#### 2012 MEXT Re-Inventing Japan

#### Support for the formation of collaborative programs with ASEAN Universities

University Consortium for Evidence Based Approach to the Emergent Issues in Asia



## Evidence Based Approach

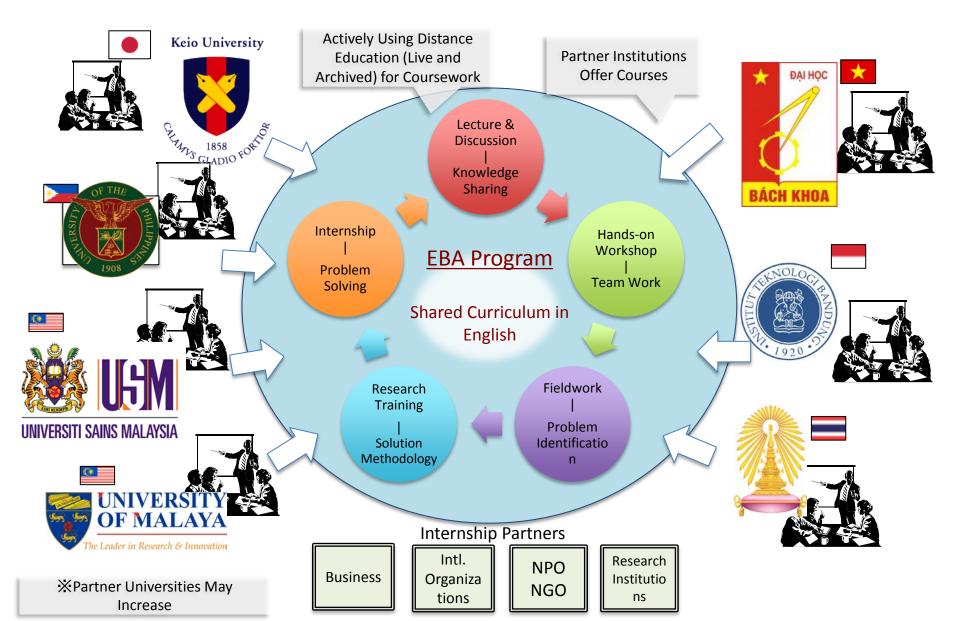
#### to the Emergent Issues in Asia

for the development of Asian region that harmonizes science and technology, resources, and economy within the global information society.

- Emergent Issues in Asia : [Energy and Environment] [Health Environment] [Disaster and Security]
- Evidence Based Approach (EBA) to solve the issues
- Knowledge and Skills to solve the problem based on the deep observation of the field and scientific analysis utilizing "big-data" generated by the information society, shared on the global digital communication infrastructure
- Certificate program for <u>undergraduate</u> and <u>graduate</u>, jointly developed and shared by Japan and ASEAN universities, focusing on EBA. (Pursuing a join degree program in the future.)
- Accepts about 180 students in 5 years. 420 exchange students in total as a part of the program to offer a real experience in the fields as part of the program.

#### Evidence Based Approach

### Concept: University Consortium and the Program



# ASEAN EBA Leader with Resilience, Innovation and Sustainability

# INFORMATION TECHNOLOGY

Scientific analysis with evidence based approach.

# SOCIAL INNOVATION

Realizing the solution in the society with innovative way.

# **EXPERT KNOWLEDGE**

Deep knowledge and problem finding ability in [Energy and Environment] [Health Environment] [Disaster and Security]

#### GLOBAL COLLABORATION SKILL

Discuss across borders to find out the solution

CULTURAL
UNDERSTANDING
AND ACTIONS
IN THE FIELD

Taking courses

from all partners

Faculties in Partner universities

Co-teaching

Accreditec

#### Evidence Based Approach

### **Quality Control and Operation**

#### Coordinator Committee

(monthly meetings)
Students Support,
Educational Environment
and External relations

#### **Operational Structure**

#### Each Partner University' responsibility

Follow the local quality control mechanism/GPA&ECTS/Co-teaching/Assign a curriculum director and a coordination director

#### **Quality Control**

Daily student support utilizing E-portfolio、SNS
And assign mentor to each students
FD support by course survey

#### Consortium's responsibility

#### Curriculum Committee

(Monthly meetings)
Course and fieldwork
design and preparation

#### **Steering Committee**

Annual meeting
Partner university strategy
Status/Progress Review

#### **External Review**

periodical evaluation on students' quality and achievement along with global standard.

