

5th Intercultural Summer School

Resource Efficiency in Entrepreneurship & Leadership

Time: September 11 – 26, 2015

Location: Belgium & Germany

During the Summer University 2015 in Germany and Belgium the participants will discover different aspects of resource efficiency. Concrete topics are waste management, power supply and sand exploration in surface mining. The overall picture will be presented in a top-down approach starting at the European Commission at Brussel. Other visiting places are the port of Antwerp, a waste incinerator at Schwandorf/Germany, a reservoir power plant in the Alps, surface mining of sand near Weiden. The participating students will learn and act in seminars, practical experiences and during field trips. Round about 25 students from Universities of Pekanbaru, Jakarta, Yogyakarta and up to 15 students from OTH Amberg-Weiden will act in small intercultural teams. The participation and the submission of a written thesis will be accredited by 5 ECTS. Detailed information is available for the Indonesian students from the heads of the program in the different universities and for the German students from Prof. Dr. Manfred Beham, m.beham@oth-aw.de. Application for the German students until 5th of June 2015.



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by Margareth Gfrerer and Prof. Dr. Manfred Beham

The leading topics of this Summer School are on resource efficiency and solid waste management. During the Summer School 2015 in Europe, the participants will experience how the different levels of governments work on issues such as power supply (dissemination to the industry and households) and waste management. The overall picture will be presented in a top-down approach starting with a visit to the European Commission (EC), where the Summer School participants will be received for special presentations on environment and power issues. In the European Parliament the students will experience how laws and regulations will get from the European Union Level down to the level where the power production and the solid waste management takes place. – These visits will show Indonesian participants, how ASEAN could work, once it is fully operative.

A visit to the Port of Antwerp as an example for an industrial user of power and producer of waste will show how very large entities ensure their power supply and handle the waste accumulated from hundreds of units inside this entity.

At the OTH-Weiden the Summer School will refer to local government issues of solid waste management, power supply and sand mining. Lectures, workshops, group works and discussions will alternate. Side visits to the waste collection center, waste incineration are scheduled. As an example of efficient storage of electrical energy a water reservoir power plant is visited. One natural resource of the northern Bavarian region is sand. The extraction of kaolin near Weiden is an example of long-term study including the time when the resources have been exhausted.

Students will work in small intercultural teams. A maximum of 25 Indonesian students and 15 German Students could be accepted for this Summer School.

The social program includes sight-seeing in Brussels as well as hiking in the Bavarian Alps and visiting Munich. A visit to Paris could be seen as an alternative program point and will be charged separately. The German and Indonesian evenings will introduce students from both sides to the very specifics of each culture.

Contact for Registration and Payment

Prof. Dr. Manfred Beham

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Tentative Agenda (Draft)

Date	Time	Activity
11.09.15		Arrival Frankfurt; Transfer to Brussels; Guesthouse Check-In
12.09.15		<i>Cultural Day in Brussels together with the German Students</i>
13.09.15		<i>Sight Seeing Outside of Brussels – alternatively Trip to Paris</i>
14.09.15	08:30 – 12:00	<i>Visit at the European Commission</i>
	13:00 – 16:00	<i>Visit at the European Parliament</i>
15.09.15	08:30 – 16:00	<i>Visit: Port of Antwerp: Topics: Power Generation and Waste Management</i>
16.09.15		<i>Travel to Weiden</i>
17.09.15	08:30 – 09:30	Lecture on Waste Management from Economic Point of View
	09:30 – 12:00	Visit: City of Weiden Waste Management Department: 1. Presentation of the Waste Management Approach of the City of Weiden 2. Recycle Centre
	13:00 – 16:00	Group Work: Comparison of Waste Management in Germany and Indonesia
	19:00 -	German Evening
18.09.15	09:30 – 12:00	Visit: Incineration Plant Schwandorf
	13:00 – 16:00	Group Work: Garbage, a valuable resource? Whole day stay at Schwandorf
19.09.15	7:00	<i>Travel to Walchensee</i>
	13:00 – 17:00	<i>Visit: Reservoir Power Station</i>
20.09.15		<i>Hicking in the Alps</i>
21.09.15	09:00 – 16:00	<i>Visit: Munich (Sight Seeing or Deutsches Museum)</i>
	17:00 – 20:00	<i>Travel to Weiden</i>
22.09.15	08:30 – 09:30	Lecture: Power Supply in Germany (Prof. Jaeger/Prof. Beham)
	09:30 – 12:00	Group Work
	13:00 – 13:30	Lecture: Renewable Energy
	13:30 – 16:00	Workshop on Renewable Energy
23.09.15	08:30 – 11:00	Visit: Kaolin mining in Hirschau, Sand a valuable resource,
	12:00 – 15:30	Visit: Recreation area around the surface mining
	16:00 – 17:00	Group Work: Sustainability in Mining, Future use of mining area
24.09.15	09:00 – 12:00	Discussion with City of Weiden Power Manager: The Weiden Energy Concept
	13:00 – 16:00	Group Work
25.09.15	08:30 – 12:00	Preparation for the Final Presentation
	13:00 – 15:00	Presentations
	19:00 – 21:00	Indonesian Evening
26.09.15		<i>Departure</i>