

Workshop – VG2-Strategies: Integration of Electric Vehicles in the Austrian Energy System

The project V2G-Strategies, coordinated by the Vienna University of Technology (Energy Economics Group), analyses in cooperation with the AIT and other partners the technical, economic and ecological impacts for Austria's energy system due to a high e-mobility penetration. The options of system related e-mobility integration in urban and rural case studies are analyzed developing active grid integration as well as new business models (e.g. loading strategies, balancing services) for Grid to Vehicle and Vehicle to Grid concepts.

As key results a tailor made guideline and action plan for Austrian decision makers will be derived.

The main subjects of the workshop are:

- Discussion of selected low and medium voltage grids in urban and rural areas
- Penetration of electric vehicles in the selected areas
- Charging and discharging strategies
- Grid impacts
- Possible business models which could enable system related integration of electric vehicles into the Austrian energy system

The project will be finished by October 2012. Therefore the main goal of the workshop is to discuss the chosen methodology and database of the project.

10:00-13:30 Workshop- VG2-Strategies

14:15-17:30 Project-Forum

20:00 Ars Electronica Center – Deep Space (3d cinema) followed by a dinner in the CUBUS restaurant (exclusively for the participants of the workshops) at the invitation of Energie AG Oberösterreich

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