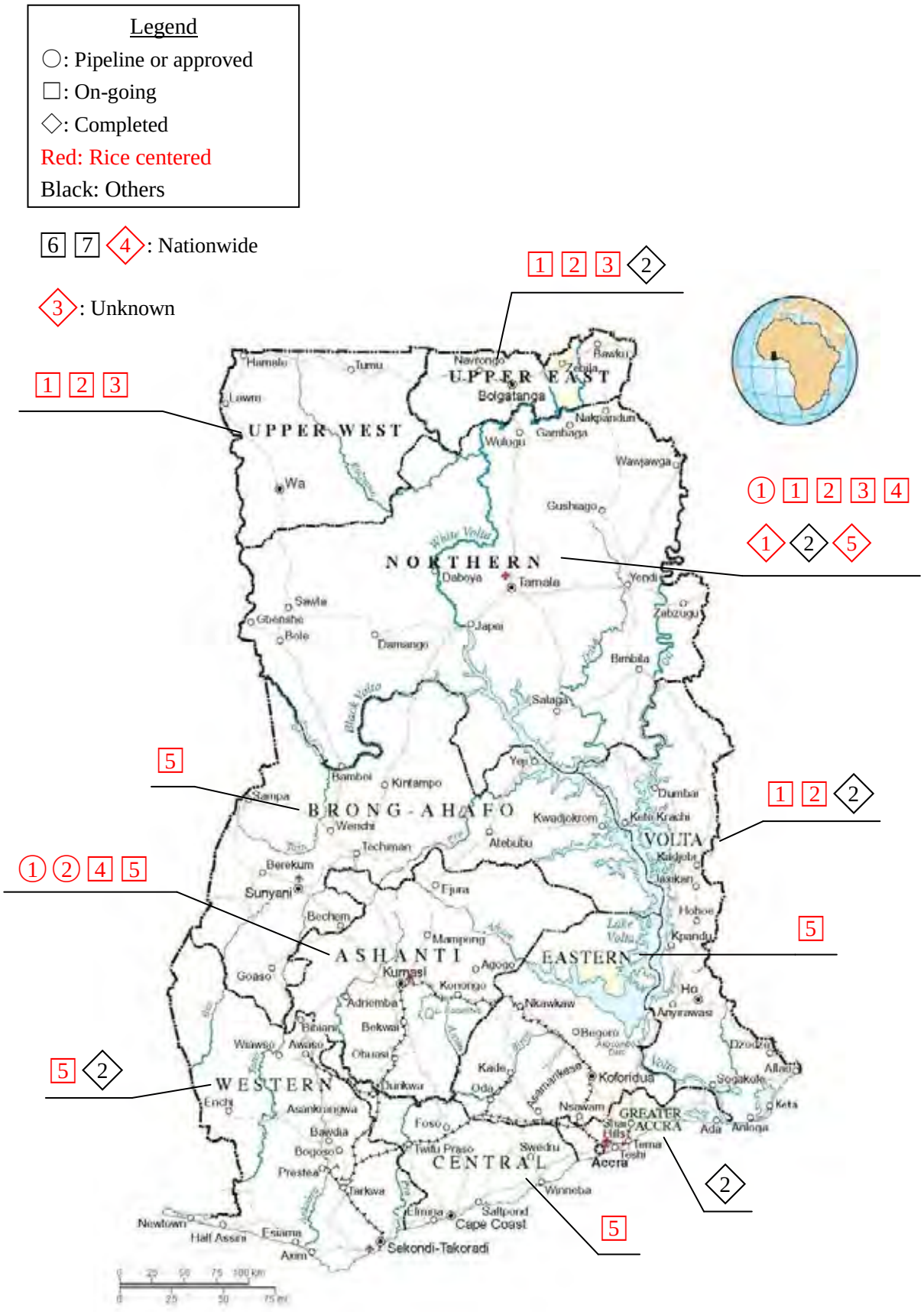


Map of the Rice Related Projects Showing their Coverage (1/12), Cameroon

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' Patricipation 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



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	Dubréka 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

