

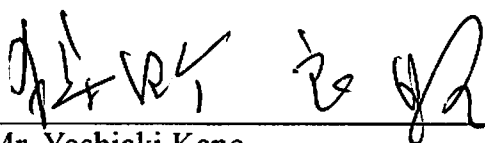
MINUTES OF MEETING
AMONG
JAPAN INTERNATIONAL COOPERATION AGENCY,
AUTHORITIES CONCERNED OF THE GOVERNMENT OF FEDERATIVE
REPUBLIC OF BRAZIL
AND AUTHORITIES CONCERNED OF THE GOVERNMENT OF
REPUBLIC OF MOZAMBIQUE
ON TRIANGULAR COOPERATION
FOR THE PROJECT FOR IMPROVING RESEARCH AND TECHNOLOGY
TRANSFER CAPACITY FOR NACALA CORRIDOR
AGRICULTURE DEVELOPMENT, MOZAMBIQUE

The Detailed Planning Survey Team (hereinafter referred to as “the Team”) jointly organized by Japan International Cooperation Agency (hereinafter referred to as “JICA”), headed by Mr. Yoshiaki Kano, and by Brazilian Cooperation Agency (hereinafter referred to as “ABC”) headed by Mr. Frederico Dimas de Paiva, visited the Republic of Mozambique from 9 August to 25 August, 2010 for the purpose of working the detail of the technical cooperation on the Project for Improving Research and Technology Transfer Capacity for Nacala Corridor Agriculture Development, Mozambique (hereinafter referred to as “the Project”) in response to the request made by the Government of Republic of Mozambique.

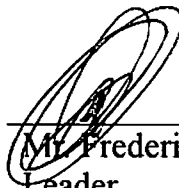
During their stay in the Republic of Mozambique, the Team exchanged views and had a series of discussions with the Mozambican authorities concerned with respect to desirable measures to be taken by JICA, ABC and the Mozambique Government for the successful implementation of above mentioned Project.

As a result, the three parties have reached a mutual understanding regarding the matters referred to the documents attached hereto.

Maputo, 25 August, 2010



Mr. Yoshiaki Kano
Leader
Detailed Planning Survey Team
Japan International Cooperation Agency



Mr. Frederico Dimas de Paiva
Leader
Brazilian Cooperation Agency (ABC)
Federative Republic of Brazil



Dr. Calisto António Laurinda Francisco Bias
General Director
Mozambique Agricultural Research Institute
Ministry of Agriculture
Republic of Mozambique

ATTACHMENT

1. BACKGROUND

Agriculture is one of the most important sectors for Mozambican economy, contributing to 23% of the country's gross national product (GNP) and employing about 80% of the total working population. The tropical savannah zone in northern part of the country has high potential for agricultural production because of its reliable rainfall pattern and a large area of cultivable land. In spite of estimates indicating a total of 36 million hectares of arable land is available in Mozambique, only 5.7 million hectares, 16% of the total, are actually being used. In addition, productivity of both self-sustenance crops and commercial crops are limited mostly due to the use of both, low inputs and traditional agricultural technology. Therefore it is foreseen an agriculture booming in agricultural production and productivity by introducing adequate technology and capital investment.

The Japan-Brazil Cooperation Programme for the Development of the Brazilian Cerrado, which started in the 70's, has implemented projects of technical and financial cooperation for about 20 years and made a great contribution not only to Brazil inland development but also to balancing the supply and demand for food in global standards by increasing food production. Through agricultural development of the Cerrado, Brazil has now a large knowledge related to sustainable agricultural development in tropical savannah zones. Based on these facts, the governments of Japan and Brazil have been investigating cooperation possibilities to assist some African countries in tropical savannah zone by transferring knowledge and technology accumulated through the Brazilian Cerrado development programmes. Considering its political stability and high agricultural potential in savannah area as mentioned before, Mozambique was nominated as the first beneficiary country of the Triangular Cooperation Programme for Agricultural Development of the African Tropical Savannah of Japan and Brazil (hereinafter referred to as the ProSAVANA -JBM").

The preparatory study on ProSAVANA-JBM which was conducted from September 2009 to March 2010, reported that *It is clear that many aspects of the knowledge accumulated during the development projects at the Brazilian Cerrado and semi-arid can be applied to contribute in the increase of agricultural production at the Mozambique savannah*". However, *"there are significant differences between the Brazilian Cerrado region and the Mozambique savannah concerning socioeconomic conditions"*. Therefore, it is necessary to establish adequate "Agriculture Development Model" for Mozambique, which requires *"results of research and investigation and the execution of pilot projects"*, as the first stage of the programme, thus, the project of Improving Research and Technology Transfer Capacity for Nacala Corridor Agriculture Development, Mozambique has been proposed by the Government of Mozambique.

In response to Mozambican Government that proposal, JICA and ABC dispatched a Detailed Survey Team in August 2010 in order to discuss with Mozambican authorities: 1 – the Project framework; 2 – the basic plan assessment; and 3 – the preliminary project evaluation.

