

Preliminary Agenda Expert Workshop

“Commercial utilisation of distributed flexibilities in local energy systems”

Where:

European Utility Week Vienna

Raum Schubert 3

When:

7.11.2018 9:30-13:00

An energy system which is mainly based on volatile and more decentral renewable energy sources will possibly have a different design than the current one. It will be rather a bottom-up design, where interconnected cells (private and commercial buildings, microgrids, distribution grids) aim to balance their generation and their consumption and offer services to other cells.

In this future system the DSOs will get more responsibility and face more challenges in managing their grids. And it becomes more important how flexible generators and consumers are and how they can offer and trade their flexibility. Flexibility will become a local energy service separate from the “product” energy.

In this workshop GOFLEX partners will discuss with other experts from the energy domain the future needs of DSOs for flexibility, how the DSO and other local energy actors can use local flexibilities and how flexibility trading mechanisms could look like.

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9:30 Welcome and Introduction

- Welcome by Bradley Eck, GOFLEX Coordinator, IBM Ireland

9:45 Key Notes

- Manuel Sanchez-Jiminez, European Commission, Team leader Smart Grids at DG Energy, tbc
- Roberto Zangrandi, EDSO Secretary General, tbc
- “Bottom-up Energy systems: The cellular approach” Zoran Marinšek, GOFLEX Technical Manager, INEA Slovenia



10:30 Session 1 “Demand for flexibility in local energy systems”

Moderator: Alexander von Jagwitz, Head of Innovation and Research, B.A.U.M. Consult München, Germany

- Input (5-10 min): Which kind of flexibilities are available on local levels?
Hannele Holttinen, PHD, VTT Finland, tbc
Jessica Strombaak, director smartEN, Italy, tbc
- Input (5-10 min): “Needs and Requirements to utilise flexibility in local grids”
Prof Antonello Monti, Director of the Institute for Automation of Complex Power System within the E.ON Energy Research Center at RWTH Aachen University, Germany, tbc
- Input (5-10 min): Flexibility utilisation in local grids and energy communities: the DSO perspective
Gunnar Braun, Managing Director Landesgruppe VKU Bayern (Association of municipal companies in Bavaria, Germany), tbc
Marco Krasser, CEO of SWW Wunsiedel, Germany, tbc

Panel with all participants: Is there a need for flexibilities in local energy systems?

11:30 Session 2 “The utilisation of local flexibilities”

Moderator: Ludwig Karg, Managing Director of B.A.U.M. Consult GmbH München, Germany

- “The future role of flexibility in the energy domain”
Hans de Heer, Senior Project Manager USEF, Netherlands
- “Utilisation of distributed flexibility from commercial and private prosumers”
Dr. Didier Zwierski, COO Tiko, Switzerland, tbc
- “The GOFLEX FlexOffer Model and the GOFLEX local flexibility market”, Prof Torben Bach Pedersen, Big Data Analytics Professor, Center for Data-Intensive Systems, Aalborg University, Denmark
- “Local flexibility markets”, Elies Lahmar, Analyst Product Development at EPEX Spot, France

Panel with all participants: How can local flexibilities be utilised?

12:30 finish and lunch buffet

