

資 料 編

1. 討議議事録 (R/D) 英文

THE RECORD OF DISCUSSIONS BETWEEN THE JAPANESE IMPLEMENTATION SURVEY TEAM (NEGOTIATION TEAM) AND THE AUTHORITIES CONCERNED OF THE GOVERNMENT OF THE UNITED REPUBLIC OF TANZANIA ON THE JAPANESE TECHNICAL COOPERATION FOR THE IMPLEMENTATION OF KILIMANJARO AGRICULTURAL DEVELOPMENT CENTER AND KILIMANJARO INDUSTRIAL DEVELOPMENT CENTER PROJECTS

The Japanese Implementation Survey Team (hereinafter referred to as "the Team") organized by the Japan International Cooperation Agency (hereinafter referred to as JICA) and headed by Mr. Michimoto Goto, Director of the Planning Division, the Planning Department, Japan International Cooperation Agency, visited the United Republic of Tanzania from 27th August 1978 to 13th September 1978 for the purpose of working out the details of the technical cooperation program concerning Kilimanjaro Agricultural Development Center (hereinafter referred to as KADC) and Kilimanjaro Industrial Development Center (hereinafter referred to as KIDC) Projects in the United Republic of Tanzania.

During its stay in the United Republic of Tanzania, the Team exchanged views and had a series of discussions with the Tanzanian authorities concerned in respect of the necessary measures to be taken for the immediate implementation of the above-mentioned Projects.

As a result of the discussions, the Team and the Tanzanian authorities concerned agreed to recommend to their respective Governments the matters referred to in the document attached hereto.

THE ATTACHED DOCUMENT

I. COOPERATION BETWEEN BOTH GOVERNMENTS

1. The Government of Japan and the Government of the United Republic of Tanzania will cooperate in implementing KADC and KIDC Projects (hereinafter referred to as "the Projects") for the purpose of contributing to the promotion of the regional development in Kilimanjaro Region through the agricultural development project which aims at the improvement of agricultural infrastructure and the increase in productivity and through the industrial development project which aims at the establishment of the industrial infrastructure and the promotion of industrialization.
2. (1) The Projects which will be implemented by the Government of Japan and the

Government of Tanzania will comprise of the completion of the buildings and facilities necessary for the implementation of the Projects as outlined in Annex I.

- (2) The Projects will be implemented in accordance with the annual work plan to be formulated by the Regional Management Team (hereinafter referred to as RMT).

II. DISPATCH OF EXPERTS

1. In accordance with the laws and regulations in force in Japan, the Government of Japan will take necessary measures through JICA to provide at its own expense services of the Japanese experts as listed in Annex II through normal procedures under the Technical Cooperation Scheme of Japan and Tanzania.
2. The Japanese experts referred to in 1 above and their families will be granted in the United Republic of Tanzania the privileges, exemptions and benefits as listed in Annex III and normal privileges, exemptions and benefits given to the similar experts in Tanzania.

III. PROVISION OF MACHINERY AND EQUIPMENT

1. In accordance with the laws and regulations in force in Japan, the Government of Japan will take necessary measures through JICA to provide at its own expense such machinery, equipment and other materials necessary for the implementation of the Projects as listed in Annex IV, through the normal procedures under the Technical Cooperation Scheme of Japan.
2. The articles referred to in 1 above will become the property of the Government of the United Republic of Tanzania upon being delivered c.i.f. to the Tanzanian authorities concerned at the ports and/or airports of disembarkation, and will be utilized exclusively for the implementation of the Projects.

IV. TRAINING OF TANZANIAN PERSONNEL IN JAPAN

1. In accordance with the laws and regulations in force in Japan, the Government of Japan will take necessary measures through JICA to receive at its own expense the Tanzanian personnel connected with the Projects for technical training in Japan through the normal procedures under the Technical Cooperation Scheme of Japan.
2. The Government of the United Republic of Tanzania will take necessary measures to ensure that the knowledge and experience acquired by the Tanzanian personnel from technical training in Japan will be utilized effectively for the implementation of the Projects.

V. MEASURES TO BE TAKEN BY THE GOVERNMENT OF THE UNITED REPUBLIC OF TANZANIA

1. In accordance with the laws and regulations in force in the United Republic of Tanzania, the Government of the United Republic of Tanzania will take necessary measures to provide at its own expense:
 - (1) Services of the Tanzanian counterpart personnel and administrative personnel as listed in Annex V;
 - (2) Land, temporary buildings and facilities necessary for the activities at the beginning of the Projects;
 - (3) Supply of replacement of machinery, equipment, instruments, vehicles, tools, spare parts and any other materials necessary for the implementation of the Projects other than those provided through JICA under III above;
 - (4) Whenever necessary, transportation facilities and travel allowance for the Japanese experts for the official travel within the United Republic of Tanzania;
 - (5) Suitably furnished accommodation for the Japanese experts and their families to the best of its capacities.
2. In accordance with the laws and regulations in force in the United Republic of Tanzania, the Government of the United Republic of Tanzania will take necessary measures to meet:
 - (1) Expenses necessary for the transportation within the United Republic of Tanzania of the articles referred to in III above as well as for the installation, operation and maintenance thereof;
 - (2) Customs duties, internal taxes and any other charges, imposed in the United Republic of Tanzania on the articles referred to in III above;
 - (3) All running expenses necessary for the implementation of the Projects.

VI. ADMINISTRATION OF THE PROJECTS

1. The Regional Development Director (hereinafter referred to as RDD) of Kilimanjaro Region, will bear overall responsibility for the implementation of the Projects under the supervision of Prime Minister's Office.
2. The Japanese experts will take the appropriate care on the technical matters and provide the advisory services on technical and managerial matters for the Projects in close collaboration with the Tanzanian counterpart personnel concerned.

3. The activities for the implementation of the Projects will be carried out by the Tanzanian counterparts personnel with an assistance of the Japanese Experts.
4. (1) A Regional Management Team shall be empowered to ensure successful and effective implementation of the Projects.
(2) The meeting of RMT, under the chairmanship of RDD, will be held regularly.
(3) Japanese experts will attend the meeting of RMT as advisors.

VII. CLAIMS AGAINST JAPANESE EXPERTS

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

VIII. MUTUAL CONSULTATION

There will be mutual consultation between the two Governments on any major issues arising from, or in connection with this Attached Document.

IX. TERM OF COOPERATION

This Record of Discussions will be effective from the date of its signing and will be terminated after four (4) years from this date, or otherwise terminated or extended by mutual consultation.

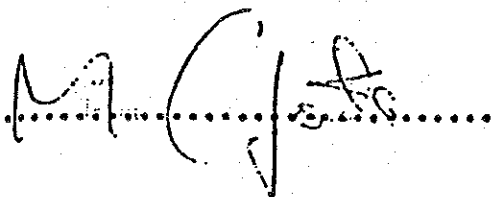
Dar es Salaam, September 13, 1978

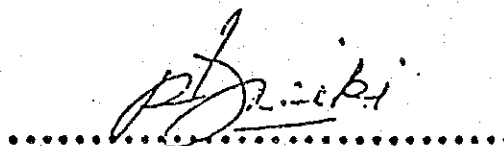
FOR THE JAPANESE DELEGATION

Michimoto Goto
Director of the Planning Division
Planning Department
Japan International Cooperation Agency

FOR THE TANZANIAN DELEGATION

Richard E. Mariki
Director of External Finance,
Ministry of Finance and Planning


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ANNEX I. ACTIVITIES FOR THE PREPARATORY STAGE

During the preparatory Stage, the Projects will consist of the following functional activities:

A. Kilimanjaro Agricultural Development Centre Project

1. Activities for the Preparatory Stage

(1) Technical Advice and Supervisory Works

Technical advice and supervisory works will be provided to carry out the following activities;

- To conduct planning and survey to improve agricultural infrastructure in Lower Moshi Area (about 3,000 ha) which includes pumping station, irrigation and drainage canal and farm road;
- To conduct surveys for water resources development in Mt. Kilimanjaro area, Lower Hai area, Lower Rombo area, North Pare area, and West Pare area.
- To construct buildings and utilities of the KADC;
- To establish facilities of the Agricultural Mechanical Center.

(2) Establishment of Trial Farm

A trial farm (10 ha) will be constructed in Chekereni and Mtakuja villages. Following activities will be carried out;

- To conduct studies and designing for a trial farm;
- To construct the trial farm;
- To cultivate rice and vegetables in the trial farm;
- To test the cultivation techniques for rice and vegetables to apply to other areas in Lower Moshi.

(3) Extension Services

Extension services will be conducted to farmers by mobile units in order to improve the technique of;

- Cultivation for rice and vegetables;
- Agricultural machinery with spare parts provided in Section III above for better use and repair.

(4) Training of Manpower

- On-the-job training will be carried out by the Japanese experts in consultation with the Tanzanian counterpart personnel.
- Appropriate Tanzanian counterpart personnel will be trained in Japan.

(5) Planning and Coordination

- Detailed implementation programme will be made up in consultation with the Tanzanian counterpart personnel.
- Coordination among various functional activities and programmes will be made in consultation with Tanzanian counterpart personnel.

B. Kilimanjaro Industrial Development Center Project

1. Activities for the Preparatory Stage

(1) Studies and Surveys

- Surveys will be conducted to establish feasible workshops (foundry, forging, mechanical engineering and testing facilities) and pilot factories (ceramic and briquet) on raw materials, supplementary goods, order-made products to be produced.
- Feasibility studies will be conducted to identify the potential industries for investment.

(2) Technical Advice and Supervisory Works

Technical advice and supervisory works will be provided to carry out the following activities;

- To construct buildings and utilities of the KIDC and its annexes;
- To establish common facilities and pilot factories in the Moshi Industrial Estate, and other facilities in the extensional service stations (Rombo and Pare Industrial Stations) and unit (Moshi Exhibition Unit) of the KIDC;

- To select and make specifications of machines and equipment to be installed in the factories in the Moshi Industrial Estate.
- (3) Industrial Promotion Services
- Industrial Promotion services will be provided by mobile units on technological matters, marketing methods, management methods, new investments, etc.;
- (4) Training of Manpower
- On-the-job training will be carried out by the Japanese experts in consultation with the Tanzanian counterpart personnel.
 - Appropriate Tanzanian counterpart personnel will be trained in Japan.
- (5) Planning and Coordination
- Organization of the KIDC will be set up in accordance with the normal Government machinery in this Region.
 - Detailed implementation programmes will be made up in consultation with the Tanzanian counterpart personnel.
 - Coordination among various functional activities and programmes will be made in consultation with the Tanzanian counterpart personnel.

ANNEX II JAPANESE EXPERTS

1. Project Manager

(A.) Agricultural Team

2. Team Leader

3. Experts in the fields of;

Irrigation and Drainage
Land Consolidation
Water Resources
Agronomy
Agricultural Machinery
Extension

(B.) Industrial Team

4. Team Leader

5. Experts in the fields of;

Management
Mechanical Engineering
Electroplating
Foundry
Forging
Eathenware
Briquet

- Notes:
1. Agricultural or Industrial Team Leader may assume the post of Project Manager concurrently.
 2. If necessary, short term experts will be dispatched.
 3. Above Annex II is subject to change by mutual consultation between the two Governments.

