
STYRIAN ACADEMY for Sustainable Energies

International Business Seminar II: Regional Energy System Adaptation 7-8 July 2010, Graz, Austria

The STYRIAN ACADEMY convenes top international experts in Graz for a high level seminar about strategic development in the field of sustainable energy systems. This two day seminar will offer lectures from internationally renowned experts regarding current trends in renewable resource based technologies, their regional adaptation as well as ways to implement innovative solutions into the real world of regional contexts and global markets. Particular emphasis will be laid on providing experience from practical implementation of sustainable energy systems. Therefore the seminar offers a unique mix of peer-to-peer information supported by state-of-the-art scientific and technological knowledge.

Target group and topics

This seminar addresses participants from business with an interest in the field of renewable resource based energy technologies.

The topics addressed in this seminar will be in particular:

- Global environmental, economic and social aspects of renewable energy systems
- Technological challenges for renewable energy systems
- Applying energy technologies in regional contexts
- Social and economical framework of implementing renewable energy systems
- Thinking big and small: linking local technologies to global challenges.

Lecturers

The seminar features top international lecturers addressing core issues of sustainable energy systems. Among them are in alphabetical order:

Maarten **Arentsen**, University of Twente, The Netherlands; Political Sciences

Luigi **Crema**, Fondazione Bruno Kessler, Italy; Information Sciences

Martin **Fischer**, Windtec, Austria; Wind Power Systems; Chief Executive Officer

G. Jan **Harmsen**, University of Groningen, The Netherlands; Technical Sciences and Sustainable Development

Tim **Krantz**, University of Redlands, United States of America; Environmental Sciences and Land Use

Yoram **Krozer**, Cartesius Institute, The Netherlands; Environment and Innovation Development

Ina **Körner**, TU Hamburg Harburg, Germany; Bioconversion and Emission Reduction

Michael **Narodoslawsky**, TU Graz, Austria; Chemical Engineering and Sustainable Development

Audun **Ruud**, SINTEF/Norway; Political Sciences

Heinz **Panholzer**, Andritz Hydro GmbH, Austria; R&D Coordinator

Registration

Registration will be available via the STYRIAN ACADEMY website <http://styrianacademy.eu> (coming soon). **Deadline for registrations: 28 May 2010.** A total of 30 slots will be available based on date of registration. The cost of participation is €700,-, including lectures, supporting material and meals. For questions, please contact office@styrianacademy.eu.

STYRIAN ACADEMY for Sustainable Energies

International Business Seminar II: Regional Energy System Adaptation

Time: Wednesday, 7 July 2010, 08:00 – 18:30
Venue: Hörsaal FSI 1, Frank-Stronach Institut, Inffeldgasse 11, 8010 Graz

Draft Programme

DAY 1

08:00 – 08:30 *Registration*

Morning session

08:30 – 09:00 Introduction to STYRIAN ACADEMY by Prof. Michael Narodoslawsky, TU Graz, Austria; Chemical Engineering and Sustainable Development

09:00 – 10:00 “Perspectives on the Competition between Renewable Energy Technologies and Conventional” by G. Jan Harmsen, University of Groningen, The Netherlands; Technical Sciences and Sustainable Development

09:45 – 10:30 Workshop led by G. Jan Harmsen

10:30 – 11:00 *Coffee break*

11:00 – 12:00 „Wind Power Systems“ by Martin Fischer, AMSC Windtec, Austria; Chief Executive Officer

12:00 – 12:30 Workshop led by Martin Fischer

12:30 – 13:30 *Lunch*

Afternoon session

13:30 – 14:30 “Good Practices for Regional Sustainable Energy Solutions” by Yoram Krozer, Cartesius Institute, The Netherlands; Environment and Innovation Development

14:30 – 15:00 Workshop led by Yoram Krozer

15:00 – 15:30 *Coffee break*

15:30 – 16:30 „Sustainable Hydro-Power“ by Heinz Panholzer, Andritz Hydro GesmbH, Austria; R&D Coordinator

16:30 – 17:00 Workshop led by Heinz Panholzer

17:00 – 18:00 “Sustainable Energy Technologies based on Biomass and Waste” by Ina Körner, TU Hamburg Harburg, Germany; Bioconversion and Emission Reduction

18:00 – 18:30 Workshop led by Ina Körner

Evening reception

Venue: Medienzentrum Steiermark, Hofgasse 16, 8010 Graz

19:00 - 22:00 Garden Talk on “Smart e-Mobility” by Klaus Woltron, Owner and President of ADVENGYS GmbH and AG, Austria, followed by informal discussions during dinner on the invitation of the Styrian Government

DAY 2

Time: Thursday, 8 July 2010, 09:00 – 18:00

Venue: Hörsaal FSI 1, Frank-Stronach Institut, Inffeldgasse 11, 8010 Graz

Morning session

09:00 – 10:00 “Policies for Sustainable Energy System Innovation – the Nordic Experience” by Audun Ruud, SINTEF, Norway; Political Sciences

10:00 – 10:30 Workshop led by Audun Ruud

10:30 – 11:00 *Coffee break*

11:00 – 12:00 “Regional Resource and Energy Management Policy” by Maarten Arentsen, University of Twente, The Netherlands; Political Sciences

12:00 – 12:30 Workshop led by Maarten Arentsen

12:30 – 13:30 *Lunch*

Afternoon session

13:30 – 14:30 “Sustainable Energy Solutions in the USA” by Tim Krantz, University of Redlands, United States of America; Environmental Sciences and Land Use

14:30 – 15:00 Workshop led by Tim Krantz

15:00 – 15:30 *Coffee break*

15:30 – 16:30 “Information Technology for Sustainable Energy Systems” by Luigi Crema, Fondazione Bruno Kessler, Italy; Information Sciences

16:30 – 17:00 “Sustainable Regional Industrial Parks” by Michael Narodoslowsky, TU Graz, Austria; Chemical Engineering and Sustainable Development

17:00 – 17:30 Workshop led by Michael Narodoslowsky

17:30 – 18:00 Round-up discussion of the seminar, chaired by Michael Narodoslowsky