

[Name of project] (Adopted year: FY2012, Type 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.

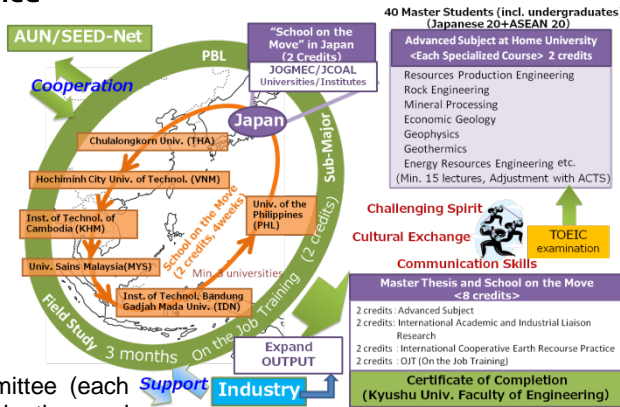
Forming the University Network with Quality Assurance

[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) will jointly work on the planning, implementation, evaluation and improvement of the program as well as on credit management and degree awarding.

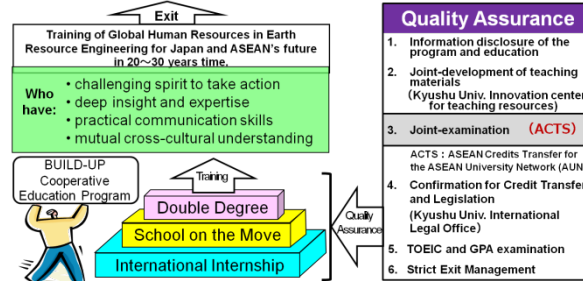
Contents and Goal of the Program



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



[International Internship]
 Credits will be given for; (i) prior education at summer school, and (ii) field studies offered through about 40 cooperative companies



[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)

[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.

[Arrangements so far done]
 Agreements have been signed on the program with 8 universities by August, 2012.

Student-Mobility

[Outbound] Outbound to seven ASEAN universities: (i) International Internships; 15 students from 2012, (ii) School on the Move; 20 students from 2013, and (iii) Double Degree; 2 students from 2014.

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

	2012	2013	2014	2015	2016
Outbound	15	35	37	37	37
Inbound	0	20	38	38	38

Note: These numbers are at application of this project.

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) will be set up within the homepage of 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 will be 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" based on the programs Japanese-ASEAN consortium.

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

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 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.

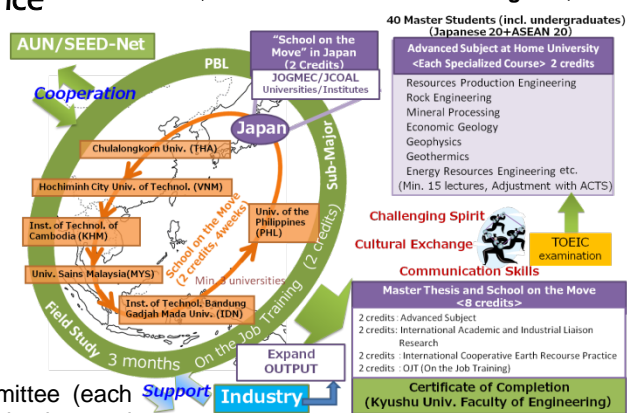
[BUILD-UP Cooperative Education Program]

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) will jointly work on the planning, implementation, evaluation and improvement of the program as well as on credit management and degree awarding.

