

Japan International Cooperation Agency (JICA)
Directorate General of Water Resources (DGWR)
Ministry of Settlement and Regional Infrastructure (KIMPRASWIL)
Government of the Republic of Indonesia

THE STUDY
FOR
IMPROVEMENT OF IRRIGATION MANAGEMENT
AND
EMPOWERMENT OF WATER USERS' ASSOCIATIONS
FOR
ENHANCEMENT OF TURNOVER PROGRAM
IN
THE REPUBLIC OF INDONESIA

FINAL REPORT

MAIN REPORT

NOVEMBER 2001

PACIFIC CONSULTANTS INTERNATIONAL

COMPOSITION OF THE FINAL REPORT

***** English Version *****

Executive Summary
Main Report
Annex

***** Indonesian Version *****

Summary

***** Japanese Version *****

Main Report

Exchange Rate (November 2001)		
US\$ 1.00	=	Rp. 95,800
Rp. 100	=	¥ 1.28
US\$ 1.00	=	¥122.6

PREFACE

In response to a request from the Government of the Republic of Indonesia, the Government of Japan decided to conduct a Study for Improvement of Irrigation Management and Empowerment of Water Users Associations for Enhancement of Turnover Program in the Republic of Indonesia and entrusted the Japan International Cooperation Agency (JICA) with the Study.

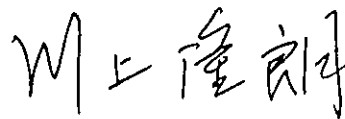
JICA selected and dispatched a study team headed by Mr. Keiji MATSUMOTO of Pacific Consultants International to the Republic of Indonesia between April 2000 and October 2001.

The Study Team held discussions with officials concerned of the Government of Indonesia, and conducted field surveys at the Study Area. Upon returning to Japan, the Team conducted further studies and prepared this Final Report.

I hope that this Report will contribute to the promotion of the Turnover Program and to the enhancement of friendly relations between our two countries.

Finally, I wish to express my sincere appreciation to the officials concerned of the Government of Indonesia for their close cooperation extended to the Study Team.

December, 2001



Takao KAWAKAMI
President
Japan International Cooperation Agency

Tokyo, November of 2001

Mr. Takao KAWAKAMI
President
Japan International Cooperation Agency

Transmittal Letter

We are glad to submit the Final Report of the Study for Improvement of Irrigation Management and Empowerment of Water Users' Association for Enhancement of Turnover Program in the Republic of Indonesia.

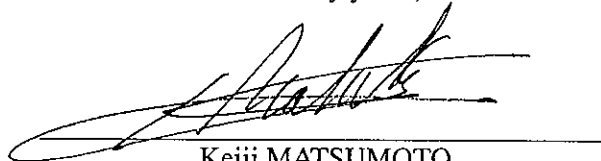
The report consists of the Action Plan for Improvement of irrigation management and empowerment of water users' associations, which have been prepared in consideration of the advices and recommendations of relevant ministries of the Government of Japan and JICA on formulation of development, as well as the discussions with the Indonesian counterpart on the Draft Final Report and their comments on the report.

Under the Irrigation Operation and Management Policy (1987), the Government of Indonesia started irrigation management turnover to water users associations for the decrease or elimination of government financing to irrigation O&M of irrigation scheme less than 500 ha by promoting self-reliant water users association. Under Water resources management reformation policy (1999) and Water resources sector adjustment loan (WATSAL), the government started the expansion and enhancement of irrigation management turnover program for all irrigation schemes.

This Study aimed to formulate the action plan to be implemented by government officials and farmers for enhancement of turnover of irrigation management within framework to be established by WATSAL. The Study conducted by participatory approach through all stages of the study from the problem identification upto action plan formulation at central government and five Study provinces. Many field surveys and workshops were conducted with collaboration with government officials and farmers. As a result of the study the action plan formulated to be a guideline for the government officials to enhance the irrigation management turnover program. It is thus anticipated that these Action Plan be put into implementation as soon as possible following the implementation schedule proposed in the report.

Taking this opportunity, we express our sincere gratitude to the officials of your Agency, the Ministry of Settlements and Regional Infrastructure and the Ministry of Agriculture, Forestry and Fishery of the Government of Japan for their valuable advices and recommendations for our Study. We are also grateful to the officials of the Ministries and other public organizations involved in the Study for their devoted cooperation and support during the implementation of the Study in Indonesia.

