

14 Indonesia

Jakarta Solid Waste Management System Improvement Project



A garbage collection vehicle procured through this project

Outline of Loan Agreement

Loan Amount / Disbursed Amount	3,863 million yen / 2,757 million yen
Loan Agreement	November 1993
Terms & Conditions	Interest rate 2.6% p.a. Repayment period 30 years (Grace period 10 years)
Final Disbursement Date	August 2000

Project Outline

In response to the growing volume of garbage, and for the improvement of the environment, the betterment of the garbage disposal system in Central Jakarta was carried out.

Results and Evaluation

Through this project, (1) the procurement of 193 garbage collection vehicles, 140 containers and 7 road cleaning vehicles, (2) construction of a transfer station, (3) construction of vehicle repair shops, and (4) the development of the final disposal site, were implemented. The garbage volume of Jakarta City prior to project implementation was 23,708m₃/day, 80% of which was collected by the Jakarta Cleaning Department. Although the volume of garbage increased to 25,600m₃/day after project implementation, the rate of collection has also improved to 85.7%. The average number of trips of garbage collection vehicles (between the collection point and transfer station) was 1-2 times/day prior to the project, but due to the construction of a transfer station, this increased to 2.98 times/day. The development of the final disposal site has made it possible to utilize the landfill capacity to the maximum. Thus the project has contributed to bolstering the garbage collection system of the city and also improved the environment for the residents and sanitary conditions. The materials and equipment procured through this project are generally being maintained and managed in good order. However, the volume of garbage produced by Jakarta City is exceeding the disposal capacity of the final disposal site, and the reconstruction of a garbage collection and disposal system is necessary.