

**【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.



- Summer School2013 -

#### [ 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

- School on the Move 2013 -



#### [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 2013, summer school was conducted in Kyushu University. Candidates were also dispatched for internships in Indonesia, Thailand and the 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 2013 (Indonesia, Thailand and Japan).

#### [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. Preparation and consultations are carried out for roll out of program in 2014.

### Student-Mobility

**[Outbound]** Outbound to seven ASEAN universities: (i) International Internships; 8 students in 2013 and 15 students in 2014 (ii) School on the Move; 42 students in 2013 and 20 students in 2014 (iii) Double Degree; 2 students in 2014.

**[Inbound]** Inbound students to two Japanese and seven ASEAN universities: (i) International Internship; 9 students in 2013 and 15 in 2014 (ii) School on the Move; 21 students in 2013 and 20 students in 2014 (iii) Double Degree; 3 students in 2014.

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

Note : FY2012-2013 results, FY2014 -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)

### Visualization of the Content of Education, Dissemination of the Outcomes

#### [Website]

The program's own website (Japanese and English) is updated and available within the homepage of the Faculty of Engineering, and linked with that of the International Affairs Office and other related organizations to promote information exchange and transparency.

#### [Information disclosure and dissemination via symposium and seminars]

Information is disseminated to universities and industries by organizing international symposium and summer seminars as well as by setting up an ASEAN alumni association.

#### [ Expansion of the program ]

The program can be expanded through opening up the summer schools and "School on the Move" to other Japanese and ASEAN universities, and establishing the joint-graduate school" by Japanese • ASEAN consortium based on the accomplishment achieved by this program.