2016 T.I.M.E. EUROPEAN SUMMER SCHOOL (TESS)

June 20 to July 1, 2016

MOBILITY FUNDING AVALIABLE!

SUSTAINABILITY & THE GLOBAL ECONOMY

UNIQUE OPPORTUNITY TO MEET, INTERACT AND WORK NOT ONLY WITH PROFESSIONALS FROM THE FIELD OF SUSTAINABILITY BUT ALSO WITH STUDENTS FROM ALL OVER THE WORLD

★ T.I.M.E is proud to launch the 10th edition of its Summer School program ★

This two-week program addresses sustainability and its interaction with economic issues by developing a comprehensive knowledge of technical and non-technical issues, e.g.: alternative measurement tools to the Gross Domestic Product, climate change, transportation systems and corporate social responsibility.

You will have a unique opportunity to meet, interact and work not only with professionals from the field of sustainability but also with students from all over the world.

It is possible to choose between six different locations at some of the leading universities in Europe: *BME* (Budapest), *ITU* (Istanbul), *KTH* (Stockholm), *CentraleSupelec* (Paris), *UNITN* (Trento) and *UPM* (Madrid). Seminars, discussions and presentations are held between the campuses via Internet in real time. There will also be local students participating in the program at the Open University of Sri Lanka.

The course is open to all students within engineering or economics and associated fields. Upon successful completion of the course, students will be granted 5 ECTS credits.

Sign now, select your campus and benefit from this exclusive European experience!

The application period is opened from April 26 to May 31, 2016
Apply at http://web2.fbe.itu.edu.tr/tess

Education and Culture DG
Lifelong Learning Programme

T.I.M.E. Association

TOP INDUSTRIAL MANAGERS EUROPE

A COMPREHENSIVE APPROACH ENCOMPASSING THE ECOLOGICAL, ECONOMIC & SOCIAL DIMENSIONS OF SUSTAINABILITY

Some history...

Although the concept of sustainability has been around for a long time, it became more widely used in the 1980s. Back in 1983, the Secretary-General of the United Nations established a commission called the World Commission on the Environment and Development. This commission -frequently referred to as the Brundtland Commission - was asked to look at the world's environmental problems and propose a global agenda for addressing them. They put together a team that went around the world and talked to people in all walks of life: fishermen, farmers, homemakers, loggers, school teachers, indigenous people and industry leaders. They asked what peoples' environmental concerns were and how they should be addressed.

The result of the study was that there was not one environmental issue that was first and foremost in peoples' minds. People talked about living conditions, resources, population pressures, international trade, education, and health. Environmental issues were related to all of these, but there was no hard and fast division separating environmental issues, social and economic issues. All the problems were intertwined. There were links between the environment, the economy and society that caused problems in one of these areas to affect the other areas.

As a result, the Brundtland Commission came up with a definition of sustainable development which emphasizes meeting needs, not just now, but in the future as well:

"...*development that meets the needs of the present without compromising the ability of future generations to meet their own needs*".

In spite of the current concern that a strong interaction between sustainability and economics is needed, the theoretical and methodological contribution of economics to sustainable development nowadays is still inadequate. This is indicated, for example, by the fact that the concept of sustainable development is still rejected by many mainstream neoclassical economists. In response, the merger-movement of "Ecological Economics" consisting of many disparate scientific approaches has formed. This creates a scientific divide which is undesirable from a research policy point of view.

Sustainability Economics can be described as economics for sustainable development (SD) or economics for sustainability. It represents a broad interpretation of ecological economics where environmental and ecological variables and issues are basic but part of a multidimensional perspective. Social, cultural, health related and monetary/financial aspects have to be integrated into the analysis. Sustainability Economics covers fields such as the development of economic methods and concepts that deal with problems of sustainability.

SCHEDULE

(May be subject to changes depending on the availability of teaching staff)

WEEK 1	
June 20 2016	Replacing GDP as a Measure of Progress *BME*
June 21 2016	European Issues on Sustainability & economics *CENTRALESUPELEC*
June 22 2016	Sustainable Transport Systems in a Global Context *BME*
June 23 2016	Corporate Social Responsibility *OUSL*
June 24 2016	Study Visit. Local Arrangement at Each Site.

WEEK 2	
June 27 2016	Climate Change and The Conditions for Industrial Transformation *KTH*
June 28 2016	Local Sustainable Development *UNITN*
June 29 2016	Clean Tech – Using Technology to Change The World *UPM*
June 30 2016	Water Resources and Management *ITU*
July 1 2016	Oral project presentations. Summary and Break-up.

ORGANIZATION OF THE COURSE

The students are in constant communication with the tutors, independent upon where they are, and with their fellow students at the other campuses.

After the morning seminars, students work on their specific projects.

In the afternoons, students' groups present the status of their specific projects. Thus, they report through oral presentations and discussions between the sites by video link.

One study tour is organized at each site. It is also followed by local group discussions and presentations on video link in the afternoons.

In their free time students can enjoy the rich and varied cultural activities offered by some the greatest European cities.

RULES & REGULATIONS

Criteria for Admission

- ✓ At least 150 ECTS credits in engineering, natural science, architecture, economics or business administration.
- ✓ Statement/proof of English proficiency, *e.g.* TOEFL, IELTS, Cambridge/Oxford certificates or grade in English from Upper Secondary (High) School and/or from University.

Course Regulations

- Participation in and approval of all course items (lectures, group discussions, assignments and study tours).
- Written individual mid-term reflections of the course.
- Examination: 5 ECTS credits

Student's Commitment

- ✓ Admitted students have to sign a Student's Commitment document, to be allowed to participate in the programme.
- ✓ Students are expected to be on time, attend class, do what is required from them and complete assignments.

Teaching Materials

Lecture material and documents being not included elsewhere will be found in *Bilda*, an electronic platform administrated at KTH.

Grades and T.I.M.E. Certificate

ECTS grades (A – F) will be received in September 2016, mainly based on the written and oral presentation of the project work. Upon satisfactory completion of the course, students will receive a certificate from T.I.M.E.

APPLICATIONS

Opening date for application April 26, 2016 - Deadline dates of application are found at the course web page.

- Applications are submitted at http://web2.fbe.itu.edu.tr/tess
- After the application period, admitted students will be contacted for selection of desired location (campus) for the programme.

SCHOLARSHIPS

Scholarships will be available for refunding travelling and subsistence costs. Students eligible for these grants have to be enrolled at any of the six organizing universities (*BME ITU, KTH, CentraleSupelec, UniTn and UPM*) and study the program at any of these universities, other than their home universities. Students admitted to the program will be informed about their eligibility to a scholarship by the programme manager, when they are offered a campus location. It corresponds to 300 Euro (as a lump sum) per student.

TUITION FEES

Students from non-T.I.M.E. universities are required to pay a tuition fee, being 1200 Euro. Accommodation at the TESS location is then included. However, Sri Lankan students participating at OUSL are excluded from this tuition fee requirement.

PEOPLE INVOLVED

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OUSL, Nugegoda
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