

添付資料

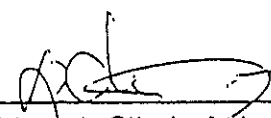
Scope of Work
for
The study for Improving Rural People's Livelihoods
through Agricultural Activities and Sound Natural Resources Management
in the State of Amazonas
in the Federative Republic of Brazil
agreed upon
between
Institute of Agricultural and Livestock Development of
the State of Amazonas,
Brazilian Cooperation Agency
and
Japan International Cooperation Agency

Manaus, January 15, 2000

松本 剛 己

Kunimasa MATSUMOTO
Leader
The Preparatory Study Team
Japan International Cooperation Agency
(JICA)

Ambassador Elim S. Dutra
General -Director
Brazilian Cooperation Agency
(ABC)



Sidney de Oliveira Leite
President Director
Institute of Agricultural and Livestock
Development of the State of Amazonas
(IDAM)

I. INTRODUCTION

In response to the request of the Government of the Federative Republic of Brazil (hereinafter referred to as "GOB"), the Government of Japan decided to conduct the study for Improvement Rural People's Livelihoods through Agricultural Activities and Sound Natural Resources Management in the State of Amazonas (hereinafter referred to as "the Study") in accordance with the Agreement on Technical Cooperation between the Government of Japan (hereinafter referred to as "GOJ") and GOB signed in Brasilia on September 22, 1970 (hereinafter referred to as "the Agreement").

Accordingly, Japan International Cooperation Agency (JICA), as an official agency responsible for the implementation of technical cooperation programs of GOJ, Brazilian Cooperation Agency (ABC) as a legal intervenient agency on behalf of GOB and the Institute of Agricultural and Livestock Development of the State of Amazonas (IDAM) as an executive agency responsible for the implementation of the technical cooperation for the Study, will undertake the Study in close cooperation with the other Brazilian authorities concerned. The present document sets forth the scope of work with regard to the Study.

II. OBJECTIVES OF THE STUDY

The objectives of the study are as follows;

- to formulate a plan for income generation and provision of employment opportunity through creating agricultural system under rational natural resource use, which will contribute natural environment conservation, and
- (2) to conduct a technology transfer to Brazilian counterpart personnel through on-the-job trainings in the course of the Study.

III. STUDY AREA

1. The Study shall be conducted in MAUÉS, IRANDUBA, and ITACOATIARA. The total land area approximately 51,000km² (Refer to the location map attached as Annex 1).
2. Beneficial population of the Study would be principally classified into two types;
 - (1) family farmers relying on agricultural production with limited land scale (from 25 ha to 100 ha), which is defined as family farming by PRONAF, and,
 - (2) people whose livelihoods rely on extractive activities exploiting natural resources including forest products and aquatic produce.

IV. SCOPE OF THE STUDY

In order to achieve the objectives above, the Study shall consist of the following items.

[Phase I]

1. Data collection

1.1 Collect and review the existing information relevant to the Study on the following items;

- (1) Existing projects / studies
- (2) National / regional development plan
- Others

1.2 Carry out field surveys and interviews together with the supplementary data collection on following aspects;

A: Guarana

- (1) Production activity
- (2) Post-harvest
- (3) Market trend (price, supply & demand, and etc.)
- (4) Rural economy and credit
- (5) Extension service / system

B: Vegetable



FZ. E.

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- (1) Production activity
- (2) Post-harvest
- (3) Market trend (price, supply & demand and etc.)
- (4) Rural economy and credit
- (5) Extension service / system

C: Tropical fruit

- (1) Post-harvest
- (2) Market trend (price, supply and demand and etc.)
- (3) Rural economy and credit
- (4) Extension service / system

D: Aquaculture

- (1) Market trend (price, supply & demand and etc.)
- (2) Rural economy and credit

2. Verification of the potential of study area

- 2.1 Analyze the collected information, and identify major constraints, problems and potentials, taking natural resource conservation into account.
- 2.2 Conduct the Initial Environment Evaluation (IEE)

[Phase 2]

3. Formulation of a plan

- 3.1 Propose a plan for improving the people's livelihoods, taking following components into account;
 - (1) Improvement of agricultural activity (including forestry and aqua culture)
Ecological, economical, social and technical rationality of production and post-harvesting is examined.
 - (2) Improvement of extension service and rural credit
 - (3) Others

3.2 Support the Environment Impact Assessment (if necessary)

4. Prepare Conclusion and Recommendation

STUDY SCHEDULE

The Study shall be carried out in accordance with the Tentative Work Schedule attached as Annex 2.

VI. REPORTS

JICA shall prepare and submit the following reports, written in English and Portuguese, to the GOB;

- | | |
|---------------------|---|
| Inception Report | : Ten (10) copies in English and twenty (20) copies in Portuguese at the commencement of the Study |
| Progress (1) Report | : Ten (10) copies in English and twenty (20) copies in Portuguese at the end of the first work in Brazil of Phase I |
| Progress (2) Report | : Ten (10) copies in English and twenty (20) copies in Portuguese at the end of work in Brazil of Phase I |
| Interim Report | : Ten (10) copies in English and twenty (20) copies in Portuguese at commencement of Phase II |
| Progress (3) Report | : Ten (10) copies in English and twenty (20) copies in Portuguese at the end of Work in Brazil of Phase II |
| Draft Final Report | : Ten (10) copies in English and forty (40) copies in Portuguese at the end of Phase II |

Final Report

Brazilian side shall submit written comments on the Draft Final Report to JICA in one (1) month after the receipt of the report.

: Ten (10) copies in English and forty (40) copies in Portuguese in two (2) months after the receipt of comments on the Draft Final Report from Brazilian side

VII. UNDERTAKING OF THE BRAZILIAN SIDE

1. The Government of Federative Republic of Brazil accord privileges, exemptions and other benefits to the Japanese study team (hereinafter referred to as "the Team") in accordance with the Agreement, as follows;

- (1) To secure the safety of the team,
- (2) To permit the members of the Team to enter, leave and stay in the Federative Republic of Brazil for the duration of their assignment therein, and exempt them from foreign registration requirements and consular fees,
- (3) To exempt the members of the Team from taxes, duties and other charges on equipment, machinery and other materials brought into the Federative Republic of Brazil for the conduct of the Study,
- (4) To exempt the members of the Team from income tax and other charges of any kind imposed on or in connection with any emoluments or allowances paid to the members of the Team for their services in connection with the implementation of the Study,
- (5) To provide necessary facilities to the Team for the remittance as well as utilization of the funds introduced into the Federative Republic of Brazil from Japan in connection with the implementation of the Study,
- (6) To ensure permission for entry into relevant areas for the implementation of the Study,
- (7) To ensure permission for the Team to take all data and documents out of the Federative Republic of Brazil to Japan, in accordance with laws and regulations in force in Brazil, for analysis during the implementation of the Study, and
- (8) To provide medical services as needed. Its expenses will be chargeable on the members of the Team.

2. The Brazilian side shall bear claims, if any arises, against the members of the Team resulting from, occurring in the course of, or otherwise connected with, the discharge of their duties in the implementation of the Study, except when such claims arise from gross negligence or willful misconduct on the part of the members of the Team.

3. IDAM shall act as the counterpart agency to the Team and also as coordinating body in relation with other governmental and non-governmental organizations concerned for the smooth implementation of the Study.