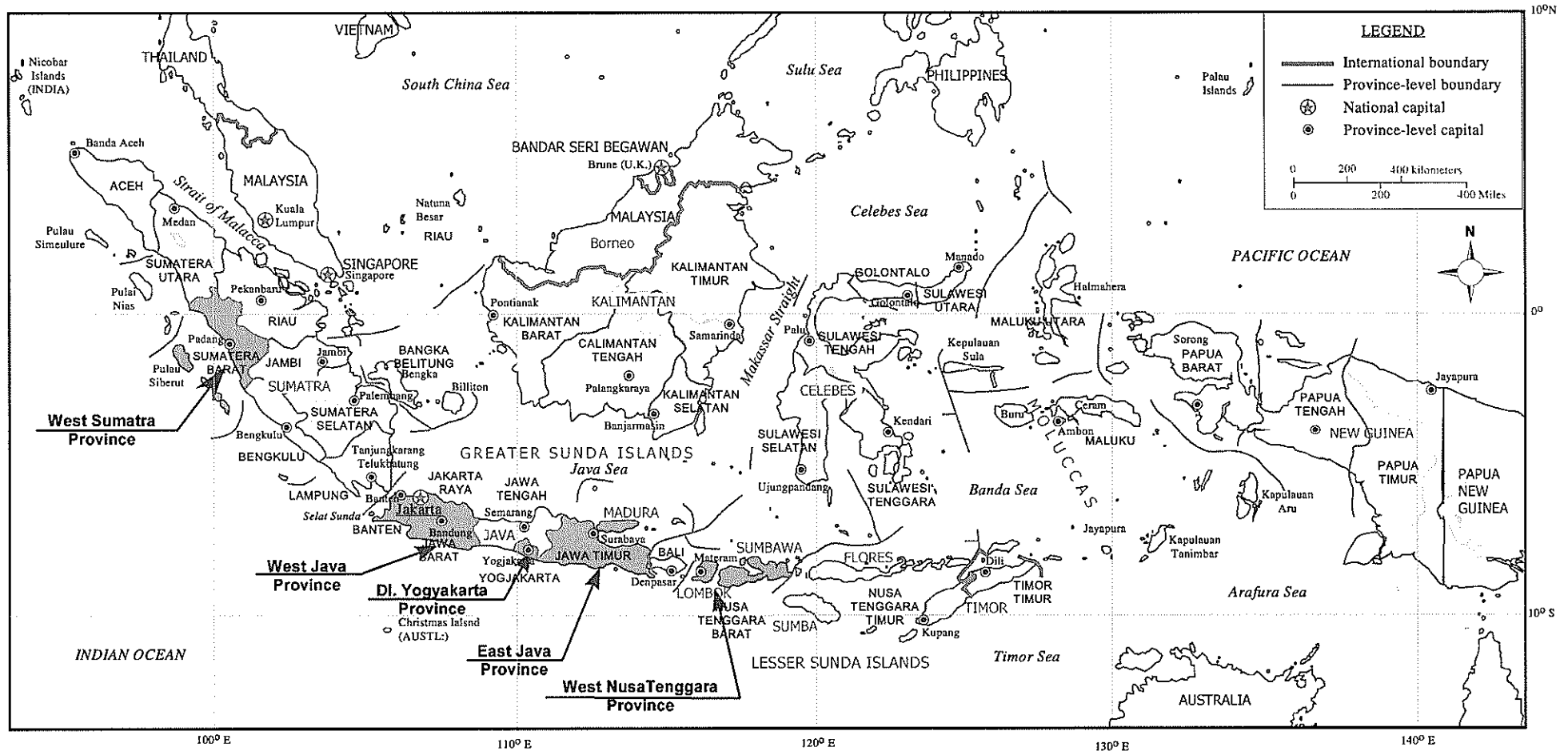
Sincerely yours,



Keiji MATSUMOTO
Team Leader

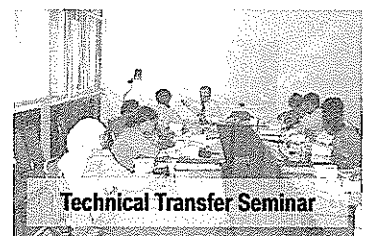
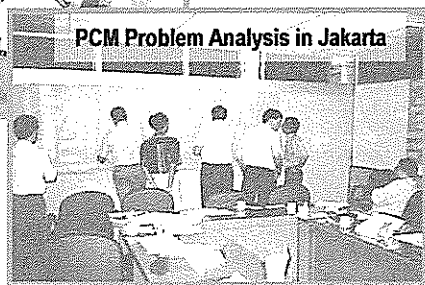
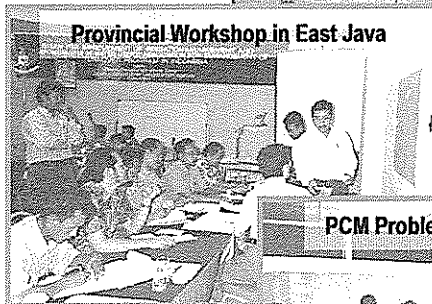
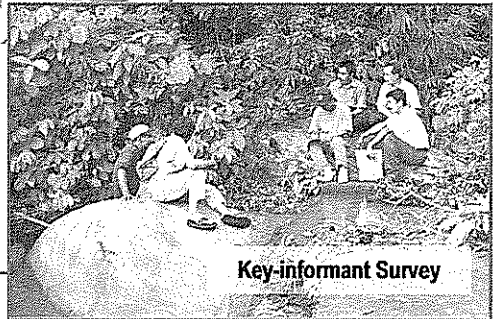
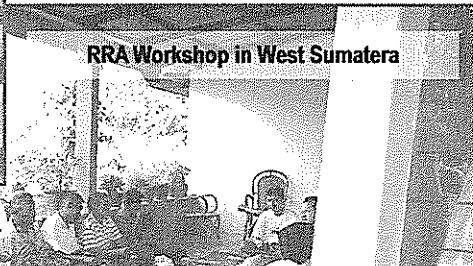
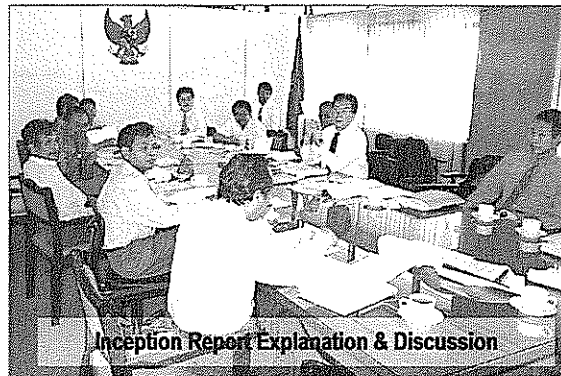
The Study for Improvement of Irrigation
Management and Empowerment of Water
Users Associations for Enhancement of
Turnover Program in the Republic of
Indonesia

