

# 付 属 資 料

SCOPE OF WORK  
FOR  
THE FEASIBILITY STUDY  
ON  
THE INTEGRATED AGRICULTURAL AND RURAL DEVELOPMENT  
IN  
HIGHLAND AREA  
IN  
THE REPUBLIC OF INDONESIA


AGREED UPON  
BETWEEN  
DIRECTORATE GENERAL OF FOOD CROPS AND HORTICULTURE  
MINISTRY OF AGRICULTURE  
THE REPUBLIC OF INDONESIA  
AND  
JAPAN INTERNATIONAL COOPERATION AGENCY

Jakarta, February 24, 1999



for

Dr. Chairil Anwar Rasahan  
Director General,  
Directorate General of Food Crops  
and Horticulture,  
Ministry of Agriculture



Mr. Masaru Sasaki  
Leader,  
Japanese Preliminary Study Team,  
Japan International Cooperation  
Agency (JICA)

## I. Introduction

In response to the request of the Government of the Republic of Indonesia (hereinafter referred to as "Government of Indonesia "), the Government of Japan (hereinafter referred to as "Government of Japan ") has decided to conduct the Feasibility Study on the integrated agricultural and rural development in highland area in the Republic of Indonesia (hereinafter referred to as "the Study"), in accordance with the relevant laws and regulations in force in Japan.

Accordingly, Japan International Cooperation Agency (hereinafter referred to as "JICA"), the official agency responsible for the implementation of the technical cooperation programs of the Government of Japan, will undertake the Study in close cooperation with the authorities concerned of the Government of Indonesia.

The present document sets forth the Scope of Work with regard to the Study.

## II. Objectives of the Study

The objectives of the Study are;

1. to conduct the Feasibility Study for selected model areas on the integrated agricultural development in highland area as a model for further upland agriculture development including maintenance of small scale upland irrigation facilities and farming plan to develop upland agriculture by promoting upland field cropping, and
2. to carry out, in course of the Study, technology transfer to the Indonesian counterpart personnel concerned.

## III. Study area

The Study area consists of eight (8) model areas. These areas are listed on the following:

1. Mekarjaya (100ha),
2. Langensari (72ha),
3. Tugumukti (50ha),
4. Gekbrong (50ha),
5. Cisurupan (300ha),
6. Tanjungkarya (80ha),
7. Mekarmukti (167ha) and
8. Chisantana (250ha).

(Refer to the ANNEX I)

## IV. Scope of the Study

In order to achieve the above objectives, the Study will cover the following items:

1. Model areas will be mapped and general profiles of these will be reviewed. And typical model areas will be selected.

1-1. To collect and analyze existing data and information and to carry out field survey and investigation of each model area on the following:

(1) natural condition

- location, area and topography
- meteorology and hydrology
- water quality
- geology
- soils
- vegetation
- others

(2) socio-economic condition

- economic indices
- social infrastructure
- gender
- others

(3) agricultural condition

- seedling preparation and distribution system
- present land use
- farming practices
- research , extension services and training
- supporting services
- agricultural economy
- post-harvest and processing system
- marketing system and analysis
- agro-infrastructure and maintenance
- farmers' organization
- agricultural machinery
- others

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(4) agricultural infrastructure

- irrigation and drainage facilities
- farm road networks

(5) environmental condition

- natural aspects
- social, economical and cultural aspects

1-2. To prepare topographic map for each model area.

1-3. To prepare the drafting agricultural development plan considering natural condition, land use and other features for each model area.

1-4. To select several typical model areas from the listed model areas.

1-5. To conduct Initial Environmental Examination.

2. Formulation of the Integrated Agricultural and Rural Development plan for selected typical model areas.

2-1. To conduct supplementary field survey and investigation for selected typical model areas.

2-2. Formulation of the optimum improvement plan (s) considering following items:

- (1) Agriculture
- (2) Agricultural and Rural Infrastructure
- (3) Operation, Maintenance and Management

2-3. Environmental Impact Assessment, if necessary

2-4. Preparation of implementation schedule

2-5. Estimation of the project cost and benefits

2-6. Overall evaluation of the project

## V. Study schedule

The Study will be carried out in accordance with the attached tentative schedule. (Refer to the ANNEX II)

## VI. Reports

JICA shall prepare and submit the following reports in English to the Government of Indonesia.