4. IDAM shall, at its own expense, provide the Team with the following, in cooperation with other relevant organizations concerned;

- (1) available data and information related to the Study,
- (2) full-time counterpart personnel, technical supporting staff, clerical staff, etc,
- (3) suitable office space with necessary equipment,
- (4) adequate means of transport for the Team, and
- (5) credentials or identification cards.

VIII. UNDERTAKING OF JAPANESE SIDE

For the implementation of the study, Japanese side shall take the following measures through JICA;

- (1) Dispatch, at its own expense, study teams to Brazil, and,
- (2) Pursue technology transfer to the Brazilian counterpart personnel in the course of the study.

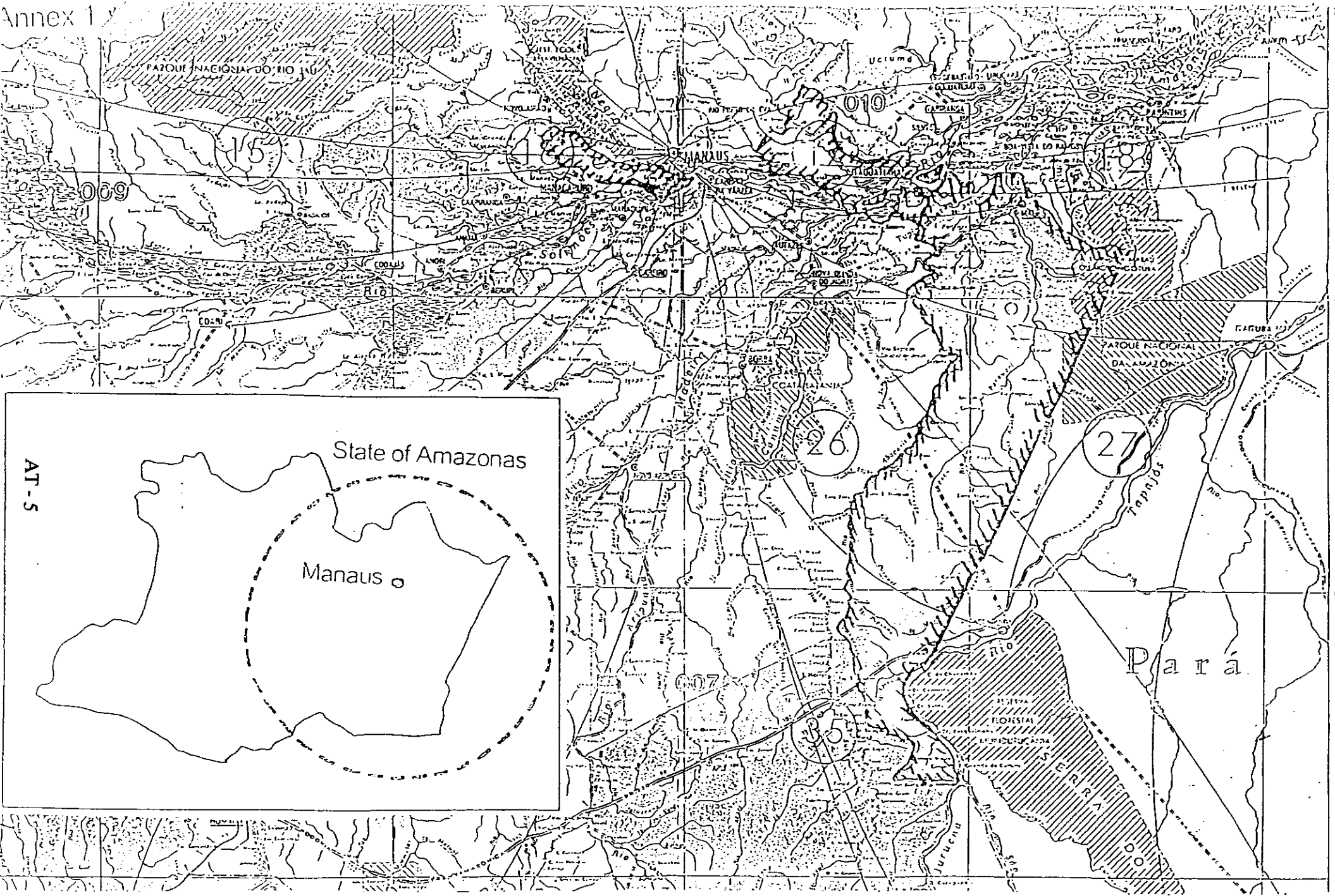
IX. CONSULTATION

JICA and IDAM shall maintain constant communication and consult with each other in respect of any matters that may arise from or in connection with the Study.



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Location map of the study area

TENTATIVE WORK SCHEDULE

\ MONTH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Work in Brazil																				
Work in Japan																				
Stages	Phase 1										Phase 2									
Reports	△ IC/R			△ P/R(1)					△ P/R(2)		△ It/R				△ P/R(3)		△ DF/R	◎	△ F/R	

(Remarks)

Ic / R

: Inception Report

P / R(1)

: Progress Report(1)

P / R(2)

: Progress Report(2)

It / R

: Interim Report(1)

P / R(3)

: Progress Report(3)

F / R

: Final Report

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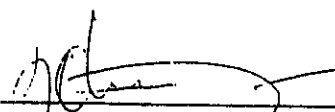
: Comments on Df /R by Brazilian side

Minutes of Meetings
of
Scope of Work
for
The study for Improving Rural People's Livelihoods
through Agricultural Activities and Sound Natural Resources Management
in the State of Amazonas
in the Federative Republic of Brazil
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Institute of Agricultural and Livestock Development of
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Manaus, January 15, 2000

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Kunimasa MATSUMOTO
Leader
The Preparatory Study Team
Japan International Cooperation Agency
(JICA)



Sidney de Oliveira Leite
President Director
Institute of Agricultural and Livestock
Development of the State of Amazonas
(IDAM)

In response to the request of the Government of Brazil, the Preliminary Study Team headed by Mr. K. MASTUMOTO (hereinafter referred to as "the Team"), was sent to Brazil by the Government of Japan through the Japan International Cooperation Agency (hereinafter referred to as "JICA"), from January 5 to 19, 1999 for the purpose of discussing and confirming the Scope of Work for the study for Improving Rural People's Livelihoods through Agricultural Activities and Sound Natural Resources Management in the State of Amazonas (hereinafter referred to as "the Study").

The Team held a series of discussions with the relevant authorities of the Government of Brazil represented by Mr. Sidney de Oliveira Leite (hereinafter referred to as "The Brazilian side").

As a result of the discussions, the Brazilian side and the Team agreed on the Scope of Work for the Study.

The following are the main issues discussed and agreed upon by both sides in relation to the Scope of Work for the Study. The list of participants and resource persons in the series of meetings is attached as Annex 1.

1. Terminology

Both sides confirmed that 'natural resources' means forests, soils and water resources in the study area.

2. Exception of the Study

Both sides confirmed that new land reclamation, land clearing and any activity against natural resource conservation are out of the Study's scope

3. Study area

Both sides confirmed that the crops, which are mentioned in 'IV. SCOPE OF THE STUDY', the item 1.2 of the Scope of Work, are observed in municipalities below. Both sides agreed works relevant to these crops are conducted mainly in the municipalities.

Guaraná - MAUÉS

Vegetable, Aquaculture - IRANDUBA

Tropical fruit - ITACOATIARA

4. Vegetables and to be studied

Regarding 'IV. SCOPE OF THE STUDY', the item 1.2 of the Scope of Work, both sides agreed to choose approximately three (3) or four (4) vegetables to be studied at the beginning of the Study.