ANNEX III PRIVILEGES, EXEMPTIONS, AND BENEFITS

1. Exemptions from income tax and charges of any kind imposed on or in connection with the living allowances remitted from abroad.
2. Exemptions from import and export duties and any other charge in respect of personal and household effects, including one motor vehicle per family, which may be brought into the United Republic of Tanzania from abroad.
3. Free medical services and facilities to the Japanese experts and their families.

ANNEX IV. LIST OF MACHINERY AND EQUIPMENT

A. Kilimanjaro Agricultural Development Centre Project

1. Construction machinery and equipment, including pumps and their accessories, and their spare parts
2. Agricultural machinery and implements and their spare parts
3. Machines and tools for repair work
4. Equipment and materials for public utilities
5. Vehicles

B. Kilimanjaro Industrial Development Centre Project

1. Mobile units with tools and equipment for industrial extension services
2. Machines and tools for training purposes
3. Machines and tools for repair work
4. Vehicles

Note: Other necessary machines, equipment, tools and materials to be mutually agreed upon the implementation of the Project.

ANNEX V LIST OF TANZANIAN PERSONNEL

A. Kilimanjaro Agricultural Development Centre Project

1. Project Director
2. Engineer
3. Staff
4. Worker
5. Driver

B. Kilimanjaro Industrial Development Centre Project

1. Project Director
2. Department Manager
3. Engineer
4. Staff (Qualified and Non-qualified)
5. Worker
6. Secretary
7. Driver

Note: Above Annex V is subject to change by mutual consultation between the two Governments.

TENTATIVE IMPLEMENTATION PROGRAM
FOR THE
KILIMANJARO AGRICULTURAL DEVELOPMENT CENTER
AND
KILIMANJARO INDUSTRIAL DEVELOPMENT CENTER

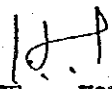
Within the scope of the Record of Discussions signed on September 13, 1978, the representatives of Japan International Cooperation Agency and Kilimanjaro Regional Development Director's Office have jointly formulated the Tentative Implementation Program for the implementation of Kilimanjaro Agricultural Development Center and Kilimanjaro Industrial Development Center Projects.

This Tentative Implementation Program is subject to change in accordance with the progress of implementation of the Projects.

November 25, 1978


KAZUHIKO HISHIKAWA

Representative
Japan International
Cooperation Agency
in Tanzania


HORACE KOLIWA
Principal Secretary
Prime Minister's Office

I. Kilimanjaro Agricultural Development Center Project

1. Objectives

Kilimanjaro Agricultural Development Center Project (hereinafter referred to as KADC) aims at contributing to the promotion of agricultural development in Kilimanjaro region through the improvement of agricultural infra-structure, cultivation techniques and mechanized agriculture and their extension.

2. Functions and Facilities

KADC has the following functions and facilities to achieve its objectives:

- (1) To plan and supervise construction of agricultural infra-structure such as irrigation canals and farm roads

Facilities: Office Rooms with Design Equipment

- (2) To improve cultivation techniques for agricultural development in Lower Moshi Area

Facilities: Trial Farm (10ha)

Experimental Facilities

- (3) To diffuse agricultural techniques by extension services

Facilities: Agricultural Mechanical Service Center

Mobile Unit

Garage

- (4) To train manpower

Facilities: KADC

- (5) To plan and coordinate the activities of KADC

Facilities: Office Room

Meeting Room

Car Park

3. Programs

(1) Program for the Activities of KADC

Chart 1 shows the tentative program for the activities of KADC by function for four years stipulated in the Record of Discussions.

(2) Program for the Dispatch of Japanese Experts

Chart 2 shows the tentative program for the Japanese Experts to be dispatched to KADC.

(3) Program for the Training of Tanzanian Personnel

Chart 3 shows the tentative program for the training of Tanzanian personnel in Japan.

(4) Special Support by the Japanese Side

Japan International Cooperation Agency provides the following special support to the KADC by dispatching experts teams wherever necessary;

Technical Support Team

Evaluation Team

4. Organization

(1) Staffing

Chart 4 shows the organization and staffing plan of the KADC during four years stipulated in the Record of Discussions.

(2) Job Description of the Staff

A. Japanese Experts

a. Team Leader

- (i) To advise and assist the Tanzanian Project Director for programming, operation and administration of the project.
- (ii) To coordinate the activities of Japanese Experts attached to the Project as the head of the Japanese team.
- (iii) To represent Japanese Experts in KADC and KIDC as necessity arises.

b. Experts

- (i) To advise and assist Tanzanian counterparts in their respective fields.
- (ii) To provide farmers with technical guidance in their respective fields.

c. Liaison Officer

- (i) To support the Japanese Team Leader and Experts for programming and administration of the Project.
- (ii) To conduct accounts work and others in accordance with the regulations in force in Japan and to take charge of contract business concerning construction of Trial Farm.
- (iii) To prepare the progress reports on the achievement of targets of the Project which are to be submitted to both Tanzanian and Japanese authorities concerned.

B. Tanzanian Counterparts

a. Project Director

- (i) To manage and coordinate all the operational activities for the implementation of the Project.
- (ii) To manage all the Tanzanian personnel engaged in the Project.

b. Technical Staff

- (i) To prepare and implement the detailed action programs in their respective fields.
- (ii) To submit progress report to the Project Director in their respective fields.

5. The Government of Japan will consider the construction of buildings and equipment of KADC as will be agreed between the two Governments.

6. The Government of Tanzania will take necessary measures to enable the Government of Japan to expedite the construction of buildings of KADC as follows;

- (1) To secure the land necessary for the construction of buildings of KADC and to readjust it.
- (2) To prepare for facilities such as electric supply, water supply, drainage and other incidental facilities outside the site if necessary.

7. Temporary Facilities

For the Preparatory Stage, the following facilities are temporarily secured by the Tanzanian side;

Office room , Meeting room , Garage, Others

8. Machinery and Equipment

Following machinery and equipment will be provided by the Japanese side;

Furniture

Equipment for documentation

Audio-visual aids

Vehicle

Refrigerator

Machinery and equipment with attachment for soil preparation

Machinery and equipment with attachment for cultivation and processing

Experimental equipment

Agricultural tool

Construction machinery and equipment for trial farm

Machine and tool for repair work

Equipment for survey

Boring machine with attachment for well

Equipment for water supply on trial farm

Fertilizer and pesticide

Others

Chart 1. Program for the Activities of KADC

Activities	Contents	Section in charge	Schedule
1 Establishment of Trial Farm	<p>A. Design of Trial Farm</p> <p>B. Construction of Trial Farm</p> <p>C. Test for applicability of the improved farming techniques</p> <p>D. Field practice for training</p>	<p>A. Survey and Planning Sec.</p> <p>A. Improvement of Farming Technique Sec.</p> <p>A. Training and Extension Sec.</p> <p>B. Construction Sec.</p> <p>C. Improvement of Farming Technique Sec.</p> <p>D. Training and Extension Sec.</p>	<p>A. Early in 1979</p> <p>B. Late in 1979</p> <p>C. 1980 ~</p> <p>D. 1980 ~</p>
2 Training in KADC Trainees will be selected in Lower Moshi Area, but those in other areas in Killimanjaro region also attend the training by permission of R.D.D.	<p>In KADC, following training courses will be conducted during four years stipulated in the Record of Discussions.</p> <p>A. Cultivation Course Lecture : At Site Office of KADC Practice : At Trial Farm</p> <p>B. Agricultural Machinery Course Lecture : At Site Office of KADC Practice : Repair work at Agricultural Mechanical Center Better use work at Trial Farm</p> <p>C. Agricultural Extension Course Lecture : At Site Office of KADC Practice : At Trial Farm and Farmfield in this area</p>	<p>A. Training and Extension Sec.</p> <p>A. Improvement of Farming Technique Sec.</p> <p>B. Training and Extension Sec.</p> <p>C. Training and Extension Sec.</p>	<p>A. Immediately after completion of KADC facilities -do-</p> <p>C. -do-</p>
3 Technical Advice and Supervisory works	<p>A. A series of basic studies for following matters : a. Improvement works agricultural infrastructure in Lower Moshi Area (about 3000 ha) b. Water resources development in Killimanjaro region</p> <p>B. Construction works of agricultural infrastructure in Lower Moshi Area</p>	<p>a. Survey and Planning Sec.</p> <p>b. -do-</p> <p>B. Construction Sec.</p>	<p>a. 1979 ~</p> <p>b. -do-</p>

Foot Note : 1 This program is subject to conditions that necessary budget will be acquired for the implementation of the Project.

2 This Scope of Technical Cooperation is subject to change, if necessity arises in the future, within the scope of the provisions given in the "Record of Discussions".

Chart 2. Program for the Dispatch of Japanese Experts

Field	Fiscal Year		1978	1979	1980	1981	1982
(Construction of Buildings and Facilities)			Basic Design	Detail Design ✓ Tender	Construction		
1 Team Leader							
2 Irrigation and Drainage							
3 Land Consolidation							
4 Water Resources							
5 Agronomy (two persons)							
6 Agricultural Machinery							
7 Extension							
8 Liaison Officer							

Foot Note : 1 This program is subject to conditions that necessary budget will be acquired for the implementation of the Project.

2 This Scope of Technical Cooperation is subject to change, if necessity arises in the future, within the scope of the provisions given in the " Record of Discussions ".

3 Tanzanian side suggested to have one Liaison Officer for KADC and KIDC.

Chart 3. Program for the Training of Tanzanian Personnel

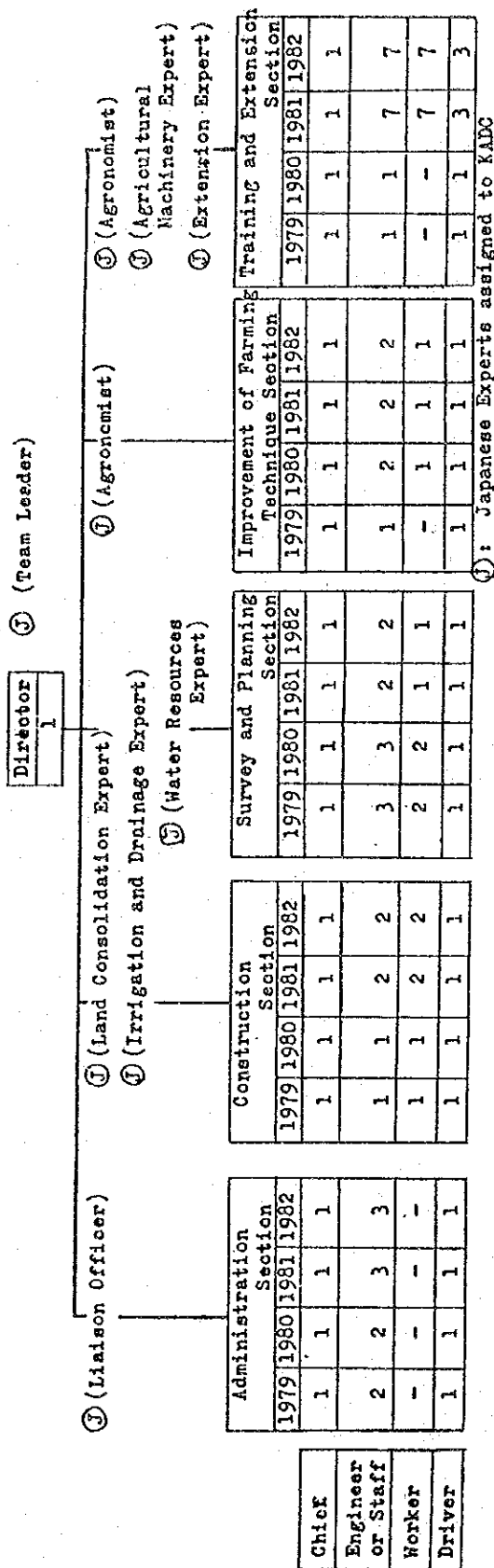
Field	Fiscal Year						(Unit : Person)
	1978	1979	1980	1981	1982		
1 Study Tour (about 3 weeks)		2 (2)	(2)			2 (0)	
2 Training							
(1) Irrigation and Drainage		1 (3)	1 (1)	1 (1)			
(2) Land Consolidation		(2)	1 (1)			1 (1)	
(3) Water Resources		(2)	1 (1)	1 (1)			
(4) Agronomy		1 (1)		1 (1)		1 (1)	
(5) Agricultural Machinery		(2)	1 (1)	1 (1)		1 (1)	
(6) Extension				1 (1)		1 (1)	
Total		4 (12)	4 (6)	5 (5)		6 (4)	

() is requested by Tanzanian side.