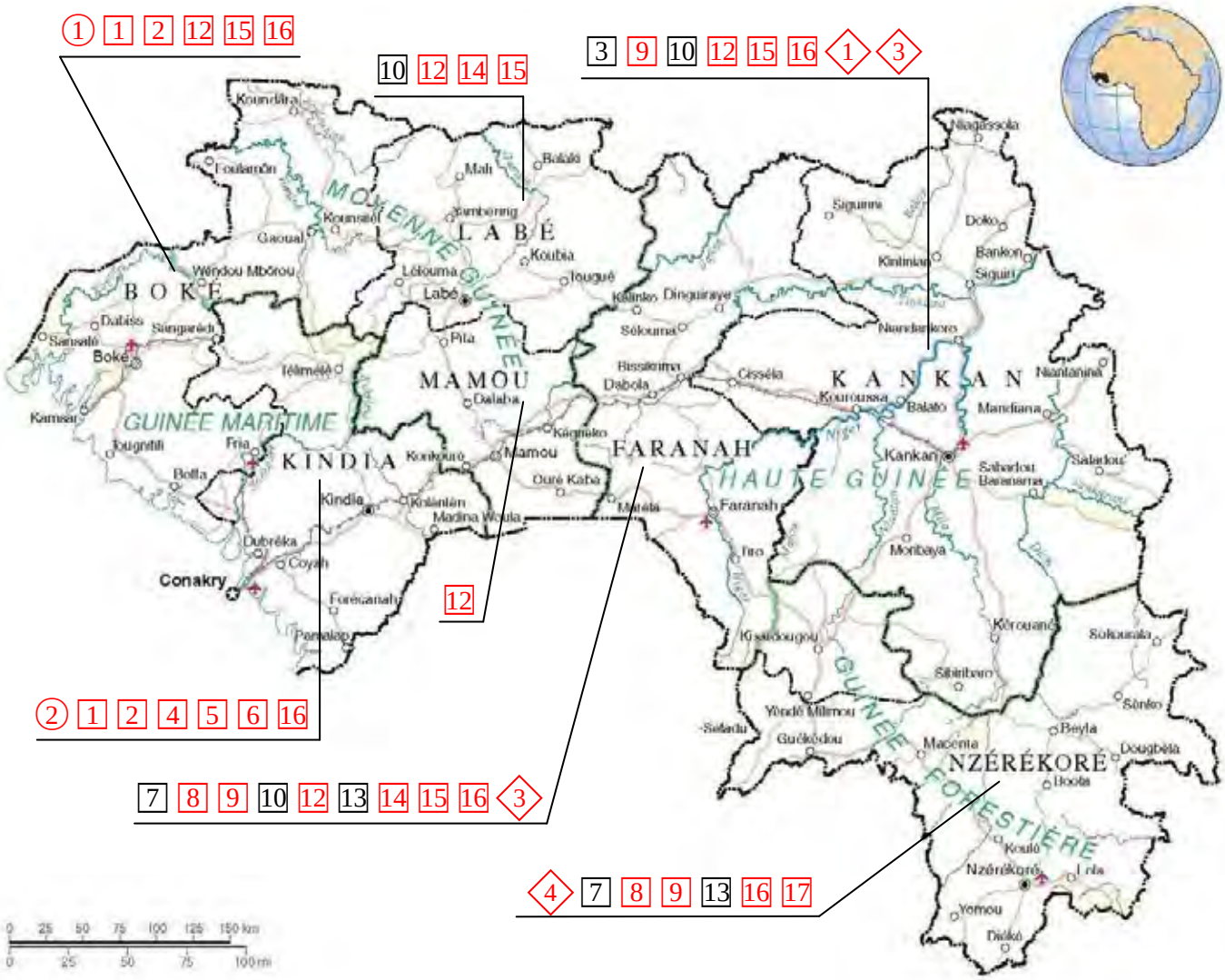
□: On-going

◇: Completed

Red: Rice centered

Black: Others

11 : Unknown

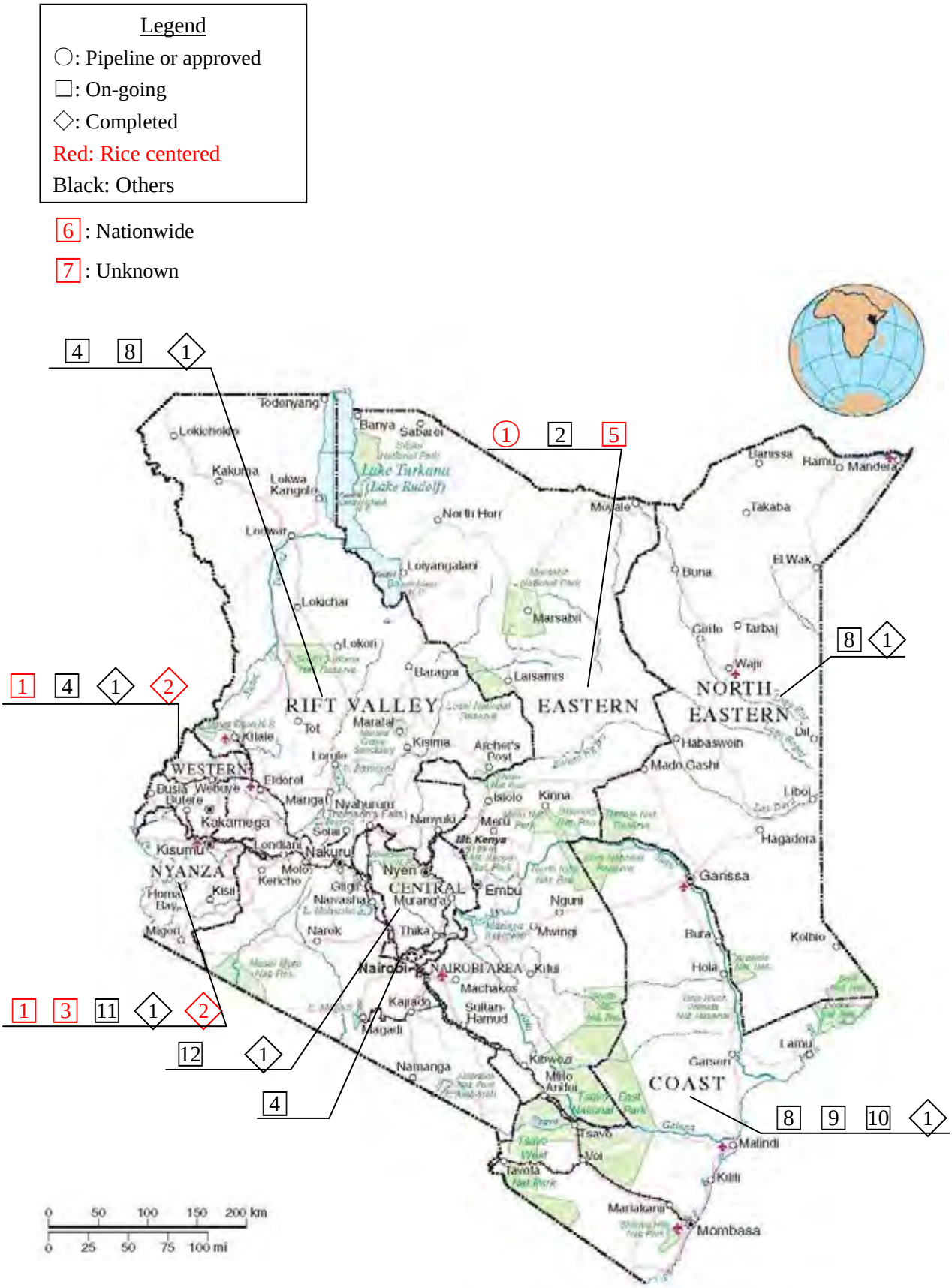


Map of the Rice Related Projects Showing their Coverage (3/12), Guinea

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

