REflex
Analysis of the European Energy System

Energy Decarbonisation and Flexibility Needs -

How can high shares of intermittent renewable energies efficiently be balanced?

Subject

The decarbonisation of the energy system is one of the main challenges the European Union is facing in the coming years and decades. Renewable energies play a crucial role in this transformation process. However, due to their intermittent nature they rise the need for flexibility. A large bundle of technologies may provide the needed flexibility, such as energy storage systems or demand side management.

The role of different flexibility options for the decarbonisation of the European energy system will be discussed during this afternoon event. The focus lies on the trade-off between different technologies in the electricity, mobility and heat sector as well as cross-sectoral interactions. In addition, the workshop addresses questions about market design options and policy measures, to facilitate the exploitation of flexibility options in different energy sectors.

Speaker

These topics will be addressed in keynote-presentations and a panel discussion with following energy experts:

- Marie Donnelly (confirmed), Director for Renewables, Research and Innovation, Energy Efficiency of DG Energy, European Commission
- Paul Kreutzkamp (confirmed), CEO of Next Kraftwerke BELGIUM
- Maria Sandqvist (confirmed), Director of the Council for Swedish Smart Grid
- Benoît Revaz (requested), Director General of Swiss Federal Office of Energy

The keynote-presentations and panel discussion are complemented by first insights from the REFLEX-project.

Program

14:30	Registration
15:00	Welcome and Presentation of REFLEX-project
15:20	Keynote Presentations
16:30	Panel Discussion
17:30	Reception

Date

Thursday, 17th November 2016

Venue

Representation of Stockholm
Avenue Marnix 28
B-1000 Brussels

Registration

Please register via E-Mail at Theresa.Mueller@tu-dresden.de until 9th November 2016.

The event is free of charge.

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