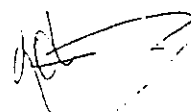
5. Tropical fruits and aquaculture

Both sides agreed that cupuaçu, açaí, passionfruits banana, etc. are considered as tropical fruits to be studied.

Both sides also agreed that the study shall focus on the fishes, which IDAM is planning to develop a hatchery technology in a future on, such as pirarucu (*Arapaima gigas*), mantrinchã (*Brycon cephalus*), surubim (*Pseudoplatystoma fasciatum*) and jaraqui (*Semaprochilodus insignis*) are to be studied.

6. Ecological-Economic Zoning (EEZ)

Both sides agreed that the result of EEZ is one of the resources of basic information and the Study is conducted taking it into account.



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7. Environment Impact Assessment (EIA)

Both sides confirmed that EIA is to be conducted by the Brazilian side with its responsibility. Both sides agreed the Japanese side support EIA under condition that its necessity is recognized.

8. Steering Committee

Regarding 'VII. UNDERTAKING OF THE BRAZILIAN SIDE', the item 3 of the Scope of Work, both sides agreed that it is necessary to establish a Steering Committee for the smooth and efficient implementation of the Study. The committee shall be occasionally convened in order to be discussed on the findings of the Study and shall be composed of following institutions coordinated by IDAM.

(Brazilian side) IDAM, EMBRAPA, INPA, INCRA, IPAAM and other organizations concerned

(Japanese side) Japanese study teams, JICA Office and Embassy of Japan

9. Office space and equipment

Both sides agreed the Brazilian side provides to the Japanese study team(s) a suitable office space in MANAUS, equipped with desk(s), chair(s), a telephone with facsimile function, the exclusive use of telephone line and a photocopier during the Study period. Both sides also agreed the Brazilian side arranges office space(s) out of MANAUS, equipped in the same manner above for the Japanese study team(s) on its request.

The Brazilian side requested that the Japanese side provides a fuel for vehicle(s) and ship(s).

The Japanese side promised to convey its request to the Government of Japan.

10. Counterpart-training in Japan

The Brazilian requested the training of counterpart personnel in Japan. The Japanese side promised to convey it to the government of Japan.

11. Final report

Both sides agreed that the Final Report would be made available to any institutions or individuals who may have an interest in the Study.

12. Pilot Program for Protection of the Tropical Forests of Brazil (PPG7)

Both sides confirmed that this study shall be applied for the Bilateral associated projects of Pilot Program for Protection of the Tropical Forests of Brazil (PPG7). IDAM shall take a necessary procedure for application.

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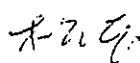
The list of participants

Institute of Agricultural and Livestock Development (IDAM)

Mr. Sidney Ricardo de Oliveira Leite	President Director
Mr. Luiz Antônio Araújo Cruz	Technical Director
Ms. Eda Maria Oliva Souza	Projects & Programs Manager
Mr. Geraldo Couto Araújo	Vegetable Production Manager
Mr. José Milton Barbosa Filho	Operation Manager
Mr. João Bosco Alves Siqueira	Aquaculture / Fishery Manager
Mr. Marcos Antônio Cerqueira	Fishery / Aquaculture Technical Assistant
Ms. Angela Maria Tribuzy de Magalhães Cordeiro	Agronomy Engineer

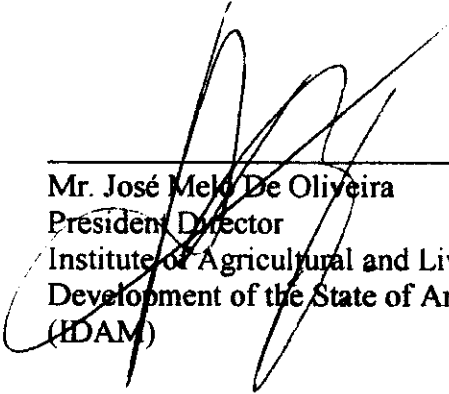
Japan International Cooperation Agency (JICA)

Mr. Kunimasa MATSUMOTO	Leader
Mr. Hiroyuki TAKEDA	Agriculture
Mr. Makoto ASAI	Coordinator
Ms. Mitsue MISHIMA	Regional society / economy
Ms. Adelia Nanae Suzuki MIYAMOTO	Interpreter
Mr. Akihiko YAMADA	Staff, JICA-Belém
Mr. Flávio K. TODAKA	Staff, JICA-Belém

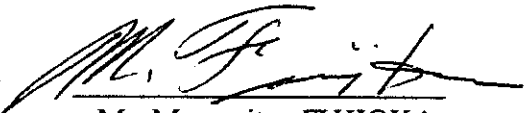


MINUTES OF MEETING
ON
THE INCEPTION REPORT
FOR
THE STUDY FOR IMPROVING RURAL PEOPLE'S LIVELIHOODS
THROUGH
AGRICULTURAL ACTIVITIES
AND SOUND NATURAL RESOURCES MANAGEMENT
IN THE STATE OF AMAZONAS
IN THE FEDERATIVE REPUBLIC OF BRAZIL

Manaus, April 26, 2000

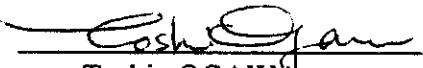


Mr. José Melo De Oliveira
President Director
Institute of Agricultural and Livestock
Development of the State of Amazonas
(IDAM)



Mr. Masamitsu FUJIOKA
Team Leader, JICA Study Team

Witnessed by



Toshio OGAWA
Leader of Advisory Team,
JICA Headquarters, Tokyo

MINUTES OF MEETING
ON
THE INCEPTION REPORT
FOR
THE STUDY FOR IMPROVING RURAL PEOPLE'S LIVELIHOODS
THROUGH
AGRICULTURAL ACTIVITIES
AND SOUND NATURAL RESOURCES MANAGEMENT
IN THE STATE OF AMAZONAS
IN THE FEDERATIVE REPUBLIC OF BRAZIL

DATE : April 25, 2000
TIME : 9:00 a.m. to 11:30 a.m.
VENUE : Meeting Room, IDAM Headquarters, Manaus
ATTENDANCE : As listed in Annex

JICA Study Team submitted 20 copies of the Inception Report written in Portuguese and 10 copies in English to IDAM on April 25, 2000. The meeting was convened to explain and discuss the Inception Report.

The meeting was opened by Mr. Toshio OGAWA, the leader of advisory team for the project dispatched by JICA headquarters in Tokyo, who pointed out the importance of both natural resources conservation and improvement of the quality of life for the inhabitants of Amazonia. He then reviewed and confirmed the responsibilities and roles of IDAM in the Study, which were agreed upon in the Scope of Work signed between IDAM and JICA during January 2000. IDAM accepted his review of their responsibilities.

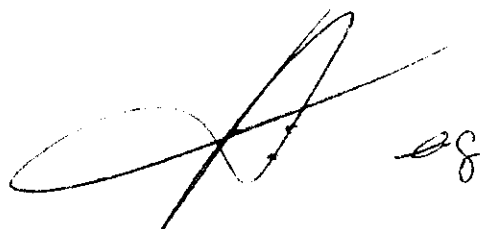
Mr. Masamitsu Fujioka, Team Leader of JICA Study Team made detailed explanation for the Inception Report.

