

Grid Connected Vehicles and Renewable Energies

- Exploring Synergies -

*An international workshop from the members of the
IEA IA-HEV Annex XV group on Plug-in Hybrid Electric Vehicles (PHEV)*

WORKSHOP INFORMATION

Dates:

Monday and Tuesday, November 23-24, 2009.

Meeting Host:

The workshop will be hosted by Energinet.dk, a Danish government organization responsible for the transmission grid and balance of the system. The organization is based in Fredericia which is a Danish town in Jutland and can be reached hourly by direct train from Copenhagen airport in about two hours.

Workshop Goals and Expected Outcomes:

In this era of heightened environmental consciousness and difficult economic times, there is no question that our automotive industries are evolving to address new consumer interests and demands. Automobiles of the future will offer consumers new and exciting concepts and options. Grid connected vehicles (plug-in hybrid electric vehicles, battery electric vehicles, etc.) will play an important role in addressing these concerns.

Our electricity grids are all different. Some take full advantage of renewable energies while others make use of other natural resources. How our different systems will provide/acquire power to/from these vehicles as well as other impacts and benefits they present will be managed differently in regions and jurisdictions around the world. These different strategies and concepts will be presented and discussed.

Better understanding these dynamics and learning from different approaches to better take advantage of the opportunities grid connected vehicles present will be the focus of this workshop.

Specific questions to be addressed:

1. Is the integration of renewable energies in existing grids sufficient to handle the arrival of grid connected vehicles?
2. Can grid connected vehicles promote the use of renewables (and vice-versa)? How and what kind of marketing strategies will help both vehicles and renewables?
3. What regulatory requirements are in place that might affect or help with the increased implementation of renewable energies and grid connected vehicles?

4. What are the lessons learned from the various strategies around the world?

To inquire about participating in this workshop, please contact:

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