

Energy Transition: A multifaceted Challenge for Europe

3rd Symposium: How to foster innovation in a fast changing EU energy landscape?

8th October 2013, 9:00 am to 1:00 pm (followed by a lunch)

CCE - Conseil Central de l'Économie, 20, Avenue d'Auderghem, B-1040 Brussels

Background

In a partnership, **Egmont – Royal Institute for International Relations** and the **Development Group** are organising a series of Symposiums and an International High Level Conference in Brussels in the course of 2013.

The intense discussions during the different events organised in 2012 (Expert Seminars and Conference) showed that many questions related to the European Energy Transition require further in-depth debates and analysis. Therefore, the up-coming events will focus on the multifaceted challenge of the European Energy Transition towards a low carbon economy, addressing the following key issues:

- 1st Symposium: The completion of the internal energy market by 2014: feasible or illusory? (21st Feb. 2013)
- 2nd Symposium: The external dimension of the EU energy policy in transition? (16th April 2013)
- High Level International Conference: Beyond the 2020 horizon: Moving towards a common EU energy policy by 2030 (10th June 2013)
- 3rd Symposium: How to foster innovation in a fast changing EU energy landscape? (8th Oct. 2013)
- 4th Symposium: How to finance the transition towards a low-carbon economy and the required energy infrastructures? (Dec. 2013)

Egmont and the Development Group aim at setting an intense debate at the EU level and bringing together the views of the industry and other energy stakeholders from Brussels and beyond with those of EU decision makers.

3rd Symposium: How to foster innovation in a fast changing EU energy landscape?

In May, the European Commission published a Communication on “Energy Technologies and Innovation” setting out a strategy to enable the EU to have a world-class technology and innovation sector fit for coping with the challenges up to 2020 and beyond.

In light of this Communication, as well as the EU's Strategic Energy Technology (SET) Plan, the conclusions of the European Council held in May 2013, the Green Paper on the EU post-2020 energy and climate policy framework (March 2013), and the EU Energy Roadmap (2011), this 3rd Symposium will address specific issues linked to the crucial question of “How to foster innovation in a fast changing EU energy landscape?”

Among a wide range of issues related to the innovation dimension of the EU energy policy, the Symposium will address the following key questions:

- What are the core elements of the EU strategy to develop low-carbon technologies?
- What is the future of fossil fuel resources in terms of innovation?
- How to further innovate, modernize, and adapt, the energy infrastructures in Europe?
- What are the main obstacles and drivers for innovation in the energy sector?
- How can the cooperation between member states be encouraged in the field of R&D?
- What are the criteria to invest in R&D?
- What are the criteria to invest in the most cost-efficient way?

General Procedure

The moderator will briefly introduce the topic and the speakers. Each speaker will then make a presentation for no longer than 10-12 minutes. Afterwards, the discussant will comment these presentations and raise the questions he might find of interest (around 10-12 minutes). The moderator will then launch the discussion with all participants.

Draft Programme

- 09.00 - 09.15** **Welcome address Egmont Institute / Development Group**
- 09.15 - 09.30** **Keynote address: Energy Policy, Research Policy and SET-Plan**
Marie DONNELLY, Head of Directorate C: Renewables, Research and Innovation,
Energy Efficiency, DG Energy, European Commission
- 9.30 – 11.00** **Session 1: What is the future for fossil fuel resources in terms of innovation?**
Speakers:
- Market Design as a Key Element for Innovations
Pavel ŘEŽÁBEK, Director of Market Analysis and Prognosis, ČEZ Group
 - A three-step Strategy for Coal Technologies – especially in light of the Parliament’s Report on “Developing and applying carbon capture and storage technology in Europe”
Brian RICKETTS, Secretary General, EURACOAL
 - Innovations in Gas Technologies – a contribution to reaching the targets of 2020 and beyond
Robert JUDD, Secretary General, GERG - European Gas Research Group
- Discussant: Marco GAZZINO, Innovation Strategy and Market, Innovation Unit, ENEL
- Moderator: Sami ANDOURA, Senior Research Fellow, EGMONT Institute & Notre Europe – Jacques Delors Institute
- 11.00 - 11.15** Coffee break

11.15 - 12.45

Session 2: What is the potential for further innovation in RES, smart grids and energy efficiency technologies?

Speakers:

- Potential for further Innovation in Smart Grids
Jon STRETCH, Executive Vice President EMEA, Landis+Gyr
- Grid-scale renewable energy storage – why Power-to-Gas is more than storage alone
Filip SMEETS, General Manager OnSite Generation, Hydrogenics Europe
- Energy efficiency
Monica FRASSONI, President, European Alliance to Save Energy

Discussant: Dries ACKE, Policy Manager, European Climate Foundation

Moderator: Sami ANDOURA, Senior Research Fellow, EGMONT Institute & Notre Europe – Jacques Delors Institute

12.45 – 01.00

Concluding Remarks: Towards an Integrated Roadmap for the SET-Plan

András SIEGLER, Head of Directorate K – Energy, DG Research and Innovation, European Commission

01.00 – 02.00

Lunch

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