### 1. Inception Report

Thirty (30) copies at the commencement of the field study in Indonesia.

### 2. Interim Report

Thirty (30) copies at the two months later from the beginning of the field study in Indonesia.

### 3. Draft Final Report

Thirty (30) copies at the end of the work in Indonesia. The Government of Indonesia will provide JICA with its comments on the Draft Final Report within one (1) month after receipt of the Draft Final Report.

### 4. Final Report

Fifty (50) copies within two (2) months after receipt of the Government of Indonesia's comments on the Draft Final Report.

## VII. Undertakings of the Government of Indonesia

1. To facilitate smooth conduct of the Study, the Government of Indonesia shall take necessary measures:

1-1. to secure the safety of the Japanese study team.

1-2. to permit the members of the Japanese study team to enter, leave and sojourn in the Republic of Indonesia for the duration of their assignment therein, and exempt them from foreign registration requirements and consular fees,



- 1-3. to exempt the members of the Japanese study team from taxes, duties, fees and other charges on equipment, machinery and other materials brought into the Republic of Indonesia for the conduct of the Study,
  - 1-4. to exempt the members of the Japanese study team from income tax and charges of any kind imposed on or in connection with any emoluments or allowances paid to the members of the Japanese study team for their services in connection with the implementation of the Study,
  - 1-5. to provide necessary facilities to the Japanese study team for the remittance as well as utilization of the funds introduced into the Republic of Indonesia from Japan in connection with the implementation of the Study,
  - 1-6. to secure permissions for entry into private properties or restricted areas for the implementation of the Study, when it is required,
  - 1-7. to secure permission for the Japanese study team to take all data and documents (including photographs and maps) related to the Study out of the Republic of Indonesia to Japan and
  - 1-8. to provide medical services as needed. Its expense will be chargeable on the members of the Japanese study team.
2. The Government of Indonesia shall bear claims, if any arises, against the members of the Japanese study team resulting from, occurring in the course of, or otherwise connected with the discharge of their duties in the implementation of the Study, except when such claims arise from gross negligence or willful misconduct on the part of the members of the Japanese study team.
3. Directorate General of Food Crops and Horticulture (DGFCH), Ministry of Agriculture shall act as counterpart agencies to the Japanese Study Team and also as the coordinating body in relation with other governmental organizations and non-governmental organizations concerned for smooth implementation of the Study.
4. DGFCH shall, at it's own expenses, provide the Japanese study team with the following, in cooperation with other organizations concerned:
- 4-1. available data and information related to the Study,
  - 4-2. counterpart personnel,
  - 4-3. suitable office spaces with necessary equipment and furniture in Jakarta and Bandung and,

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4-4. credentials or identification cards.

### VIII. Undertaking of JICA

For the implementation of the Study, JICA shall take the following measures:

1. to dispatch, at its own expense, study team to the Republic of Indonesia, and
2. to pursue technology transfer to the Indonesian counterpart personnel in the course of the Study.

