

Indonesia

Expansion of National Radio Frequency Monitoring Network (II)



Radio frequency monitoring equipment

Outline of Loan Agreement

Loan Amount / Disbursed Amount	5,701 million yen / 5,487 million yen
Loan Agreement	December 1987
Terms & Conditions	Interest rate 3.0%p.a. Repayment period 30 years (Grace period 10 years)
Final Disbursement Date	December 1992

Project Outline

The project involved the establishment of radio monitoring stations throughout Indonesia targeting the prevention of radio jamming caused by the illegal use of radio transmission and improvements in wireless telecommunications services.

Results and Evaluation

The project was the successor to a yen loan project for fiscal 1979; the Phase I project (a monitoring system for MF/HF bandwidths) and targeted VHF and UHF radio stations, which had grown exponentially. It covered the establishment of fixed/mobile monitoring stations at 31 locations nationwide, and the introduction of equipments designed to record and analyze frequency, position of transmission, and so forth.

This made it easier to identify unlicensed broadcasting stations and illegal transmissions and enabled the confiscation of equipments used for illegal communications/broadcasts. Moreover, the reductions in interference, etc., have not only improved the condition of radio waves within Indonesia, it has also eliminated the impact on neighboring countries of radio jamming/interruption, which had become a problem.

The project was also effective in improving the system of licensing. The 14-fold increase in government revenues from licensing fees between project completion in 1992 and 2000, can be cited in this respect.

The project equipments were manufactured/installed between 1990 and 1991, and since there is a shortage of both technical engineers and spare parts, repairs to the equipments, which are now more than 10 years old, have become problematic. Accordingly, it will be necessary to ensure sufficient revenue and personnel for operation and maintenance.