



Indonesia

9 The Bogor Agricultural University (IPB) Development Project (2)

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This project's objective was to improve the internal efficiency of education, make quantitative and qualitative improvements in education, and strengthen research activities, through the development of facilities and implementation of a fellowship program for faculty staffs at Bogor Agricultural University (IPB), thereby contribute to the development of Indonesia's agriculture by developing human resources and promoting the efficient use of related knowledge and technologies in society.

Loan Amount/Disbursed Amount: 7,716 million yen/6,935 million yen

Loan Agreement: November 1994

Terms and Conditions: Interest rate 2.6%; Repayment period 30 years (grace period 10 years); General untied (consultant component: partially untied)

Final Disbursement Date: December 2002

Executing Agency: Directorate General of Higher Education, Ministry of Education and Culture



External Evaluator: Takako Haraguchi (Global Link Management, Inc.)

Field Survey: September 2004

Evaluation Result

In this project, development of educational and research facilities, a fellowship program for faculty staffs, procurement of equipment and technical assistance for the use of procured equipment and so on were conducted for Faculty of Agriculture, Faculty of Veterinary Medicine and Faculty of Mathematics and Natural Sciences almost as planned. The project period was longer than planned due to delays in construction work and equipment procurement. The project cost was lower than planned.

The average years to graduation for students of the 3 faculties covered by the project in 1993 were 5.1 years and that for master's programs was 2.2 years. In 2003, there were reductions in these figures: 4.8 years and 2.1 years, respectively. It was considered that internal efficiency* has improved. For quantitative and qualitative improvements in education, the total number of postgraduate students enrolled in the 3 faculties covered by the project increased from 723 in 1994 to 1,577 in 2003. The average proportion of lecturers holding master's degrees and/or doctorates in the 3 faculties covered by the project also increased from 62% in 1993 to 84% in 2003, which is beyond the target inter-faculty average of 70% by 2000. In addition, the number of research activities increased from 276 in 1994 to 410 in 2003, including joint projects and funded research involving more than 30 private companies.

IPB, which is responsible for operation and maintenance, was accredited as a

separate legal entity, and its budgetary and institutional autonomy has increased. It has been working to increase university revenues. There is no problem with its technical capacity and operation and maintenance system, and its financial status is good.

As a lesson learned from this project, in projects that implement procurement of sophisticated laboratory equipment together with building construction work, particular attention must be paid to coordination between the equipment selection/tendering process and progress in construction work, and efforts need to be made to ensure that equipment with the appropriate specifications is installed promptly after building work is completed.

* This refers to the relationship between inputs into (incoming students) and outputs from (graduating students) an education system. It indicates the degree of efficiency with which students entering educational establishments graduate within the prescribed curricula framework.

Third-Party Evaluator's Opinion

Making the most of its status as the first national university accredited as a separate legal entity and its facilities developed under this project, IPB is hoped to further strengthen cooperation with domestic and foreign private companies through research activities.

Third-Party Evaluator: Ms. Armida Salsiah Alisjahbana (academia)

Obtained a doctoral degree in economics from Washington State University. Presently holds the posts of Lecturer in economics at Padjadjaran University and Head of Center for Economics and Development Studies. Specializes in public finance, economics of education, economic development, and so on.

Profile of Bogor Agricultural University (IPB)

Located in the city of Bogor in West Java, a distance of some 60 kilometers from the capital, Jakarta. The predecessor to Bogor Agricultural University (IPB) was established in the early years of the 20th century, and while it is one of the oldest universities in Indonesia, it also offers the highest standards of agricultural education and research in the country. Since its inception, as

Indonesia's center for agricultural education and research, IPB has produced human resources with specialist knowledge and skills, provided refresher education programs for lecturers from the nation's universities and advised on national agricultural policy.



Veterinary Teaching Hospital

Effect of the project: provision of opportunities for clinical training

The Veterinary Teaching Hospital that was constructed as part of this project is providing faculty students with opportunities to receive clinical training, and postgraduate students are participating in actual diagnostic activities on a rotational basis. Students now have increased opportunity to receive clinical training with the construction of stables and procurement of equipment under this project.



Postgraduates in the midst of diagnosis activities