

Overall Rating **B** A Foundation for Sustained Growth  
Human Resource Development



10 Indonesia

## Syiah Kuala University Development Project

Contributing to reconstruction of the earthquake and tsunami-ravaged Aceh Province by supporting the university, which is the focal point of development in Aceh.

**Loan Amount/Disbursed Amount** 5.467 billion yen/5.464 billion yen  
**Loan Agreement** November 1993  
**Terms & Conditions** Interest rate 2.6%, Repayment period 30 year (grace period 10 years), General untied (consulting services partially untied)  
**Final Disbursement Date** June 2003  
**Executing Agency** Directorate General of National Education Ministry



### Project Objectives

The objective of this project was to expand education quantitatively, to improve it qualitatively, and to strengthen research activities in the agriculture and engineering departments of Syiah Kuala University of Aceh Province by constructing buildings for these departments, providing educational and research equipment, and administering a fellowship program for teaching staffs, thereby contributing to the development of the Aceh region and Indonesia as a whole through the nurture of engineers and technicians in science and technology fields.

### Effectiveness & Impact

Rating **a**

Regarding the quantitative expansion of education, the number of students, number of new students enrolled, and number of teaching staffs exceeded the initial plan. For example, in 2004 there were a total of 5,070 students in the agriculture and engineering departments compared to an initial plan to have 2,994 students. In 2004, 897 new students enrolled in these departments compared to an initial plan to have 406 new students. On the other hand, qualitative improvement of education was not achieved sufficiently due, in part, to inadequate science education through high school and a lack of facilities and resources in the science department, which handles the basic education for the agriculture and engineering departments. In 2004, the graduation rate for the agriculture department was 9.1% compared to an initial plan of 14.5%. Further, the researchers at Syiah Kuala University, especially those who had acquired degrees through the fellowship program in the project, contributed outstandingly to reconstruction activities following the earthquake off the coast of Sumatra and the tsunami it generated at the end of 2004. In this sense, this project played a big role. Therefore, this project has largely achieved its objectives, and effectiveness is highly satisfactory.

\* The number of graduates in a given school year/the number of students enrolled during that year.



A professor who had studied in Japan applied the techniques he had learned there to develop cement materials that are light and resist water well. This cement contributed to the building of homes during reconstruction.



Another professor who had studied in Japan improved rice breeds that are resistant to dry weather.

### Relevance

Rating **a**

This project has highly relevant with national policies both at the time of appraisal and at the time of ex-post evaluation. As the independence movement ended and the peace process moved forward, basic policies for the development of the Aceh region were formulated. The upgrading of Syiah Kuala University's provision of know-how and human resources to industries in the region is in accordance with these policies and is of extreme importance.

### Efficiency

Rating **b**

Although the project cost turned out to be less than initially planned (about 89% of planned amount), the project period turned out to be longer than planned (about 127% of planned period). Therefore, the evaluation for efficiency is moderate. Construction of the Academic Activity Center, which became the center of the reconstruction, was implemented additionally.

### Sustainability

Rating **b**

The sustainability of this project is moderate, although there are some concerns: the science department has a lack of facilities and resources; operation and maintenance is not sufficient due to the earthquake and tsunami damage; and full attention cannot be devoted to education and research due to the reconstruction activities.

### Conclusion, Lessons Learned, Recommendation

In light of the above, this project can be evaluated highly. However, to gain a greater impact from this project, the science department, which handles the basic education for the agriculture and engineering departments, and the library, which is a critical component of the university as a research and teaching facility, need to be upgraded; not just the agriculture and engineering departments.

### Third-Party Opinion

This project has contributed greatly to the development of the Aceh region and to reconstruction after the earthquake and tsunami. Continued priority funding and improvement of university management could be important in order to have a greater impact.

Specialist: Mr. Surjadi Soedirdja (public sector)  
Former Minister for Home Affairs, former Governor of Jakarta, and former presidential advisor.