In Principle the Brazilian side accepted the contents of the Inception Report, and indicated



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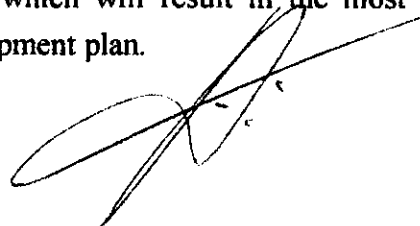
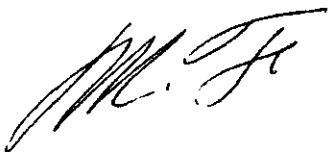


that the approach proposed by JICA Study Team for the Study was highly appreciated.

The Brazilian side made the following comments and suggestions:

- a) Both sides agreed that the Portuguese translation of the project title would be as follows:
“Estudo para Melhoria da Qualidade de Vida das Populações Rurais Através da Agricultura, Gestão e Manejo Racionais dos Recursos Naturais”
- b) Regarding the Questionnaire Survey and Rapid Rural Appraisal (RRA), IDAM has knowledge, idea and experiences. Thus the methodology of the survey will be discussed with IDAM counterpart personnel beforehand. Relative to the above, IDAM offered to provide the Study Team with the results of previous surveys undertaken by IDAM.

The JICA Study Team replied to the comments and suggestions of Brazilian side as follows:
During the Study period, the JICA Study Team will identify and evaluate the status quo of the Study area with the close cooperation of IDAM, which will result in the most effective approach towards the formulation of the rural development plan.



List of Participants

[Brazilian Side]

Luis Antonio A. Cruz
Alfredo Da Silva Pinheiro
Eda Maria Oliva Souza
Almando Jorge Luz Da Silva
José Milton Barbosa Filho

IDAM, Technical Director
IDAM, Planning Development Coordinator
IDAM, Project and Program Manager
IDAM, Information Manager
IDAM, Operation Manager

[Japanese Side]

JICA Advisory Team

Toshio OGAWA

Leader of the Advisory Team

JICA Study Team

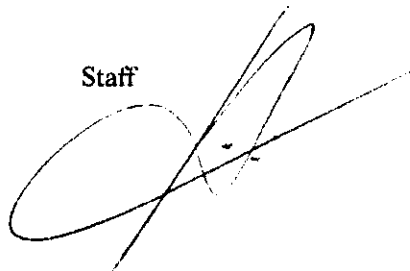
Masamitsu FUJIOKA
Shigeru KANAYA
John E. BOWMAN
Fumiaki MURAKAMI

Team Leader
Environment
Agricultural Product Processing and Distribution
Work Coordination

JICA Belem Branch office

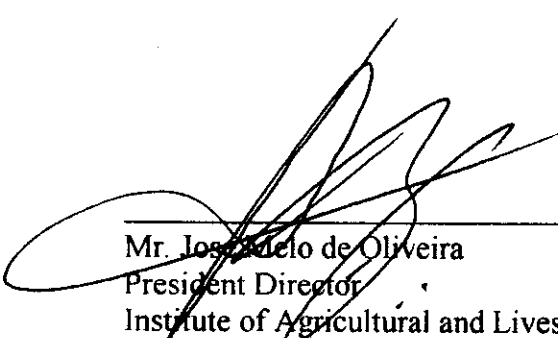
Flávio K. TODAKA

Staff



MINUTES OF MEETING
ON
PROGRESS REPORT (I)
FOR
THE STUDY
FOR
IMPROVING RURAL PEOPLE'S
LIVELIHOODS THROUGH AGRICULTURAL ACTIVITIES AND
SOUND NATURAL RESOURCES MANAGEMENT
IN
THE STATE OF AMAZONAS
IN
THE FEDERATIVE REPUBLIC OF BRAZIL

JULY 17, 2000
Manaus, Brazil



Mr. José Adelfo de Oliveira
President Director
Institute of Agricultural and Livestock
Development of the State of Amazonas
(IDAM)



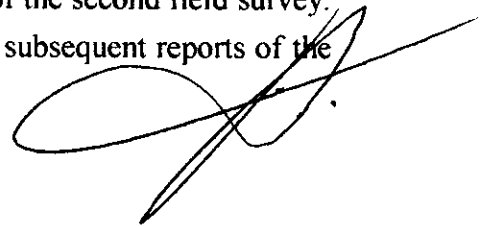
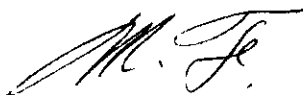
Mr. Masamitsu FUJIOKA
Leader, JICA Study Team

1. Date and Time : July 17, 2000
9:00 a.m. – 10:30 a.m.
2. Place: Meeting Room,
IDAM Headquarters, Manaus
3. Attendants: As listed in Annex
4. Summary of Discussions:

The JICA Study Team submitted 10 copies of the Progress Report (I) of English edition and 20 Copies of Portuguese edition respectively to IDAM in accordance with the "Scope of Work (S/W) for the Study for Improving Rural People's Livelihoods through Agricultural Activities and Sound Natural Resources Management in the State of Amazonas in Federative Republic of Brazil " agreed upon between IDAM and JICA on the 17th day of July, 2000.

The meeting on the Progress Report (I) was held in Manaus between IDAM and JICA Study Team. The meeting was chaired by Ms. Eda Maria Oliva Souza, Project and Program Manager of IDAM. Mr. M. Fujioka, Leader of the JICA Study Team, explained contents of the report to the attendants at the meeting. After the presentation of Mr. M. Fujioka, various discussions were made between IDAM and the JICA Study Team. The following were confirmed in the discussions:

- (1) The Progress Report (I) was generally accepted by IDAM and JICA by mutual confirmation.
- (2) Both IDAM and JICA agree that there are some important corrections that must be made to the Progress Report.
- (3) The JICA Study Team expects that the IDAM side will submit further written comments on the Progress Report (I) before the initiation of the second field survey. These comments and corrections will be incorporated into subsequent reports of the JICA Study Team.



LISTA DOS PARTICIPANTES

LADO BRASILEIRO:

Luis Antônio A Cruz
Alfredo da Silva Pinheiro
Eda Maria Oliva Souza
Maria Aldenir Mota de Brito
Ana Fabíola da Silva Coelho
Washington Luis Aguiar
Armando Jorge Luz da Silva
Marco Antônio Cerqueira
João Bosco Alves Siqueira

IDAM, Diretor Presidente
IDAM, Diretor Técnico
IDAM, Coordenador de Planejamento
IDAM, Gerente de Programas e Projetos
IDAM,
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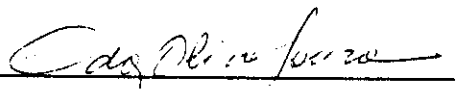
LADO JAPONÊS


Masamitsu FUJIOKA
Yoshihiko OGATA
Masanori DOI
John BOWMAN
George TELLO
Toshiaki NAGAYA
Frances RUBIN
Yasuko HACHIYA
Itsuo HAYASHI (Brazsl)

Líder do Time da JICA
Vegetais
Pescado
Processamento de Prod. Agrícolas
Frutas Tropicais
Mercado
Sociedade Rural
Coord. Financeiro
Assessoria Técnica