## **EBA Consortium : Summary**

- Certificate for undergrad and grad of
  - Resilience, Innovation and Sustainability
- Basic Concept
  - Evidence Based Approach
    - With open(big) data, analysis, computer, network, statistics.
       "Collect, Analysis and Utilize"
  - Encourage students mobility
  - Joint Curriculum building and sharing
- Areas of study
  - [Energy and Environment]
  - [Health Environment]
  - [Disaster and Security]
- Milestones
  - Form a Consortium in March 2013
  - Conduct some trial internships/fieldworks/courses in 2013
  - Program starts from June 2014, enrollment starts April 2014.

## AY 2012 Activities

- Students exchanges in AY2012
  - Internship in Japan : Malaysia-1 (GS), Indonesia-1 (UG)
  - Fieldwork in Japan : Indonesia -2 (2 GS)
  - Fieldwork in Indonesia: 4 (2 UG, 2GS)
  - Fieldwork in Cambodia: 3 (3 GS)
- 1<sup>st</sup> Consortium Meeting in March, 2013
  - 17 participants from ITB, USM, UM, CU, HUST, UP





## AY2013 Activities - Programs

- Students exchange in AY 2013
  - 31 Keio students go to ASEAN (including 12 expected), 12 faculty trips.
  - 25 partner students to Japan/ASEAN (including 11 expected).
- EBA Open Seminar
  - 1<sup>st</sup> in July, monthly from September 2013 to March 2014.
- Courses from Keio
- Fieldworks
  - Kyushu, Japan (environment) organized by Keio University: Aug 2 ~ 9, 2013
  - Yogyakarta, Indonesia (disaster) organized by Keio University and ITB (TBD): March 2014
- Internships
  - Technology Internships : YAMAHA
  - Entrepreneurship Internship: NTT Data





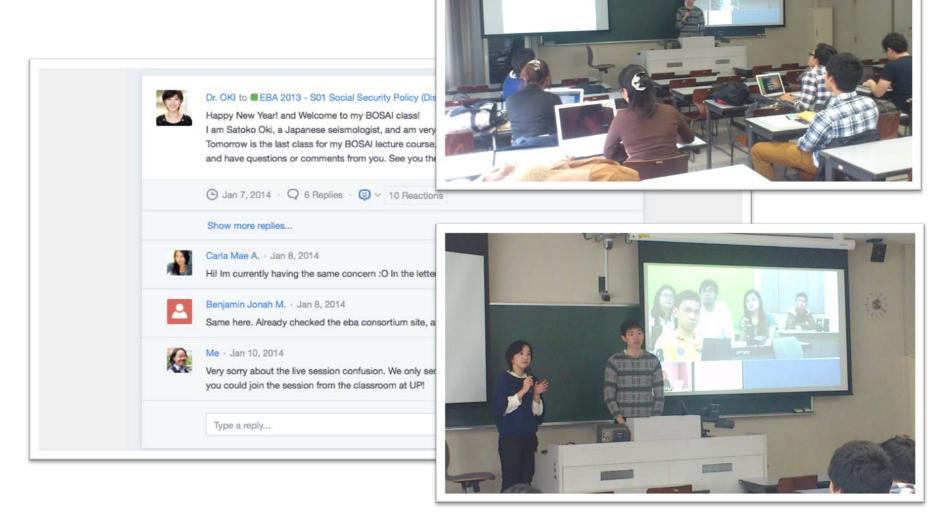
## Courses in FALL 2013

COURSE	TITLE	CATEGORY	LECTURER / UNIVERSITY
CORE	Management of Emerging Business	Social Innovation	Prof. Jiro Kokuryo, Mr. Masaki Umejima / KEIO
CORE	Internet Measurement and Data Analysis	Advanced IT	Dr. Kenjiro Cho / KEIO
SPECIALIZED	Social Security Policy (Disaster)	Disaster and Security	Dr. Satoko Oki / KEIO
SPECIALIZED	History of City and Living Environment	Energy and Environment	Dr. Naoto Nakajima / KEIO
PRACTICAL	Science, Technology and Culture	Culture	Prof. Kyoko Inoue / KEIO
PRACTICAL	Introduction to Japanese Language	Culture	TBD

