



WORKSHOP INVITATION

european sustainable energy innovation alliance (eseia)
presents: “European model regions in sustainable energy”

24 March 2010, 10.30 – 12.30
Brussels, Belgium

www.eseia.eu

About eseia

eseia is a European association of leading innovation organisations in the field of sustainable energy systems dedicated to advancing innovation to implement sustainable energy systems in Europe as well as on a global scale.

eseia was founded in July 2009 by three proponents from Graz University of Technology (TU Graz), Franz Stelzer, Vice-Rector Research and Technology, Michael Narodslawsky, Professor Process and Particle Engineering and Brigitte Hasewend, Director International and Strategic Partnerships. eseia is a strategic partner in the eCANDO EIT-ENERGY KIC Proposal submitted to the EIT end of August 2009. The legal status of eseia is a non-profit association under Austrian law. The eseia-Secretariat is located in Graz where the President of eseia, Hans Sünkel, Rector of TU Graz is based.

eseia is a European cross-sector membership organisation of scientific, business and political partner organisations from European countries and outside. 70 organisations from 23 European countries have expressed their interest to become members of eseia.

Among themselves the eseia members cover all relevant fields in sustainable energy from energy provision to energy consumption in research, teaching and innovation.

eseia is active in several fields such as the management of sustainable energy innovation programmes, the organisation of expert

panels, the design of entrepreneurial education programmes, the dialogue with the public, lobbying for sustainable energy solutions on various levels and foster international cooperation.

eseia – eCANDO Regions

Currently, the major undertaking of eseia is eseia - eCANDO Regions supported by TU Graz, FBK, TUHH and the University of Twente, and BRP Powertrain. eseia takes up the mission to be an active and reliable partner for European regions in their quest to implement sustainable energy systems. eseia-eCANDO Regions will provide the service of linking the knowledge generation community and business partners with regions in order to facilitate implementation of ground breaking systemic innovation by efficiently linking partners from universities, innovation institutions and business with regions.

Our Mission

By 2012 eseia intends to be active in 10 regions of Europe that will be acting as innovation labs in partnership with regional players, businesses, institutions and society.

By 2015 eseia will have developed an innovative method to integrate the necessary knowledge development, education and information measures.

By 2019 the running labs will be converted into implementation at a wider scale in the active regions, running as models for the whole of Europe and globally.

Date

24 March 2010, 10.30 – 13.00

Venue

Committee of the Regions, Rue Bélliard 99 – 101, Room JDE 53, 1040 Brussels, Belgium,

Aims and objectives of the workshop

The concept of eseia – eCANDO Regions is to integrate the most important European organisations and actors of the three corner stones of the knowledge triangle, innovation, research and education. eseia aims at increasing the innovation capacity of the regions of Europe.

eseia brings together the “best brains” from research organisations, companies and public institutions of Europe.

This workshop will give you the opportunity to get to know eseia and explore innovative ways of cooperation within the eseia regional network. The interactive part of this meeting during the coffee break will provide you with the chance to contribute your ideas. Finally you will meet and get to know the stakeholders involved in this future international joint venture.

Registration in 2 steps

To obtain your badge, please register as an attendee at <http://www.eusew.eu>. Secondly, register your participation in the eseia event by e-mail to office@eseia.eu by 19 February 2010, 12.00 at latest. Please note that the number of places is limited!

Draft Programme

10.30 - 11.15: Opening session

European powerhouse: A trans-European innovation model developed by eseia in the context of regional sustainable energy policies

Moderator: Monica Schofield, TuTech Hamburg, Germany

Panellists: Hans Sünkel, Rector of TU Graz and eseia President and Bruno Schmitz, Head of Unit New and Renewable Energy Sources DG RTD, European Commission, Policy-makers from the regions of Styria, Trento, Twente and Hamburg: Wolfgang Jilek, Energy Coordinator, Styria

11.15 - 11.45: Coffee break

Speed-dating with eseia members on the concept of eseia to develop model regions

11.45 - 12.15: From idea to Market

Moderator: Paolo Traverso, Fondazione Bruno Kessler, Italy

Panellists: Maarten J. Arentsen, University of Twente; The Netherlands

Ina Körner, TU Hamburg-Harburg; Germany

Michael Narodslawsky, TU Graz; Austria

12.15 - 12.30: Summary

Final remarks by Brigitte Hasewend, Secretary General of eseia

eseia – eCANDO Regions (list of potential eseia members)