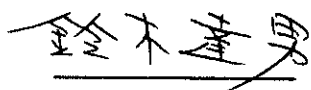
MINUTES OF MEETING
ON
THE STUDY APPROACH OF AQUACULTURE
FOR
THE STUDY FOR IMPROVING RURAL PEOPLE'S LIVELIHOODS
THROUGH
AGRICULTURAL ACTIVITIES
AND SOUND NATURAL RESOURCES MANAGEMENT
IN THE STATE OF AMAZONAS
IN THE FEDERATIVE REPUBLIC OF BRAZIL

Manaus, September 27, 2000


Eda Oliva Souza
Project and Program Manager
Institute of Agricultural and Livestock
Development of the State of Amazonas
(IDAM)


Masamitsu FUJIOKA
Team Leader, JICA Study Team

Witnessed by


Tatsuo SUZUKI
Resident Representative of JICA-Belem,
JICA Brazil Office

The Institute of Agricultural and Livestock Development of the State of Amazonas (IDAM) and the JICA study team held a discussion regarding the study approach of aquaculture for the Study for Improving Rural People's Livelihoods through Agricultural Activities and Sound Natural Resources Management in the State of Amazonas in the Federative Republic of Brazil (hereinafter, referred to as "the Study") on 27 September 2000 at IDAM Headquarters, Manaus. The following are the main issues discussed and agreed upon by the both sides.

1. Fish species to be studied

As for fish species to be investigated in the Study, IDAM and JICA agreed in the Minutes of Meetings of Scope of Work for the Study on 15 January 2000 as follows:

The study shall focus on the fishes, which IDAM is planning to develop a hatchery technology in a future on, such as pirarucu (*Arapaima gigas*), mantrinha (*Bryrycon cephalus*), surubin (*Pseudoplatystoma fasciatum*) and jaraqui (*Semaprochilodus insignis*) are to be studied.

Based upon the finding of the first field survey, the JICA study team recommended to carry out more investigation about existing aquaculture species namely tambaqui (*Colossoma macropomum*) in addition to the above four new species from the aspect of aquaculture extension to small-scale family farmers.

IDAM understood the recommendation and proposed the JICA study team to include tambaqui as an additional species to be studied.

As the result of discussion, IDAM and the JICA study team confirmed that the said four new species and tambaqui, shall be investigated development potentials in this Study from the aspect of introducing them as an alternative livelihood for the beneficiaries of the Study.

2. Scope of study

The scope of study for aquaculture is stated as 1) Market trend and 2) Rural economy and credit in the Scope of Work for this Study exchanged on 15 January 2000. This scope of the study is appropriate for the four new species. On the other hand, more study can be possible and necessary for tambaqui such as production and post harvest activities and present extension activities for agriculture product. Both IDAM and the JICA study team understood the rational of scope of study that would be extended partly.

List of Participants

[Brazilian Side]

Luis Antônio A. Cruz	IDAM, Technical Director
Eda Maria Oliva Souza	IDAM, Project and Program Manager
Armando Jorge Luz da Silva	IDAM, Information Manager
Alfredo da Silva Pinheiro	IDAM, Planning Coordinator
Maria Aldenir Mota de Brito	IDAM, Agronomist – Vegetal Production
Márcia Gonçalves Kaneko	IDAM, Manager Marketing
Geraldo Couto Araújo	IDAM, Coordinator of Rural Extention
Alfeu Ferraz Filho	IDAM, Extentionist

[Japanese Side]

JICA Study Team

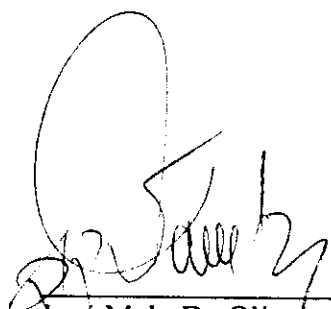
Masamitsu FUJIOKA	Team Leader
John E. BOWMAN	Agricultural Product Processing and Distribution Expert
Masanori DOI	Fishery Product Processing and Distribution Expert
Yasuko HACHIYA	Work Coordinator
Masanori OMURA	Study Supporter

JICA Belem Branch

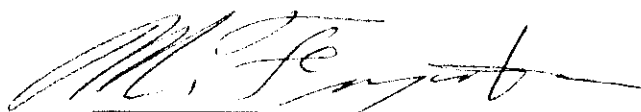
Tatsuo SUZUKI	JICA Belem, Resident Representative
Flávio K. TODAKA	JICA Belem, Staff

MINUTES OF MEETING
ON
PROGRESS REPORT II
FOR
THE STUDY FOR IMPROVING RURAL PEOPLE'S LIVELIHOODS
THROUGH
AGRICULTURAL ACTIVITIES
AND SOUND NATURAL RESOURCES MANAGEMENT
IN THE STATE OF AMAZONAS
IN THE FEDERATIVE REPUBLIC OF BRAZIL

Manaus, December 18, 2000

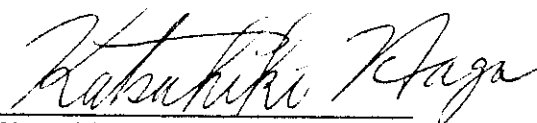


José Melo De Oliveira
President Director
Institute of Agricultural and Livestock
Development of the State of Amazonas
(IDAM)



Masamitsu FUJIOKA
Team Leader
JICA Study Team

Witness by



Katsuhiko HAGA
Resident Representative of JICA-Belem,
JICA Brazil Office

The Institute of Agricultural Development for the State of Amazonas (IDAM) and the JICA Study Team held a meeting to conclude the second field phase of "A Study to Improve the Quality of Life of Rural Populations through Agricultural Development and Sound Natural Resources Management in the State of Amazonas, Federal Republic of Brazil". The meeting was held at the headquarters of IPAAM in Manaus on the 18th of December, 2000. More than twenty participants from IDAM, JICA-Belem, the JICA Study Team, and the State Secretariat of the Interior attended the meeting. In this meeting, the JICA Study Team officially delivered Progress Report II to IDAM.

The JICA Study Team explained that whereas Progress Report I had focused on an overall description of the existing conditions in the target municipalities, Progress Report II provides a more complete description of these conditions together with an analysis of the main problems at the level of small-scale farmers. Specifically, the beneficiaries of the project were clearly defined and a series of workshops were held with the beneficiaries to identify their major problems and needs in the important areas of agronomic production, marketing, and healthcare assistance. These workshops were managed with a close cooperation between IDAM and the JICA Study Team.

Also noted was the close cooperation between IDAM and the JICA Study Team in defining the logical framework for problem analysis and objective analysis for Progress Report II. The framework focused on approaches to the three important areas of productivity and quality improvement, marketing improvement, and the improvement of social conditions. Through the close cooperation experienced in the second field phase, JICA and IDAM agreed that problem analysis for the third field phase should emphasize:

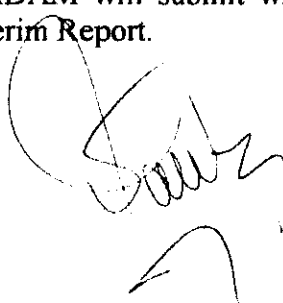
1. Solutions to the problem of poor farmer organization
2. Solutions to the problem of insufficient support services

IDAM noted that the good level of cooperation between JICA and IDAM had been maintained during the second field phase. IDAM also appreciated JICA's efforts to spend a considerable amount of time in the rural communities conducting problem analysis with the small farmers themselves. IDAM also mentioned that they look forward to continuous cooperation during the next field phase, and they promised to improve office conditions for the JICA Team.