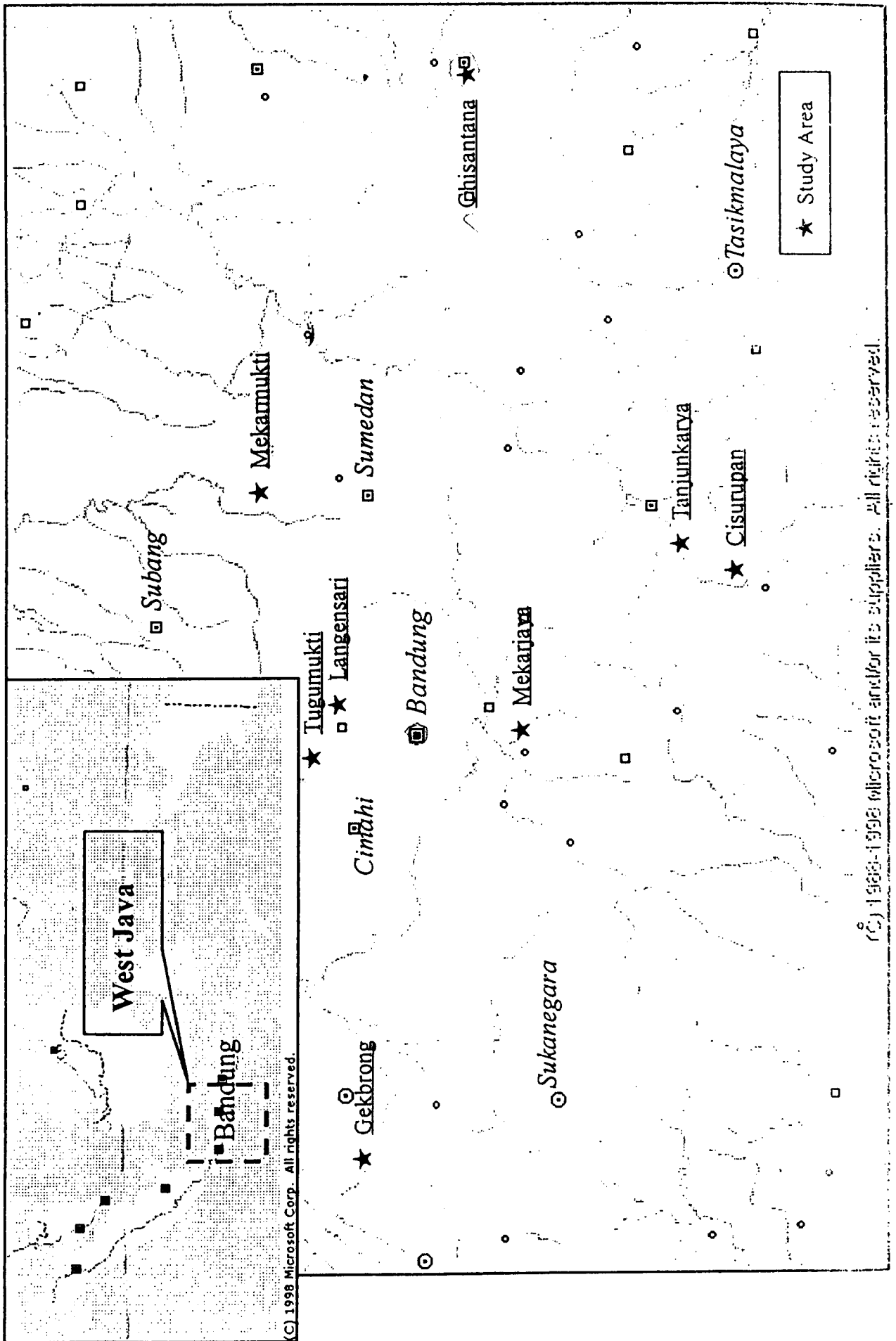
### IX. Consultation

JICA and DGFCH shall consult with each other in respect of any matter that may arise from or in connection with the Study.

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# ANNEX I LOCATION MAP



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ANNEX II

TENTATIVE SCHEDULE

Month	1	2	3	4	5	6	7	8	9	10	11	12	13
Item													
Works in Indonesia													
Works in Japan													
Reports													

(Remarks)

- Ic/R : Inception Report
- It/R : Interim Report
- Df/R : Draft Final Report
- F/R : Final Report
- ◎ : Comments on Df/R by Indonesian side

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MINUTES OF MEETING  
ON  
SCOPE OF WORK  
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THE FEASIBILITY STUDY  
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THE INTEGRATED AGRICULTURAL AND RURAL DEVELOPMENT  
IN  
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Jakarta, February 24, 1999



for

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Dr. Chairil Anwar Rasahan  
Director General,  
Directorate General of Food Crops  
and Horticulture,  
Ministry of Agriculture



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Mr. Masaru Sasaki  
Leader,  
Japanese Preliminary Study Team,  
Japan International Cooperation  
Agency (JICA)

In response to the request of the Government of the Republic of Indonesia, the Government of Japan decided to dispatch through Japan International Cooperation Agency (hereinafter referred to as "JICA"), which is responsible for the implementation of technical cooperation programs of the Government of Japan, the preliminary study team (hereinafter referred to as "the Team") headed by Mr. Masaru Sasaki, to the Republic of Indonesia from February 14 to March 3, 1999 so as to discuss and exchange views for the Feasibility study on the Integrated Agricultural and Rural Development in Highland area in the Republic of Indonesia (hereinafter referred to as "the Study"), with the Directorate General of Food Crops and Horticulture, Ministry of Agriculture (hereinafter referred to as "DGFCH") and officials concerned of the Government of the Republic of Indonesia for the implementation of the Study.

