

## 12 Indonesia

### Small Scale Irrigation Management Project (2)



Secondary and tertiary canals that were developed by the project (South Sulawesi Province)

#### Outline of Loan Agreement

Loan Amount / Disbursed Amount	8,135 million yen / 8,076 million yen
Loan Agreement	November 1994
Terms & Conditions	Interest rate 2.6% p.a. Repayment period 30 years (Grace period 10 years)
Final Disbursement Date	December 2000

#### Project Outline

Small scale irrigation development projects were carried out in three provinces of West Nusa Tenggara, East Nusa Tenggara and South Sulawesi in Eastern Indonesia for the purpose of increasing production of rice and other agricultural products, thus contributing to income enhancement and poverty reduction of farmers.

#### Results and Evaluation

Through this project, the surface water irrigation sub-project and groundwater irrigation sub-project were implemented from the construction of a dam and headworks, and the total irrigation area reached 15,786ha. As a result, compared with the planned value of 17,925ha, the actual area planted with rice was 19,631ha, exceeding the planned value by approximately 10%. On the other hand, in terms of the area planted with other grains, actual value was 9,556ha, compared with the planned value of 9,897ha. Regarding the two sub-projects that were visited by the evaluation team, in South Sulawesi and West Nusa Tenggara, due to the drastic increase of agricultural productivity, both recognized the rise in the standard of living for local farmers such as the purchase of agricultural machines, the increase in the level of education for children and the ownership of land and houses.

A participatory approach has been integrated into this project, such as supporting the development of a farmers' organization and attempting the participation of farmer from the planning stage. Even after project completion, generally speaking, the facilities are in good condition, and the maintenance systems are fully established by the farmers' irrigation association.