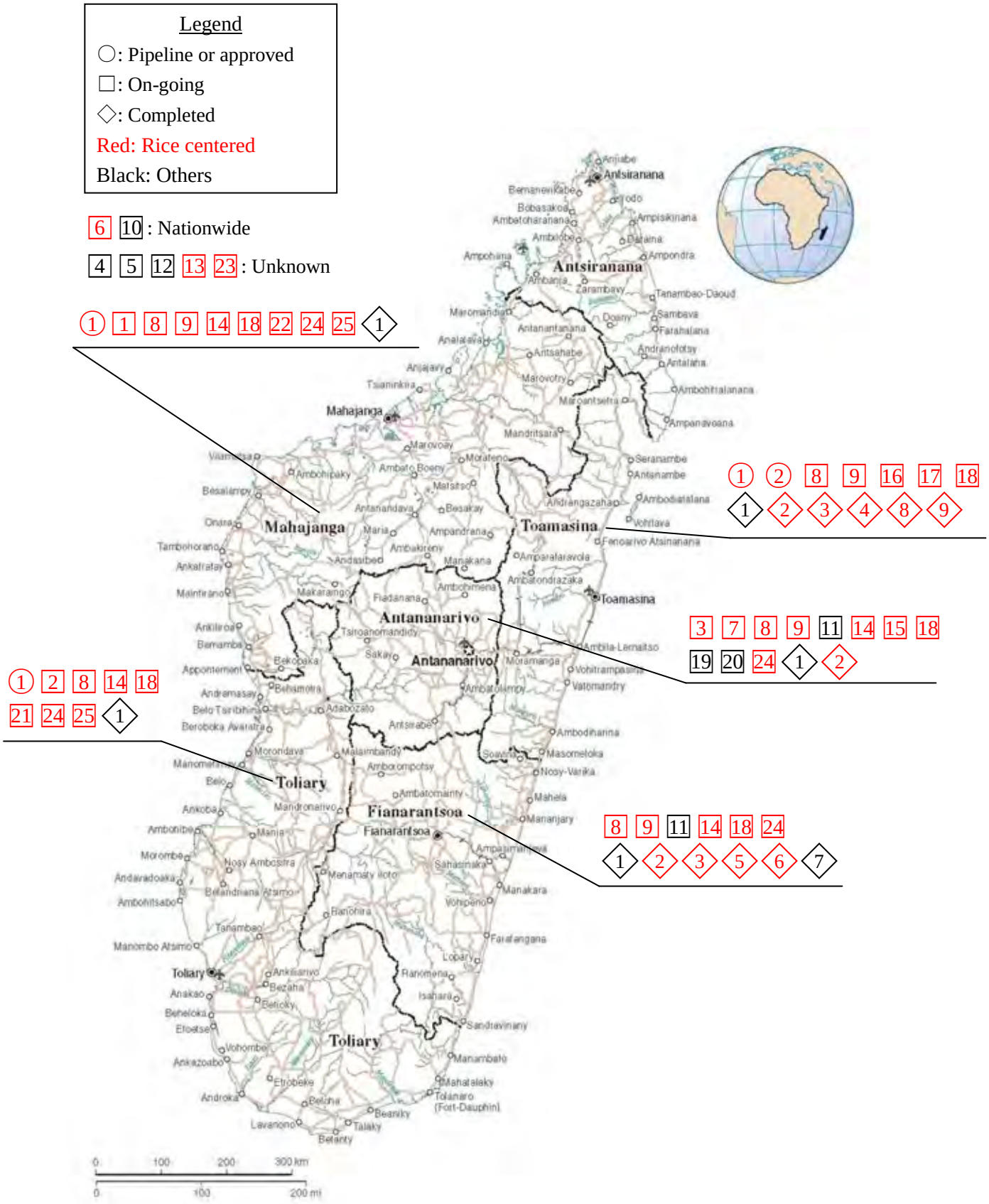


Map of the Rice Related Projects Showing their Coverage (4/12), Kenya

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 (PSSDRI/AKF)	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



