

【Name of project】(Adopted year: FY2012, Category I)
 BUILD-UP Cooperative Education Program for Global Human Resource Development in Earth Resources Engineering

【Aim of project, Ideals of Global Human Resource on the project】
 The project aims to create global human resources combining (i) proactive spirit, (ii) deep insight and expertise, as well as (iii) practical communication skills and mutual cross-cultural understanding.

【Summary of project】
 To jointly develop and run the BUILD-UP Cooperative Education Program under the quality assurance of Kyushu University and Waseda University in cooperation with ASEAN universities.

■ Forming the University Network with Quality Assurance

[Japan-ASEAN consortium]

The consortium is based on 4 ASEAN core-universities; WU, CU, ITB, and UGM, which have strong and long established ties with us through AUN/SEED-net. 4 more ASEAN universities will join the program to underline our continues engagement in Asia.

[BUILD-UP Cooperative Education Program]

Three stepwise programs with assured quality are provided for undergraduates and graduates as future global human resources: (i) "International Internship" to obtain practical experiences, (ii) "School on the Move" to promote students exchange, and (iii) "Double Degree" to train highly experienced- and leading-researchers and engineers.

[Recognition of credits, record management, degree awarding]

IEFW leader committee (Japan-ASEAN consortium) and IEFW committee (each university) are jointly work on the planning, implementation, evaluation and improvement of the program as well as on credit management and degree awarding.

■ Contents of the Programs, Preparation for the Start of the Programs

Summer School 2014



[International Internship]

Credits will be given for; (i) prior education at summer school, and (ii) field studies offered through about 40 cooperative companies. From late August to early September 2014, summer school was conducted in Gadjah Mada University, Indonesia. Candidates were also dispatched for internships in Indonesia and Philippines.

[School on the Move]

Credits will be given for; (i) prior education (6 months) (ii) mobile education at different universities (1 month), and (iii) field studies (max. 3 months). Three countries were visited over a period from September to December in 2014 (Philippines, Indonesia, Japan and Cambodia).

[Double Degree]

Successful candidates will be given double degrees from cooperative universities. The program assures quality through joint-development of teaching materials, credit recognition utilizing ACTS, and joint-examination of research work. **A student from Institute of Technology, Bandung study at Kyushu university in 2014.**

School on the Move2014



■ Student-Mobility

[Outbound]

Outbound to seven ASEAN universities: (i) International Internships; 14 students in 2014 and 15 students in 2015 (ii) School on the Move; 48 students in 2014 and 20 students in 2015 (iii) Double Degree; 2 students in 2015.

[Inbound]

Inbound students to two Japanese and seven ASEAN universities: (ii) School on the Move; 26 students in 2014 and 20 students in 2015 (iii) Double Degree; 1 students in 2014 and 3 students in 2015.

	2012	2013	2014	2015	2016
Outbound	37	50	62	62	62
Inbound	22	30	27	48	48

Note : FY2012-2014 results, FY2015 -2016 planned

■ Promotion of Student-Mobility Environment

[Comprehensive student support system]

- Campus ASEAN office (newly introduced)
- International Student and Researcher Support Center (One-Stop Service)
- Carrier Support Center · International Student Center · IEFW committees (newly introduced at each university)

■ Internationalization of the university, Information disclosure and Publication of outcome

[Internationalization of the university]The students from ASEAN cooperative universities and domestic universities are inspired through attendance of lectures, discussions, presentations, and field studies in English and it ties to raise the level of internationalization. Doing presentations and reports submission in English are indispensable to participation in this program. For instance, students participate in international conference.

[Information disclosure and Publication of outcome]The program details are disseminated through the university newsletter. The activities of the program throughout the year are gathered in an annual report and they are distributed to participant universities and government offices. The annually held International conference on earth resources engineering, hosts a session for this program, and offer a platform to exchange information.