

Brantas River Middle Reaches Improvement Project (II)



Rubber Dam of Brantas River Middle Reaches

Outline of Loan Agreement

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| Loan Amount/ Loan Disbursed Amount | ¥6,000 million / ¥5,945 million |
| Loan Agreement | February 1985 |
| Terms and Conditions | Interest rate: 3.5%, Repayment period: 30 years (grace period: 10 years) |
| Final Disbursement Date | January 1994 |

Project Profile

The project, which was one element of the comprehensive development plan for the Brantas River flowing through eastern Java, aimed to improve the river to protect its middle reaches from flood damage.

Results and Evaluation

The executing agency and maintenance agency do not have any quantitative data on flooded land area, value of flood damage or any other indicators of the project's impact on flood damage. However, the Brantas River basin has seen enormous growth in gross regional product and regional population between the 70s, when the implementation of various development projects began, and 1993, when the project was completed, and it is reasonable to assume the project played some part within that trend. The major facilities are largely in good condition, but there is erosion and other damage to river banks in some places. Future measures to repair some damaged facilities are being supported through Special Assistance for Project Sustainability (SAPS). Some of the damage to facilities appears to be due to uncontrolled gathering of gravel from the river, which artificially lowered the river bed. To maintain the sustainability of project effects, the affected facilities should be repaired, but social measures must also be taken, including stronger regulations to prevent the taking of gravel from the river.