TU Graz, Austria> BUSINESS PARTNERS (38)>
ACC Austria GmbH Andritz Hydro GmbH Asset
One Immobilienentwicklungs AG AT & S Austria
Technologie & Systemtechnik AG Austrian
Energy & Environment AG & CO KG (AEE) AVL
List GmbH BRP-Powertrain GmbH & Co KG
Builddesk Österreich GmbH Continua
Finanzdienstleistungs GmbH CPC GmbH
Denkstatt GmbH DI Karl Heinz Hinrichs
Ingenieurbüro ELIN EBG Motoren GmbH Energie
Steiermark AG Energy Services Handels und
Dienstleistungs GmbH ennovatis GmbH FIBAG
Gaulhofer Industrie-Holding GmbH Ing. Gerhard
Agrinz GmbH IPUS GmbH Josef Binder
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GmbH Komptech Research Center GmbH KWB –
Kraft Wärme aus Biomasse GmbH Ledon Lighting
GmbH Magna Steyr Mondi Frantschach GmbH
S.O.L.I.D. Solarinstallationen und Design GmbH
Sinus Pro GmbH Spitzer GmbH STENUM GmbH
Step TEC Thermic Energysystems & Consulting
GmbH Verbund AG voestalpine Stahl Donawitz
GmbH & Co KG Voestalpine Stahl GmbH Windtec
GmbH **SCIENCE PARTNERS (23)>** AEE INTEC
Austrian Institute of Technology Austrian Energy
Agency Baubiologisches Institut BIOS
Bioenergysysteme GmbH CERE FGM
Forschungsgesellschaft Mobilität GmbH FH
JOANNEUM GmbH FH OÖ Forschungs &
Entwicklungs GmbH IFF/Social Ecology IFZ -
Interuniversitäres Forschungszentrum IKUS
Technologie GmbH Joanneum Research
Forschungs-GmbH Johannes Kepler Universität
Linz Karl-Franzens-Universität Graz
Montanuniversität Leoben Österreichischer
Austauschdienst Universität für Bodenkultur
Wien Universität Innsbruck Universität Klagenfurt
Universität Salzburg Wegener Zentrum Technische
Universität Wien **COMPETENCE CENTRES (8)>**
Austrian Bioenergy Centre GmbH
BIOENERGY2020+ GmbH
holz.bau.forschungs.gmbh **Kompetenzzentrum**
das

virtuelle Fahrzeug GmbH Kompetenznetzwerk
Wasserressourcen GmbH **Kompetenzzentrum**
Wood K plus GmbH Multifunctional Plug&Play
Facades **Materials Center Leoben Forschungs**
GmbH POLITICAL, INTEREST GROUP (9)> BM
für Verkehr, Innovation und Technologie **BM für**
Wirtschaft, Familie und Jugend BM für
Wissenschaft und Forschung **Das Land Steiermark**
ICS - Internationalisierungszentrum Steiermark
Industriellenvereinigung Institut für Höhere
Studien **Landesenergieverein** Stadt Graz
CLUSTER PARTNERS (2) Eco World Styria
ÖKOCLUSTER TUHH, Germany> BUSINESS
PARTNERS (6)> Hamburg Innovation GmbH
Hamburger Stadtentwässerung Hamburger
Wasserwerke GmbH Stadtreinigung Hamburg **TU**
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Rosenthal GmbH (ZPR) SCIENCE PARTNERS
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(DBFZ) **Hamburg University of Applied Sciences**
Helmut-Schmidt-University **Kassel University**
University of Hamburg **Fondazione Bruno Kessler,**
Italy> BUSINESS PARTNERS (12)> AERMEC
Diatec Holding SpA DiTNE National Technological
District on Energy **Dolomiti Energia S.p.A.**
El.Ma.Electronic Machining srl **Engineering**
Ingegneria Informatica Fondazione Edmund Mach
Habitech – District Technological Trentino
S.C.ar.l. ITEA Institute Trentino Edifizia Abitativa
S.p.A. Opto-i Microelectronics – Optoelettronica
Italia srl. Prysmian Thetis S.p.A. SCIENCE
PARTNERS (7)> CIRP (Regional InterUniversity
Consortium of Puglia) **European Academy**
Bolzano (EURAC) Politecnico di Milano **University**
of Bologna University of Bozen **University of**
ROMA TRE University of Trento **University of**
Twente, The Netherlands SCIENCE PARTNERS
(1)> SINTEF **Acciona, Spain> BUSINESS**
PARTNERS (3)> Mostostal Krakow S.A. **Solintel**
Tecnalia Technological Corporation **SCIENCE**
PARTNERS (5)> CIEMAT Centro de
Investigaciones Energeticas Medioambientales
Technical University of Madrid CSTB – Centre
Scientifique et Technique du Bâtiment **University**
of Zaragoza Tokyo University of Technology

eseia Members (list of potential members)