Foot Note : 1. This program is subject to conditions that necessary budget will be acquired for the implementation of the Project.

2. This scope Technical Cooperation is subject to change, if necessity arises in the future, within the scope of the provisions given in the " Record of Discussions ".

Chart 4. Organization and Staffing Plan of KADC



Tanzanian Annual Staffing Plan

	1979	1980	1981	1982
Director	1	1	1	1
Chief	5	5	5	5
Engineer or Staff	8	9	16	16
Worker	3	4	11	11
Driver	5	5	7	7
Total	22	24	40	40

- Foot Note: 1 This program is subject to conditions that necessary budget will be acquired for the implementation of the Project.
- 2 This Scope of Technical Cooperation is subject to change, if necessity arises in the future, within the scope of the provisions given in the "Record of Discussions".
- 3 Number of part time labourers and watchmen is excluded from the figures.
- 4 Agricultural Mechanical Service Center is one of the facilities of Training and Extension Section.

II. Kilimanjaro Industrial Development Center Project

1. Objectives

This Project aims at establishing Kilimanjaro Industrial Development Center (hereinafter referred to as KIDC) as a regional organization, which will develop small scale industries in Kilimanjaro region by providing technical assistance, extension services and manpower training as well as conducting programming and coordination of the activities on the basis of research and development to be undertaken by KIDC.

2. Functions and Facilities

KIDC has the following functions and facilities to achieve its objectives:

(1) Functions

a. Development of Appropriate Technologies in;

- * Repair and Maintenance
- * New Production Technology
- * Inspection and Testing
- * Product Development
- * Quality Control

b. Promotion of Appropriate Technologies in;

- * Establishment of New Industries
- * Extension Service
- * Consultancy and Information Service
- * Marketing Assistance

c. Training of Manpower;

- * Staff Training (in Japan and Tanzania)
- * Participants Training (Group training in Tanzania)
- * Workers Training in New Industries (On -the- job training in
Tanzania)

d. Programming and Coordination;

- * Feasibility Studies
- * Investment Planning
- * Preparation of Detailed Programs of Activities
- * Coordination of Activities

(2) Facilities

a. Administration Building of KIDC

- * Office Room
- * Working Room
- * Meeting Room
- * Car Park

b. Accommodation

- * Dormitory for Trainees
- * Other Necessary Facilities

c. Workshops

- * Foundry Workshop
- * Forging Workshop
- * Mechanical Engineering Workshop
- * Testing and Inspection Facilities

d. Pilot Factories

- * Ceramic Factory
- * Briquet Factory

e. Other Instrumental Facilities

- * Rombo Industrial Promotion Station
- * Pare Industrial Promotion Station
- * Moshi Industrial Exhibition Unit

3. Programs

(1) Program for the Activities of KIDC

Chart 5 shows the tentative program for the activities of KIDC by function for four years.

(2) Program for the Assignment of Japanese Experts

Chart 6 shows the tentative program for the Japanese Experts to be assigned at KIDC.

(3) Program for the Training of Manpower

Chart 7 shows the tentative program for the training of Tanzanian personnel.

- a. Staff training is conducted in Japan and Tanzania for those who are expected to become chiefs and/or instructors of KIDC.
- b. Participants training is conducted for would-be skilled workers in specific industries.
- c. Workers training is conducted for the factory workers in new industries.

(4) Special Support by the Japanese Side

Japan International Cooperation Agency provides the following special support to KIDC by dispatching experts teams wherever necessary;

Installation Experts Team

Technical Support Team

Evaluation Team

4. Organization

(1) Staffing

Chart 8 shows the organization and staffing plan of the KIDC during the Preparatory Stage.

(2) Job Description of the Staff

A. Japanese Experts

a. Team Leader

- (i) To advise and assist the Tanzanian Project Director for programming, operation and administration of the Project.
- (ii) To coordinate the activities of Japanese Experts attached to the Project as the head of the Japanese team.
- (iii) To represent Japanese Experts in KADC and KIDC as necessity arises.

b. Experts

- (i) To advise and assist Tanzanian counterparts in their respective fields.
- (ii) To provide existing industries with technical guidance in their respective fields.

c. Liaison Officer

- (i) To support the Japanese Team Leader and Experts for programming and administration of the Project.

- (ii) To conduct accounts work and others in accordance with the regulations in force in Japan and to take charge of contract business.
- (iii) To prepare the progress reports on the achievement of targets of the Project which are to be submitted to both Tanzanian and Japanese authorities concerned.

B. Tanzanian Counterparts

a. Project Director

- (i) To manage and coordinate all the operational activities for the implementation of the Project.
- (ii) To manage all the Tanzanian personnel engaged in the Project.

b. Technical Staff

- (i) To prepare and implement the detailed action programs in their respective fields.
- (ii) To submit progress report to the Project Director in their respective fields.

5. The Government of Japan will consider the construction of buildings and equipment of KIDC as will be agreed between the two Governments.

6. The Government of Tanzania will take necessary measures to enable the Government of Japan to expedite the construction of buildings of KIDC as follows;

- (1) To secure the land necessary for the construction of buildings of KIDC and to readjust it;
- (2) To prepare for facilities such as electric supply, water supply, and other incidental facilities outside the site if necessary.

7. Temporary Facilities

For the Preparatory Stage, the following facilities are temporarily secured by the Tanzanian side;

Office room, Meeting room, Workshop, Garage and Others.

8. Machinery and Equipment

Following machinery and equipment will be provided by the Japanese side;

- * Cupola
- * Shot blast
- * Moulding machine
- * Air hammer
- * Oil furnace
- * Cutting machine
- * Engine lathe
- * Milling machine
- * Planer
- * Equipment for material testing
- * Crusher
- * Kiln and furnace
- * Dryer
- * Carbonization furnace
- * Drilling machine
- * Tool
- * Machinery and equipment of new industries for leasing purpose;
 - Drawing pin
 - Chisels and carpentry tool
 - Sheet metal fabrication
 - Hand sprayer

Sensitized paper

Oil extraction

Scrap metal sorting and treatment

U-type cement block

Oil revitalization

Wheel barrow

* Equipment for documentation

* Audio-visual aids

* Furniture

* Refrigerator

* Mobile unit

* Vehicle

* Others

Chart 5. Program for the Activities of KIDC

Functions	Functional Activities	1979	1980	Immediately after the Completion of KIDC Facilities
(1) Development of Appropriate Technology	Repair and Maintenance New Production Technology Inspection and Testing Quality Control Product Development	* Research on the needs of sub-materials, availability of raw materials, energy and tools	* Research continued * Installation and test-run of machinery and equipment	* Production continued * Testing and analysis continued * Trial production continued * Improvement of design of products
(2) Promotion of Appropriate Technology	Establishment of new Industries Extension Service Consultancy and Information Service Marketing Assistance	* Establishment of new industries * Extension service by mobile unit * Market research * Consultancy on technological problems	* Establishment of new industries * Extension service continued * Consultancy continued	* Establishment of new industries * Extension service continued * Consultancy and Information service continued * Marketing promotion continued
(3) Training of Manpower	Staff Training Participants Training Workers Training in New Industries	* Staff training in Japan	* Staff training in Japan and Tanzania * Workers training for four months	* Staff training in Tanzania * Workers training * Participants training in 6 Beginners courses
(4) Programming and Coordination	Feasibility Studies Investment Planning Programming of Activities Coordination of Activities	* Studies on new industries * Action program making for the Preparatory Stage * Organizational set-up	* Studies and planning continued * Programming for Phase 2 * Organizational set-up * Coordination	* Studies and planning continued * Programming continued * Coordination continued

Foot Note: 1. This program is subject to conditions that necessary budget will be acquired for the implementation of the project.
2. This Scope of Technical Cooperation is subject to change, if necessity arises in the future, within the scope of the provisions given in the "Record of Discussions."

Chart 6. Program for the Assignment of Japanese Experts to KIDC

Items	Fiscal Year	1978	1979	1980	1981	1982
(Construction of Buildings & Facilities)		Basic Design	E/N Detail Design Reader	Construction		
Team Leader			1	1		
Mechanical Engineer			1	1		
Machining Expert						
Foundry Expert			1	1		
Forging Expert in Forming			1	1		
Heat Treatment Expert						
Management Expert			1			
Ceramic Expert			1	1		
Briquet Expert			1	1	6	3
Wood Pattern Expert				1	3	3
Short Term Experts				10	6	
New Industries			1	1		
Liaison Officer			1	1		