DGFCH and the Team have mutually agreed to the Scope of Work on the Study.

The following minutes were prepared to confirm the main issues to be discussed and matters to be agreed upon by both of Japanese and Indonesian side. The list of participants in a series of meetings is attached to ANNEX I.

1. As to paragraph 1-4 of section IV, "select " shall conduct based on the result of paragraph 1-1, 1-2 and 1-3 of section IV. It is taking criteria mentioned below into consideration, and would be clarified in the Interim Report.
  - (1) To select the area in which the necessity of the project is highly understood among farmers and the potential for organizing farmers highly exists,
  - (2) To select the area in which the potential of agricultural development for upland crops highly exists,
  - (3) To select the area in which the demonstration effect are expected, and
  - (4) To select the area in which rehabilitation and construction of agricultural infrastructures (irrigation facilities, etc.) are urgently required.
2. For the effective and efficient implementation of the Study, both sides agreed that it is necessary to utilize the Joint Coordinating Committee of the 3<sup>rd</sup> Umbrella Cooperation.
3. Equipment and furniture for offices of the Japanese study team to be provided would be limited to essential furniture, such as desks, chairs, external telephone line and air-

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conditioner.

4. The Team strongly requested Indonesian side to provide the necessary number of counterpart personnel, who are qualified governmental officials, during the whole period of the Study. The Indonesian side promised to be responsible for the assigning. The Indonesian side explained that they would make effort to allocate the traveling cost for counterpart personnel in the Study, however, due to the current limited budget condition, it will be difficult to do that.
5. The Team strongly requested that, whenever necessary, Indonesian side would provide referential data and information no later than March 10, 1999. In order for Indonesian side to do as mentioned above, it was agreed that the Team would prepare the list by March 3, 1999.
6. The Indonesian side promised that the Ministry of Agriculture would strongly requested the budget for implementing this study's F/S plans to BAPPENAS by utilizing international organization's scheme.
7. The Indonesian side requested to hold the workshop, which explains the result of the Study, at the end of the work in Indonesia.
8. The Indonesian side requested that Japanese side would be responsible for the counterpart personnel training in Japan related to the Study in order to promote an effective technology transfer. The Team promised to convey this request to the Government of Japan.
9. The final report of the Study should be opened to public whenever requested.

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## ANNEX I

### LIST OF PARTICIPANTS

#### 1. Indonesian Side

##### 1) Ministry of Agriculture

##### Directorate General of Food Crops and Horticulture (DGFCH)

Dr. Ir. Chairil Anwar Rasahan	Director General of Food Crops and Horticulture
Dr. Ir. Rudi Wibowo MS	Secretary for Directorate General of Food Crops and Horticulture
Dr. Ir. Edward Napitupulu	Director of Planning and Programming, DGFCH
Ir. Ngentem Malem Sinulingga,	Director, Directorate of Land Rehabilitation and Development, DGFCH
Ir. Achmad Fuadi	Head of Sub Directorate of Foreign Cooperation
Ir. Richard Karim,	Head, Section, Farm and Water Management, Directorate of Land Rehabilitation and Development
Martha Soelaksmi, B.Sc	Staff, Sub Directorate of Foreign Cooperation, Directorate of Planning and Programming
Ir. Sarlistyaningsih, M.Sc,	Staff, Sub Directorate for Foreign Cooperation, Directorate of Planning and Programming
Ir. Wijayanti Yusuf M Sc,	Staff, Sub Directorate of Foreign Cooperation, Directorate of Planning and Programming
Ir. Tangkas Pandjaitan M Sc,	Staff, Directorate of Land Rehabilitation and Development
Ir. Wahyu Marno,	Staff, Directorate of Land Rehabilitation and Development
Mr. Yutaka Sugii,	JICA Expert
Mr. Kuraji Kato,	JICA Expert
Mr. Hironori Ogata,	JICA Expert
Mr. Hirofumi Hoshi,	JICA Expert