2. PURPOSES OF THE SURVEY MISSION

- 2-1. To develop a basic plan of the Project through site survey and a series of discussion with the related organizations
- 2-2. To conduct preliminary evaluation of the basic plan by examining the viability of the Project in terms of five evaluation criteria (Relevance, Efficiency, Effectiveness, Impact and Sustainability), using the Project Cycle Management (PCM) method
- 2-3. To sign M/M that includes the result of the discussions

3. MAJOR POINTS DISCUSSED AND AGREED AMONG THE THREE PARTIES

3-1. Concept of the Project

- 3-1-1. The objective of the Project is to strengthen the capacity of the IIAM research centers in Northeast and Northwest, and to develop adequate agricultural technology and its transfer to farmers and other beneficiaries in Nacala Corridor.
- 3-1-2. The three parties confirmed that the Project is a technical cooperation and its activities are focused on the development of adequate agricultural technology for Nacala Corridor.
- 3-1-3. The Project will be implemented as a triangular cooperation among the Government of Japan, Brazil and Mozambique under the framework of the Japan Brazil Partnership Programme.

3-2. Title of the Project

The original title of the Project in the requested proposal is of the Project for Improving Research Capacity for Nacala Corridor Agriculture Development, Mozambique”.

Taking into account the Purpose of the Project, the three parties agreed to change the title to “Project for Improving Research and Technology Transfer Capacity for Nacala Corridor Agriculture, Mozambique”

3-3. Framework of the Project

As a result of the discussions, the framework of the Project is given as follows: the Tentative Master Plan (Annex 1), the Tentative Project Design Matrix (Annex 2), the Tentative Plan of Operation (Annex 3) and the Draft Record of Discussions (R/D) (Annex 4). Due to the Brazilian internal procedures, Brazil will send the input list to Japan and Mozambique until October 25, 2010. Based on this information, each of the three parties confirmed that the due approval will be obtained. In case of JICA, after going through its internal approval procedure the R/D will be formally signed by the Chief Representative of JICA Mozambique Office and the representative of Mozambique Agricultural Research Institute, on behalf of the Government of Mozambique. The framework of the Project will be finally confirmed when the R/D is signed. In case of Brazil, a Technical Cooperation Project document (PCT) will be formulated with all the activities, inputs and other related information of the Project which will be formally signed by representatives of the three parties.

3-4. Explanation of the Project purpose, Outputs and Activities of the Project

The three parties confirmed the meaning of the Project purpose, Outputs and Activities described in the Master Plan (Annex 1) as follows.

3-4-1. Project Purpose

“Appropriate agricultural technology is developed and transferred in Nacala Corridor.”

3-4-2. Output 1

“ Capacity of IIAM research centers in Northeast and Northwest is strengthened.”

<Activities>

<1-1.> To make installation/equipment inventory.

<1-2.> To repair existent installation/equipment.

<1-3.> To provide new research equipment.

<1-4.> To construct experimental laboratory in Nampula and Lichinga.

<1-5.> To train research center staff for usage and maintenance of facilities and equipment.

<1-6.> To advise IIAM Research Centers on management.

dt

3-4-3. Output 2

“Natural resources and socio-economic conditions in Nacala Corridor are evaluated.”

<Activities>

- <2-1.> To evaluate soil and vegetation.
- <2-2.> To collect and analyze meteorological data.
- <2-3.> To collect and analyze water resources data.
- <2-4.> To collect and analyze landscape data.
- <2-5.> To assess the potentiality of crop/livestock production.
- <2-6.> To develop a land use plan for agricultural purpose.
- <2-7.> To survey socio-economic conditions.

3-4-4. Output 3

“Soil improvement technology for Nacala Corridor is developed.”

<Activities>

- <3-1.> To develop soil improvement technology.
- <3-2.> To develop fertilization schemes/recommendation by crops.
- <3-3.> To develop soil conservation technology.

3-4-5. Output 4

“Appropriate cultivation technology in Nacala Corridor is developed.”

<Activities>

- <4-1.> To select appropriate crops/varieties.
- <4-2.> To develop appropriate seed production systems.
- <4-3.> To select appropriate microorganism for leguminous and other crops.
- <4-4.> To develop appropriate methods to enhance the access to water resources for agriculture purposes.
- <4-5.> To develop appropriate cropping systems

3-4-6. Output 5

“New agricultural technology developed/validated is implemented in the demonstration units.”

<Activities>

- <5-1.> To select pilot farms and to establish demonstration units for crop/livestock.
- <5-2.> To organize technology transfer activities (seminars, field days, etc) on the demonstration units for farmers.
- <5-3.> To organize training courses for extension workers.
- <5-4.> To develop a Decision Support Model applicable for farmers to select appropriate cropping system.