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)	Vietnum, 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	Netherland
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

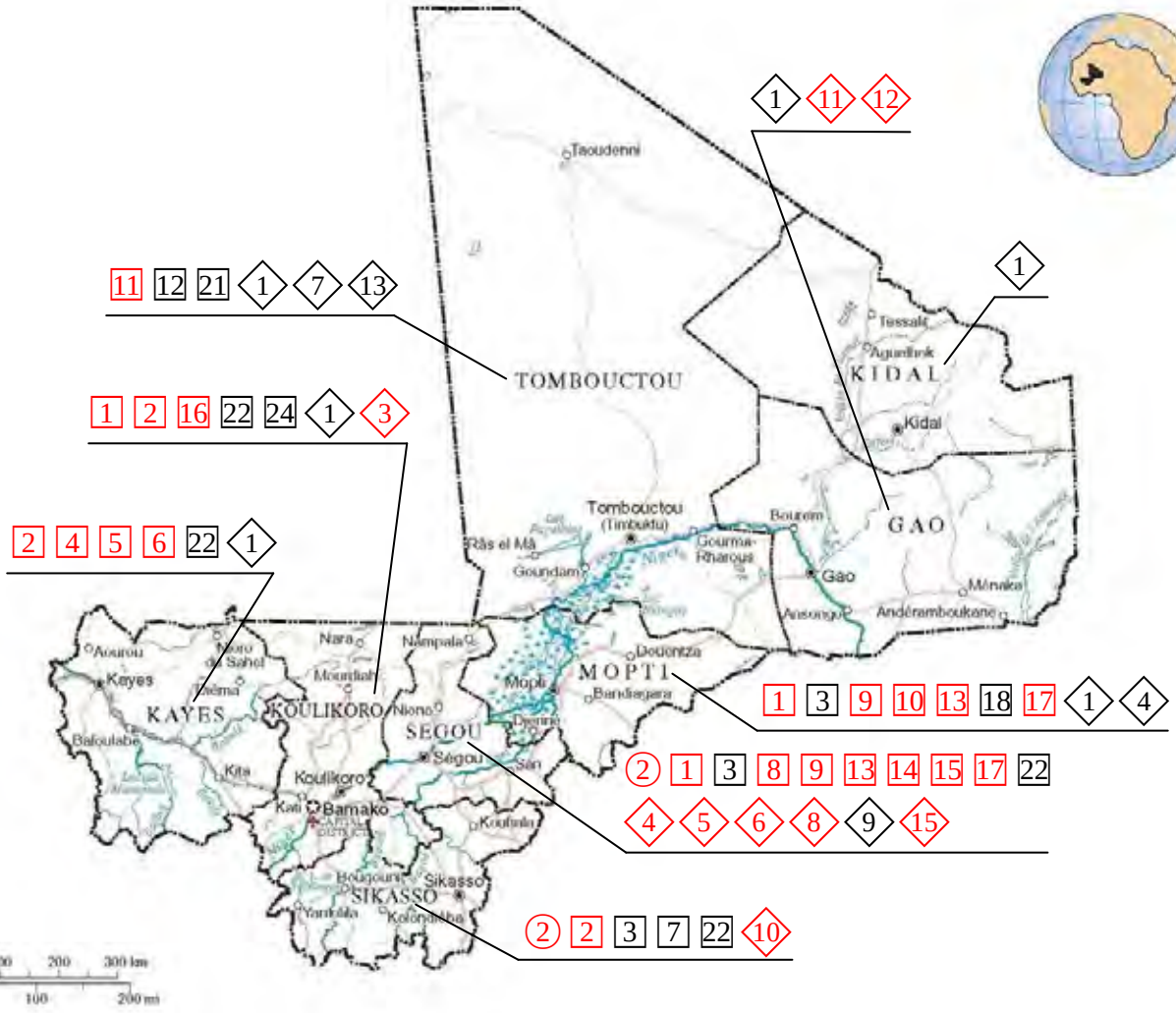
◇: Completed

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.
1	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
3	MZ-3	Strategic planning for irrigation in Mozambique	EU
4	MZ-5	Pungué Basin Integrated Water Resources Management and Development Program - Phase 2 (PP2)	Sweden
5	MZ-6	MOSFED	Private
6	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.
◇1	MZ-10	Integrated Agricultural Development Project (PIDA)	Italy
◇2	MZ-15	EC Support to Drought Mitigation Plan for Gaza and Inhambane	EU
◇3	MZ-17	Development Strategy for the Rice Sector in Mozambique	Italy
◇4	MZ-4	Pungué Basin Integrated Water Resources Management and Development Program (PP)	Sweden