JICA-Belem expressed its satisfaction with the collaborative work between the Study Team and IDAM, and looked forward to completion of the studies during the next field phase.

The meeting was concluded by the representative from the Secretary of the Interior, Dr. Marcos Daniel Dias de Andrade, who looked forward to working more closely with IDAM and JICA in the next field phase, and who mentioned that significant budget increases for staff and equipment are forthcoming for IDAM in 2001. In summary:

1. Progress Report II was generally accepted by IDAM and JICA by mutual confirmation
2. The JICA Study Team expects that IDAM will submit written comments on Progress Report II before submission of the Interim Report.



List of Participants

[Brazil Side]

Marcos Daniel Dias de Andrade
Eda Maria Oliva Souza
Armando Jorge Luz da Silva
Washington Luis Aguiar
Ana Fabiola Coelho
Alfeu Ferraz Filho
Marcia Goncalves Kaneko

Additional Executive Secretary / SEINT
IDAM, Project and Program Manager
IDAM, Information Manager
IDAM, Vegetal Production Manager
IDAM, Tropical Fruits / Post-harvest
IDAM, Extentionist
IDAM, Marketing Manager

[Japanese Side]

JICA Study Team

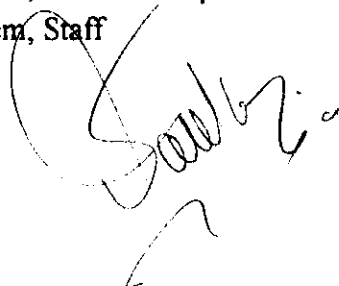
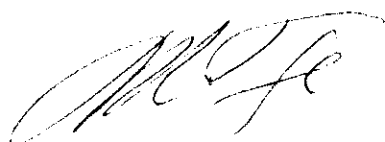
Masamitsu FUJIOKA
Shigeru KANAYA
Toshiaki NAGAYA
Suzunne S. SAULNIERS
R. ROJAS
Yoshihiko OGATA
John E. BOWMAN
Masanori DOI
Yasuko HACHIYA
Masanori OMURA

Team Leader
Environment
Marketing
Rural Society
Tropical Fruits
Vegetable
Agricultural Product Processing & Distribution
Fishery Product Processing & Distribution
Work Coodinator
Study Supporter

JICA Belem Branch

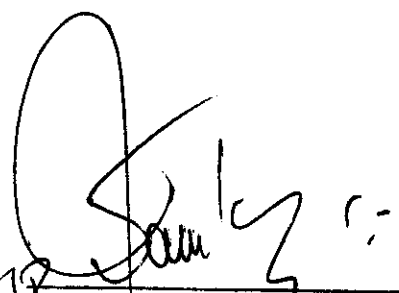
Katsuhiko HAGA
Flavio K. TODAKA

JICA Belem, Resident Representative
JICA Belem, Staff

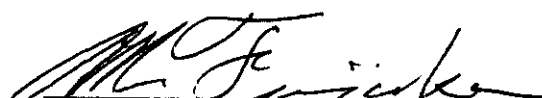


MINUTES OF MEETING
ON
INTERIM REPORT
FOR
THE STUDY FOR IMPROVING RURAL PEOPLE'S LIVELIHOODS
THROUGH
AGRICULTURAL ACTIVITIES
AND SOUND NATURAL RESOURCES MANAGEMENT
IN THE STATE OF AMAZONAS
IN THE FEDERATIVE REPUBLIC OF BRAZIL

Manaus, May 7, 2001




José Melo De Oliveira
President Director
Institute of Agricultural and Livestock
Development of the State of Amazonas
(IDAM)



Masamitsu FUJIOKA
Team Leader
JICA Study Team

Witness by



Junichi HANAI
Adviser for Project,
JICA Headquarters Office, Tokyo

**MINUTES OF MEETING
ON
THE INTERIM REPORT
FOR
THE STUDY FOR IMPROVING RURAL PEOPLE'S LIVELIHOODS
THROUGH
AGRICULTURAL ACTIVITIES
AND SOUND NATURAL RESOURCES MANAGEMENT
IN THE STATE OF AMAZONAS
IN THE FEDERATIVE REPUBLIC OF BRAZIL**

DATE: May 4 and 5, 2001

TIME: May 4: 9:00 a.m. to 6:30 p.m.
May 5: 8:30 a.m. to 11:30 a.m.

VENUE: Meeting Room, IDAM Headquarters, Manaus

ATTENDANCE: As listed in Annex

The JICA Study Team submitted 20 copies of the Interim Report written in Portuguese and 10 copies in English to IDAM on May 4, 2001. The meeting was convened to explain and discuss the Interim Report.

The meeting was opened by Mr. Junichi HANAI, the Advisor for the Project dispatched by JICA headquarters in Tokyo, who commented on the importance of this natural resources management project to the rural inhabitants of Amazonia. He also expressed the keen interest of JICA and the Consulate General of Japan in this project.

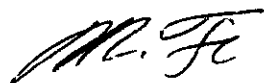
Mr. Masamitsu FUJIOKA, Team Leader of the JICA Study Team, made a detailed explanation of the Interim Report.

In principle, the Brazilian side accepted the contents of the Interim Report, and indicated that the strategies for planning proposed by the JICA Study Team were highly appreciated - especially the following matters:

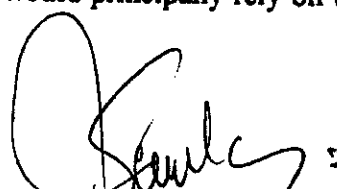
1. The following basic project approaches were selected through objective analysis.
 - 1) Productivity and quality improvement approach
 - 2) Marketing improvement approach
 - 3) Social conditions improvement approach

The above are the basic development strategies and the basic approaches for improving the livelihood of the regional inhabitants. The plan will be structured based on these basic development strategies.

Putting the basic strategies into practice would principally rely on the strength of



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farmers' organizations, and supporting services, especially those of IDAM. These correspond to the articles of "Advancement of farmers' technology and knowledge", "Strengthening farmers' organizations" and "Adequate supporting service and research" described in the objective tree. Sustainable rural development would be based on development and improvement of both farmers' and IDAM capacity, therefore capacity building of both sides is recognized to be the key strategy. Capacity building is targeted not only at farmers but for IDAM (as the main implementation agency) as well; so planning focused on this key strategy could be justifiable as a major element of the actualization plan.

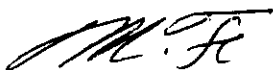
2. The following items were established as approaches to achieve the target of improvement of the support system. These approaches shall include the following sub-projects:
 - 1) The need to reorganize the organizational structure of IDAM to meet future demands of the project
 - 2) Development of IDAM's human resources
 - 3) Building the support system of IDAM (Improved technology and information network to address the lack of budget and human resources. Increased farmers participation in the extension activities.)

The IDAM side made the following comments:

1. The basic components of each sector are basically agreed upon. In the third field study, there might be increased level of participation of the municipal Mayors' office in project planning.
2. The meeting was concluded by the representative from the Secretary of the Interior, Dr. Marcos Daniel Dias de Andrade, who expressed his satisfaction with the strong sense of cooperation between IDAM and the JICA Study Team. Additionally, he reported that the State Government of Amazonas recently supplemented IDAM's budget for 2001 to approximately R\$ 60 million- a figure which represents a significant increase over the 2000 budget of R\$ 25 million. Some important projects which are already being pursued through these funds include support of:
 - 1) Processing plants for agricultural products
 - 2) Improved infrastructure for rural communities
 - 3) Implementation of agricultural programs
 - 4) Protection of the entire agro-ecosystem

The JICA Study Team replied to the comments of IDAM side as follows:

The JICA Study Team agreed that the third field study might be implemented with close cooperation between IDAM and Mayors' offices.



