

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

**MINISTRY OF AGRICULTURE, FORESTRY AND FISHERIES (MAFF)
DEMOCRATIC REPUBLIC OF EAST TIMOR**

**THE STUDY
ON
INTEGRATED AGRICULTURAL DEVELOPMENT
OF
EAST TIMOR
COMPLETION REPORT
FOR
IMPLEMENTATION OF THE PILOT PROJECT**

SEPTEMBER 2003

SANYU CONSULTANTS INC.

PREFACE

In response to a request from the United Nations Transitional Administration in East Timor (UNTAET), the Government of Japan decided to conduct the Study on Integrated Agricultural Development of East Timor and entrusted the Study to the Japan International Cooperation Agency (JICA).

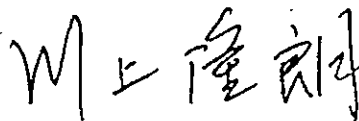
JICA dispatched a study team headed by Mr. Seiji Takeuchi of Sanyu Consultants Inc. to East Timor for the period from March 2001 to July 2003.

The team held discussions with the officials concerned of East Timor, and conducted field surveys and a pilot project. Upon returning to Japan, the team submitted a Development Plan Report to the Government of East Timor in July 2002. The team conducted a further pilot project then prepared this Completion Report.

I hope that this report will contribute to the agricultural development of East Timor and also promote further friendly relation between our two countries.

Finally, I wish to express my sincere appreciation to the officials concerned of the Government and those concerned in East Timor for the close cooperation they have extended to the study.

September 2003



Takao Kawakami
President
Japan International Cooperation Agency

Mr. Takao Kawakami
President,
Japan International Cooperation Agency

September, 2003

Dear Mr. Takao Kawakami,

Letter of Transmittal

We are pleased to submit to you the Completion Report on the Pilot Project at the termination of the Phase-II Study on the Integrated Agricultural Development of East Timor. The Report presents the study results of the Pilot Project, which has been identified through the Study and implemented since November 2002, in close collaboration with the Ministry of Agriculture, Forestry and Fisheries (MAFF), Manatuto District Agricultural Office, Haburas Manatuto farmers group, etc.

In East Timor, the riot and destruction which occurred after the independence referendum in 1999, caused massive loss of lives and property. There was a consequent general breakdown of the entire social fabric and a sudden collapse of the economy. Since the Tokyo Donor Meeting for East Timor held in December 1999, all donors have been strongly promoting supporting activities for reconstruction and development of East Timor. The Japanese Government has implemented urgent studies for reconstruction and support projects for the development and welfare of East Timor since January 2000. These works shall aim to accelerate the urgent reconstruction of East Timor by way of rehabilitation and maintenance of infrastructures, capacity building and rural community development..

Agricultural sector in East Timor provides about 78 percent of the nation's employment. This sector would be considered to play an important role for reconstruction and development of the country. It would be strongly requested to promote sustainable agricultural development toward security of staple food and income generation of the farmers through, increase in agricultural production, capacity building of the government and community people.