Contents and Goal of the Program



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

< Concept and Structure of School on the Move >



[International Internship]

Credits will be given for; (i) prior education at summer school, and (ii) field studies offered through about 40 cooperative companies

[School on the Move]

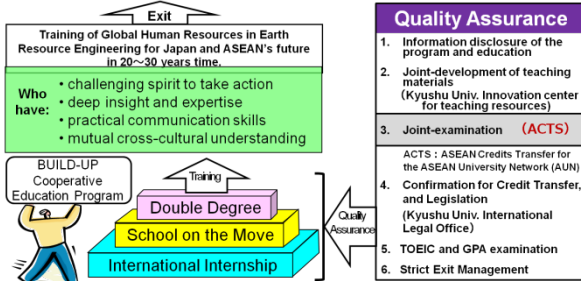
Credits will be given for; (i) prior education (6 months) (ii) mobile education at different universities (1 month), and (iii) field studies (max. 3 months)

[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.

[Arrangements so far done]

Agreements have been signed on the program with 8 universities in January, 2013 at the kick off seminar.



Student-Mobility

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

15 students has already sent to Thailand in January, 2013.

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

	2012	2013	2014	2015	2016
Outbound	37	60	62	62	62
Inbound	22	30	48	48	48

Note : FY2012 results, FY2013 -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) will be set up within the homepage of 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 will be 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.

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BUILD-UP Cooperative Education Program for Global Human Resource Development in Earth Resources Engineering

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[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.



- Summer School2013 -

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.

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[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]

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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 Institut of Technology, Bandung study at Kyushu university in 2014.**



School on the Move 2014

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)
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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.

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

Summer School 2015



[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 2015, summer school was conducted in Chulalongkorn University, Thailand. 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 2015 (Malaysia, Vietnam 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. Two Kyushu University students study at Institut of Technology, Bandung, Indonesia and two students from Gadjah Mada University study at Kyushu university in 2015.



School on the Move2015

Student-Mobility

[Outbound]

Outbound to seven ASEAN universities: (i) International Internships; 16 students in 2015 and 15 students in 2016 (ii) School on the Move; 44 students in 2015 and 20 students in 2016 (iii) Double Degree; 2 students in 2015.and 2 students in 2016.

[Inbound]

Inbound students to two Japanese and seven ASEAN universities: (i) International Internships;15 students in 2016 (ii) School on the Move; 29 students in 2015 and 20 students in 2016 (iii) Double Degree; 3 students in 2015 and 3 students in 2016.

	2012	2013	2014	2015	2016
Outbound	37	50	62	62	62
Inbound	22	30	27	32	48

Note : FY2012-2015 results, FY2016 planned

Promotion of Student-Mobility Environment

[Comprehensive student support system]

- Campus ASEAN office
- 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

[Information disclosure and Publication of outcome] The program details are disseminated through the university newsletter, seminars, conference and journals. 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.

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[Recognition of credits, record management, degree awarding]
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Summer School 2016

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



School on the Move2016

[International Internship]
 Credits will be given for; (i) prior education at summer school, and (ii) field studies offered through about 40 cooperative companies. From middle August 2016, summer school was conducted in Institut Teknologi Badung, Indonesia. Candidates were also dispatched for internships in Indonesia, Thailand 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 July to October in 2016 (Thiland, Indonesia 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, and joint-examination of research work. Two Kyushu University students study at Institue of Technology, Bandung, Indonesia and a student from Gadjah Mada University study at Kyushu university in 2016.

Student-Mobility

[Outbound]
 Outbound to seven ASEAN universities: (i) International Internships; 17 students in 2016 (ii) School on the Move; 43 students in 2016 (iii) Double Degree; 2 students in 2016

[Inbound]
 Inbound students to two Japanese and seven ASEAN universities: (ii) School on the Move; 38 students in 2016 (iii) Double Degree; 3 students in 2016.

	2012	2013	2014	2015	2016
Outbound	37	50	62	62	60
Inbound	22	30	27	31	39

Promotion of Student-Mobility Environment

- [Comprehensive student support system]**
- Campus ASEAN office
 - 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

[Information disclosure and Publication of outcome] The program details are disseminated through the university newsletter, seminars, conference and journals. 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 wrap-up seminar for this program, and offer a platform to exchange information.