

Network Conference 2012, Kecskemét (Hungary), 25-26 October 2012

The Role of Renewable Energy for Regional Development

The provision of a climate-friendly and affordable energy supply requires the gradual replacement of fossil fuels by renewable energy sources such as water, wind and solar power, but also geothermal energy or the cultivation of energy crops. At the regional level renewable energies can consume a great deal of land and thus have a major impact on spatial utilisation requirements. Severe conflicts can arise with the competing interests of food production, protection of biodiversity, provisioning of ecosystem services or tourism.

Regional planning and development is thus faced with new duties and responsibilities. Strategies and planning instruments have to be adapted or newly developed to integrate the production of renewable energy into spatial planning. Furthermore, the economic potentials offered by renewable energy have to be carefully considered and integrated into regional energy concepts.

As the spatial, structural and economic framework conditions vary between the regions of Central, Eastern and South Eastern Europe, there can be no standard path for the development and implementation of new regional energy concepts into spatial plans. The following questions will help the countries of Central, Eastern and South Eastern Europe to determine the role of renewable energy in regional development:

- 1) What is the effect at the regional level of mandatory European and national goals for renewable energy production?
- 2) In which way can conflicts between spatial utilisation requirements of renewable energy and competing land uses be resolved and how can regional planning and development contribute to finding publically acceptable solutions?
- 3) How can spatial planning instruments manage and regulate the increasing spatial demand for renewable energy while not neglecting the demands of food production, protection of biodiversity, provisioning of ecosystem services and tourism?
- 4) Which economic potentials can be released or suppressed at the regional level by renewable energy?
- 5) Which new regional energy concepts are pursued and how are these valued and perceived by regional stakeholders and the public?

Organised and Coordinated by

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The Role of Renewable Energy for Regional Development

Conference Venue

HAS/RCERS Institute of Regional Studies – Great Plain Department
Rákóczi út 3, H-6000 Kecskemét, Hungary

Conference Programme

Thursday, 25 October

Arrival at Kecskemét

Hotel Aranyhomok**** (<http://www.hotelaranyhomok.com/indexEng.html>)
Kossuth tér 3

14.30 Arrival at Conference Venue

15.00 Welcome Address

Prof. Dr. Borislav Stojkov
Dr. Éva Perger
Dr. András Donát Kovács

Session 1 – Hungary, Poland and Slovakia

Chair: Borislav Stojkov

15.30 *Territorial Potentials of the Green Economy in Rural Areas of Hungary*
Balázs Duray, András Donát Kovács, Imre Nagy

16.00 *Wind Energy as a Regional Development Factor or Source of Spatial Problems*
Marek Degórski

16.30 *Public Perception of Renewable Energy in Slovakia*
Matej Jaško, Peter Gezik

17.00 Discussion and Conclusion

18.00 Walking Tour through Kecskemét

19.30 **Welcome Dinner**
Rozmaring Restaurant
Szabadság tér 2

Friday, 26 October

08.30 **Arrival at Conference Venue**

Session 2 – Serbia

Chair: Bernhard Müller

09.00 *Building and Regulations in the Field of Energy Efficiency and Renewable Energy Sources in Serbia, Regional Countries and EU*
Mila Pucar

09.30 *The Role of Renewable Energy in the Spatial Plan of the Republic of Serbia: Implementation Aspects*
Miodrag Vujošević, Tamara Maričić

10.00 *Renewable Energy in Serbia – Regional Dimension (the Case of Vojvodina)*
Borislav Stojkov

10.30 Coffee Break

11.00 *Possibilities and limitations of locating wind farms in Serbia*
Danijela Obradović-Arsić

11.30 Discussion and Conclusion

12.30 Lunch Break

Session 3 – Germany and Czech Republic

Chair: Marek Degórski

13.30 *Transformation of the Energy System in Germany – Challenges and Opportunities for Regional Development*
Bernhard Müller, Andreas Ortner

14.00 *Underground Spatial Planning – Legal and Planning Settings for Managing Underground Projects*
Gerold Janssen

14.30 *Equipment for the Production of Energy from Renewable Sources – The Pros and Cons from the Perspective of Spatial Planning in the Czech Republic*
Igor Kyselka

15.00 Coffee Break

15.30 *On Commuting-related Energy Consumption and its Spatial Distribution*
Tomáš Peltan

16.00 Discussion and Conclusion

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17.00 Next steps and perspectives and Network Conference 2013

18.00 Closure of the Conference