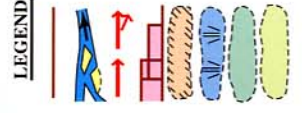
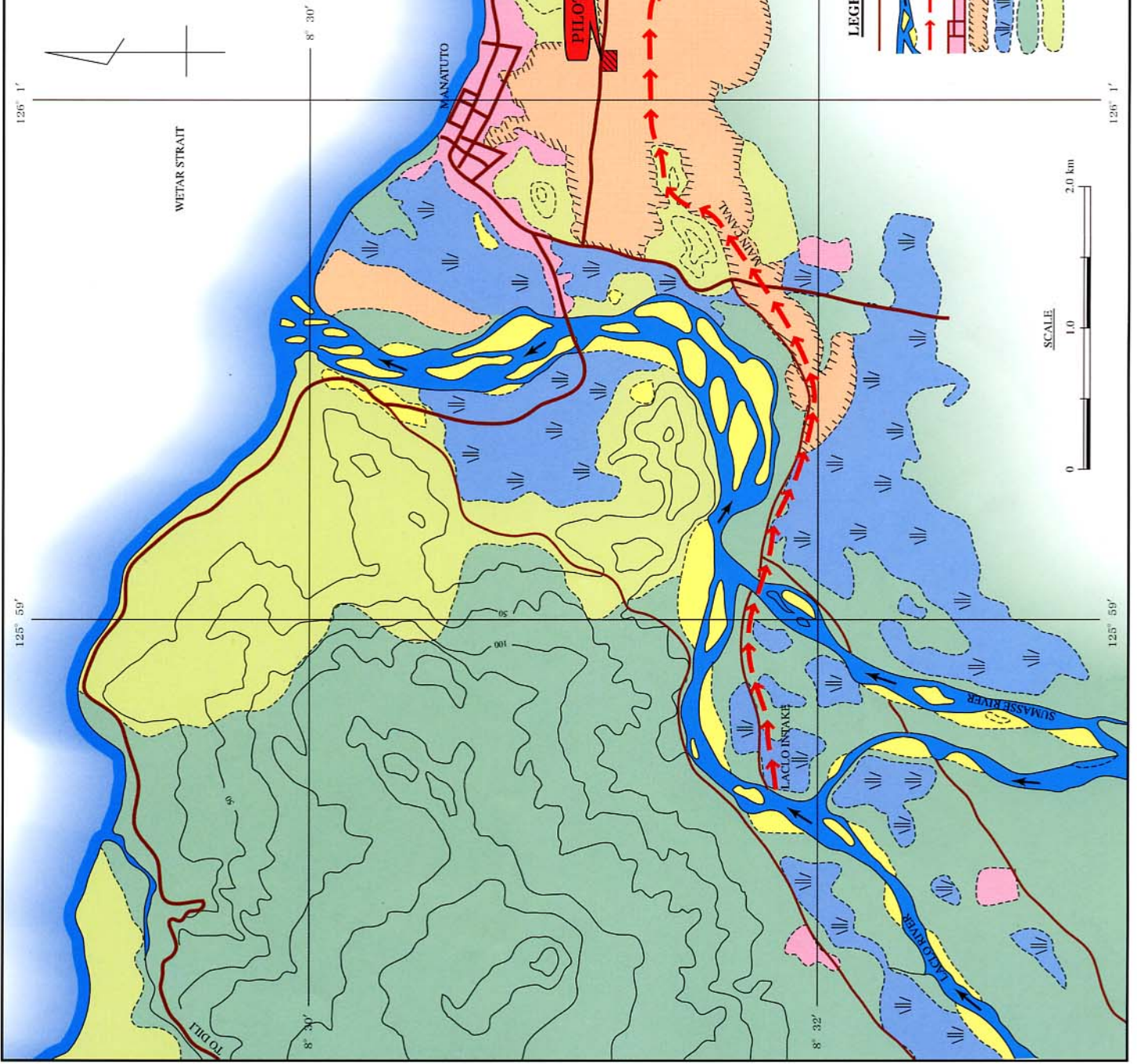
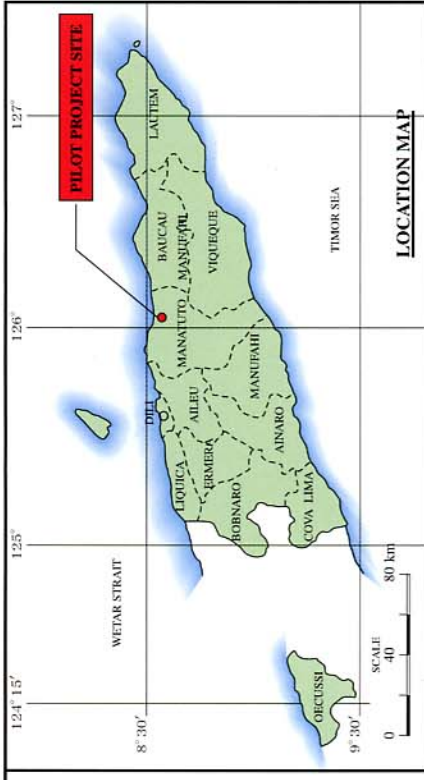
Under the circumstances, the Pilot Project was implemented aiming at i) verification of validity of the Development Plan formulated during the Phase-I Study, ii) transferring of technologies and capacity building-up of the relevant government agencies and staff as well as the farmers on the irrigated rice cultivation, and iii) reflection of lessons learned from the Pilot Project on the agricultural development in East Timor. Therefore, we expect this Report will contribute to development of the agricultural sector in East Timor.

We wish to take this opportunity to express our sincere gratitude to your Agency, the Ministry of Foreign Affairs, Ministry of Agriculture, Forestry and Fisheries of the Government of Japan, especially for Advisory Committee, which gave useful advice to the Study Team from time to time so as to smoothen the Study. We also wish to express our deep gratitude to the MAFF, and related agencies of the Government of Democratic Republic of East Timor for the close cooperation and assistance extended to us during our investigation and study.

Very truly yours,



Seiji Takeuchi
Team Leader, the Study on Integrated
Agricultural Development of East Timor



LOCATION MAP OF PILOT PROJECT AREA



Discussion with farmer's group on renting systems of tractor



Training of tractor to farmers



Pulling of local variety seeding (IKAN) at nursery bed



Transplanting of improved variety seeding (IR-64)



Paddy growing by different varieties of IR-64 (left) and Ikan (right)



Paddy growing by different planting methods of direct sowing (left) and line planting (right)



Weight measurement of harvested paddy before threshing works



Threshing works of the harvested paddy at fields



Yield components survey of paddy by counting grain numbers per panicle



Monitoring and evaluation workshop at the final stage of the Pilot Project