

Road Maintenance Improvement Project



Macadamized Trunk Road (Semarang City, Java)

Outline of Loan Agreement

Loan Amount/ Loan Disbursed Amount	¥4,043 million / ¥2,845 million
Loan Agreement	September 1991
Terms and Conditions	Interest rate: 2.6%, Repayment period: 30 years (grace period: 10 years)
Final Disbursement Date	October 1996

Project Profile

The project was to provide the road maintenance equipment required for daily maintenance of completed national and provincial routes, and to train the staff of the executing agency in order to prevent the sudden deterioration of road structures, and ensure the smooth flow of traffic on trunk roads.

Results and Evaluation

The project mechanized daily maintenance tasks and provided training, as well as preparing and distributing management manuals, with the following effects.

Repair work could be made faster and more mobile.

Mechanization made it possible to handle operations such as landslide repair for the first time.

Repair methods appropriate to the type and severity of damage were adopted.

Mechanization improved and stabilized the quality of ordinary repair works.

The following steps must be taken to ensure the sustainability of the project:

An appropriate budget must be secured for daily maintenance.

Systems are required for appropriate distribution of the maintenance budget and procurement of spare parts.

Appropriate organizations must be set up based on decentralization etc.