



Workshop on Business Models for Renewable Energy Aggregators

**3E Building
Kalkkaai 6 / Quai à la Chaux 6, Brussels, Belgium**

27 September 2016

With the profound transformation of the energy system currently taking place in Europe, new challenges arise for the energy actors dealing with the increasing share of electricity from renewable distributed generation, the reduction of incentives for energy production from renewable sources, intermittency and price volatility in the energy system. The aggregation of distributed renewable sources can significantly accelerate the integration of intermittent electricity sources, enhance demand flexibility and decrease the reliance on renewable energy support schemes.

This workshop will represent a unique opportunity to obtain an overview of the existing business models available in Europe for the aggregation of renewable energy sources. The discussion will focus on the benefits from collaborating with aggregators, who can be defined as facilitators between the downstream and upstream sides of the electricity markets. The workshop will provide detailed information on energy services downstream developed by the aggregators for industrial, commercial or domestic customers whom own generation and storage units or can offer demand response. The workshop will be also related to the values provided by aggregators to the market players upstream such as BPRs, DSOs, TSOs and energy suppliers to optimize their portfolio and for balancing and congestion management.

BestRES website: www.bestres.eu



This event is organized in the framework of the BestRES project. This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 691689.

12:30 - 13:30 Arrival and networking lunch		
Introduction <i>Chair: Ingrid Weiss, Head of policies and strategies unit, WIP - Renewable Energies</i>		
13:30 - 13:40	Overview on the BestRES project	Silvia Caneva, Senior Project Manager, WIP-Renewable Energies
13:40 - 14:00	Aggregator business models & benefits of RES aggregation	Ruben Verhaegen, Expert Grids & Power Markets, 3E
14:00 - 14:10	Barriers for RES aggregation	Fabian Pause, Legal Expert, SUER
Session I RES aggregation for balancing and congestion management of the energy system <i>Chair: Manuel Sánchez, Team Leader Smart Grids, Directorate General for Energy, European Commission</i>		
14:10 - 14:20	Commission's introduction and remarks for the session	Manuel Sánchez, Team Leader Smart Grids, DG Energy, EC
14:20 - 14:40	The point of view of the electricity industry	Marion Labatut, Wholesale & Retail Market issues, EURELECTRIC
14:40 - 15:00	Distribution Systems, an opportunity for Aggregators	Didier Halkin, Settlement Processes & Balancing Products, ORES
15:00 - 15:20	Energy services for balancing and congestion management of the energy system	Paul Kreutzkamp, Managing Director, Next Kraftwerke Belgium
15:20 - 15:30	Q&A	
15:30- 15:50 Coffee break		
Session II RES aggregators as providers of flexible and competitive electricity supply <i>Chair: Sebastien Mortier, Innovation and Networks Executive Agency (INEA), European Commission</i>		
15:50 - 16:10	How to facilitate engagement of domestic consumers in the electricity market?	Jörg Mühlenhoff, Project Coordinator on Renewable Energy, BEUC
16:10 - 16:30	The needs of the industrial electricity consumers	Mukund Bhagwat, Corporate Energy & Climate Affairs, Aurubis and IFIEC
16:30 - 16:50	Providing flexible and competitive electricity supply to consumers	Maximilian Kloess, Expert Power Economics & Trading, oekostrom AG
16:50 - 17:00	Q&A	
Panel discussion on the benefits of energy storage, demand response and RES aggregation		
17:00 - 17:30	Panelists: <ul style="list-style-type: none"> - Manuel Sánchez, DG Energy, EC - Marion Labatut, Eurelectric - Didier Halkin, ORES - Sebastien Mortier, INEA, EC - Jörg Mühlenhoff, BEUC - Mukund Bhagwat, Aurubis & IFIEC 	<i>Discussion moderated by Frauke Thies, Executive Director of Smart Energy Demand Coalition - SEDC</i>
17:30 - 17:40 Conclusion and adjourn <i>Technical University of Vienna</i>		