##### Secretary General

Ir. Yandri	Staff, Bureau of Foreign Cooperation
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##### 2) Ministry of Public Works

Dr. Sutardi	Directorate General of Water Resources Development
Mr. Nakano Minoru	JICA Expert

##### 3) West Java Province

Ir. Dady Mulyadi M Agr. Sc.	Head of West Java Provincial Agricultural Service
Ir. Abubakar,	Head, Section, Farm and Water Management, Agriculture Service in West Java



## 2. Japanese Side

### 1) Preliminary Study Team

Mr. Masaru Sasaki,	Leader
Mr. Masahiro Tamura,	Agriculture
Mr. Jun Yamada,	Agricultural and Rural Infrastructure
Dr. Katsumi Chida,	Environment
Mr. Kazuya Suzuki,	Coordinator

### 2) JICA Indonesia Office

Ms. Yasue Yoshinari,	Assistant Resident Representative
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MINUTES OF MEETING  
ON  
THE INCEPTION REPORT  
OF  
THE FEASIBILITY STUDY ON THE INTEGRATED AGRICULTURAL AND  
RURAL DEVELOPMENT IN THE HIGHLAND AREA

JAKARTA, 27 SEPTEMBER 1999



Dr. Ir. Chairil Anwar Rasahan  
Director General,  
Directorate General of Food  
Crops and Horticulture,  
Ministry of Agriculture



MR. Hiroshi Kuronuma  
TEAM LEADER  
JICA STUDY TEAM

Witness



Mr. Yoshihisa Masanaga  
Coordinator  
JICA ADVISORY TEAM



MINUTES OF MEETING  
ON  
THE INCEPTION REPORT  
OF  
THE FEASIBILITY STUDY ON THE INTEGRATED AGRICULTURAL AND  
RURAL DEVELOPMENT IN HIGHLAND AREA

DATE : 21 September, 1999  
TIME : 14:00 to 17:00  
PLACE : Meeting Room of DGFCH, JAKARTA  
PARTICIPANTS : Names of all the participants as per attached Attachment 1

The meeting was convened to explain and discuss the Inception Report on the Feasibility Study on the Integrated Agricultural and Rural Development in Highland Area, being submitted to the Government of Indonesia on 20th September 1999 by JICA Study Team. The Report defines the Objectives of the Study, Scope of the Study, the Plan of Operation, and the Basic Approach to the Study.

The meeting was chaired by the Director of Planning and Programming, DGFCH, Dr. Ir. Edward Napitupulu, on behalf of Director General of the DGFCH, Dr. Ir. Chairil Anwar Rasahan. The chairperson presented the general agenda of the meeting, and then introduced the participants of the Indonesian side.

Following the chairperson's explanation, Mr. MASANAGA, JICA advisory team, explained the general background of the Study and introduced the participants of the Japanese side.

The Team Leader of JICA Study Team made a presentation of the Inception Report.

After the presentation of the Inception Report, discussions were made between the Indonesian side and the Japanese side. Through the discussion, the following items are confirmed by both sides.

1. The contents of the Inception Report were basically agreed by the Indonesian side.
2. The Indonesian side suggested to the Study Team that the marketing aspect should be emphasized in the Study in order to increase farmers' income. The JICA Study Team stated that the better marketing system is the essential item of the Study, and then the efficient marketing system including the joint shipping and selling, processing, packaging, etc. will be formulated in the Study.
3. The Indonesian side requested the JICA Study Team that the following aspects should be paid the attention to: (i) Composition of farmers in the model area, (ii) Size of farm roads, (iii) Farmers' involvement into the Project, (iv) Activation



and/or reinforcement of existing farmer's organization, (v) Clarification of minimum economical scale of model area. The JICA Study Team stated that those items will be studied in depth in accordance with the proposed plan of operation mentioned in the Inception Report.

4. The Indonesian side and the Japanese side confirmed that the adequate numbers of counterpart personnel for each member of the Study Team would be arranged by both the central level (DGFCH) and the provincial level (Provincial Agricultural Service in West Java). The counterparts arranged from the West Java Province will be on the full time basis. The expenses related to assignment of counterparts of West Java Province will be managed by themselves (PRAS).