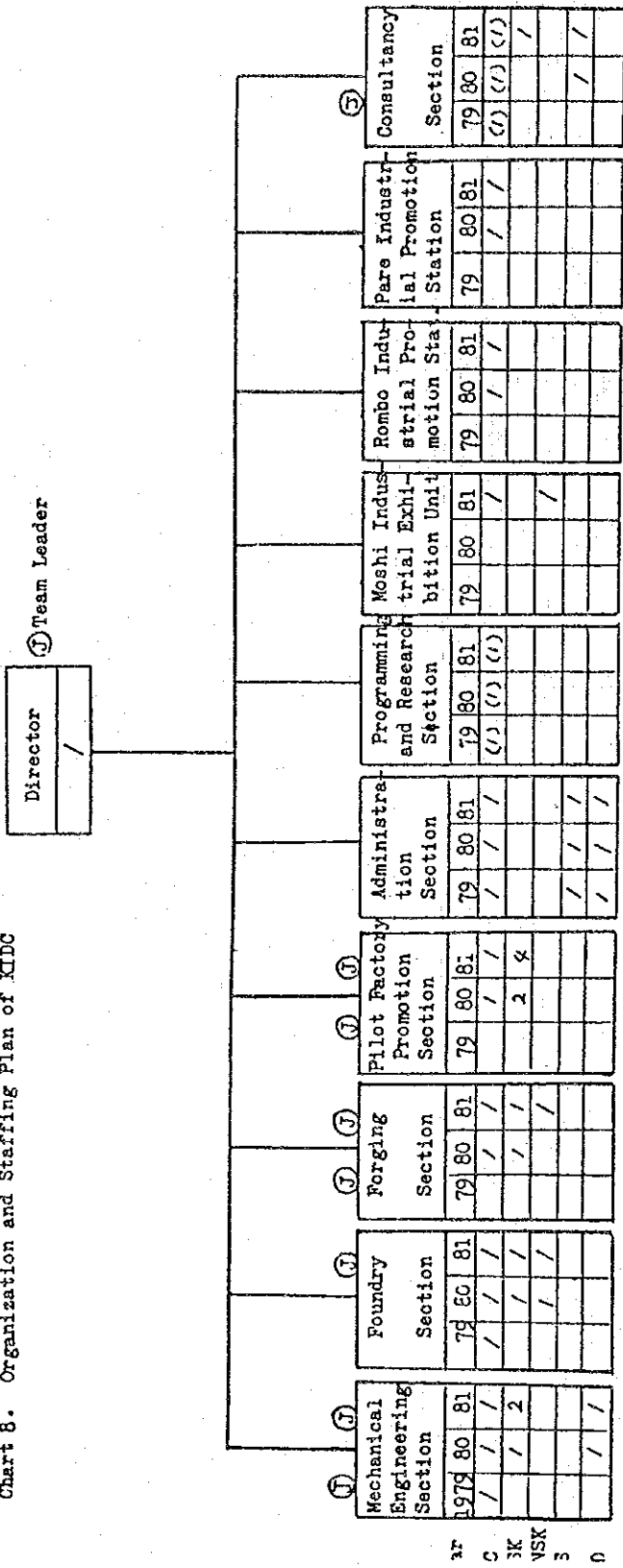
Foot Note: 1. This Program is subject to conditions that necessary budget will be acquired for the implementation of the project.
 2. This Scope of Technical Cooperation is subject to change, if necessity arises in the future, within the scope of the provisions given in the "Record of Discussions."
 3. Tanzanian side suggested to have one Liaison Officer for KAC and KIDC.

Chart 7. Program for the Training of Tanzanian Personnel

Trainings	Fields of Training	1979	1980	1981	1982
Staff	A: Training in Japan Small Enterprise Development	A-(1)		A-(1)	→ B-(1)
	B: On-the-job training in Tanzania	A-(1)	→ B-(1), A ² -(1)	→ B ² -(1)	
	s: Skilled worker	A-(1)	→ B-(1)	A-(2)	→ B-(2)
	(): Number of persons		A-(1)	A ² -(1)	→ B ² -(1)
		A-(1)	→ B-(1), A ² -(1)	→ B ² -(1)	
			A-(1)	→ B-(1), A ² -(1)	→ B ² -(1)
			A ² -(1)	→ B ² -(1)	
			A-(1)		
Participants	Beginners				
Training	Course				
Workers Training in New Industries	1st Group	47			
	2nd Group		47		
	3rd Group			47	

Foot Note: 1. This Program is subject to conditions that necessary budget will be acquired for the implementation of the project.
 2. This Scope of Technical Cooperation is subject to change, if necessity arises in the future, within the scope of the provisions given in the "Record of Discussions."

Chart 8. Organization and Staffing Plan of KIDC



Tanzanian Annual Staffing Plan

Ab.	Staff	1979	1980	1981	1982
Director	/	/	/	/	/
C	Chief	3	7	8	8
SK	Skilled Worker		5	9	9
NSK	Non-skilled W.		/	3	3
S	Secretary	/	2	2	2
D	Driver	/	2	2	2
	Total	6	18	25	25

Foot Note: 1. This Program is subject to conditions that necessary budget will be acquired for the implementation of the project.

2. This Scope of Technical Cooperation is subject to change, if necessity arises in the future, within the scope of the provisions given in the "Record of Discussions."

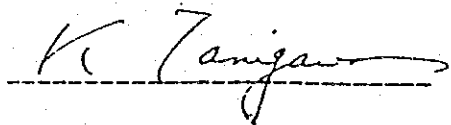
RE: Number of part-time labourers and watchmen is excluded from the figures.

THE RECORD OF DISCUSSIONS ON THE
JAPANESE TECHNICAL COOPERATION FOR
KADC AND KIDC PROJECTS

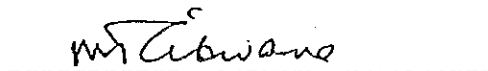
Following the visits of the Japanese Technical Advisory Team and the Japanese Evaluation Team organized by the Japan International Cooperation Agency (hereinafter referred to as "JICA") and headed by Mr. A. Kawamata (KADC) and Mr. M. Nakamura (KIDC) respectively, which stayed in the United Republic of Tanzania from July 2, 1982 to July 24, 1982, the Resident Representative of JICA Dar es Salaam Office had a series of discussions with the Tanzanian authorities concerned on the evaluation of the achievements obtained from this technical cooperation as well as the possible extension of the period of technical cooperation from September 13, 1982 with respect to KADC and KIDC Projects in the United Republic of Tanzania.

As a result of the discussions, both sides agreed to recommend to their respective Governments that the period of the technical cooperation mentioned in the Record of Discussions signed on September 13, 1978 will be extended until March 12, 1986 and that the technical cooperation will be carried out in accordance with the Attached Document of Technical Cooperation for KADC and KIDC Projects in order to fully achieve its initial objectives.

Dar es Salaam, August 23, 1982



KAZUO TANIGAWA
President Representative
JICA Dar es Salaam Office
Japan



M. T. KIBWANA
Commissioner for External
Finance and Technical Cooperation
Ministry of Finance
The United Republic of Tanzania

THE ATTACHED DOCUMENT

I. COOPERATION BETWEEN BOTH GOVERNMENTS

1. The Government of Japan and the Government of the United Republic of Tanzania will continue to cooperate with each other in implementing KADC and KIDC Projects (hereinafter referred to as "the Projects") for the purpose of contributing to the promotion of regional development in Kilimanjaro Region through the Agricultural Development Project which aims at the improvement of agricultural infrastructure and the increase in productivity and through the Industrial Development Project which aims at the establishment of the industrial infrastructure and the promotion of industrialization.
2. (1) The Projects will be implemented by the Government of Japan and the Government of Tanzania as outlined in Annex I.
(2) The Projects will be implemented in accordance with the annual work plan to be formulated by the Regional Development Committee (hereinafter referred to as RDC).

II. DISPATCH OF JAPANESE EXPERTS

1. In accordance with the laws and regulations in force in Japan, the Government of Japan will take necessary measures through JICA to provide at its own expense services of the Japanese experts as listed in Annex II through the normal procedures under the Technical Cooperation Scheme of Japan and Tanzania.
2. The Japanese experts referred to in I above and their families will be granted in the United Republic of Tanzania the privileges, exemptions and benefits given to similar experts in Tanzania.

III. PROVISION OF MACHINERY AND EQUIPMENT

1. In accordance with the laws and regulations in force in Japan the Government of Japan will take necessary measures through JICA to provide at its own expense such machinery, equipment and other materials necessary for the implementation of the Projects as

listed in Annex IV, through the normal procedures under the Technical Cooperation Scheme of Japan.

2. The articles referred to in I above will become the property of the Government of the United Republic of Tanzania upon being delivered c.i.f. to the Tanzanian authorities concerned at the ports and/or airports of disembarkation, and will be utilized exclusively for the implementation of the Projects.

IV. TRAINING OF TANZANIAN PERSONNEL IN JAPAN

1. In accordance with the laws and regulations in force in Japan, the Government of Japan will take necessary measures through JICA to receive at its own expense the Tanzanian personnel connected with the Projects for technical training in Japan through the normal procedures under the Technical Cooperation Scheme of Japan.
2. The Government of the United Republic of Tanzania will take necessary measures to ensure that the knowledge and experience acquired by the Tanzanian personnel from technical training in Japan will be utilized effectively for the implementation of the Projects.

V. MEASURES TO BE TAKEN BY THE GOVERNMENT OF THE UNITED REPUBLIC OF TANZANIA

1. In accordance with the laws and regulations in force in the United Republic of Tanzania, the Government of the United Republic of Tanzania will take necessary measures to provide at its own expense:
 - (1) Services of the Tanzanian counterpart personnel and administrative personnel as listed in Annex V;
 - (2) Land, buildings and facilities necessary for the activities of the Projects;
 - (3) Supply or replacement of machinery, equipment, instruments, vehicles, tools, spare parts and any other materials necessary for the implementation of the Projects other than those provided through JICA under III above;

- (4) Whenever necessary, transportation facilities and travel allowance for the Japanese experts for the official travel within the United Republic of Tanzania;
 - (5) Suitably furnished accommodation for the Japanese experts and their families to the best of its ability.
2. In accordance with the laws and regulations in force in the United Republic of Tanzania, the Government of the United Republic of Tanzania will take necessary measures to meet:
 - (1) Expense necessary for the transportation within the United Republic of Tanzania of the articles referred to in III above as well as for the operation and maintenance thereof;
 - (2) Customs duties, internal taxes and any other charges, imposed in the United Republic of Tanzania on the articles referred to in III above;
 - (3) All running expenses necessary for the implementation of the Projects.

VI. ADMINISTRATION OF THE PROJECTS

1. The Regional Development Director (hereinafter referred to "RDD") of Kilimanjaro Region, will bear overall responsibility for the implementation of the Projects under the supervision of the Prime Minister's Office.
2. The Japanese experts will take appropriate care on the technical matters and provide the advisory services on technical and managerial matters for the Projects in close collaboration with the Tanzanian counterpart personnel concerned.
3. The implementation of the Projects will be carried out by the Tanzanian counterpart personnel with assistance from the Japanese experts.
4. (1) A Regional Development Committee shall be empowered to ensure successful and effective implementation of the Projects.

- (2) EMT meetings will be held regularly, and Japanese experts will attend as advisors.

VII. CLAIMS AGAINST JAPANESE EXPERTS

The Government of the United Republic of Tanzania undertakes to bear claims, if any arises against the Japanese experts engaged in the Projects resulting from, occurring in the course of, or otherwise connected with the discharges of their official functions in the United Republic of Tanzania except for those arising from the willful misconduct or gross negligence of the Japanese experts.

VIII. MUTUAL CONSULTATION

There will be mutual consultation between the two Governments on any major issues arising from, or in connection with this Attached Document.

IX. TERM OF COOPERATION

This Record of Discussions will be effective from September 13, 1982 and will be terminated after three and a half (3-1/2) years from the above date, or otherwise terminated or extended by mutual consultation.

ANNEX I - ACTIVITIES OF KADC AND KIDC

A. Kilimanjaro Agricultural Development Center Project

1. Technical Advice and Supervision

- Technical advice will be provided to conduct surveys for surface and underground water resources for irrigation development in Kilimanjaro Region.

