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Engineering and Science Education Project



Equipment for science and technology education provided through this project

Outline of Loan Agreement

Loan Amount / Disbursed Amount	3,055 million yen / 3,055million yen
Loan Agreement	August 1993
Terms & Conditions	Interest rate 3.0% p.a. Repayment period 30 years (Grace period 10 years)
Final Disbursement Date	September 2000

Project Outline

The objectives of this project were to promote science and technology education at high schools, universities and graduate schools with the aim of cultivating high quality engineers capable of playing a central role in the economic development of the country.

Results and Evaluation

This project was co-financed by the World Bank and involved the provision of experimental equipment for research and educational use to 19 major universities and 110 public high schools in the Philippines. Moreover, scholarships were awarded to 6,181 university and high school teachers, providing opportunities for academic study and research to be pursued in both domestic and international educational and research institutes.

The Engineering Education portion of this project achieved real results: for example, a 112% increase in the number of students on undergraduate courses and a 193% in graduate school attendance levels as compared to initial targets. Moreover, in case studies of project beneficiaries, respondents replied that the project had contributed to preventing brain drain since university teachers were able to continue research within the country, and that it has enabled universities to produce high quality students for industry.

In the schools targeted by this evaluation, maintenance and management of equipment is being conducted appropriately. Although each of the schools has taken the necessary steps to secure the budget resources necessary to cover maintenance costs, further autonomous efforts will be necessary.