3-5. Mozambican Counterparts of the Project

3-5-1. Responsible agency

- Mozambique Agricultural Research Institute (IIAM), Ministry of Agriculture

45

3-5-2. Implementing agencies

- Northeast IIAM Zonal Research Center
- Northwest IIAM Zonal Research Center

3-5-3. Cooperating agency (Provincial and District level)

- Provincial Directorate of Agriculture, Nampula Province
- Provincial Directorate of Agriculture, Niassa Province
- Provincial Directorate of Agriculture, Zambezia Province
- Other related organizations

3-6. Target area of the Project

Nacala Corridor, Northern area of Mozambique

3-7. Beneficiaries

Direct beneficiaries

- The staff of Northeast and Northwest IIAM Zonal Research Centers (about 218 staff)
- Farmers from pilot units and its surroundings

Indirect beneficiaries

- Farmers in Nacala Corridor
(about 24% of all farmers households in Mozambique)

3-8. Term of the cooperation

Five years (tentatively, from November 2010 to October 2015)

3-9. Measures to be taken by JICA

3-9-1. Japanese experts

- Chief Advisor of Japanese Team
- Liaison Officer

Other Japanese experts will be dispatched when the necessity arises.

3-9-2. Training of Mozambican personnel in Japan and other countries

JICA will accept the Mozambican personnel related with the Project for technical training in Japan and other countries.

3-9-3. Provision of equipment:

JICA will provide machinery, equipment and other necessary materials for the implementation of the Project.

3-9-4. Running expenses for the Project mostly related to Japanese experts

3-10. Measures to be taken by the Government of Brazil

3-10-1. Brazilian research and extension experts

3-10-2. Technical experts for the infrastructures needed (laboratories, pilot projects, seed processing unit, etc)

3-10-3. Technical experts for developing a seed production system

3-10-4. Technical experts for livestock production

- 3-10-5. Tropical agricultural technologies developed in Brazil
- 3-10-6. Provision of materials for management, monitoring and evaluation assessments
- 3-10-7. Provision of technical publications and multimedia materials related to tropical agriculture
- 3-10-8. Provision of laboratory equipment
- 3-10-9. Provision of Brazilian made machinery for small scale farmers, seedlings and seeds
- 3-10-10. Running expenses related to Brazilian experts
- 3-10-11. Training of Mozambican personnel in Brazil
- 3-11. Measures to be taken by the Government of Mozambique
 - 3-11-1. Assignment of Counterpart personnel
Qualified personnel will be assigned continuously to work with Japanese and Brazilian experts.
 - 3-11-2. Necessary procedure to manage and use of the Equipment provided by JICA 3.-9-3 and by the Government of Brazil 3.-10-6 and 7 above.
 - 3-11-3. Provision of office space for Japanese and Brazilian Experts, land for the pilot site(s) and facilities for the Project activities
 - 3-11-4. Running expenses for the Project
Allowance and transportation cost for counterpart personnel and maintenance related costs of the office space and equipments provided
- 3-12. Administration of the Project
 - 3-12-1. The General Director of Mozambique Agricultural Research Institute, Ministry of Agriculture as the Project Director, will bear overall responsibility for the implementation of the Project.
 - 3-12-2. The Directors of Northeast and Northwest IIAM Zonal Research Centers, as the Project Managers, will be responsible for the managerial and technical matters of the Project and will conduct the Project activities.
 - 3-12-3. The Coordination Unit composed of the representatives of the three parties will be established in order to facilitate the activities of the Project.
 - 3-12-4. For the effective and successful implementation of this triangular cooperation, the important issues regarding the implementation of the Project will always be discussed among three parties, Japan, Brazil and Mozambique. When any other cooperation relating to this Project is planned between Mozambique and Brazil, or Japan and Mozambique, information will always be shared among the three parties.
 - 3-12-5. The Japanese and Brazilian experts will provide necessary technical assistance and advices to Mozambican counterpart personnel on pertaining to the implementation of the Project.

2/5

2/5

4. TENTATIVE SCHEDULE

After going through JICA's internal approval with the result of the Detailed Planning Survey, Record of Discussion (R/D) will be signed in the fourth quarter of 2010. The schedule may be subject to change during the preparation.

5. OTHER RELEVANT ISSUE

This Minutes of Meeting is written in two languages, namely, Portuguese and English. In case of any divergence in interpretation, the English version shall prevail.

Annex 1: Tentative Master Plan

Annex 2: Tentative Project Design Matrix (PDM)

Annex 3: Tentative Plan of Operation (PO)

Annex 4: Draft Record of Discussions (R/D)



(Tentative) MASTER PLAN**1. Overall Goal**

Agriculture production in Nacala Corridor is increased.

2. Project Purpose

Appropriate agricultural technology is developed and transferred in Nacala Corridor.

3. Outputs of the Project

1. Capacity of IIAM research centers in Northeast and Northwest is strengthened.
2. Natural resources and socio-economic conditions in Nacala Corridor are evaluated.
3. Soil improvement technology for Nacala Corridor is developed.
4. Appropriate cultivation technology in Nacala Corridor is developed.
5. New agricultural technology developed/validated is implemented in the demonstration units.

