

Nairobi Water Supply Project



Water mains pipeline

Outline of Loan Agreement

Loan Amount / Disbursed Amount	5,342 million yen / 4,963 million yen
Loan Agreement	March 1989
Terms & Conditions	Interest rate 2.5%p.a. Repayment period 30 years (Grace period 10 years)
Final Disbursement Date	August 1994

Project Outline

The project involved the construction of water supply facilities from a new source in order to meet the rapidly increasing demand for water in Kenya's capital, Nairobi. It comprised construction of a dam, water intake facilities, a water treatment plant, distribution pipelines, drainage facilities, and a sewage water treatment plant, and was co-financed by the World Bank, the African Development Bank, and the European Investment Bank; the Japan's ODA loan portion covered the water transmission pipelines.

Results and Evaluation

The project was completed at the end of 1992 and resulted in the water supply capacity to Nairobi increasing from the pre-project level (1985) of 194,000 m³/day to 455,000 m³/day, making it possible to meet increased demand for water in line with the exponential growth of the population during this period (from 1.1 million in 1985 to 2.1 million in 2000).

According to the interview survey of residents, although respondents cited problems with unstable water quality/volume, more than half are currently satisfied with their water supply, and the result indicates that the project has been effective in reducing the incidence of water-borne diseases.

However, more than 50% of water is unaccounted for due to problems with bill collection and leakage, etc., which is putting pressure on the operations of the executing agency. Accordingly, Nairobi has obtained support from the World Bank and is in the process of investigating measures to improve operations, including private sector involvement. Concerning facilities, while there have been no major problems with the water transmission pipelines to date, there is a need to promote effective operation and maintenance in combination with other facilities.