2. Activities of Trial Farm and Pilot Farm

- To develop most effective irrigation system
- To recommend suitable crop husbandry
- To demonstrate proven research findings
- To produce some seeds of varieties recommended by the Center

3. Extension Services

Extension Services will be provided to farmers in order to ensure that:-

- Findings from research and trials at the Center are effectively transferred to farmers.
- Information is provided to the farmers on the availability of inputs and equipment.

4. Training

- On-the-job training will be carried out by the Japanese experts in consultation with the Tanzanian counterpart personnel.
- Appropriate Tanzanian personnel will be trained in Japan.
- Short courses will be conducted at the Center for Extension workers.
- Short courses will be conducted at the Center for selected farmers from various villages of the Region.

5. Planning and Coordination

- Detailed implementation programme will be made up in consultation with the Tanzanian counterpart personnel.
- Coordination among various functional activities and programmes will be made in consultation with the Tanzanian counterpart personnel.

B. Kilimanjaro Industrial Development Center Project

1. Studies and Surveys

- Surveys will be conducted to establish feasible small scale industries in urban and rural areas, to ascertain availability of needed raw materials, supplementary goods and to establish markets for such Industrial Products.
- Feasibility Studies will be conducted to identify potential industries for investment in the Region.

2. Technical Advice and Supervisory Works

- Technical advice will be provided to establish common facilities in the Industrial Promotion Stations of Rombo and Same, and the Moshi Exhibition Unit.
- To select and make specifications of machines and equipment to be installed in the Rombo and Same Industrial Promotion Stations and the Pilot Factories attached to them.

3. Industrial Promotion Services

To assist in the establishment of small scale industries in the Region.

- Industrial Promotion Services will be provided by mobile units on technological matters, marketing methods, management methods, new investments, etc.

4. Training of Manpower

- On-the-job training will be carried out by the Japanese experts in consultation with the Tanzanian counterpart personnel.
- Appropriate Tanzanian counterpart personnel will be trained in Japan.
- Courses for selected field craftsmen and artisans will be conducted at the Center.

5. Planning and Coordination

- Detailed implementation programmes will be made up in consultation with the Tanzanian counterpart personnel.
- Coordination among various functional activities and programmes will be made in consultation with the Tanzanian counterpart personnel.

ANNEX II - JAPANESE EXPERTS

A. Agricultural Team

- (1) Team Leader
- (2) Experts in the field of:
 - Irrigation and Drainage
 - Water Resources
 - Agronomy
 - Agricultural Machinery
 - Extension
 - Research
- (3) Liaison Officer

B. Industrial Team

- (1) Team Leader
- (2) Experts in the field of:
 - Management
 - Machining
 - Foundry
 - Forging
 - Ceramics
 - Electroplating
 - Briquette
- (3) Liaison Officer

- Note:
1. If necessary, short term experts will be dispatched.
 2. Above Annex II is subject to change by mutual consultation between the two Governments.

ANNEX III - PRIVILEGES, EXEMPTIONS AND BENEFITS

1. Exemptions from income tax and charges of any kind imposed on or in connection with the living allowances remitted from abroad.
2. Exemptions from import and export duties and any other charges in respect of personal and household effects, including one motor vehicle per family, which may be brought into the United Republic of Tanzania from abroad.
3. Free medical services and facilities to the Japanese experts and their families.

ANNEX IV - LIST OF MACHINERY AND EQUIPMENT

A. Kilimanjaro Agricultural Development Center Project

1. Construction machinery and equipment, including pumps and their accessories, and their spare parts
2. Agricultural machinery and implements and their spare parts
3. Machines and tools for repair work
4. Equipment and materials for public utilities
5. Vehicles

B. Kilimanjaro Industrial Development Center Project

1. Mobile units with tools and equipment for industrial extension services
2. Machines and tools for training purposes
3. Machines and tools for repair work
4. Vehicles

Note: Other necessary machines, equipment, tools and materials to be mutually agreed upon the implementation of the Projects.

ANNEX V - LIST OF TANZANIAN PERSONNEL

A. Kilimanjaro Agricultural Development Center Project

1. Project Manager
2. Counterpart Personnel in the fields of:
 - Irrigation and Drainage
 - Water Resources
 - Agronomy
 - Agricultural Machinery
 - Extension
 - Research
3. Other staff:
 - Secretary/Typist
 - Accounts Clerks
 - Drivers
 - Labourers
 - Cooks/Kitchen Attendants

TENTATIVE IMPLEMENTATION PROGRAM
FOR
THE KILIMANJARO AGRICULTURAL DEVELOPMENT CENTER

Within the scope of the Record of Discussions signed on August 23 1982, the representatives of Japan International Cooperation Agency and Kilimanjaro Regional Development Director's Office have jointly formulated the Tentative Implementation Program for the smooth implementation of Kilimanjaro Agricultural Development Center Project.

This Tentative Implementation Program is subject to change in accordance with necessity arising in future, within the scope of the provisions given in the "Record of Discussions", and also subject to conditions that necessary budget will be acquired for the implementation of the KADC Project.

December 14th, 1982

T. Murata
TOSHIHISA MURATA
DIRECTOR

AGRICULTURAL DEVELOPMENT
COOPERATION DEPARTMENT
JAPAN INTERNATIONAL
COOPERATION AGENCY.

Solomon Cornel Mwakangata
SOLOMON CORNEL MWAKANGATA

AG. REGIONAL DEVELOPMENT DIRECTOR
KILIMANJARO REGION.

REGIONAL DEVELOPMENT DIRECTOR
KILIMANJARO

PROGRAM FOR THE DISPATCH OF JAPANESE EXPERTS & TRAINING OF TANZANIAN PERSONNEL IN JAPAN

Items	1982	1983	1984	1985	1986	Remarks
1. Dispatch of experts Team Leader	March		March		March	
Irrigation & Drainage Engineer		June				The expert is also in-charge of water re-sources.
Agronomy (Paddy crop)	Feb.		Feb.			
Agronomy (Upland crop)		Feb.				The experts are also in charge of extension.
Machinery Engineer (Operation)		March				
Machinery Engineer (Work Shop)						
Liaison Officer	Feb.		Feb.			
Short-term experts						Several in accordance with necessity.
2. Training of Tanzanian Personnel in Japan	—	—	—	—	—	Several each year
						Performance
						Extension or Anticipation

PROGRAM FOR THE ACTIVITIES OF KADC

Activities	Contents	Section in charge	Schedule				
			1982	1983	1984	1985	1986
Establishment of Trial Farm	A. Test for applicability of the improved farming techniques.	A. Machinery and Agronomy Section					March
	B. Field practice for training.	B. All of Sections					
Establishment of Pilot Farm	A. Construction of the facilities for Pilot Farm.	A. Irrigation and Drainage Section		Jan. (from 1981)			
	B. Extension of test results of the improved farming techniques.	B. Machinery and Agronomy Section	Nov.				
	C. Field practice for training.	C. All of Sections		May			
Training in KADC	A. Cultivation Course	A. Agronomy Section		Feb.			
	B. Agricultural Machinery Course.	B. Machinery Section	Oct.				
	C. Agricultural Extension Course.	C. Machinery and Agronomy Section		Feb.			
	D. Irrigation and Drainage Course.	D. Irrigation and Drainage Section		May			
Technical advice and Supervision	Water resources development survey in Kilimanjaro Region.	Irrigation and Drainage Section		June			

RESPONSIBILITY OF GOVERNMENT OF TANZANIA

Items	1982	1983	1984	1985	1986	Remarks
1. Organizattion & Staffing Plan of KADC					Project Manager in 1982 is acting.
Project Manager					Mach	
Administration Section						
Irrigation & Drainage Section Tanzanian Counterparts						
Agronomy Section Tanzanian Counterparts						
Agricultural Machinery Section Tanzanian Counterparts						
2. Arrangement of Infra- structure						Between Moshi and KADC
Electricity		Oct.				Under Lower Moshi Project
Improvement of Road						
Telephone						
3. Running Expenses						

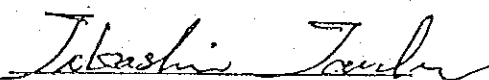
A PROVISIONAL RECORD OF DISCUSSIONS BETWEEN THE JAPANESE IMPLEMENTATION SURVEY TEAM AND THE AUTHORITIES CONCERNED OF THE KILIMANJARO REGIONAL DEVELOPMENT DIRECTORATE ON THE JAPANESE TECHNICAL COOPERATION FOR KILIMANJARO AGRICULTURAL DEVELOPMENT PROJECT

The Japanese Implementation Survey Team (hereinafter referred to as "the Team") organized by the Japan International Cooperation Agency (hereinafter referred to as "JICA") and headed by Mr. Takashi Tauchi visited the Kilimanjaro Region from February 9 to 13, 1986 for the purpose of working out the details of the technical cooperation program concerning Kilimanjaro Agricultural Development Project, as the second phase of the Kilimanjaro Agricultural Development Centre (hereinafter referred to as "KADC") Project, initiated in 1978.

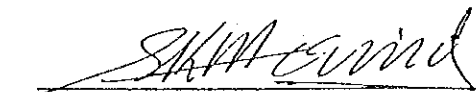
During its stay in the Kilimanjaro Region, the Team exchanged views and had a series of discussions with the Kilimanjaro Regional authorities concerned in respect of the desirable measures to be taken by both Governments for the successful implementation of the above mentioned project.

As a result of the discussions, both parties agreed to provisionally recommend to their respective Governments the matters referred to in the document attached hereto.

Moshi, February 12, 1986



Mr. Takashi Tauchi
Leader,
Implementation Survey Team
Japan International Cooperation
Agency, JAPAN



Mr. S.K. Masinde
Regional Development Director
Kilimanjaro Region

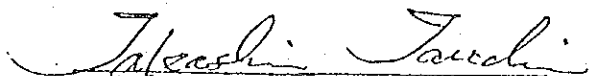
THE RECORD OF DISCUSSIONS BETWEEN THE JAPANESE IMPLEMENTATION SURVEY
TEAM AND THE AUTHORITIES CONCERNED OF THE GOVERNMENT OF THE UNITED
REPUBLIC OF TANZANIA ON THE JAPANESE TECHNICAL COOPERATION FOR
KILIMANJARO AGRICULTURAL DEVELOPMENT PROJECT

The Japanese Implementation Survey Team (hereinafter referred to as "the Team") organized by the Japan International Cooperation Agency (hereinafter referred to as "JICA") and headed by Mr. Takashi Tauchi visited the United Republic of Tanzania from February 9 to 16, 1986 for the purpose of working out the details of the technical cooperation program concerning Kilimanjaro Agricultural Development Project, as the second phase of the Kilimanjaro Agricultural Development Center (hereinafter referred to as "KADC") Project, initiated in 1978.


During its stay in the United Republic of Tanzania, the Team exchanged views and had a series of discussions with the Tanzanian authorities concerned in respect of the desirable measures to be taken by both Governments for the successful implementation of the above mentioned project.

As a result of the discussions, both parties agreed to recommend to their respective Governments the matters referred to in the document attached hereto.