4. Activities of the Project

- 1-1. To make installation/equipment inventory.
- 1-2. To repair existent installation/equipment.
- 1-3. To procure new research equipment
- 1-4. To construct experimental laboratory in Nampula and in Lichinga
- 1-5. To train research center staff for usage and maintenance of facilities and equipment.
- 1-6. To advise IIAM research centers on management.

- 2-1. To evaluate soil and vegetation.
- 2-2. To collect and analyze meteorological data.
- 2-3. To collect and analyze water resources data.
- 2-4. To collect and analyze landscape data.
- 2-5. To assess the potentiality of crop/livestock production.
- 2-6. To develop a land use plan for agricultural purpose.
- 2-7. To survey socio-economic conditions.

- 3-1. To develop soil improvement technology.
- 3-2. To develop fertilization schemes/recommendation by crops.
- 3-3. To develop soil conservation technology.

- 4-1. To select appropriate crops/varieties.



- 4-2. To develop appropriate seed production systems.
- 4-3. To select appropriate microorganism for leguminous and other crops.
- 4-4. To develop appropriate methods to enhance the access to water resources for agriculture purposes.
- 4-5. To develop appropriate cropping systems.

- 5-1. To select pilot farms and to establish demonstration units for crop/livestock.
- 5-2. To organize technology transfer activities (seminars, field days, etc) on the demonstration units for farmers.
- 5-3. To organize training courses for extension workers.
- 5-4. To develop a Decision Support Model applicable for farmers to select appropriate cropping system.

5. Target Area

Nacala Corridor, Northern area of Mozambique

6. Terms of Cooperation


Five (5) years (tentatively, from November 2010 to October 2015)



Narrative Summary		Objectively Verifiable Indicators	Means of Verification	Important Assumptions
Overall Goal	Agriculture production in Nacala Corridor is increased	-Productivity of technology transferred farms increases X -Total production of technology transferred farms increase X	Progress Report of the Project Questionnaire/Interview	
Project Purpose	Appropriate agricultural technology is developed and transferred in Nacala Corridor.	-No of farmers practicing developed technology increases X -No of extension workers transferring developed technology increases X	Progress Report of the Project Questionnaire/Interview	
Outputs	1. Capacity of IIAM research centers in Northeast and Northwest is strengthened.	- (Describe concrete facility or equipment here: ex. Soil Analysis Laboratory in Namupa) is renovated -No of soil/plant analysis samples achieves X -No of items for soil/plant analysis increases X -Result of evaluation for research center staff about usage and maintenance of equipment and machinery achieves X% in scoring system defined in the beginning of the project. -Result of self evaluation for management staff about management of the Centers achieves X in scoring system defined in the beginning of the project.	Progress Report of the Project Questionnaire/Interview	-Equipment conditions of the research centers do not get worse. -Large-scale weather disaster or abnormal climate do not occur
	2. Natural resources and socio-economic conditions in Nacala Corridor are evaluated.	-Presence of soil and vegetation data -Presence of meteorological data -Presence of water resources data -Presence of landscape data -Presence of result of potentiality of crop/livestock production assessment -Presence of land use plan for agricultural purpose -Presence of result of socio-economic survey	Progress Report of the Project	
	3. Soil improvement technology for Nacala Corridor is developed.	-Presence of recommendation on soil improvement technology -Presence of recommendation on fertilizer application by crop and by soil type -Presence of recommendation on soil conservation technology	Progress Report of the Project	
	4. Appropriate cultivation technology for Nacala Corridor is developed.	-Presence of the list of appropriate crops/varieties recommended -Presence of manual for appropriate seed production systems -Presence of the list of appropriate microorganism tested -Presence of appropriate methods to enhance the access to water resources for agriculture purposes -Presence of recommendation on appropriate cropping system	Progress Report of the Project	
	5. New agricultural technology developed/validated is implemented in the demonstration units.	-No of participants in seminars of demonstration is X by gender -No of participants showing interests in technology demonstrated in seminars is X by gender -No of training courses for extension workers is X by gender -No of participants in training course for extension is X by gender -Presence of the manual for Decision Support Model -Presence of list of validated technology	Progress Report of the Project Questionnaire/Interview	
Activities	1-1. To make installation/equipment inventory. 1-2. To repair existed installation/equipment. 1-3. To provide new research equipment. 1-4. To construct experimental laboratory in Namupa and Lichinga. 1-5. To train research center staff for usage and maintenance of facilities and equipment. 1-6. To advise IIAM Research Centers on management	Inputs Japanese party -Long-term experts -Chief Advisor of Japanese Team -Liaison Officer -Short-term experts as necessary -Tropical agricultural technologies developed in Japan -Vehicles -Construction of experimental laboratory -Installation irrigation facility in the Research Centers -Provision of equipments -Cost of seminars/workshops -Trainings in Japan		-Trained staff of the research centers remain working at the centers.
	2-1. To evaluate soil and vegetation. 2-2. To collect and analyze meteorological data. 2-3. To collect and analyze water resources data. 2-4. To collect and analyze landscape data. 2-5. To assess the potentiality of crop/livestock production. 2-6. To develop a land use plan for agricultural purpose. 2-7. To survey socio-economic conditions.			
	3-1. To develop soil improvement technology. 3-2. To develop fertilization schemes/recommendation by crops. 3-3. To develop soil conservation technology.	Brazilian party -Brazilian research and extension experts -Technical experts for the infra structures needed (laboratories, pilot projects, seed processing unit, etc) -Technical experts for developing a seed production system -Technical experts for livestock production		
	4-1. To select appropriate crops/varieties. 4-2. To develop appropriate seed production systems. 4-3. To select appropriate microorganism for leguminous and other crops. 4-4. To develop appropriate methods to enhance the access to water resources for agriculture purposes. 4-5. To develop appropriate cropping systems.	-Tropical agricultural technologies developed in Brazil -Provision of materials for management, monitoring and evaluation assessments -Provision of technical publications and other editions related to tropical agriculture -Provision of laboratory equipments -Provision of Brazilian made machinery for small scale farmers, seedlings and seeds -Running expenses related to Brazilian experts -Training of Mozambican personnel in Brazil		
	5-1. To select pilot farms and to establish demonstration units for crop/livestock. 5-2. To organize technology transfer activities (seminars, field days, etc) on the demonstration units for farmers. 5-3. To organize training courses for extension workers. 5-4. To develop a Decision Support Model applicable for farmers to select appropriate cropping system.	Mozambican party -Assignment of counterpart personnel (IIAM research centers in Northeast and Northwest) -Provision of office space for experts. -Provision of demonstration units. -Additional personnel in IIAM research centers. -Running expenses for the Project		-Pre-conditions -Farmers nearby agree on cooperation