AUSTRIA, Strategic Partner> Austrian eCANDO Partnership
BELGIUM> Ghent University Association
BULGARIA> University of Rousse
CZECH REPUBLIC> Brno University of Technology
VŠB-Technical University of Ostrava
GERMANY, Strategic Partner> German eCANDO Partnership
Deutscher Akademischer Austausch Dienst
GREECE> National and Kapodistrian University of Athens
National Technical University of Athens
HUNGARY> Agricultural Research Institute of the Hungarian Academy of Sciences
Research Institute for Soil Science and Agricultural Chemistry of the Hungarian Academy of Sciences
Institute of Materials and Environmental Chemistry, Chemical Research Center, Hungarian Academy of Sciences
Research Institute for Technical Physics and Materials Science of the Hungarian Academy of Sciences
University of Pannonia
IRELAND> Dublin Institute of Technology
National University of Ireland Dublin (NUID)
University College Dublin
University of Limerick
ITALY, Strategic Partner> Italian eCANDO Partnership
Sapienza University of Rome
LITHUANIA> Kaunas University of Technology
Lithuanian Energy Institute
Vilnius Gediminas Technical University
MALTA> Projects in Motion Ltd.
NORWAY> SINTEF
Institute of Transportation Economics of Oslo
POLAND> Energa-Operator S.A.
Gdansk University of Technology
Poznań University of Economics Sygnity S.A.
PORTUGAL> National Institute for Engineering, Technology and Innovation (INETI)
The Polytechnic Institute of Leiria
ROMANIA> Transilvania University of Brasov
SLOVAKIA> Agricultural Technical and Testing Institute (ATTI)
Catholic University of Ružomberok
Institute of Electrical Engineering, Slovak Academy of Sciences
Institute of Inorganic Chemistry, Slovak Academy of Sciences
Institute of Materials and Machine Mechanics, Slovak Academy of Sciences
Institute of Physics, Slovak Academy of Sciences
Institute of Technology, Slovak Academy of Sciences
Slovak University of Agriculture in Nitra
Slovak University of Technology in Bratislava

Technical University in Zvolen
Technical University of Košice
University of Economics in Bratislava
University of Prešov
University of Žilina
University of SS. Cyril and Methodius in Trnava
Vysoká škola manažmentu
SLOVENIA> Jožef Stefan Institute
Republic of Slovenia, Ministry of Higher Education, Science and Technology
University of Maribor
University of Primorska
University of Ljubljana
University of Nova Gorica
SPAIN, Strategic Partner> Acciona S.A.
Cartif Technology Center
CIRCE Foundation – Centre of Research for Energy Resources and Consumption
Leitat Technological Center
University of Valladolid
SWITZERLAND> École Polytechnique Fédérale de Lausanne
THE NETHERLANDS, Strategic Partner> Dutch eCANDO Partnership
TURKEY> Ege University
Mugla University
TUBITAK Marmara Research Center
International Centre for Hydrogen Energy Technologies (UNIDO-ICHET)
Union of Municipalities of the Marmara Region (UMMR)
UKRAINE> National Technical University of Ukraine
UNITED KINGDOM> Energy Technology Partnership
Scotland



BRP-Powertrain

Bombardier Recreational Products Inc. ("BRP"), a privately-held company, is a world leader in the design, development, manufacturing, distribution and marketing of motorized recreational vehicles. Its portfolio of brands and products includes: Ski Doo® and Lynx® snowmobiles, Sea Doo® watercraft and sport boats, Evinrude® and Johnson® outboard engines, direct injection technologies such as Evinrude E TEC®, Can Am™ all-terrain vehicles and roadsters, as well as Rotax® engines and karts.

Eseia-eCANDO Regional Partners



Graz University of Technology

With 2,000 staff and 11,000 students, TU Graz is known for its close business ties and a considerable number of successful spin-offs. TU Graz is the leader of the Austrian Sustainable Energy Innovation Alliance which relies on the membership of all relevant research institutions and universities in Austria. Currently the Austrian Sustainable Energy Innovation Alliance comprises more than 35 business partners ranging from specialised SMEs to Austrian branches of multinational companies with a dedicated innovation interest, interest groups, business associations, Austrian local, regional and national governments. Renewable energy technologies and energy efficiency improvement constitute a longstanding focal point of research, teaching and innovation activities in Austria. Excellence has been achieved in areas of the built environment and energy infrastructure, sustainable mobility as well as ecological, economical and societal research linked to innovative energy systems.



Fondazione Bruno Kessler

Fondazione Bruno Kessler is situated in Trentino, a province in Northern Italy governed under a special autonomy statute. The foundation, with more than 350 researchers, conducts studies in the areas of Information Technology, Materials and Microsystems, Italo-Germanic studies, and Religious sciences. Thanks to a close network of alliances and collaborations, FBK also conducts research in theoretical nuclear physics, networking and telecommunications and social sciences. The objectives of the

foundation are to conduct research that obtains recognition at an international level, carry out applied research of strategic importance to the province, publicize scientific results and promote economic development and to encourage innovation throughout the province.



Hamburg University of Technology

The Hamburg University of Technology (TUHH), founded in 1978, is Germany's youngest university of technology. The TUHH is a competition-oriented, entrepreneurial higher education institution with high standards of performance and quality. It offers first-class teaching and excellent research at a high international level and provides intensive science and technology transfer in the field of engineering sciences.



University of Twente

The University of Twente in Enschede is an entrepreneurial research university. It was founded in 1961 and offers education and research in areas ranging from public policy studies and applied physics to biomedical technology. The University of Twente offers research and degree programmes in technology and in the social and behavioural sciences. In keeping with its enterprising spirit, the University is committed to making an economic and social contribution to the region of the Netherlands where it is based. The UT collaborates with TU Delft and TU/e Eindhoven under the umbrella of the 3TU.Federation, and is also a partner in the European Network of Innovative Universities (ECIU).

