

PUSH YOUR PROJECT

eseia International Summer School 2014

„Smart Metropolitan Regions of Tomorrow“

14 - 27 July 2014

Transilvania University
of Braşov, Romania



- Push your project on major topics related to zero emission cities of tomorrow by developing your idea with international eseia experts.
- Top scientists and practitioners will focus on your case from various angles and help you develop it to a well-structured concept that you can further use for building up funding proposal.
- Enhance your own project by using cutting edge tools under the supervision of experienced experts.
- Meet people with similar interests and start networking effectively.
- Reach beyond your limits this year at the eseia International Summer School from 14 - 27 July 2014 at the Transilvania University of Braşov in Romania.

For more information: www.etp.eseia.eu

Build the Future

eseia experts will support your concept from the following five angles:

- ▶ **Policy angle:** EU sustainable energy policy for local and regional actors;
- ▶ **Socio-economic angle:** New business and financial models for renewable-based energy mixes; the role of social diversity in cities of the future;
- ▶ **Design angle:** How to transcend the concept of sustainability in sustainable energy systems design and in architecture;
- ▶ **Technological angle:** Environmentally friendly electricity and heating production and supply, climate control, and waste and wastewater treatment of the metropolitan regions of tomorrow;
- ▶ **Project funding angle:** How to develop and write a winning project proposal.



Program

The eseia International Summer School will focus on strong interactive lectures followed by discussions and debates in the morning, and hands-on activities in the afternoon. A specific module, under the coordination of EU experts, will focus on how you can turn your idea into a winning project.

Academic Recognition

3 ECTS will be attributed to the summer school participants with a total of 75 hours including 40 contact hours and 35 hours of preparation and follow-up.

Field trip and Activities

Braşov is located in the central area of Romania, in Southern Transilvania, surrounded by a part of the Oriental Carpathians. The weekends during the summer school can be well used for hiking. You also have the opportunity to visit the Bran Castle (known as Dracula Castle), the medieval city of Brasov and its surroundings. A special trip could be organized to the top of the Fagarasi mountains (2400m), on the Trasfagarasan breathtaking road.



Our Experts

International experts will guide you and offer advice on your concepts. The Summer school Coordinator, Prof. Ion Visa, will welcome you within the Transilvania University of Brasov facilities and provide you with insightful advises, along with Prof. Anca Duta, the Scientific Coordinator and with Prof. Mircea Neagoe, head of the Local Organizing Committee.



Please find below a list of lecturers (tbc):

- ▶ Harald Kainz, TU Graz, AT
- ▶ Yoram Krozer, U. Twente, NL
- ▶ Lothar Fickert, TU Graz, AT
- ▶ Ina Körner, TUHH Hamburg, DE
- ▶ Gintaras Stauskis, VGTU Vilnius, LT
- ▶ Teresa Ponce de Leão, LNEG Lisbon, PT
- ▶ Brigitte Hasewend, ESEIA and TU Graz, AT
- ▶ Mariana Gavrilescu, Environment Engineering and Management Journal, Iasi, RO
- ▶ Mihai Pascu, Sustainable Development Agency, Brasov County Council, RO
- ▶ Olimpiu Achim, Viessmann, RO

Professional Visit

The group organizing the summer school represented the core team that coordinated and implemented, during 2009–2013, the 25M EUR structural funds project for developing the R&D Institute of the University. Participants will have the opportunity to visit the R&D Institute hosting the 27 research centers that operate with their own staff and infrastructure and develop research of excellence targeting novel innovative high-tech products for sustainable energy solutions. Located in the new Green Energy Independent University Campus – GENIUS, the Institute has a dedicated area for training highly qualified human resources by international M.Sc. and Ph.D. programs, and has a focus on cooperation with companies and international networking.

One module is scheduled in the Viessmann Company and offers you direct contact with a company promoting sustainability.

The first weekend will include a visit to one of the largest PV parks in Europe.



High Potentials

This summer school aims at committed participants interested in projects on sustainable smart metropolitan regions of tomorrow. Send your project idea for review as soon as possible to Prof. Mircea Neagoie by forwarding it to: Mircea Neagoie: mneagoie@unitbv.ro, please send CC to the eseia Secretariat: office@eseia.eu

The fee for the summer school will be 600€ covering the lectures, board and lodging. Costs and organization of arrival and departure is in the responsibility of the participants.

eseia



eseia – the European Sustainable Energy Innovation Alliance is an association of leading research, education and business organizations. eseia operates in the field of sustainable energy systems, in research, education and innovation.

The eseia Education and Training Programme seeks to provide hands-on flexible and up-to-date skills training joining latest research results with practical knowledge. eseia experts are part of and actively drive the European Commission SET Plan E&T Initiative.

www.etp.eseia.eu

About Transilvania University of Brasov



Transilvania University of Brasov is one of the largest higher education institution in Romania, with 20,000 students and 800 academic staff, located in the heart of the city at the foot of Mountain Tampa in the Southern Carpathian Mountains.

Sustainability research and training are a strategic priority of the university offering Ph.D. and M.Sc. programmes in cooperation with local and regional bodies. Including the test ground of a newly opened renewable energy campus, Transilvania University of Brasov will therefore be able to provide a high quality international summer school programme that will surely increase your competitiveness in sustainable metropolitan regions and push your project idea forward.

www.unitbv.ro