(Tentative)
PLAN OF OPERATION (POI)

		2010												2011												2012												2013												2014												2015												
		10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12										
Output 1: Capacity of IIAM research centers in Northeast and Northwest is strengthened	ACTIVITIES																																																																									
	1-1. To make installation/equipment inventory.																																																																									
	1-2. To repair existent installation/equipment.																																																																									
	1-3. To provide new research equipment.																																																																									
	1-4. To construct experimental laboratory in Nampula and Lebanga																																																																									
	1-5. To train research center staff for usage and maintenance of facilities and equipment																																																																									
	1-6. To advise IIAM Research Centers on management																																																																									
	Output 2: Natural resources and socio-economic conditions at Nacala Corridor are evaluated	2-1. To evaluate soil and vegetation																																																																								
		2-2. To collect and analyze meteorological data																																																																								
		2-3. To collect and analyze water resources data																																																																								
		2-4. To collect and analyze landscape data																																																																								
		2-5. To assess the potentiality of crop/livestock production																																																																								
		2-6. To develop a land use plan for agricultural purpose.																																																																								
		2-7. To survey socio-economic conditions.																																																																								
		2-8. To develop soil improvement technology																																																																								
	Output 3: Soil improvement technology for Nacala Corridor is developed	3-1. To develop fertilization schemes/recommendation by crops																																																																								
3-2. To develop soil conservation technology																																																																										
3-3. To select appropriate crops/varieties.																																																																										
Output 4: Appropriate cultivation technology in Nacala Corridor are developed.	4-1. To develop appropriate seed production systems																																																																									
	4-2. To select appropriate microorganisms for leguminous and other crops.																																																																									
	4-3. To develop appropriate methods to enhance the access to water resources for agriculture purposes																																																																									
	4-4. To develop appropriate cropping systems.																																																																									
	4-5. To select pilot farms and to establish demonstration units for crop/livestock.																																																																									
	4-6. To organize technology transfer activities (seminars, field days, etc) on the demonstration units for farmers.																																																																									
Output 5: New agricultural technology developed/validated is implemented in the demonstration units.	5-1. To organize training courses for extension workers																																																																									
	5-2. To develop a Decision Support Model applicable for farmers to select appropriate cropping system.																																																																									
	5-3. To develop a Decision Support Model applicable for farmers to select appropriate cropping system.																																																																									
	5-4. To develop a Decision Support Model applicable for farmers to select appropriate cropping system.																																																																									
Dispatch of Japanese experts	J Chief Advisor of Japanese Team																																																																									
	J Larson Officer																																																																									
	J Other experts																																																																									
	J Experts																																																																									
Dispatch of Brazilian experts	B Chief Advisor of Brazilian Team																																																																									
	B Larson Officer																																																																									
	B Other experts																																																																									
	B Experts																																																																									
Joint evaluation (mid-term review & terminal evaluation)	Joint Coordinating Committee (JCC)																																																																									
	Joint evaluation (mid-term review & terminal evaluation)																																																																									
OUTPUT	ACTIVITIES																																																																									