Dar es Salaam, February 14, 1986



Mr. Takashi Tauchi
Leader,
Implementation Survey Team
Japan International Cooperation
Agency, JAPAN



Mr. M.T. Kibwana
Commissioner for External Finance
Ministry of Finance, Economic Affairs
and Planning
The United Republic of Tanzania

THE ATTACHED DOCUMENT

I. COOPERATION BETWEEN BOTH GOVERNMENTS

1. The Government of Japan and the Government of the United Republic of Tanzania will continuously cooperate with each other in implementing Kilimanjaro Agricultural Development Project (hereinafter referred to as "the Project") for the purpose of developing agricultural techniques and extending the techniques through training of personnel concerned, based on the KADC experiences, and thus contributing to the agricultural development in Kilimanjaro Region.

2. The Project will be implemented in accordance with the Master Plan as outlined in part I of the Annex.

II. DISPATCH OF JAPANESE EXPERTS

1. In accordance with the laws and regulations in force in Japan, the Government of Japan will take necessary measures through JICA to provide at its own expense services of the Japanese experts as listed in part II of the Annex through the normal procedures under the technical cooperation scheme of the Government of Japan.

2. The Japanese experts referred to in 1 above and their families will be granted in the United Republic of Tanzania the privileges, exemptions and benefits no less favourable than those accorded to experts of other countries or of other international organization performing similar missions working in the United Republic of Tanzania, and will include those outlined in part II, 4 of the Annex.

III. PROVISION OF MACHINERY AND EQUIPMENT

1. In accordance with the laws and regulations in force in Japan, the Government of Japan will take necessary measures through JICA to provide at its own expense such machinery, equipment and other materials (hereinafter referred to as "the Equipment") necessary for the implementation of the Project as listed in part III of the Annex through the normal procedures under the technical cooperation scheme of the Government of Japan.

2. The Equipment will become the property of the Government of the United Republic of Tanzania upon being delivered c.i.f. to the Tanzanian authorities concerned at the ports and/or airports of disembarkation, and will be utilized exclusively for the implementation of the Project.

IV. PROVISION OF SPECIAL MEASURES

For fostering the smooth implementation of the Project, in accordance with the laws and regulations in force in Japan, the Government of Japan will take necessary measures to supplement a portion of local cost of expenditures such as production cost for teaching materials, travel allowances related to travel tour and field training for instructors and trainees, special instructors' fees, supply cost of training materials, etc., within the United Republic of Tanzania.

V. TRAINING OF TANZANIAN PERSONNEL IN JAPAN

1. In accordance with the laws and regulations in force in Japan, the Government of Japan will take necessary measures through JICA to receive at its own expense the Tanzanian personnel connected with the Project for technical training in Japan through the normal procedures under the technical cooperation scheme of the Government of Japan.

2. The Government of the United Republic of Tanzania will take necessary measures to ensure that the knowledge and experience acquired by the Tanzanian personnel from technical training in Japan will be utilized effectively for the implementation of the Project.

VI. SERVICES OF TANZANIAN COUNTERPART AND ADMINISTRATIVE PERSONNEL

1. In accordance with the laws and regulations in force in the United Republic of Tanzania, the Government of the United Republic of Tanzania will take necessary measures to secure at its own expense the necessary services of Tanzanian counterpart and administrative personnel as listed in part IV of the Annex.

2. The Government of the United Republic of Tanzania will allocate the necessary number of suitably qualified personnel corresponding to each Japanese expert to be dispatched by the Government of Japan as specified in part II of the Annex for the effective and successful transfer of technology under the Project.

VII. MEASURES TO BE TAKEN BY THE GOVERNMENT OF THE UNITED REPUBLIC OF TANZANIA

1. In accordance with the laws and regulations in force in the United Republic of Tanzania, the Government of the United Republic of Tanzania will take necessary measures to provide at its own expenses:

- (1) Land, buildings and facilities as listed in part V of the Annex;
- (2) Supply or replacement of machinery, equipment, instrument, vehicles, tools, spare parts and any other materials necessary for the implementation of the project other than those provided through JICA under part III above,
- (3) Whenever necessary, transportation facilities and travel allowance for the official travel of Japanese experts within the United Republic of Tanzania,
- (4) Suitably furnished accommodations for the Japanese experts and their families.

In addition, all equipment and machinery available at the KADC as well as those provided through JICA shall be used for the implementation of the Project.

2. In accordance with the laws and regulations in force in the United Republic of Tanzania, the Government of the United Republic of Tanzania will take necessary measures to meet:

- (1) Expenses necessary for the transportation of the Equipment within the United Republic of Tanzania as well as for the installation, operation and maintenance thereof,
- (2) Customs duties, internal taxes and any other charges, imposed on the Equipment in the United Republic of Tanzania,
- (3) Running expenses necessary for the implementation of the Project.

VIII. ADMINISTRATION OF THE PROJECT

1. The Regional Development Director (hereinafter referred to as "RDD") of Kilimanjaro Region will bear overall responsibility for the implementation of the Project.
2. The Director of the KADC, as the Head of the Project, will be responsible to the RDD for the administrative and managerial matters of the Project.
3. The Japanese Team Leader will provide necessary recommendation and advice on technical and administrative matters concerning the implementation of the Project to the Head of the Project.
4. The Japanese experts will give necessary technical guidance and advice to the Tanzanian counterpart personnel on matters pertaining to the implementation of the the Project.
5. The Project will be carried out in collaboration with other relevant authorities.
6. For the effective and successful implementation of the Project, a Joint Advisory Committee will be established with the function and composition as referred to in part VI of the Annex.

IX. CLAIMS AGAINST JAPANESE EXPERTS

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

X. MUTUAL CONSULTATION

There will be mutual consultation between the two Governments on any major issues arising from, or in connection with this Attached Document.

XI. TERM OF COOPERATION

The duration of the technical cooperation for the project under this Attached Document will be five (5) years from March 13, 1986.

ANNEX

I. MASTER PLAN

1. Objectives of the Project

The Project will be carried out, based on the successful achievements of KADC project, for the purpose of development of agricultural technique and extension of the technique through training of counterparts, extension staff and farmers, thus contributing to further agricultural development in Kilimanjaro Region.

2. Activities of Japanese Technical Cooperation

2-1 Kilimanjaro Region, focusing in the Lower Moshi Area.

Technical advice and guidance to following items.

1. Paddy

- (a) Selection of appropriate varieties
- (b) Establishment of cultivation techniques
- (c) Demonstration and extension of cultivation techniques
- (d) Training of counterparts, extension staff and farmers

2. Upland Crops

- (a) Establishment of cultivation techniques (vegetable, soybean etc.)
- (b) Demonstration and extension of cultivation techniques
- (c) Training of counterparts, extension staff and farmers

3. Soil and water Management

- (a) Establishment and extension of soil and water management techniques
- (b) Training of counterparts, extension staff and farmers
- (c) Technical advice for operation and maintenance

4. Agricultural Machinery

- (a) Adaptability test, technical advice for operation and maintenance of agricultural machinery
- (b) Training of counterparts, extension staff and farmers

Note: - Demonstration and extension as mentioned in (1) and (2) will be carried out through existing pilot farm and demonstration plots.

-Number and size of demonstration plots will be determined at Joint Advisory Committee.

2-2 Kilimanjaro Region, focusing at areas outside Lower Moshi Area.

Technical advice and suggestions on the agricultural development planning in the areas of:

- (1) Study of surface and underground water resources for agricultural development.
- (2) Smallscale rural agricultural development projects.
- (3) Transfer of techniques and experiences from KADC activities and Lower Moshi Project.

II. JAPANESE EXPERTS

1. Team leader
2. Coordinator
3. Experts in the field of
 - (1) Agronomy (Paddy)
 - (2) Agronomy (Upland Crops)
 - (3) Soil and water management
 - (4) Development Planning and water management
 - (5) Agricultural Machinery (Operation)
 - (6) Agricultural Machinery (Maintenance)

Note: Short-term experts may be dispatched when necessity arises, for the smooth implementation of the Project.

4. Privileges, exemptions and benefits
 - (1) Exemption from income tax and charges of any kind imposed on or in connection with the living allowances remitted from abroad.
 - (2) Exemptions from import and export duties and any other charges in respect of personal and household effects, including one motor vehicle per family, which may be brought into the United Republic of Tanzania from abroad

3. Free medical services and facilities to the Japanese experts and their families

III. LIST OF EQUIPMENT

1. Construction machinery and equipment, agricultural machinery, machines and tools for repair work and their spare parts
2. Books and teaching materials including audio-visual aids
3. Fertilizers, agricultural chemicals, and other materials for use in trial farm, pilot farm and demonstration plots
4. Vehicles
5. Office equipment
6. Other necessary machinery and equipment to be mutually agreed upon

IV. LIST OF TANZANIA COUNTERPART AND ADMINISTRATIVE PERSONNEL

1. Head of the Project
2. Counterpart personnel in the field of
 1. Agronomy (Paddy)
 2. Agronomy (Upland Crops)
 3. Soil and water management
 4. Development Planning and water management
 5. Agricultural Machinery (Operation)
 6. Agricultural Machinery (Maintenance)
3. Administrative personnel
 1. Administration
 2. Accounting
4. Other necessary supporting staff

V. LIST OF LAND AND FACILITIES

1. Land, building and facilities of KADC
2. Land for trial farm, pilot farm and demonstration plots
3. Office space and necessary facilities in Moshi for the Japanese Team Leader and the other experts.
4. Other facilities mutually agreed upon as necessary

VI. THE JOINT ADVISORY COMMITTEE

1. Functions

The Joint Advisory Committee composed of members as listed in 2 below will meet at least once a year and whenever necessity arises, and work:

- (1) To review the overall progress of the Tentative Schedule of Implementation in line with Master Plan for the Project;
- (2) To review those measures taken by the Government of Japan,
 - (i) Dispatch of Japanese experts,
 - (ii) Acceptance of the Tanzanian counterpart personnel in Japan for training;
 - (iii) Provision of machinery and equipment,
- (3) To review those measures taken by the Government of the United Republic of Tanzania;
 - (1) Allocation of necessary budget (including local cost expenditures),
 - (ii) Assignment of counterpart personnel,
 - (iii) Utilization of the Equipment provided by the Government of Japan,
- (4) To formulate the annual working plan of the Project.

2. Composition

(1) Chairman

RDD of Kilimanjaro Region

(2) Tanzanian Side

- (a) Regional Planning Officer
- (b) Representative of Ministry of Finance
- (c) Representative of Prime Minister's Office
- (d) Zonal Irrigation Officer
- (e) Representative of Ministry of Agriculture and Livestock Development
- (f) Head of the Project
- (g) Other officials appointed by the Chairman, if necessary.

(3) Japanese Side

- (a) Team Leader
- (b) Coordinator
- (c) Experts appointed by the Team Leader, if necessary
- (d) Personnel concerned to be dispatched by JICA, if necessary
- (e) Resident representative of Dar es Salaam Office, JICA

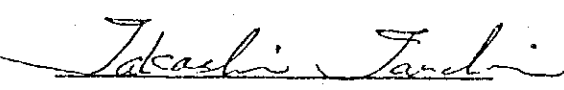
Note: Officials of the Embassy of Japan may attend the Joint Advisory Committee as observers.