**List of Attendants****1. Indonesian Side****1) Ministry of Agriculture**

Dr. Ir. Chairil Anwar Rasahan	Director General, Directorate General of Food Crops and Horticulture, MOA
Dr. Ir. Edward Napitupulu	Director of Planning and Programming, DGFC
Dr. Winarno	Director of Directorate of Horticulture Production
Ir. Nasrum Hasibuan	Director of Directorate of Farm Business and Processing Development
Ir. Achmad Fuadi	Head of Sub Directorate of Foreign Cooperation, Directorate of Planning and Programming
Dr. Nyoman Oka	Head of Sub Directorate of Horticulture Post Harvest, Directorate of BINUS
Ir. Yandri	Head of Section of International Cooperation Bureau, MOA
Ir. Tangkas Pandjaitan M Sc	Head of Method Section, Directorate of Land Rehabilitation and Development
Ir. Richard Karim	Head of Farm and Water Management Section, Directorate of Land Rehabilitation and Programming
Martha Soelaksmi B.Sc	Head of Foreign Cooperation Document Preparation Section, Sub Directorate of Foreign Cooperation, Directorate of Planning and Programming
Ir. Wahyu Marno	Staff, Directorate of Land Rehabilitation and Development
Mr. Hironori Ogata	JICA Expert
Mr. Yutaka Matsumoto	Consultant Team Leader, IHUDUA Project
Mr. Fumihiko Nagao	Consultant Team Leader, AF-SPL Project

**2) West Java Province**

Ir. Abubakar	Head of Water Management Section, Provincial Agricultural Services, West Java Province
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**2. Japanese Side****1) JICA Study Team**

Mr. Hiroshi Kuronuma	Team Leader
Mr. Hisashi Ishikawa	Agronomist
Mr. Takeshi Saito	Marketing/Agro-processing
Mr. Yoji Mizuguchi	Environment

Mr. Jun Tsurui

Coordinator

**2) JICA Advisory Team**

Mr. Yoshihisa Masanaga

Coordinator, JICA Head Office

MINUTES OF MEETING  
ON  
THE INTERIM REPORT  
OF  
THE FEASIBILITY STUDY ON THE INTEGRATED AGRICULTURAL AND  
RURAL DEVELOPMENT IN THE HIGHLAND AREA

JAKARTA, 24 DECEMBER 1999



Dr. Chairi Anwar Rasahan  
Director General,  
Directorate General of Food  
Crops and Horticulture,  
Ministry of Agriculture



MR. Hiroshi Kuronuma  
TEAM LEADER  
JICA STUDY TEAM

MINUTES OF MEETING  
ON  
THE INTERIM REPORT  
OF  
THE FEASIBILITY STUDY ON THE INTEGRATED AGRICULTURAL AND  
RURAL DEVELOPMENT IN HIGHLAND AREA

DATE : 23 December, 1999  
TIME : 9:00 to 11:00  
PLACE : Conference Room of DGFCH, JAKARTA  
PARTICIPANTS : Names of all the participants as per attached Attachment 1

The meeting was convened to explain and discuss the Interim Report on the Feasibility Study on the Integrated Agricultural and Rural Development in Highland Area, being submitted to the Government of Indonesia on 23rd December 1999 by JICA Study Team. The Report defines the interim results of the Stage-1 Study.

The meeting was chaired by the Director of Planning and Programming, DGFCH, Dr. Ir. Edward Napitupulu, on behalf of Director General of the DGFCH, Dr. Chairil Anwar Rasahan. The chairperson presented the general agenda of the meeting, and then introduced the participants of the Indonesian side.

The Team Leader of JICA Study Team made a presentation of the Interim Report.

Prior to the discussion, Ms. Yoshinari, the assistant representative of JICA Indonesia Office, explained that the project planning in Stage-2 Study would be conducted taking poverty alleviation issues into account.

The discussions were made between the Indonesian side and the Japanese side. Through the discussion, the following items were confirmed by both sides.

