

## Final REFLEX Stakeholder Workshop on 3<sup>rd</sup> April 2019

# Flexibility and Technological Progress in a Multi-Coupled European Energy System

### 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 demand side developments and demand side flexibility as well as on the trade-off between different technologies in the electricity, mobility and heat sector. Furthermore, technological learning, societal and environmental impacts as well as cross-sectoral interactions are taken into account in the analyses. 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 by the following energy experts:

- **Dr. Andreas Zucker**, Policy Officer at DG ENER, European Commission
- **Dr. Kátrin Schweren**, Head of Regulatory and Public Affairs at tiko Energy Solutions AG
- **Prof. Dr. Thierry Coosemans**, Director EVERGi at MOBI – Mobility, Logistics and Automotive Technology Research Centre, Vrije Universiteit Brussel

The keynote presentations are complemented by final results and insights from the Reflex project.

### Program

- 13:00 Registration
- 13:30 Welcome and Scope of the Reflex Project
- 13:50 **1<sup>st</sup> Keynote Speech by Dr. Andreas Zucker**
- 14:05 *Presentations on Reflex Project Insights (1/2)*
  - technological learning in energy modelling
  - decarbonisation of the transport sector
  - future energy demand developments and demand side flexibility
- 15:30 **2<sup>nd</sup> Keynote Speech by Dr. Kátrin Schweren**
- 15.45 *Presentations on Reflex Project Insights (2/2)*
  - optimal combination of flexibility options
  - investments in flexibility options under different market designs
  - assessment of environmental and societal impacts
- 17:05 **3<sup>rd</sup> Keynote Speech by Prof. Dr. Thierry Coosemans**
- 17:35 Wrap-up and Policy Recommendations
- 18:00 Closing and Evening Reception

### Date

Wednesday, 3<sup>rd</sup> April 2019

### Venue

Saxony Liaison Office Brussels  
Av. d'Audergem 67, B-1040 Bruxelles

### Registration

<https://goo.gl/forms/92NnzGtoQH3xBxfj2>

Open until 25<sup>th</sup> March 2019

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