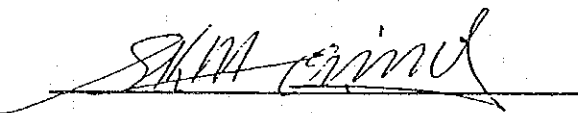
TENTATIVE SCHEDULE OF IMPLEMENTATION
FOR
THE KILIMANJARO AGRICULTURAL DEVELOPMENT PROJECT

The Japanese Implementation Survey Team and the Tanzanian Authorities concerned have jointly formulated the Tentative Schedule of Implementation for the Kilimanjaro Agricultural Development Project (hereinafter referred to as "the Project") as annexed hereto.

This has been formulated on the basis of the Record of Discussions on the Japanese Technical Cooperation for the Project signed between the Japanese Implementation Survey Team and the Authorities concerned of the Government of the United Republic of Tanzania and on the conditions that necessary budget will be allocated for the implementation of the Project by both sides, and that the above-mentioned Schedule is subject to change within the framework of the Record of Discussions when necessity arises in the course of implementation of the Project.

Moshi, February 12, 1986.


Mr. Takashi Tauchi
Leader
Implementation Survey Team
Japan International Cooperation
Agency, Japan


Mr. S.K. Masinde
Regional Development Director
Kilimanjaro Region

Activities of the Technical Cooperation

Item	Year				
	1 st	2 nd	3 rd	4 th	5 th
I KADC and Kilimanjaro Region, focusing in the Lower Moshi Area					
1. Paddy					
- Selection of appropriate varieties					
- Experiment for establishment of cultivation technique					
- Verification trial					
- Establishment of demonstration plots and extension					
- Training of counterparts, extension staff and farmers					
2. Upland Crops					
- Experiment for establishment of cultivation technique					
- Verification trial					
- Establishment of demonstration plots and extension					
- Training of counterparts, extension staff and farmers					
3. Soil and Water Management					
- Establishment of soil and water management technique					
- Extension of soil and water, management technique					
- Technical advice for operation and maintenance					
- Training of counterparts, extension staff and farmers					

Item	Year				
	1 st	2 nd	3 rd	4 th	5 th
4. Agricultural Machinery					
- Adaptability test					
- Technical advice for operation and maintenance					
- Training of counterparts, extension staff and farmers					
I. Kilimanjaro Region					
Technical advice and suggestion on the agricultural development planning					
- Study of surface and underground water resources for agricultural development					
- Establishment of small scale rural agricultural development projects					
- Transfer of techniques and experiences from KADC activities and Lower Moshi Agricultural Development Project					

Japanese Contributions

Item	Year				
	1 st	2 nd	3 rd	4 th	5 th
I Assignment of Experts					
1 Long-term assignment					
(1) Team Leader					
(2) Coordinator					
(3) Agronomy (Paddy)					
(4) Agronomy (Upland Crops)					
(5) Soil and Water Management					
(6) Development Planning and Water Management					
(7) Agricultural Machinery (operation)					
(8) Agricultural Machinery (maintenance)					
2 Short-term assignment	Short term experts may be dispatched when necessity arises.				
II Acceptance of Tanzanian Personnel in Japan	Two or Three persons a year				
III Provision of Equipment, Machinery & Materials					

Tanzanian Responsibilities

Item	Year				
	1 st	2 nd	3 rd	4 th	5 th
I Assignment of Counterparts & Administrative Personnel					
1 Head of the Project					
2 Counterparts to the Japanese experts					
(1) Agronomy (Paddy)					
(2) Agronomy (Upland Crops)					
(3) Soil and Water Management					
(4) Development Planning and Water Management					
(5) Agricultural Machinery (operation)					
(6) Agricultural Machinery (maintenance)					
3 Administrative Personnel					
(1) Administration					
(2) Accounting					
4 Other Necessary Supporting Staff					
II Land, Building, and Other Incidental Facilities					
III Allocation of Running Cost of the Project					

2. 調査団派遣実績

(1) 利マンゾロ 地域総合開発調査団 総合開発調査団 (OTCA)	1970年 4月
(2) 同 調査団 (IDC委託)	1971年 9月
(3) 東アフリカ4カ国農業協力 プロジェクトファインディング調査団	1973年 3月22日～4月18日
(4) 利マンゾロ 地域農業開発 実施設計調査団 (OTCA)	1973年11月
(5) 利マンゾロ 地域総合開発 調査団 (JICA)	1974年11月21日～12月20日
(6) 利マンゾロ 地域農業開発 実施協議調査団	1974年12月
(7) 利マンゾロ 農業開発 実施設計調査団 (地下水調査)	1976年 1月22日～3月5日
(8) 利マンゾロ 農業開発 巡回指導調査団	1976年 2月19日～3月5日
(9) 利マンゾロ 農業開発センター及び 工業開発センター計画 実施協議調査団 (フェーズI)	1978年 9月
(10) 同 巡回指導調査団	1978年11月
(11) 同 基本設計調査団	1978年 2月3日～2月21日
(12) 同 実施設計調査団	1980年 1月
(13) 同 計画打合せ調査団	1980年 8月24日～9月9日
(14) 同 計画打合せ・巡回指導調査団	1981年 9月24日～10月14日
(15) 同 巡回指導調査団	1982年 6月29日～7月17日
(16) 同 巡回指導調査団	1982年12月9日～12月20日
(17) 同 巡回指導調査団	1984年 1月11日～1月28日
(18) 同 巡回指導調査団	1984年 8月25日～9月6日
(19) 同 巡回指導調査団	1985年 6月
(20) 同 Iレビュー調査団	1985年11月5日～11月4日
(21) 昭和60年度東アフリカ農林業協力 プロジェクト運営指導調査団	1985年 7月3日～7月7日

- | | |
|--------------------------------------|--------------------|
| (22) 判マソツロ 農業開発計画
実施協議調査団 (フェーズⅡ) | 1986年2月6日～2月18日 |
| (23) 同 計画打合せ調査団 | 1987年3月12日～3月21日 |
| (24) 同 巡回指導調査団 | 1987年12月11日～12月20日 |
| (25) 同 巡回指導調査団 | 1990年1月19日～2月2日 |
| (26) 同 評価調査団 | 1990年11月5日～11月19日 |

3. 調査団リスト

KADC

(1) 村マツタロ 農業開発センター及び工業開発センター計画

実施協議調査団

団 長 後藤 教基

(2) 同 巡回指導調査団

団 長 宮益 次郎

(3) 同 基本設計調査団

団長(総括)	後藤 教基	国際協力事業団企画部企画課
団 員 窯業	熊沢 靖一	国際協力事業団名古屋国際研修センター
” 鋳業	武井 和夫	中小企業振興事業団中小企業研修所
” 農業	辻本 寿之	国際協力事業団内原国際農業研修センター
” 農業	渡辺 光章	国際協力事業団農業開発協力部 農業技術協力課
” 鋳工業	佐藤 順之助	国際協力事業団鋳工業開発協力部 鋳工業開発技術課
” 建築計画	松田 清一	(株)久米建築事務所
” 設備計画	堀江 宣男	”
” 建築計画	若山 滋	”
” 積算調整	永田 俊次	”

(4) 同 実施設計調査団

団 長 金津 昭次

(5) 同 計画打合せ調査団

団 長	秋山 喜夫	農林水産省九州農政局
団 員 圃場整備	戸上 訓正	国際協力事業団農業開発協力部
” 業務調整	瀬戸 茂之	国際協力事業団農業開発協力部

(6) 同 計画打合せ・巡回指導調査団

団 長	西川 金英	国際協力事業団農業開発協力部農業技術協力課課長代理
団 員 農業土木	崎野 信義	農林水産省構造改善局建設部整備課課長補佐
” 栽培	金川 修造	クミアイ化学工業株式会社福岡支店技術課技術顧問
” 経理・契約	石井 正克	国際協力事業団農業開発協力部農業開発課
” 業務調整	瀬戸 茂之	国際協力事業団農業開発協力部農業技術協力課
打ザ-パ-	塩見 靖国	株式会社鴻池組土木工務部副部長

(7) 同 巡回指導調査団

団 長	川又 章	国際協力事業団農業開発協力部農業技術協力課長
団 員 畑作栽培	桃木 徳博	農林水産省農業研究センタープロジェクト第4チーム主任研究官
” 農業土木	池内 透	農林水産省経済局国際部国際協力課計画管理班協力計画係長
” 業務調整	瀬戸 茂之	国際協力事業団農業開発協力部農業技術協力課

(8) 同 巡回指導調査団

団 長	村田 稔尚	国際協力事業団農業開発協力部長
団 員 業務調整	青木 正志	国際協力事業団農業開発協力部農業技術協力課

(9) 同 巡回指導調査団

団長(灌漑)	藤森 惇一	農林水産省東北農政局土地改良技術事務所長
団 員 業務調整	青木 正志	国際協力事業団農業開発協力部農業技術協力課

(10) 同 巡回指導調査団

団 長	田内 堯	国際協力事業団農業開発協力部長
団 員 業務調整	佐藤 武明	国際協力事業団農業開発協力部農業技術協力課

(11) 同 巡回指導調査団

団 長 川上 徹 国際協力事業団農業開発協力部農業技術
協力課

(12) 同 エバリュエーション調査団

団 長 栗田 年代 (社)日本植物防疫協会常務理事
副団長兼灌漑排水 真勢 徹 北海道開発局農業水産部農業設計課
農業企画官
団 員 栽培 小高 真一 北海道農業試験場作物第一部稲第4研究室長
" 農業機械 佐藤 徳志 農林水産省構造改善局設計課農業土木専門官
" 効果測定 荏野 昌 日本工管(株)第2事業本部理事
" 業務調整 佐藤 武明 国際協力事業団農業開発協力部
農業技術協力課

KADP

(13) 村マツヤロ 農業開発実施協議調査団

団 長 田内 堯 国際協力事業団農業開発協力部長
団 員 栽培 堀端 俊造 農業生物資源研究所企画連絡室業務科長
" 灌漑排水 高橋 新宣 農用地開発公団工務部指導役
" 業務調整 佐藤 武明 国際協力事業団農業開発協力部
農業技術協力課

(14) 同 計画打合せ調査団

総括兼農業機械 中島淳一郎 農林水産省中国四国農政局
吉野川北岸農業水利事業所所長
団 員 栽培 五十嵐 勇 農林水産省野菜茶業試験場
野菜育種部主任研究官
" 水管理 山本 清和 滋賀県農林部農村整備課係長
" 業務調整 中原 正孝 国際協力事業団農業開発協力部
農業技術協力課