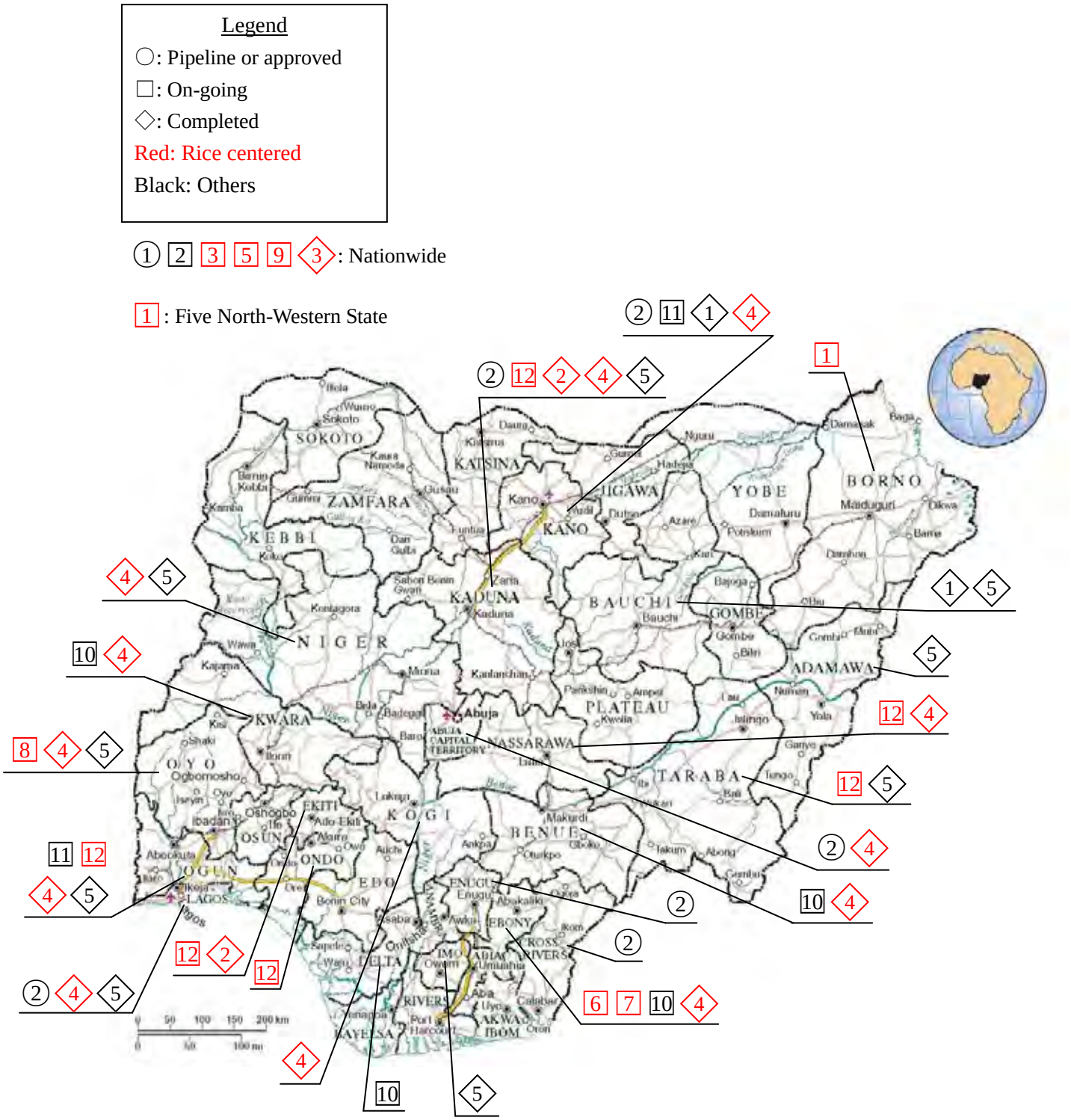
* ○: Pipeline or approved, □: On-going, ◇: Completed, Red: Rice centered, Black: Others

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 Opprotunities 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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○: Pipeline or approved
□: On-going
◇: Completed
Red: Rice centered
Black: Others
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CROSS RIVERS
RIVERS
AKWA IBOM
BAYELSA
Abuja
ABUJA CAPITAL TERRITORY
Kano
Kaduna
Ibadan
Lagos
Benin City
Port Harcourt
Maiduguri
Sokoto
Yola
Jos
Makurdi
Lokoja
Ilorin
Calabar
Enugu
Owerri
Umuahia
Abeokuta
Ado-Ekiti
Akure
Gusau
Damaturu
Bauchi
Gombe
Minna
Birnin Kebbi
Dutse
Katsina
Zaria
Kontagora
Ogbomosho
Oshogbo
Ikeja
Awka
Abakaliki
Uyo
Asaba
Yenagoa
Nguru
Damaturu
Potiskum
Azare
Dutse
Hadejia
Kumbo
Dan Gulbi
Funtua
Sabon Birnin Gwari
Kafanchan
Mubi
Numan
Jalingo
Gashua
Bama
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Bajoga
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Gombe
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Garye
Takum
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Gambari
Tungo
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Oturkpo
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Alaire
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Numan
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Gashua
Damaturu
Maiduguri
Bama
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Bauchi
Gombe
Bilin
Jos
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Amper
Kwella
Lau

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.