1. The contents of the Interim Report were agreed by the Indonesian side.
2. The Indonesian side suggested that the Study Team should examine the market aspects more deeply on the following issues:
  - private sector involvement,
  - market needs of vegetable products,
  - marketing facilities (such as collection center, processing facility and village marketing road), and
  - farmers' training.
3. The Indonesian side and the Japanese side confirmed that the concept of the model areas would be:
  - models for highland agricultural and rural development, and

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- re-applicable to other highland area in West Java Province.
- 4 The Indonesian side suggested that the Study Team should consider socio-economic aspects as follows:
    - Strengthening farmers organization, and
    - Women in development (Gender issue)
  - 5 The chairman concluded the meeting by pointing out the following important aspects for sustainable development of the highland area:
    - Strengthening of bargaining power of poor farmers, and
    - Establishment of network of farmer-cooperatives with other cooperatives, middlemen among centers in province or out of the provinces.

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**List of Attendants****1. Indonesian Side****1) Ministry of Agriculture**

Dr. Ir. Chairil Anwar Rasahan	Director General, Directorate General of Food Crops and Horticulture, MOA
Dr. Ir. Edward Napitupulu	Director of Planning and Programming, DGFCH
Dr. Winarno	Director of Directorate of Horticulture Production, DGFCH
Ir. Nasrun Hasibuan MSc	Director of Directorate of Farm Business and Processing Development, DGFCH
Ir. Achmad Fuadi MSi	Head of Sub Directorate of Foreign Cooperation, Directorate of Planning and Programming
Dr. Nyoman Oka	Head of Sub Directorate of Horticulture Post Harvest, Directorate of Farm Business and Processing Development
Ir. Sarlistyaningsih MSc	Staff, Sub Directorate of Foreign Cooperation Directorate of Planning and Programming
Ir. Sri Setiati	Staff, Sub Directorate of Horticulture
Mr. Kusuma	Bureau of Foreign Cooperation, MOA
Ir. Richard Karim	Head of Farm and Water Management Section, Directorate of Land Development and Rehabilitation
Ir. Tangkas Panjaitan MSc	Staff, Directorate of Land Development and Rehabilitation, DGFCH, MOA
Martha Soelaksmi B.Sc	Head of Foreign Cooperation Document Preparation Section, Sub Directorate of Foreign Cooperation, Directorate of Planning and Programming
Mr. Y. Sugii	JICA Expert
Mr. Hironori Ogata	JICA Expert
Mr. Nariyoshi Odashima	JICA Expert

**2) Ministry of Cooperative**

Mr. Meliadi Sembiring	Senior Official, Ministry of Cooperation
Mr. T. Shimizu	JICA Expert

**2. Japanese Side****1) JICA Study Team**

Mr. Hiroshi Kuronuma	Team Leader
Mr. Hisashi Ishikawa	Agronomist
Mr. Nobuo Sambe	Agricultural and Rural Infrastructure

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**Attachment 1**

Mr. Makoto Ishizuka  
Mr. Jun Tsurui

Sociology/Farmer's Organization  
Coordinator

**2) JICA Indonesia Office**

Ms. Yasue Yoshinari

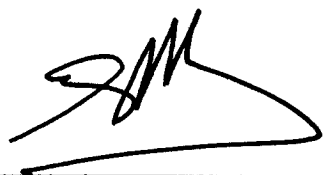
Assistant Representative

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MINUTES OF MEETING  
ON  
THE DRAFT FINAL REPORT  
OF  
THE FEASIBILITY STUDY ON THE INTEGRATED AGRICULTURAL AND  
RURAL DEVELOPMENT IN THE HIGHLAND AREA

JAKARTA, 15 MARCH 2000

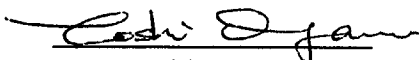


Dr. Chairil Anwar Rasahan  
Director General,  
Directorate General of Food  
Crops and Horticulture,  
Ministry of Agriculture



MR. Hiroshi Kuronuma  
TEAM LEADER  
JICA STUDY TEAM

Witness



MR. Toshio Ogawa  
Team Leader  
Advisory Team

**MINUTES OF MEETING  
ON  
THE DRAFT FINAL REPORT  
OF  
THE FEASIBILITY STUDY ON THE INTEGRATED AGRICULTURAL AND  
RURAL DEVELOPMENT IN HIGHLAND AREA**

**DATE** : 15 March, 2000  
**TIME** : 9:00 to 12:30  
**PLACE** : Hotel Kemang, JAKARTA  
**PARTICIPANTS** : Names of all the participants as per attached Attachment 1

The meeting was convened to explain and discuss the Draft Final Report on the Feasibility Study on the Integrated Agricultural and Rural Development in Highland Area, being submitted to the Government of Indonesia on 13th March 2000 by JICA Study Team. The Report defines the results of the Study.

