Intelligent Energy Europe

Improvement of the Social Optimal Outcome of Market Integration of DG/RES in European Electricity Markets (IMPROGRES)

Midterm Conference, May 13th Salzburg

Short description of the IMPROGRES project

The IMPROGRES project analyses the impact of large scale DG/RES deployment for the whole electricity supply system, i.e. considering the interactions and trade-offs between the physical and economic system: power generation (incl. DG/RES), transport (transmission and distribution networks), energy wholesale trading and retail supply, system services (balancing, power reserves, ancillary services) and energy consumption (incl. demand response). Furthermore, the boundary conditions are of importance: policy (support schemes) and regulation (e.g. network regulation). Also external effects will be considered (e.g. environmental impacts). To avoid a too generic and only qualitative approach the analysis of the total supply system will be applied for three concrete cases for which quantitative data are available. These analyses will be used as the basis for identification of regulatory and policy improvements.

Mid-term conference

The IMPROGRES project (2007-2010) is currently about halfway. We will present our findings on the following topics:

- Interactions between DG/RES operators, DSOs and market places in countries with increased DG/RES levels.
- Quantified scenarios of the total costs of electricity supply systems in the EU with increasing DG/RES supply in the future up to 2020 and 2030.
- A quantified assessment of costs and benefits of increasing DG/RES shares for real distribution networks, making use of more classical network approaches as well as its comparison to enhanced response alternatives.

Partners:

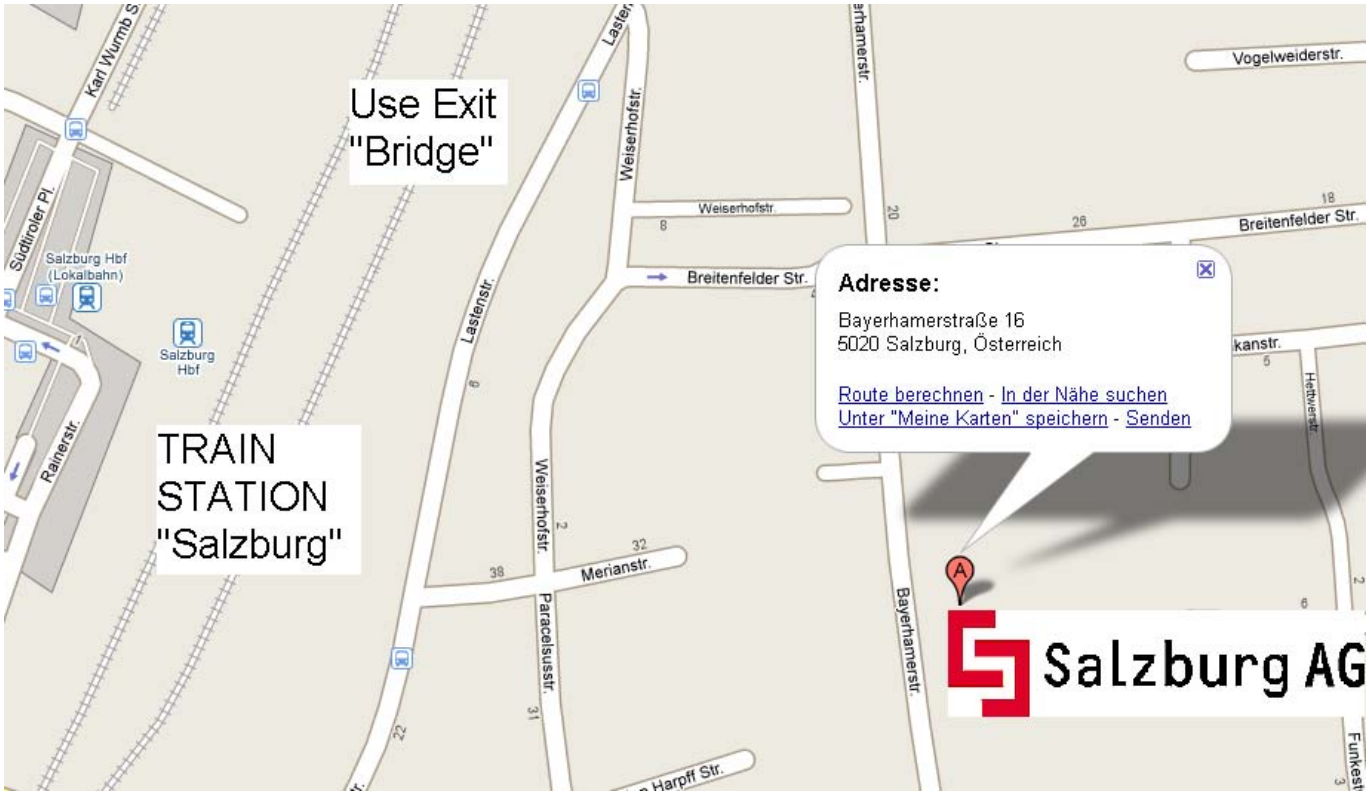
- Energy research Centre of the Netherlands (ECN), coordinator
- Universidad Pontificia Comillas, Spain
- Institut fuer Solare Energieversorgungstechnik (ISET), Germany
- Forskningscenter Risø, Denmark
- Vienna University of Technology, Institute of Power Systems and Energy Economics, Energy Economics Group (EEG), Austria
- Liander NV (previously called: Continuon Netbeheer), The Netherlands
- MVV Energie, Germany
- Union Fenosa Distribucion, Spain

Venue of the Midterm Conference

Salzburg AG
Bayerhamerstrasse 16
A-5020, Salzburg, Austria

How to get there:

By plane via: Salzburg Airport W. A. Mozart and Taxi
By train: Train station “Salzburg” and a five minutes walk



By car: Motorway A1, Exit “Salzburg Süd”

Schedule of the Midterm Conference May 13th 14:00 to 18:00

14:00	**Welcome and opening of the conference**	Frans Nieuwenhout (ECN)
14:15	**Project overview & methodology**	Jeroen de Joode (ECN)
14:45	**Assessment of current DG, DSO and market interactions** • DG/RES embedded in the present regulatory framework) • Promoting efficient DG localisation under network regulation and support schemes • Curtailment of DG/RES and investment incentives for both DG and DSO	Henrik Jacobson (Risø)
15.15	Coffee Break	
15:45	**Scenario's development and analysis** • DG/RES scenarios (NL, GER, ES) • Cost analysis based on **Green*Net***	Wolfgang Prüggler (EEG)
16.15	**Case studies of system costs on DSO level** • System costs of DG/RES grid integration based on PECO model • Case studies (Spain, Germany, Netherlands)	Luis Olmos (Comillas)
16.45	***Discussion***	
17.30	End of the IMPROGRES Midterm Conference	

Cocktail reception 19:30 (together with participants of the "Smart Grids Week Salzburg 2009")

Participants of the IMPROGRES Midterm Conference are invited to join the Cocktail reception which takes place as a starting event to the "Smart Grids Week Salzburg 2009".

Registration: IMPROGRES Midterm Conference

For registration (free of charge, limited participant number) to the IMPROGRES Midterm Conference please contact
prueggler@eeg.tuwien.ac.at or +43 5880137369

In addition to the IMPROGRES event the **"Smart Grids Week Salzburg 2009",** which takes place from 14th to 15th May 2009 at the same venue, mainly focuses on the impact of Distributed Generation as well as Smart Grids developments in Austria. The conference offers simultaneous translation (German – English, English – German) to the participants. Further details about this event can be found at

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