RECORD OF DISCUSSIONS
BETWEEN
JAPAN INTERNATIONAL COOPERATION AGENCY
AND
AUTHORITIES CONCERNED OF THE GOVERNMENT OF
REPUBLIC OF MOZAMBIQUE
ON
TRIANGULAR COOPERATION
FOR THE PROJECT FOR IMPROVING RESEARCH
AND TECHNOLOGY TRANSFER CAPACITY
FOR NACALA CORRIDOR AGRICULTURE DEVELOPMENT, MOZAMBIQUE

The Chief Representative of the Japan International Cooperation Agency (hereinafter referred to as “JICA”) in the Republic of Mozambique had a series of discussions with the Mozambican authorities concerned on desirable measures to be taken by JICA and the Government of Republic of Mozambique for the successful implementation of the Project for Improving Research and Technology Transfer Capacity for Nacala Corridor Agriculture Development, Mozambique.

As a result of the discussions, and in accordance with provisions of the Agreement on Technical Cooperation between the Government of Japan and the Government of Republic of Mozambique, signed in Maputo, Mozambique on March 30, 2005 (hereinafter referred to as the Agreement) and under the framework of Japan Brazil Partnership Programme (hereinafter referred as “JBPP”), the Chief Representative of JICA and the representative of Mozambican authorities agreed to recommend to their respective Governments the matters referred to in the document attached hereto.

Maputo ++ ++, 2010

Mr. Masami SHUKUNOBE
Chief Representative
Mozambique Office
Japan International Cooperation Agency

Dr. Calisto António Laurinda Francisco Bias
General Director
Mozambique Agricultural Research Institute
Ministry of Agriculture
Republic of Mozambique

JA

(DRAFT)
THE ATTACHED DOCUMENT

I. COOPERATION BETWEEN JICA AND MOZAMBIQUE GOVERNMENT

1. The Government of Republic of Mozambique (hereinafter referred to as “the Government of Mozambique”) will implement the Project for Improving Research and Technology Transfer Capacity for Nacala Corridor Agriculture Development, Mozambique (hereinafter referred to as “the Project”) in cooperation with JICA.
2. The Project will be implemented in accordance with the Master Plan which is given in Annex I.

II. MEASURES TO BE TAKEN BY JICA

In accordance with the laws and regulations in force in Japan, JICA, as the executing agency for technical cooperation by the Government of Japan, will take, at its own expense, the following measures according to the normal procedures under the Technical Cooperation Scheme of Japan.

1. DISPATCH OF JAPANESE EXPERTS

JICA will provide the services of the Japanese experts as listed in Annex II.

2. PROVISION OF MACHINERY AND EQUIPMENT

The Government of Japan will provide such machinery, equipment and other materials (hereinafter referred to as “the Equipment”) necessary for the implementation of the Project as listed in Annex III. The Equipment will become the property of the Government of Mozambique upon being delivered C.I.F. (cost, insurance and freight) to the Mozambican authorities concerned at the ports and/or airports of disembarkation.

3. TRAINING OF MOZAMBIKAN PERSONNEL IN JAPAN, BRAZIL AND/OR OTHER COUNTRIES

JICA will receive the Mozambican personnel connected with the Project for technical training in Japan , Brazil and/or Other Countries on JBPP cost share basis.

III. MEASURES TO BE TAKEN BY THE GOVERNMENT OF MOZAMBIQUE

1. The Government of Mozambique will take necessary measures to ensure that the self-reliant operation of the Project will be sustained during and after the period of Japanese technical cooperation, through full and active involvement in the Project by all related authorities, beneficiary groups and institutions.

MP

(DRAFT)

2. The Government of Mozambique will ensure that the technologies and knowledge acquired by the Mozambican nationals as a result of Japanese technical cooperation will contribute to food security and poverty reduction and commercial agriculture in Mozambique.
3. The Government of Mozambique will grant in Mozambique, privileges, exemptions and benefits as listed in Annex IV and will grant privileges, exemptions and benefits no less favorable than those granted to experts of third countries or international organizations performing similar missions to the Japanese experts referred to in II above and their families.
4. The Government of Mozambique will ensure that the Equipment referred to in III above will be utilized effectively for the implementation of the Project in consultation with the Japanese experts referred to in Annex II.
5. The Government of Mozambique will take necessary measures to ensure that the knowledge and experience acquired by the Mozambican personnel from technical training in Japan, Brazil and/or other countries will be utilized effectively in the implementation of the Project.
6. In accordance with the laws and regulations in force in Mozambique, the Government of Mozambique will take necessary measures to provide at its own expense:
 - (1) Services of the Mozambican counterpart personnel and administrative personnel as listed in Annex V;
 - (2) Land, buildings and facilities as listed in Annex VI;
 - (3) Supply or replacement of machinery, equipment, instruments, vehicles, tools, spare parts and any other materials necessary for the implementation of the Project other than the Equipment provided through JICA under III above ;
 - (4) Obtain means of transport for official travel within Mozambique.
 - (5) Expenses necessary for transportation within Mozambique of the Equipment referred to in III above as well as for the installation, operation and maintenance thereof;
 - (6) Customs duties, internal taxes and any other charges, imposed in Mozambique on the Equipment and Materials referred to in III above; and
 - (7) Running expenses necessary for the implementation of the Project.

