

Pakistan

Pat Feeder Canal Rehabilitation and Improvement Project



Pat feeder canal

Outline of Loan Agreement

Loan Amount / Disbursed Amount	1,551 million yen / 934 million yen
Loan Agreement	September 1987
Terms & Conditions	Interest rate 2.75% p.a. Repayment period 30 years (Grace period 10 years)
Final Disbursement Date	January 1995

Project Outline

The project was the first phase of the agriculture development plan on Kachi Plain in Baluchistan Province increasing the irrigation area to 185,500 hectares as a means of increasing production of agricultural crops with the aim of improving farmers' standards of living.

Results and Evaluation

The project strengthened the delivery capacity of irrigation water and increased the irrigation area as planned, from 142,000 hectares in 1986 to the post-project level of 185,500 hectares. Cropping areas were expanded rapidly in the latter half of the 1990s, and they reached target levels after 1999.

Unit yields of agricultural crops increased between 1986 and 2000, from 2.4 tons/ha to 4.2 tons/ha for rice, and from 1.2 tons/ha to 2.8 tons/ha for wheat. This has resulted in an increase of around 6.4 fold in the productivity of rice, from 87,000 tons in 1986, to 558,000 tons in 2000. The project is thus evaluated as having contributed to improving the standards of living of farmers in the region on the basis of these increases in agricultural productivity. In terms of the operation and maintenance of the facilities, thus far, the canals have been maintained in good condition, however, the collection rate for irrigation service fees paid by farmer-beneficiaries is low, and finding ways to secure a stable budget for operation and maintenance is an issue. It will be necessary for the executing agency to establish and strengthen the fee collection system.