

# SUMMER COURSE: GREEN INDUSTRY



## Moving Towards the Industry of the Future

25 June - 6 July 2012 | Budapest, Hungary



UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION

# GREEN INDUSTRY

Trends in resource use and energy consumption indicate that current forms of industrial production are not sustainable in the long term. Many industrial production systems continue to be inefficient and wasteful and thereby threaten to overwhelm the assimilative capacity of our planet. In order to reverse these developments, industries need to radically improve their energy efficiency, reduce their resource consumption and curb the release of harmful by-products.

This calls for the development of new approaches towards industrial development. Building a sustainable economy requires greener industries and enterprises. Substantial steps in innovation, investment, implementation and mainstreaming are necessary to improve current systems of industrial production and consumption for them to be able to actively contribute to environmental and socio-economic progress.

The greening of industries and enterprises provides stability and resilience to economic development and improves job and income security, energy reliability and human wellbeing. The Summer Course “Green Industry: Moving towards the Industry of the Future” organized together with the Central European University in Budapest reflects UNIDO’s genuine commitment to seeking innovative solutions and building new capacities in industrial development.



# CONCEPT



The Summer Course provides participants with the opportunity to improve industry's environmental performance and to turn the concept of "green industry" into practice. Participants will:

- reflect on the technical requirements of green industrial development as well as on the strategies, policies, laws and regulations necessary for its successful implementation
- find ways to successfully commercialize green industry related products and services
- outline institutional platforms for the promotion and dissemination of resource-efficient, cleaner production methods and economically viable, socially equitable and environmentally sustainable technologies
- create and implement strategies for a green industry in line with environmental goals and targets

The Course is targeted at young professionals in the fields of resource efficiency and cleaner production (RECP), members of non-governmental organizations involved in environmental advocacy, and PhD students with a background in technical or policy related studies in green industry. It addresses individuals in industry or in institutions assisting Small and Medium Scale Enterprises (SMEs) with the implementation of RECP methods, environmental management systems (EMS), low carbon measures and eco-designs. Participants are expected to have a high degree of academic or practical knowledge of environmental management systems, green industry, resource efficiency as well as of the global and national policy frameworks for green industrial development.




# COURSE DESIGN



The course is based on a genuinely interdisciplinary approach. It sets out with a preliminary distance learning component which ensures that all participants share a common knowledge base concerning issues of green industry and resource efficiency. Active engagement in online discussions and the relevance and quality of a sample case study prepared by participants in relation to their field of expertise or organization are part of the selection process for the face-to-face component of the course.

The two-week residential part of the course offers a dynamic mix of lecture-based and participatory teaching methods. A database of key literature and case studies, a discussion forum and a shared virtual workspace complement the programme. Participants will be encouraged to apply environmental and environment-related management methods and tools in support of green industry. Seminars and group discussions will foster intense debates on case studies while peer reviews and unique exercises increase participants' skills and effectiveness in designing and implementing policies, strategies and projects related to sustainable industrial development.

For the final assignment, participants will be required to develop a green industry strategy or transition plan for a particular region, organization, company or sector.



# Course Details

<b>Place:</b>	Central European University, Nador u. 9, 1051 Budapest, Hungary Phone: +36-1 327-3811 Fax: (36-1) 327-3124 E-mail: summeru@ceu.hu Skype: ceu-sun <a href="http://www.ceu.hu">http://www.ceu.hu</a>
<b>Date:</b>	25 June – 6 July 2012
<b>Participants:</b>	The number of participants is limited to 25 persons.
<b>Application:</b>	Information on application requirements and deadlines is available at <a href="http://www.summer.ceu.hu/green-2012">www.summer.ceu.hu/green-2012</a>
<b>Course fee:</b>	The standard tuition fee is EUR 550.*
<b>Accommodation:</b>	Participants will be accommodated in single rooms including bathroom at the CEU Residence Center, a modern, air-conditioned hostel, for EUR 28 per night.*
<b>Living expenses:</b>	Information on living expenses is available at <a href="http://www.summer.ceu.hu">www.summer.ceu.hu</a> *
<b>Documentation:</b>	Participants will receive relevant learning materials on green industry during the course.
<b>Certificate:</b>	At the end of the course successful participants will be awarded a certificate of attendance. To obtain such a certificate, participants are expected to attend and actively participate in all classes and complete the required assignments.
<b>Preparation for participation in the course:</b>	Participants have to take part in the distance learning component and prepare a case study on issues related to green industry and their own working situation. The case study will be used to illustrate specific issues during the course.
<b>Course faculty:</b>	Jacek Cukrowski, UNIDO Heinz Leuenberger, UNIDO Edward Clarence-Smith, UNIDO Laszlo Pinter, CEU Peter Hardi, CEU Zoltan Illes, CEU

\* All applicants are eligible to apply for financial aid. The course is supported by United Nations Industrial Development Organization (UNIDO).



The course is organized by the UNIDO Institute for Capacity Development in cooperation with the Central European University (CEU). It will be offered as part of the CEU Summer University.

To apply, please visit the website of CEU Summer University and follow the instructions for the application procedure:

[www.summer.ceu.hu/green-2012](http://www.summer.ceu.hu/green-2012)

For further information on this programme, please contact us or visit our website:

UNIDO Institute for Capacity Development  
Vienna International Centre, P.O. Box 300  
1400 Vienna, Austria  
Telephone: (+43-1) 26026-3391  
Fax: (+43-1) 26926-6859  
E-mail: [unido-institute@unido.org](mailto:unido-institute@unido.org)

[institute.unido.org](http://institute.unido.org)

**UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION**  
Vienna International Centre, P.O. Box 300, 1400 Vienna, Austria  
Telephone: (+43-1) 26026-0, Fax: (+43-1) 26926-69