(15) 同 巡回指導調査団

総 括 宮本 和美 国際協力事業団農業開発協力部長
団 員 灌漑排水 柳田 敏雄 福島県農地林務部 農林課主査

団員	稲作栽培	村上 利男	農林水産省北海道農業試験場 作物第1部第2研究室長
”	農業機械	枝川 孝男	国際協力事業団 筑波国際農業研修センター研修室
”	業務調整	中原 正孝	国際協力事業団農業開発協力部 農業技術協力課
(16) 巡回指導調査団			
団長		岩井 孝道	農林水産省構造改善局建設部整備課課長補佐
団員	栽培	和田 源七	農林水産省熱帯農業研究センター 研究第1部主任研究官
”	農業機械	田代 健治	農用地整備公団北海道支社総務課課長補佐
”	業務調整	横倉 順治	国際協力事業団農業開発協力部 農業技術協力課
(5) 評価調査団			
団長(総括)		田口 俊郎	国際協力事業団理事
団員	計画評価	永井 和夫	国際協力事業団農林水産計画調査部 農林水産計画課課長代理
”	協力管理・普及	高沢 寛	農林水産省経済局国際部国際協力課課長補佐
”	栽培・農業機械	澤村 宣志	農林水産省北陸農業試験場 地域基盤研究部機械施設研究室長
”	水管理・開発計画	稗圃 寛	水資源開発公団埼玉合口二期建設所 調査設計課長
”	業務調整	飯田 次郎	国際協力事業団農林水産計画調査部 農林水産計画課

4. 派遣専門家リスト

KADC

(1) 長期専門家

担当	氏名	所属	派遣期間
リーダー	井上 淳二	(財)日本農業土木総合研究所	1982. 3. 25-1986. 3. 2
業務調整	佐藤 朗	JICA特別囑託	1982. 2. 23-1986. 3. 12
栽培	森永 繁治	同	1981. 2. 26-1984. 2. 25
同	増淵 清	同	1982. 2. 23-1986. 3. 12
同	根津 光也	(元)富山県技術吏員	1984. 2. 15-1986. 2. 14
灌漑排水	豊田 久承	JICA特別囑託	1981. 6. 18-1983. 6. 17
同	難波 俊章	農林水産省関東農政局利根川水系 農業水利調査事務所	1983. 6. 16-1986. 3. 12
農業機械	辻本 寿之	JICA職員	1981. 3. 15-1983. 6. 14
同	梶本 良三	農用地開発公団北海道支社	1983. 8. 14-1986. 3. 12
同	大神 伸男	ヤンマーディーゼル株式会社 建機輸出部	1983. 10. 26-1985. 10. 25

(2) 短期専門家

担当	氏名	所属	派遣期間
圃場整備	吉岡 勝美	(株)鴻池組	1981. 6. 11-1981. 11. 16
同	渡辺 和夫	同	1981. 6. 11-1982. 3. 31
同	城戸 完治	同	1981. 6. 11-1982. 3. 31
同	村上 輔	同	1981. 11. 13-1982. 3. 31
同	平野 伸也	同	1982. 7. 30-1982. 11. 26
同	渡辺 和夫	同	1982. 7. 30-1982. 12. 31
農業普及	大柿 隆	(元)栃木県農業短期大学校	1983. 9. 22-1983. 12. 21
病虫害	服部伊楚子	農業環境技術研究所	1983. 12. 14-1984. 12. 20
水収支解析	野坂 治朗	(株)日本工管	1984. 7. 14-1984. 12. 20
農業機械	鷹巣 政夫	(株)日本車両	1984. 12. 20-1985. 1. 27

KADP

(1) 長期専門家

担 当	氏 名	所 属	派遣期間
リーダー	井上 淳二	(財)日本農業土木総合研究所	1986. 3. 25-1988. 6. 24
リーダー	若林 守喜	農林水産省	1988. 6. 3-1991. 3. 22
業務調整	佐藤 朗	J I C A特別囑託	1986. 3. 13-1987. 3. 31
業務調整	華表 一夫	J I C A特別囑託	1987. 3. 12-1989. 3. 11
兼畑作栽培	奥田 実行	J I C A特別囑託	1989. 3. 27-1991. 3. 26
栽培(稲作)	堀端 俊造	元農林水産省	1986. 6. 5-1993. 3. 12
(畑作)	富高 元徳	J I C A国際協力専門員	1986. 6. 5-1991. 3. 12
水管理	瀬古 良勝	滋賀県庁	1986. 6. 5-1989. 6. 4
水管理	古山 徳春	北海道庁	1988. 8. 1-1992. 3. 12
施設管理	高橋 新宣	農用地開発公団	1986. 6. 5-1988. 6. 4
兼開発計画	柳田 敏雄	福島県庁	1988. 6. 10-1990. 6. 9
農業機械	佐藤 鉦一	株式会社クボタ	1986. 6. 5-1988. 6. 4
(操作)	菅原 清吉	元J I C A派遣専門家	1988. 6. 10-1993. 3. 12
農業機械	玉熊 亮慈	農用地開発公団	1986. 6. 5-1988. 6. 4
(維持管理)	椎山 秀雄	株式会社クボタ	1988. 6. 22-1990. 6. 21

(2) 短期専門家

担 当

土壌分析	井碩 昭	農林水産省	1986. 10. 2-1986. 12. 25
農業経済	香月 敏孝	農林水産省	1987. 9. 25-1987. 12. 24
稲病害	野田 孝人	農林水産省	1990. 2. 20-1990. 3. 24
農業機械	神崎 英一	株式会社クボタ	1990. 8. 28-1991. 3. 12
(維持管理)			

5. 研修員リスト

KADC

研修分野	氏 名	研修期間
灌漑排水	Mr. G. B. MOSHI	1981. 3-11
同	Mr. J. M. LUTASHOBYA	1982. 2- 3
稲作機械化	Mr. F. J. KIMARYO	1982. 8-11
籾処理精米加工	Mr. S. R. CHAYOA	1983. 8-11
稲栽培	Mr. G. W. CHONJO	1983. 2-11
栽培	Mr. Z. K. SARAKIKYA	1981. 3-11
野菜生産	Mr. B. N. MACHA	1984. 2-11

KADP

研修分野	氏 名	研修期間
野菜生産	Ms. GRACE MSHANGA	1986. 2 -11
稲作（一般）	Mr. W. B. NDRORO	1986. 3 -10
農業機械整備	Mr. E. E. SWAI	1986. 6 -12
灌漑排水	Mr. J. M. LUTASHOBYA	1987. 2 -11
稲作（一般）	Mr. R. P. M. SAMANYA	1987. 3 -10
農業機械整備	Mr. R. K. MAKANGE	1987. 6 -12
スタディツアー	Mr. G. N. MGENDI	1987. 8 - 9
野菜生産	Mr. ZABRON K. SARAKIKYA	1988. 2 -11
稲作（一般）	Ms. MAGDALENA U. K. HARRISON	1988. 3 -10
農業機械整備	Mr. J. S. MWAFULILWA	1988. 5 -11
灌漑排水	Mr. T. P. LYIMO	1989. 2 -11
米作機械化（第3国研修）	Mr. G. S. KIJANA	1989. 5 -11
籾処理精米加工	Mr. J. F. KIMARYO	1989. 8 -11
野菜生産	Mr. MUTUNGI G. RUGEMALIRA	1990. 1 -11
農業協同組合	Mr. W. H. HERIBL	1990. 3 - 7
水管理	Mr. ESTON W. SIYAME	1990. 3 -10
稲作（一般）	Mr. GEOFFREY NGODOKI	1990. 3 -10

6. 主要供与機材リスト

車 両	その他
1979年度	ステーションワゴン(1) 発電機 (1)、スレッシャー(1)、秤 (2、10、100、200kg 各1)、コピー機(1)、その他事務用品
1980年度	ランドクルーザー(1) トレンチャー(1)、発電機(2)、スパパーツ類、耕ムグラウ(3)、バックホー(1)、灌漑設備/水中ポンプ(2)、パイプライン一式、スプリンクラーシステム 一式、電気設備一式、コマツアングルドーザー(1)
1981年度	トラック3t(1)、四輪駆動車(2) 水中ポンプ(1)、フォークリフト(1)、単車90cc(3)、電源切替盤(1)、防水シート 一式、トラクター(2) グレーダー(2)、耕運機(3)、乾燥機(2)、スプリンクラー(1)、ティラー(3)、草刈機(1)、エンジン標本(6)、プロジェクター(1)、16mm 映写機(1)、スライド、フィルム類、顕微鏡(2)、冷蔵庫(1)、その他
1982年度	ランドクルーザー(2)、ランクルステーションワゴン(1)、マイクロバス(1) トラクター(1)、フェンス 一式、殺虫・菌剤、ビニールシート(1)、ポット一式、コピー機(1) ビデオ 一式、カメラ(1)、リジッター(2)、ディスクハロー(2) フックゲージ(10)、蒸発計(2)、漏水量測定器(2)、減水深測定器(2)、ロータリーリジッター(1)、事務機器類、工具類、デシケーター(6)、その他
1983年度	四輪駆動車(1)、ダンプトラック(1)、タンクローリー(1)、ランドクルーザー(1)、ランクルステーションワゴン(1) 単車(3)、フェンス 600m、スプリンクラー用パイプ 一式、トラクター(2)、ディスクプラウ(2)、ディスクハロー(2)、ツースハロー(2)、カルチベーター(2)、管理用タイヤチューブ(2)、リジッター(2)、水田車輪(2)、ローターベーター(1) 草刈機(3)、噴霧器(3)、作業用工具類、防鳥ネット、その他

1984年度	マイクロバス(1)、四輪駆動車(4)	ロータリーカッター(3)、ディスクハロー(2)、水田車輪(13)ブレーキ(10)、テンションメーター(5)、流速計(1)、自記水位計(1)、巻き尺(15)、転圧機(1)、骨材フルイ分け試験器(1)、手押一輪車(30)、スプリンクラー(6式)、コンクリートミキサー(1)、フレームター(3)、ピルホース(900m)、コペー機(1)、その他
1985年度	四輪駆動車(2)	加圧モーターポンプ(1)、農業類、事務用品、スパーツ(車両、農業機械)
1986年度	四輪駆動ピックアップ(5) 広報車(1) 軽給油車(1)	アップルコンピューター(1)、複写機(2)、洗車機(1)16mm映写装置(1)、ガレージジャッキ(5)、ドリルセット(10)、工具類、事務用品類、車両部品類防鳥網(8)、農業機械部品類、ワープロ(1)
1987年度	四輪駆動車(3) 単車(10)	防犯用フェンス(1)、テント(2)、カラー写真現像セット(1)、耐火金庫(2)、電圧調整機(5)、ポンプ(3)、農業機械部品類、自伝車(10)、事務用品類、コンピューター部品類、事務機器類、種子類、農機具類、栽培試験器具類、実験器具類、アセチレンガス発生機、車両部品類
1988年度	四輪駆動車(4) 単車(7)	電動タイプライター(2)、自動電圧調整機(10)、複写機(1)、事務機器部品類、事務用品類、ワグ(3)、土壌分析器具類、栽培試験器具類、脱穀機(1)、種子類、工具類、収穫袋、穀物水分計(5)、手動除草機(5)、車両部品類、農業機械部品類

四輪駆動車 (3)

1989年度

電圧調整機 (5)、電圧変換機 (5)、大豆脱粒機 (1)、大豆篩 (1)、燃料給油機 (1)、車両部品類、事務機器類、事務用品類、自転車 (5)、栽培試験器具類、農業機械部品類、車両・農業機械工具類、鋼材類

1990年度

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