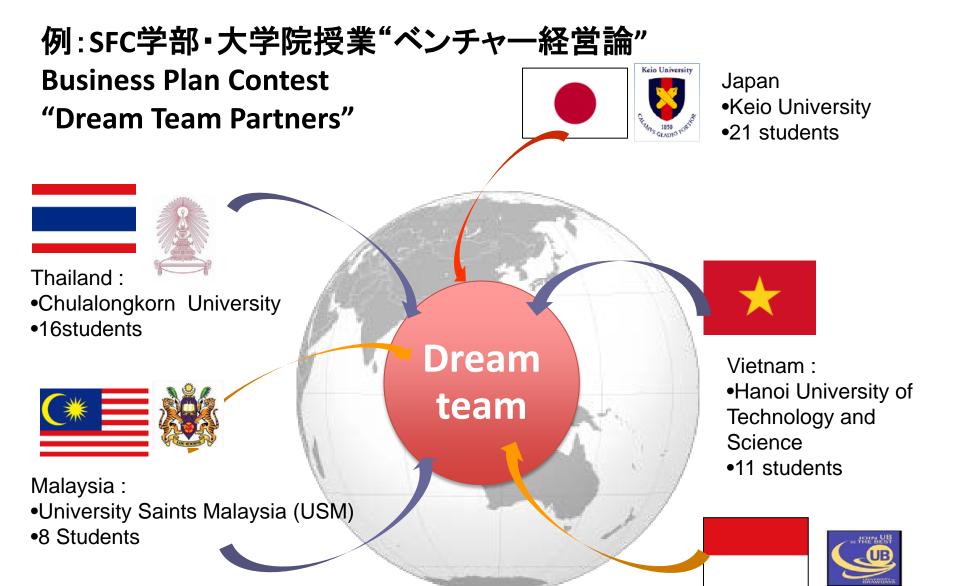
## Courses/Workshops Learning/Teaching Style

	Learning Style	Teaching Style
A. Student Visit	Visit to a partner to take courses/Workshops together with other course students	Teach in home university
B. Faculty Visit	Take courses/workshops in home university from the visiting faculty member	Visit to partners to teach courses
C. Remote- Classroom	Take courses/workshops in home classroom connected to each other	Co-teaching in home universities / Teaching to all classrooms
D. Web-Class	Take courses/workshops on the web individually	Teach through the web video conf to students from partners.
E. E-course	Take archived courses	Teach in the class, recorded
F. E-Workshop	Take on-line hands-on workshop	Create a special hands-on self- learning program by the consortium

# EBA Online Courses



Courses are offered online: self-paced + real-time discussion



5 Countries,
5 Top Asian Universities
60 students

#### Indonesia:

- University of Brawijaya (UB)
- •4 students

## Fieldwork/Internship styles

	Students	Host university
A	Students are coming from several partners to join a fieldwork program.	Create a fieldwork program by a university faculty to accommodate students from partners
В	Partner university form a group of student to visit to the fieldwork.	Host a fieldwork group from partners
С	Students apply to the program individually	Coordinate with industry/NPO/NGO in each country for students
D	:	:
	:	:

## Fieldwork at Minamata, Kyushu Japan 14 ASEAN students + 10 keio U. Students



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## AY2013 Activities - Operation

## Steering

- Formalization of the Consortium MoU and LOI: on going
- Students acceptance: Keio created student category for Undergraduate students to issue VISA.
- 2<sup>nd</sup> meeting in March 2014

#### Coordinators

Monthly coordinators meeting to exchange status and ideas

## Linkage with Industry

Internship Partners Consortium – formed in Nov 2013

## Plan in 2014 (tentative)

- Student enrollment in April 2014
- Program starts from June 2014
- Program includes;
  - Courses from all partners
  - Fieldwork in both Japan and partner countries
  - Internships both in Japan and ASEAN countries
- Certificates
  - Component Certificates for Course,, Fieldwork and Internship
  - Program Certificate for "Resilience, Innovation and Sustainability" by accumulating component certificates
- Students Mobility
  - Students from ASEAN come to Japan (June or July) as a part of the first program, and internships in Japan.
  - Students from Japan go to ASEAN area for fieldworks and internship, also work with students from ASEAN in the fieldwork in Japan.



# Thank you

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