NT

(DRAFT)

IV. ADMINISTRATION OF THE PROJECT

1. The General Director of Mozambique Agricultural Research Institute, Ministry of Agriculture, as the Project Director, will bear overall responsibility for the administration and implementation of the Project.
2. The Director of Northeast IIAM Zonal Research Center and Northwest IIAM Zonal Research Center, as the Project Manager, will be responsible for the managerial and technical matters of the Project and conduct the Project activities.
3. Chief Advisor of Japanese Team will provide necessary recommendations and advice to the Project Director and the Project Manager on any matters pertaining to the implementation of the Project.
4. The Japanese experts will give necessary technical guidance and advice to the Mozambican counterpart personnel on technical matters pertaining to the implementation of the Project.
5. For the effective and successful implementation of technical cooperation for the Project, a Joint Coordinating Committee will be established whose functions and composition are described in Annex VII.

V. JOINT EVALUATION

Evaluation of the Project will be conducted jointly by JICA , the Brazilian authorities and the Mozambican authorities concerned, at the middle and during the last six months of the cooperation term in order to examine the level of achievement.

VI. CLAIMS AGAINST JAPANESE EXPERTS

The Government of Mozambique undertakes to bear claims, if any arises, against the Japanese experts engaged in technical cooperation for the Project resulting from, occurring in the course of, or otherwise connected with the discharge of their official functions in Mozambique except for those arising from the willful misconduct or gross negligence of the Japanese.

VII. MUTUAL CONSULTATION

There will be mutual consultation between JICA, Brazil and Mozambique Government on any major issues arising from, or in connection with this Attached Document.



(DRAFT)

VIII. MEASURES TO PROMOTE UNDERSTANDING OF AND SUPPORT FOR THE PROJECT

For the purpose of promoting support for the Project among the people of Mozambique, the Government of Mozambique will take appropriate measures to make the Project widely known to the people of Mozambique.

IX. TERM OF COOPERATION

The duration of the technical cooperation for the Project under this Attached Document will be five (5) years from the date of the first dispatch of expert of JICA.

(DRAFT)

LIST OF ANNEX

ANNEX I	MASTER PLAN
ANNEX II	LIST OF JAPANESE AND BRAZILIAN EXPERTS
ANNEX III	LIST OF MACHINERY AND EQUIPMENT
ANNEX IV	PRIVILEGES, EXEMPTIONS AND BENEFITS FOR JAPANESE AND BRAZILIAN EXPERTS
ANNEX V	LIST OF MOZAMBIQUE COUNTERPART AND ADMINISTRATIVE PERSONNEL
ANNEX VI	LIST OF LAND, BUILDINGS AND FACILITIES
ANNEX VII	JOINT COORDINATING COMMITTEE

(DRAFT)

ANNEX I MASTER PLAN

1. Overall Goal

Agriculture production in Nacala Corridor is increased..

2. Project Purpose

Appropriate agricultural technology is developed and transferred in Nacala Corridor.

3. Outputs of the Project

1. Capacity of IIAM research centers in Northeast and Northwest is strengthened.
2. Natural resources and socio-economic conditions in Nacala Corridor are evaluated.
3. Soil improvement technology for Nacala Corridor is developed.
4. Appropriate cultivation technology for Nacala Corridor is developed.
5. New agricultural technology developed/validated is implemented in the demonstration units.

4. Activities of the Project

- 1-1.To make installation/equipment inventory.
- 1-2.To repair existent installation/equipment.
- 1-3.To procure new research equipment
- 1-4.To construct experimental laboratory in Nampula and in Lichinga
- 1-5.To train research center staff for usage and maintenance of facilities and equipment.
- 1-6.To advise IIAM research centers on management.

- 2-1. To evaluate soil and vegetation.
- 2-2. To collect and analyze meteorological data.
- 2-3. To collect and analyze water resources data.
- 2-4. To collect and analyze landscape data.
- 2-5. To assess the potentiality of crop/livestock production.
- 2-6. To develop a land use plan for agricultural purpose.
- 2-7. To survey socio-economic conditions.

- 3-1. To develop soil improvement technology.
- 3-2. To develop fertilization schemes/recommendation by crops.
- 3-3. To develop soil conservation technology.

- 4-1. To select appropriate crops/varieties.

(DRAFT)

4-2. To develop appropriate seed production systems.

4-3. To select appropriate microorganism for leguminous and other crops.