* ○: Pipeline or approved, □: On-going, ◇: Completed, Red: Rice centered, Black: Others

Legend

○: Pipeline or approved

□: On-going

◇: Completed

Red: Rice centered

Black: Others

② [3] [4] ◇1 ◇4 ◇5: Nationwide

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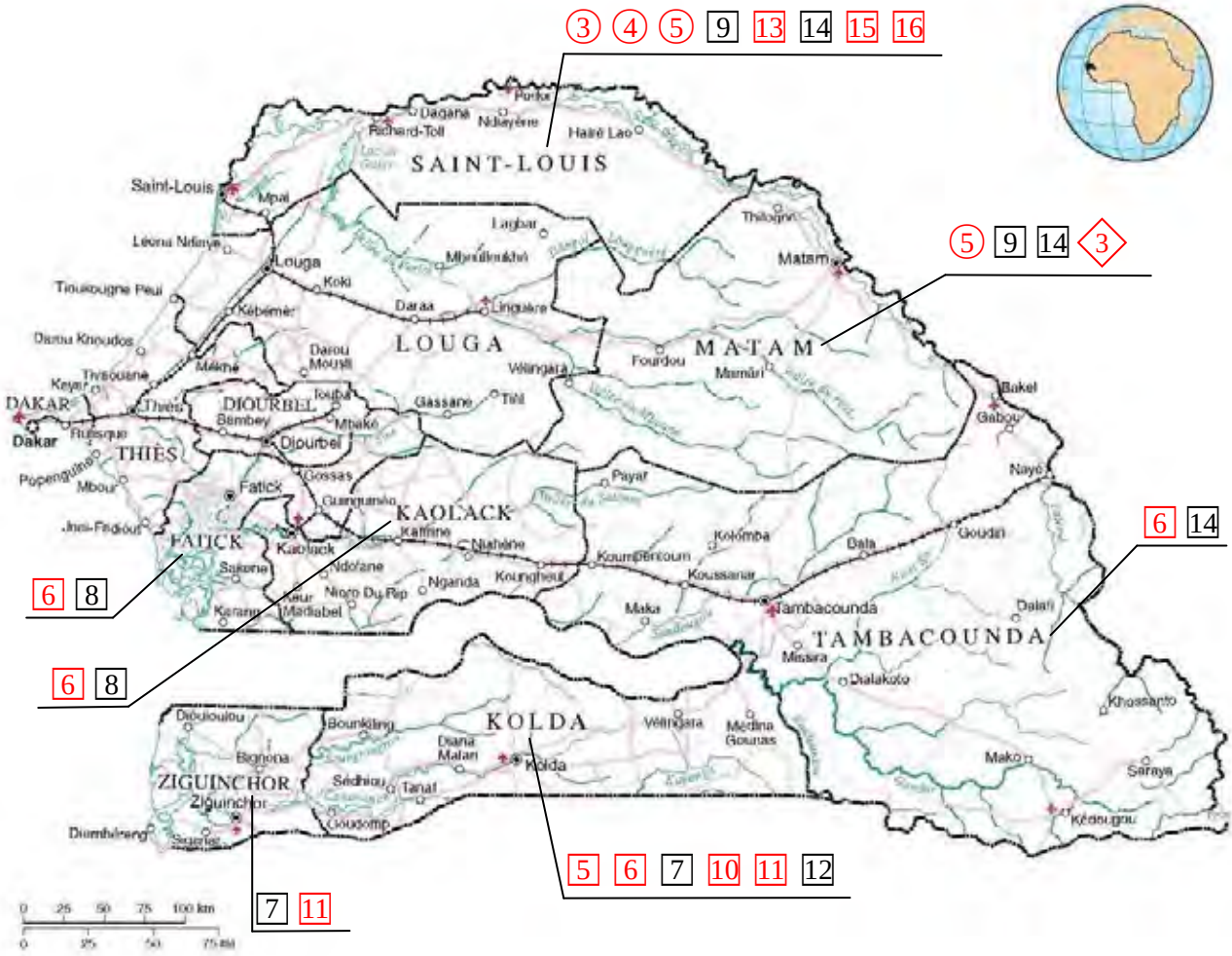
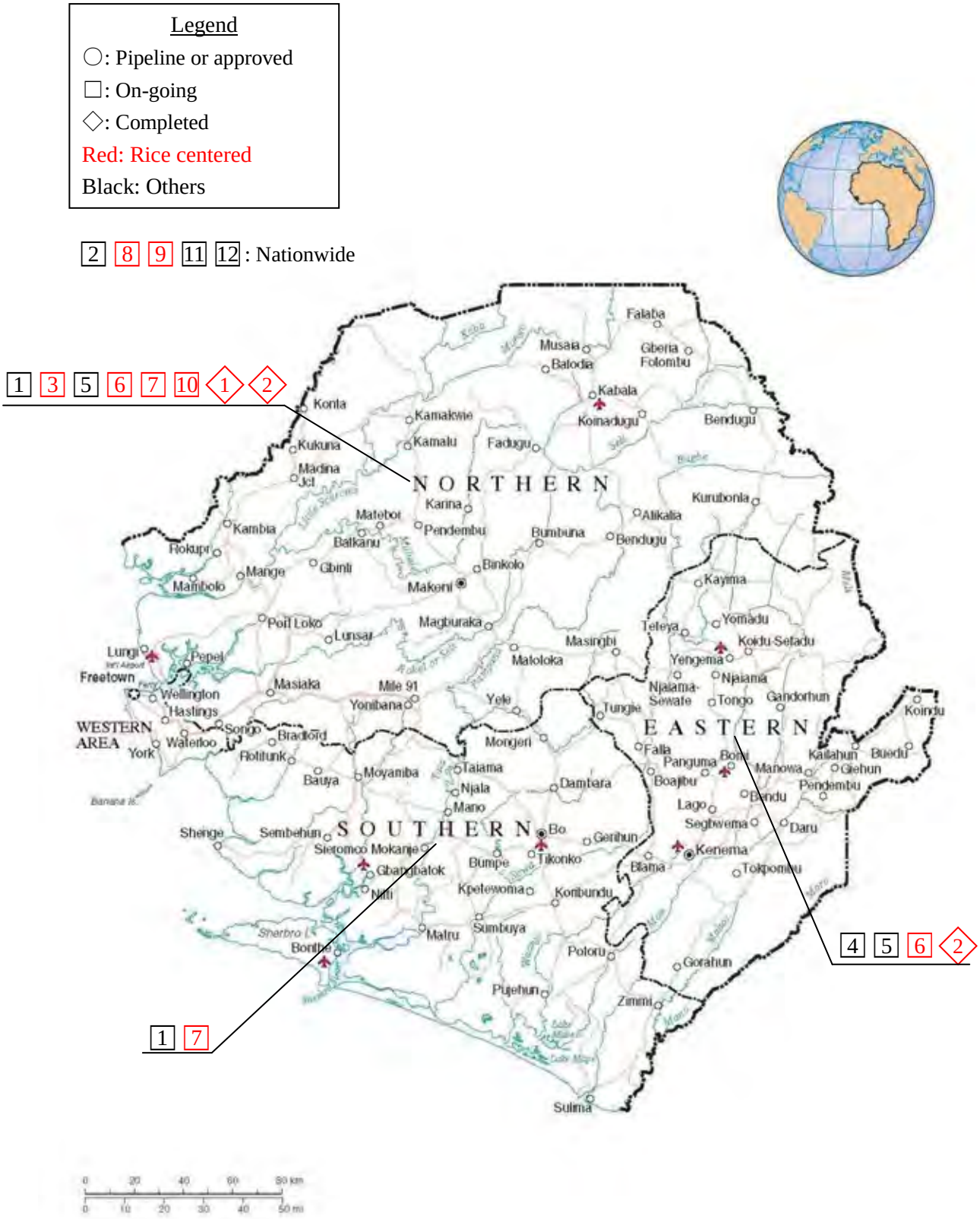