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List of Participants

[Brazil Side]

Marcos Daniel Dias de Andrade
Alfredo Da Silva Pinheiro
Eda Maria Oliva Souza
Armando Jorge Luz da Silva
Washington Luis Aguiar
Maria Aldenie Mota De Brito
Alfeu Ferraz Filho
Marcia Goncalves Kaneko
Geraldo Couto Araujo
Ana Paula Cardoso De Queiroz
João Bosco Alves Siqueira

Additional Executive Secretary / SEINT
IDAM, Planning Development Coordinator
IDAM, Project and Program Manager
IDAM, Information Manager
IDAM, Vegetal Production Manager
IDAM, Tropical Fruits / Post-harvest
IDAM, Extentionist
IDAM, Marketing Manager
IDAM, Technical Assist. / Rural Exp.
IDAM, Vegetal Production Engineer
IDAM, Aquaculture Manager / Fishery

[Japanese Side]

JICA Study Team

Masamitsu FUJIOKA
Rafael M. ROJAS
John E. BOWMAN
Masanori OMURA

Team Leader
Tropical Fruits
Agricultural Product Processing & Distribution
Work Coordinator

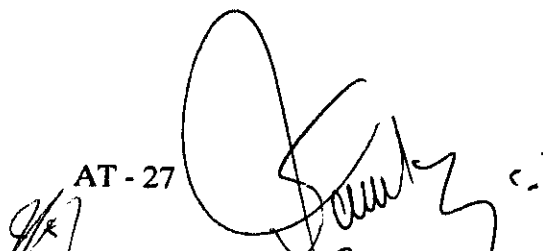
JICA Office

Junichi HANAI
Flavio K. TODAKA
Yoshinori SHIBATA

JICA Headquarter, Tokyo
JICA Belem, Staff
JICA Brazil, Staff

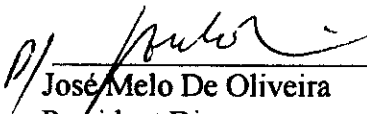


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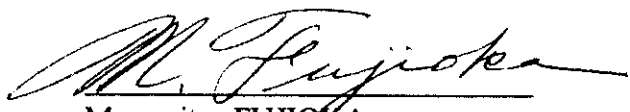


MINUTES OF MEETING
ON
PROGRESS REPORT III
FOR
THE STUDY FOR IMPROVING RURAL PEOPLE'S LIVELIHOODS
THROUGH
AGRICULTURAL ACTIVITIES
AND SOUND NATURAL RESOURCES MANAGEMENT
IN THE STATE OF AMAZONAS
IN THE FEDERATIVE REPUBLIC OF BRAZIL

Manaus, August 15, 2001

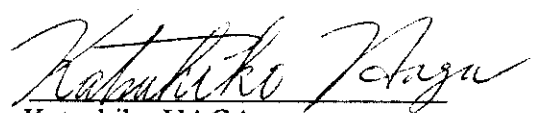


José Melo De Oliveira
President Director
Institute of Agricultural and Livestock
Development of the State of Amazonas
(IDAM)



Masamitsu FUJIOKA
Team Leader
JICA Study Team

Witness by



Katsuhiko HAGA
Resident Representative of JICA-Belem,
JICA Brazil Office

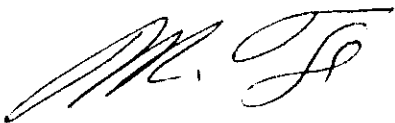
The Institute of Agricultural Development for the State of Amazonas (IDAM) and the JICA Study Team held a meeting to conclude the second phase of "A Study to Improve the Quality of Life of Rural Populations through Agricultural Development and Sound Natural Resources Management in the State of Amazonas, Federal Republic of Brazil". The meeting was held at the headquarters of IPAAM in Manaus on the 15th of August, 2001. More than thirty participants from IDAM, JICA-Belem, the JICA Study Team, the State Secretariat of the Interior, EMBRAPA, INPA, IBAMA, and IPAAM attended the meeting. In this meeting, the JICA Study Team officially delivered Progress Report III to IDAM.

The JICA Study Team explained that Progress Report III presented a summary of lessons learnt from additional field studies in order to confirm previous field studies and Final Project activities previously proposed in the Interim Report.

Progress Report III was well received by all the participants. IDAM especially appreciated the new field findings and new modifications for the Final Project activities. IDAM also appreciated the close level of cooperation between the JICA Study Team and IDAM specialists, principally those located in Manaus, Maues, Itacoatiara, and Iranduba.

The President of IDAM expressed his high level of satisfaction with the findings of the JICA Study Team, acknowledged its high level of importance to the State, and suggested that the Final Project should be extended to many other municipalities in Amazonas.

The JICA Study Team made a final suggestion that to the President of IDAM that the State should make a significant "capacity-building" effort to finance the training of IDAM staff of all technical levels, in all areas that are relevant to this Project.



List of Participants

[Brazil Side]

José Melo	IDAM, President
Marcos Daniel Dias de Andrade	Additional Executive Secretary / SEINT
Eda Maria Oliva Souza	IDAM, Project and Program Manager
Armando Jorge Luz da Silva	IDAM, Information Manager
Alfredo da Silva Pinheiro	IDAM, Technicians Manager
Ana Fabíola da Silva Coelho	IDAM, Tropical Fruits / Post-harvest
Alfeu Ferraz Filho	IDAM, Extensionist
Marcia Goncalves Kaneko	IDAM, Marketing Manager
Paulo Levy de Carvalho	IDAM, Technical Engineer of Maués
Ana Paula C. Queiroz de Paiva	IDAM, Forestry Engineer
Luiz Armando da Silva	IDAM, Agronomist
Maria Aldenir M. de Brito	IDAM, Agronomist
Geraldo Couto Araujo	IDAM, Agronomist
Hugo Stênio Gama dos Santos	IDAM, Agropecuary Technicians
Rolângio Pereira de Souza	IDAM, Agronomist
Eulinda Silveira	IBAMA, Technicians of Education
Gladys Ferreira de Souza	EMBRAPA, Researcher
José Nestor Lourenço	EMBRAPA, Project Leader
Hiroshi Noda	INPA, Substitute Researcher

[Japanese Side]

JICA Study Team

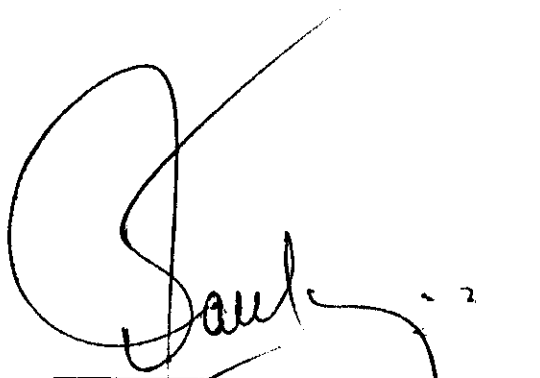
Masamitsu FUJIOKA	Team Leader
Suzanne S. SAULNIERS	Rural Society
Yoshihiko OGATA	Vegetable
John E. BOWMAN	Agricultural Product Processing & Distribution
Masanori DOI	Fishery Product Processing & Distribution
Masanori OMURA	Study Supporter