4-4. To develop appropriate methods to enhance the access to water resources for agriculture purposes.

4-5. To develop appropriate cropping systems.

5-1. To select pilot farms and to establish demonstration units for crop/livestock.

5-2. To organize technology transfer activities (seminars, field days, etc) on the demonstration units for farmers.

5-3. To organize training courses for extension workers.

5-4. To develop a Decision Support Model applicable for farmers to select appropriate cropping system.

5. Target Area

Nacala Corridor, Northern area of Mozambique

6. Terms of Cooperation

Five (5) years (tentatively, from November 2010 to October 2015)

(DRAFT)

ANNEX II
LIST OF JAPANESE EXPERTS

- Chief Advisor of Japanese Team
- Liaison Officer

Other experts will be dispatched when the necessity arises.

Note: The assignment schedule of the experts will be fixed depending on the progress of the Project and availability of the suitable experts. The number and terms of reference of experts will be decided in consideration of the progress of the Project through mutual consultation.

(DRAFT)

ANNEX III

LIST OF MACHINERY, EQUIPMENT AND MATERIALS

1. Vehicle
2. Construction of experimental laboratory
3. Laboratory equipment
4. Reagent
5. Office equipment

(DRAFT)

ANNEX IV

PREVILEGES, EXEMPTIONS AND BENEFITS FOR JAPANESE EXPERTS AND THEIR FAMILIES

1. Exemption from income tax and other charges of any kind imposed on or in connection with the living allowances remitted from abroad.
2. Exemption from import tax, export duties and any other charges in respect of personal and household effects of the Japanese experts and their families, including one motor vehicle per expert and per family.
3. The Government of Mozambique will use all of its available means to provide medical and other necessary assistance to the Japanese experts and their families, equivalent to that of Mozambican civil servants.
4. To issue, upon application, entry and exit visas for the Japanese experts and their families free of charge.
5. To issue an identification card to the Japanese experts and their families to secure the cooperation of all governmental organizations necessary for the performance of the duties of the experts.
6. Exemption from customs duties for import and export of professional equipment by the Japanese experts in connection with the activities of the Project.

(DRAFT)

ANNEX V

LIST OF MOZAMBICAN COUNTERPART AND ADMINISTRATIVE PERSONNEL

1. Project Director:

The General Director of Mozambique Agricultural Research Institute, Ministry of Agriculture

2. Project Manager:

The Directors of Northeast and Northwest IIAM Zonal Research Centers

3. Counterpart Personnel:

(1) Personnel(s) , Northeast IIAM Zonal Research Center

(2) Personnel (s), Northwest IIAM Zonal Research Center

Note: Suitably qualified personnel will be assigned continuously to work with Japanese experts as specified in ANNEX II.

4. Other personnel mutually agreed upon as necessary

(DRAFT)

ANNEX VI

LIST OF LAND, BUILDINGS AND FACILITIES

1. Land, buildings and facilities necessary for implementation of the project
2. Rooms and space necessary for installation and storage of equipment
3. Office space and necessary facilities for the Japanese and Brazilian experts and related staff members
4. Other facilities mutually agreed upon as necessary

ANNEX VII

JOINT COORDINATING COMMITTEE

1. JOINT COORDINATING COMMITTEE

The Joint Coordinating Committee will meet once a year and whenever the necessity arises.

(1) Functions

- 1) To formulate the Annual Work Plan of the Project
- 2) To review the overall progress and annual expenditure of the Project.
- 3) To review and exchange views on major issues arising from or in connection with the Project.

(2) Chairperson: General Director of Mozambique Agricultural Research Institute (IIAM)

(3) Members

1) Mozambican side:

Ministry of Agriculture

- (a) Advisor, Cabinet of Minister of Agriculture
- (b) Head of Department of International Cooperation
- (c) Director of National Directorate of Agricultural Extension
- (d) Director of Center for Promotion of Agriculture (CEPAGRI)

IIAM

- (e) Director of IIAM Northeast zonal centre
- (f) Director of IIAM Northwest zonal centre

Provincial government

- (g) Provincial Director of Agriculture, Nampula
- (h) Provincial Director of Agriculture, Niassa
- (i) Provincial Director of Agriculture, Zambezia

2) Japanese side:

- (a) Japanese experts
- (b) Chief Representative of the JICA Mozambique Office
- (c) Representative of JIRCAS in Mozambique
- (d) Personnel concerned to be dispatched by JICA

2) Brazilian side:

- (a) Brazilian experts
- (b) Chief Representative of the ABC Mozambique Office
- (e) Chief Representative of the EMBRAPA Mozambique Office
- (f) Personnel concerned to be dispatched by JICA

Notes:

- (1) Officials of the Embassy of Japan and Brazil may attend the Joint Coordinating Committee meetings as observers.

(DRAFT)

(2) Persons who are invited by the Chairperson may attend the Joint Coordinating Committee meeting.