The meeting was chaired by the Director of Bureau of International Cooperation (Secretariat General), Ir. Suharyo Husen, MOA and the Director of Planning and Programming, DGFCH, Dr. Ir. Edward Napitupulu, on behalf of Director General of the DGFCH, Dr. Chairl Anwar Rasahan. The chairpersons presented the general agenda of the meeting and the seminar.

Prior to the discussion, the Team Leader of Advisory Team, Mr. Toshio Ogawa made a welcome speech.

The Team Leader of JICA Study Team made a presentation of the Draft Final Report.

The discussions were made between the Indonesian side and the Japanese side. Through the discussion, the following items were confirmed by both sides.

1. The contents of the Draft Final Report were generally agreed by the Indonesian side.
2. The following items were discussed and/or confirmed by both sides;
  - logical framework of the Project mentioned in PDM,
  - possibility of credit scheme by the project,
  - control of use of agro-chemicals should also be considered to avoid contamination of water sources,
  - extension services should be jointly performed by; i) official service (PPL, PPS, etc.), ii) key farmers, iii) NGO, iv) private sector, and v) educational institutions,
  - alternative plans of financial arrangement including percentage of external expert cost, and
  - possibility of participation of beneficiaries in implementing the project for

**sustainable development**

3. Initiative of project implementation arrangement shall be taken by the local government according to the local autonomy policy.
4. It was confirmed that local government, namely, District Agricultural Service Office shall take primary responsibility in the implementation of the project at the field level under the guidance of the Provincial Agricultural Service Office. The responsible agency of the central government will be determined according to new structure of department organization, which is subject to information from the Indonesian side.
5. Initiative of project implementation arrangement shall be taken by the local government according to the local autonomy policy.
6. It was confirmed by the both sides that the Indonesian side will prepare comments on the Draft Final Report if any and submit them to JICA through its Indonesia Office within one month from March 15 2000..



**List of Attendants**

**1. Indonesian Side**

**1) Ministry of Agriculture**

Dr. Ir. Chairil Anwar Rasahan	Director General, Directorate General of Food Crops and Horticulture, MOA
Dr. Ir. Edward Napitupulu	Director of Planning and Programming, DGFCH
Dr. Nyoman Oka	Head of Sub Directorate of Horticulture Post Harvest, Directorate of BINUS
Ir. Richard Karim	Head of Farm and Water Management Section, Directorate of Rehabilitation and Land Development
M. Nasrul Hasibuan	Director of Directorate of Farm Business and Processing Development
Heliyani	Staff of Directorate of Horticulture
Lilie W	Secretariat of Directorate General of FCH
Irwan Kamil	Directorate of Plant Protection (PERLINTAN)
Achdijat Basari	Directorate of Seed
Ir. Tangkas Pandjaitan, M.Sc	Head of Land Methode Section Directorate of Rehabilitation and Land Development
Oscar Rulli	Staff of Directorate of Programming
Hilma Maizir	Staff of Directorate of Programming
Sidik R	Staff of Directorate of Programming
Sutarto A	Staff of Directorate of Plant Protection (PERLINTAN)
H. Suharyo Husen, SE	Head of Bureau of International Cooperation (Secretariat General)
IB Arwana	Staff Bureau of International Cooperation (Secretariat General)
Ir. Wahyu Marno	Staff of Directorate of Rehabilitation and Land Development
Mardiyah Hayati	Staff of Directorate of Horticulture Post Harvest, Directorate of BINUS
Martha Soelaksmi, B.Sc	Sub Directorate of Foreign Cooperation
Sukarman	Staff of Directorate of Programming
Yanthi Yusuf	Sub Directorate of Foreign Cooperation
Ir. Suhermat	Provincial Agriculture Service
Ir. Kurniadhi Didi	Provincial Agriculture Service
Ir. Abubakar	Provincial Agriculture Service



Mr. Hironori Ogata

JICA Expert

**2) Ministry of Cooperatives**

Mr. Meliadi Sembiring

Cooperative Department

Mr. T. Shimizu

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