



International Conference

“Clean Coal, Smart Grids: Possible Czech Contribution to the EU’s Energy Security”

Prague, November 5, 2009
CERGE-EI, Politických vězňů 7

Conference Program

International conference “Clean Coal, Smart Grids: The Possible Czech Contribution to the EU’s Energy Security” will explore the political, security, environmental and economic dimensions of the clean coal and smart grids technologies. The conference aims at reinforcing synergy among essential public and private stakeholders, enhancing the energy security of the Czech Republic through the research and development of modern technologies and exploring possible engagement of Czech actors in the European research and international development projects.

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| 08:30-9:00 | Registration |
| 09:00-9:10 | Welcome Remarks
Jiří Schneider, Program Director, Prague Security Studies Institute |
| 9:10-9:30 | Keynote Speech: “Challenges to Czech Energy Sector”
Václav Bartuška, Ambassador at Large for Energy Security, MFA |
| 9:30-11:00 | Challenges and Consequences of Coal Revival
<i>What are the most serious obstacles for a “coal renaissance”? Is “clean coal” a feasible alternative to natural gas as a bridge to low-carbon economy?</i>

Chair: Tomáš Weiss , Research Fellow, Europeum
Speakers:
Petr Pudil , President, Euracoal
Pavel Šolc , Chief Advisor to the Minister, Ministry of Industry and Trade
Martin Kabrna , Head of the Technological Processes and Landscaping Section, Brown Coal Research Institute |
| 11:00-11:15 | Coffee Break |

- 11:15-12:45** **Carbon Capture and Storage: Too Good to Be True?**
Is CCS technology economically viable without state incentives and subsidies? What is the best regulatory and financial framework for the “clean coal”? What are the opportunities for R/D in the Czech Republic?
- Chair:** Jan Žižka, Deputy Editor in Chief, E15 Daily
Speakers:
Giles Dickson, Director for Government Relations in Europe, Alstom
Kalliopi Kalesi, Programme Manager, Coal&Oil Unit, DG TREN, EC
Vít Hladík, Head of Geophysical Section, Czech Geological Survey
- 12:45-13:45** **Luncheon**
- 13:45-14:10** **Keynote Speech: Smart Grids, Clean Coal – International and European Perspective**
Giles Dickson, Director for Government Relations in Europe, Alstom
- 14:10-15:40** **Smart Grid: Different Viewpoints**
What is the starting point for smart grid? Smart grid as a bi-directional power-flow system. Is it a reliable way to deliver renewable energy to customers? European super grid: what does it mean for the Czech Republic?
- Chair:** Jiří Schneider, Program Director, Prague Security Studies Institute
Speakers:
Colin Imrie, Deputy Director of Energy Markets, Scottish Government
Miroslav Vrba, Member of the Board and Executive Director for Network Operation and ICT, ČEPS
Ondřej Žák, Consulting Group Leader, IBM
- 15:40-15:50** **Coffee Break**
- 15:50-17:20** **Smart Grids: Costs and Risks**
What are the organizational, economic and security consequences of smart grid? Who will pay for it? How to secure smart grid against cyberterrorism? What are the opportunities for R/D in the Czech Republic?
- Chair:** Lubomír Lízal, Associate Preofesor, CERGE-EI
Speakers:
Lawrence E. Jones, Affiliate Assistant Professor, University of Washington /Director, Business Development, The Americas, AREVA T&D Inc.
Jaromír Beran, Head of Department, Commercial and Technical Services, EGÚ Praha Engineering
Ivan Beneš, Director, CityPlan

17:20-17:30 Closing Remarks

The conference is organized by the Prague Security Studies Institute and Europeum – Institute for European Policy. Throughout years, PSSI has been exploring various aspects of energy security by organizing high-profile international conferences, workshops and other activities: geopolitics of energy resources and market structures (“Energy and Security”, 2004); technological and institutional perspectives of the transition to the low-carbon economy (Club of Prague, 2006), economic impacts of energy supplies disruptions (workshop with CERGE-EI, 2007) and consequences of the January 2009 gas crisis for future of the Czech energy mix (paper based on the results of the public opinion poll, 2009).

Partners:

The conference has been supported by the Ministry of Foreign Affairs of the Czech Republic and the Embassy of the United States of America in Prague.



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