JICA Belem Branch

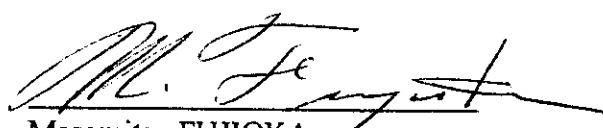
Katsuhiko HAGA	JICA Belem, Resident Representative
Flavio K. TODAKA	JICA Belem, Staff
Jun SHIMA	JICA Belem, Executive manager
Chiham MORITA	JICA Belém, Coordinator

MINUTES OF MEETING
ON
DRAFT FINAL REPORT
FOR
THE STUDY FOR IMPROVING RURAL PEOPLE'S LIVELIHOODS
THROUGH
AGRICULTURAL ACTIVITIES
AND SOUND NATURAL RESOURCES MANAGEMENT
IN THE STATE OF AMAZONAS
IN THE FEDERATIVE REPUBLIC OF BRAZIL


Manaus, January 11, 2002



Marcos Daniel Dias de Andrade
Adjunct Executive Secretary
Secretary of Interior/
Institute of Agricultural and Livestock
Development of the State of Amazons
(SEINT/IDAM)



Masamitsu FUJIOKA
Team Leader
JICA Study Team



Katsuhiko HAGA
Resident Representative of JICA-Belem,
JICA Brazil Office

MINUTES OF MEETING
ON
THE DRAFT FINAL REPORT
FOR
THE STUDY FOR IMPROVING RURAL PEOPLE'S LIVELIHOODS
THROUGH
AGRICULTURAL ACTIVITIES
AND SOUND NATURAL RESOURCES MANAGEMENT
IN THE STATE OF AMAZONAS
IN THE FEDERATIVE REPUBLIC OF BRAZIL

DATE: January 10 and 11, 2002

TIME: January 10: 9:30 a.m. to 5:30 p.m.
January 11: 9:30 a.m. to 12:30 p.m.

VENUE: Auditorium, IDAM Headquarters, Manaus

ATTENDANCE: As listed in Annex

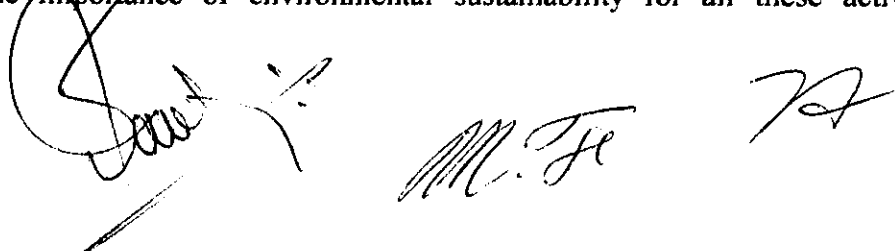
The JICA Study Team submitted 40 copies of the Draft Final Report written in Portuguese and 10 copies in English to IDAM on January 11, 2002. The meeting was convened to explain and discuss the Draft Final Report.

The meeting was opened by Mr. Katsuhiko Haga, the Coordinator for the JICA Regional Office in Belem/PARA, who commented on the importance of this study for natural resources management and rural development in the State of Amazonas.

Opening comments for the Brazilian side were made on behalf of IDAM President Director Jose Melo de Oliveira by the Adjunct Executive Secretary of IDAM, Mr. Marcos Daniel Dias de Andrade. The Brazilian side commented on the importance of the entire 2-year study process to the State of Amazonas, particularly with regard to technology transfer to counterpart staff of IDAM.

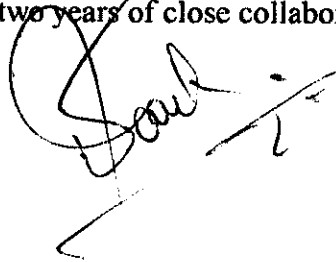
Mr. Masamitsu Fujioka, Team Leader of the JICA Study Team, made a detailed explanation of the Draft Final Report to key staff of IDAM and participants from other State and Federal cooperation agencies.

A detailed discussion on the key points of the Executive Summary of the Draft Final Report was led by Dra. Eda Maria Oliva Souza, Manager of IDAM Projects and Programs. Activities proposed by the Study Team for the strengthening of community groups, agricultural production, aquaculture production, processing, distribution, and marketing were discussed. The importance of environmental sustainability for all these activities was emphasized.



The meeting was concluded with both IDAM and JICA in agreement to the following points:

1. The Draft Final Report was accepted by IDAM without the need for any major revisions. IDAM's concluded that from its perspective, the report had met all the obligations as outlined in prior discussions between IDAM and JICA. IDAM considered the report to be of very high quality and of very high value to the State of Amazonas. IDAM complemented the JICA Study Team members for their highly professional conduct and their ability to promote the spirit of team work with IDAM counterpart staff in Manaus and in the municipalities.
2. IDAM stated that the Draft Final Report, after some minor revisions to address discrepancies in translation of technical terminology, will now be utilized as an important instrument of negotiation through which IDAM can pursue new partnerships and financing options with local, state, federal, and international agencies.
3. IDAM indicated a preliminary interest in initiating new activities and seeking technical assistance in "high priority" areas such as capacity building for IDAM staff, strengthening of community organizations, and improving market access.
4. It was agreed by both Sides that a meaningful step towards implementation of activities proposed by the Study would be for IDAM to initiate a focused and limited request for "technical cooperation" from JICA. The JICA Representative from Belem stated that the Belem Regional Office would be available to assist IDAM in its preparation of such a request, which would eventually be presented to the Government of Japan through the official channels of the "Brazilian Cooperation Agency" (ABC).
5. IDAM concluded the meeting by reiterating its extreme level of satisfaction with the Draft Final Report, while extending its sincere and deepest appreciation to JICA and the Government of Japan for over two years of close collaboration in this important effort.



List of Participants

(Brazil Side)

Marcos Daniel Dias de Andrade	Adjunct Executive Secretary - SEINT/IDAM
Alfredo da Silva Pinheiro	IDAM, Technical Manager
Eda Oliva Souza	IDAM, Coordinator of Study Team Counterparts
Armando Jorge Luz da Silva	IDAM, Chief of Planning Department
Geraldo Couto Araújo	IDAM, Chief of ATER
Hugo Stênio Gama dos Santos	IDAM, Manager of Monitoring and Control
Sidney Reis Coelho	IDAM, Director of Administration and Finance
Marcia Gonçalves Kaneko	IDAM, Agribusiness Manager
Ana Fabíola da Silva Coelho	IDAM, Iranduba
Rolângio Pereira de Souza	IDAM, Iranduba
Paulo César Levy de Carvalho	IDAM, Maués
Fernando Albreto de Lima e Silva	AFEAM
Jessé José Vieira da Cunha	AFEAM
Hiroshi Noda	INPA
Aparecida das G. Claret de Souza	EMBRAPA
André Luiz Atroch	EMBRAPA
Jeferson Luiz de Macêdo	EMBRAPA
Malvino Salvador	IBAMA

(Japanese Side)

Katsuhiko HAGA	JICA Belem, Resident Representative
Masamitsu FUJIOKA	JICA, Study Team Leader
John E. BOWMAN	JICA, Study Team Member
Yoshihiko OGATA	JICA, Study Team Member

