

Hanse-Wissenschaftskolleg
Institute for Advanced Study

Workshop

Electro mobility in Northwestern Germany – Experiences and Perspectives

Delmenhorst, March 30 – 31, 2017

Organizers:

Dr.-Ing. Gerald Rausch, Fraunhofer-Institut IFAM,
Bremen

Christian Geier, Automotive Northwest e.V.

Wolfgang Stenzel, Hanse-Wissenschaftskolleg

Supported by:



Venue:

Hanse-Wissenschaftskolleg
Institute for Advanced Study
Lehmkuhlenbusch 4
27753 Delmenhorst
Germany
www.h-w-k.de



Program

- 09:45 *Registration and Welcome Coffee*
- 10:15 Opening, Introduction
- 10:20 Welcome Address
Dr. Anna Meincke, Managing Director, Metropolregion Nordwest, Delmenhorst
- 10:30 E-Mobility model region Bremen/Oldenburg: supporting program and selected results
Dr.-Ing. Gerald Rausch, Coordinator Model Region Electro Mobility Bremen and Oldenburg

Session 1 – Electro mobility, fleet management issues, public transport

- 11:00 Sustainable mobility at Mercedes-Benz
Christian Göke, Project Manager E-Mobility, Mercedes-Benz Plant Bremen
- 11:30 ÖPNV abgasfrei – geht das? Public transport without emissions – is it possible? *(in German with English summary)*
Yusuf Demirkaya, Bremer Straßenbahn AG, Bremen
- 12:00 Fleet management with electric vehicles
Marcus Spiekermann, Moveabout, Bremen
- 12:30 Discussion
- 12:45 *Lunch*

Session 2 – Energy systems, charging infrastructure and grid integration

- 13:45 Integration of electric mobility – electric vehicles as
local energy storages
*Dr. Karsten von Maydell, NEXT ENERGY (EWE-Forschungszentrum für
Energietechnologie e.V.), Oldenburg*
- 14:30 BESIC - Battery electric heavy goods vehicles in intelligent
container terminal operation
Norman Ihle, OFFIS (Institut für Informatik), Oldenburg
- 15:15 Charging stations for different use cases
Ronald-Mike Neumeyer, SWARCO TRAFFIC SYSTEMS GmbH, Bremen
- 15:45 Current research activities in battery development
*Dr. Julian Schwenzel, Fraunhofer Institute for Manufacturing Technology and
Advanced Materials IFAM, Bremen and Oldenburg*
- 16:30 Discussion
- 16:45 *Refreshments*
- 17:00 *Bus departure for Bremen (battery electric bus Sileo,
provided by Bremer Straßenbahn AG - BSAG)*
- 18:00 *Guided tour Mercedes-Benz plant in Bremen*
- 19:00 *Workshop Dinner at restaurant "Gottlieb"
(at the Daimler-Benz Visitors' Center)*
- 21:30 *Bus departs for Delmenhorst and hotel*

Friday, March 31, 2017

Session 3 – Possible future(s) of electro mobility

- 9:15 Market diffusion of electric vehicles in Germany
Dr. Till Gnann, Fraunhofer Institute for Systems and Innovation Research ISI, Karlsruhe
- 10:00 eMobility in Norway - experience the future
Torun Degnes, electric mobility norway
- 10:45 *Coffee and tea*
- 11:15 Industrial future - fuel cell beats charging cable
Marc Schwertfeger, nass magnet GmbH, Hannover
- 11:45 Discussion
- 12:15 Conclusions, Perspectives (Closing Remarks)
- 12:30 *Lunch and Departure*