Map of the Rice Related Projects Showing their Coverage (9/12), Senegal

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 redulction 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



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

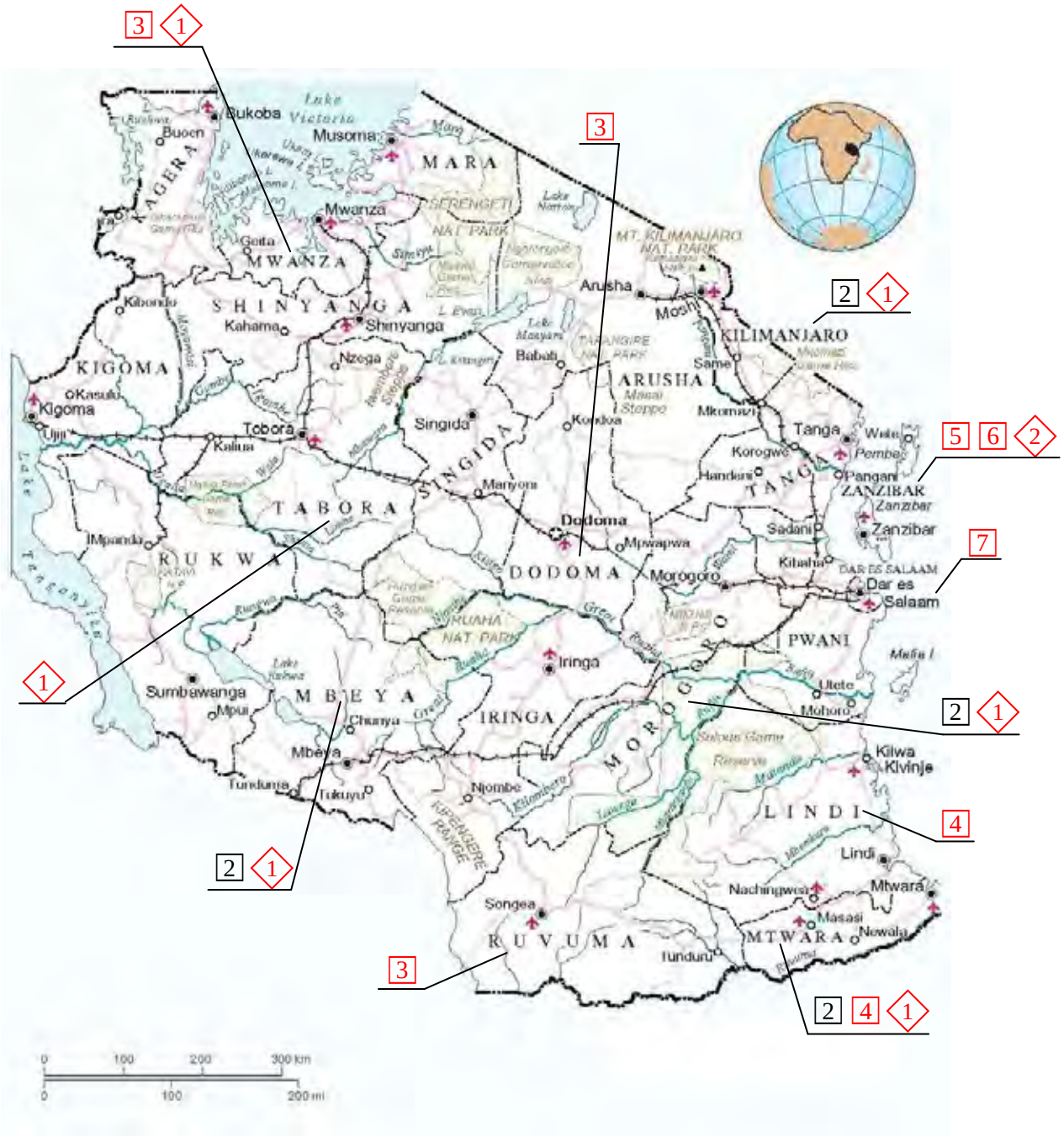
□: On-going

◇: Completed

Red: Rice centered

Black: Others

1 : Nationwide

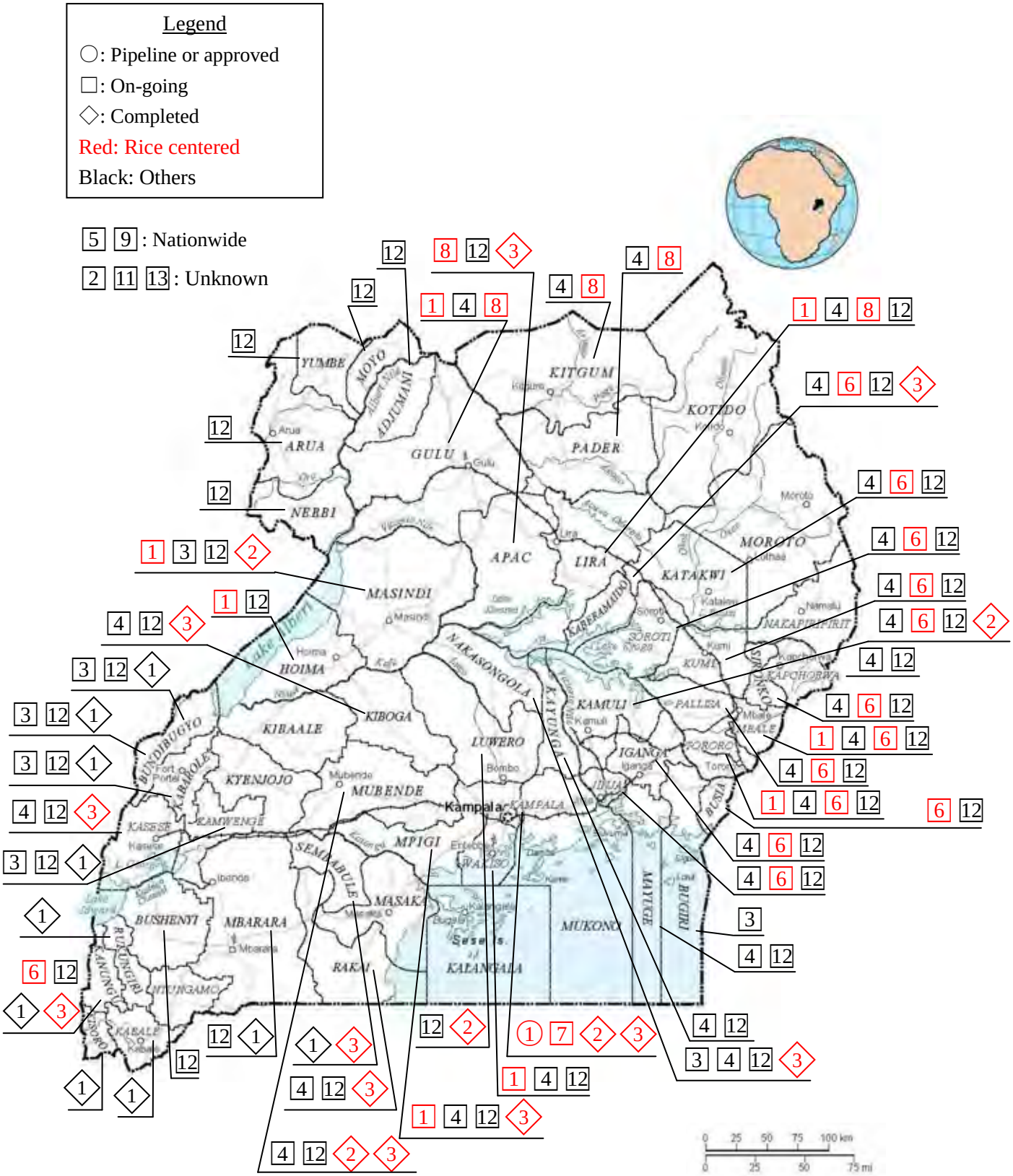


Map of the Rice Related Projects Showing their Coverage (11/12), Tanzania

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

* ○: Pipeline or approved, □: On-going, ◇: Completed, Red: Rice centered, Black: Others



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

* ○: Pipeline or approved, □: On-going, ◇: Completed, Red: Rice centered, Black: Others

付　録 1

コンサルタントの現地調査行程

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 Entebe (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

付　録 2

面会人リスト

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 YOUSSOUFA	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	Chagé 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 Répresentatnt 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
Mélisande PONTVIANNE	Responsible Appui aux Entreprises (Agriculture, Agroalimentaire, Biens de Consommation, Santé), mission economique 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

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Cameroon

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Madagascar

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