Study for Improvement of Irrigation Management and Empowerment of Water Users' Associations for Enhancement of Turnover Program



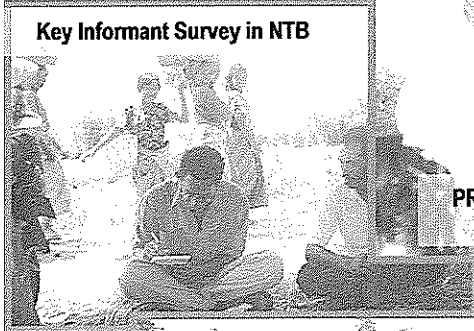
Location of Study Provinces

PHASE I FIELD SURVEY
- Problem Analysis -
April to November 2000

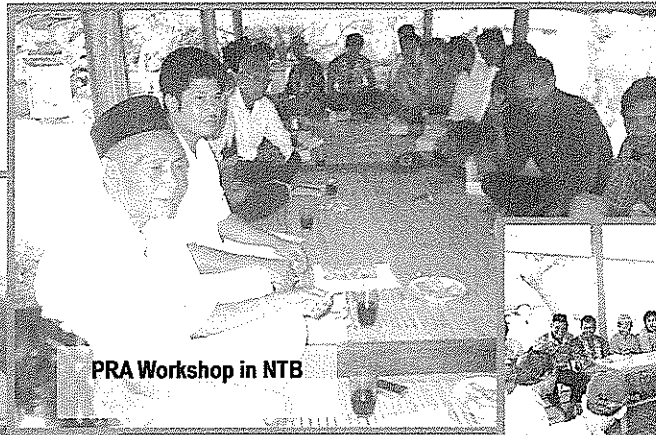


PHASE II FIELD SURVEY
- Action Plan Formulation -
January to June 2001

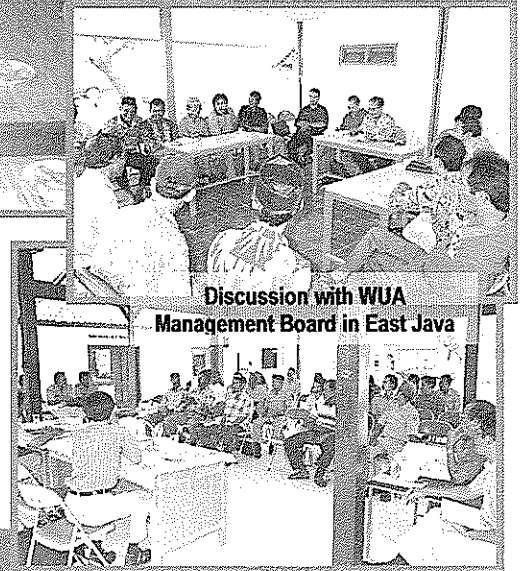
Key Informant Survey in NTB



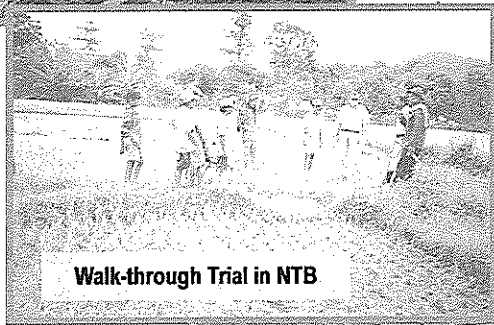
PRA Workshop in NTB



Discussion with WUA Management Board in East Java



Walk-through Trial in NTB



Kabupaten Workshop in West Sumatera



Provincial PCM Workshop in DI. Yogyakarta



Farmers Representative in Central Worksho in Jakarta



Study Tour for O&M Planning Trial in West Java



WUA Database Trial in Bandung

