

**North Sea Electric Mobility Network -
1st International Workshop on “Experiences and the future of EV Fast Charging”
15 March 2012, Hamburg, Germany, 09:30 – 16:00**

Organized by Lindholmens Science Park and Hamburg University of Applied Sciences in the frame of the Interreg IVB project E-Mobility NSR

Background

The EU-funded project North Sea Electric Mobility Network will help to create favorable conditions to promote common development of e-mobility in the North Sea Region. The project is striving towards improving accessibility and the wider use of e-mobility in the North Sea Region countries. The partnership is drawn from 7 countries: United Kingdom, Belgium, Netherlands, Germany, Sweden, Denmark and Norway.

Workshop Purpose

The main purpose of the workshop is the exchange and knowledge transfer of practical experiences of procurement, installing and operations of electrical vehicles fast chargers/stations. The vision is that the workshop shall broaden the network and disseminate valuable information about fast charging both for manufacturers, infrastructure planners, charging operators and EV user groups as well as streamlining guidelines and align evaluation procedures.

Program Outline:

The one-day workshop is based on overview summaries by invited experts, short contributions reflecting practical experiences from partner organizations and interactive workshop discussions on important fast charging issues.

Chairman:

Prof Dr Wolfgang Winkler, Hamburg University of Applied Sciences

Registration and deadline:

Please register via the online form at www.e-mobility-nsr.eu until **2 March 2012**. Note that due to limited space as to ensure a comfortable working atmosphere, the maximum number of participants is limited to 40 persons.

Participation in the workshop is free of charge; workshop material, meals and refreshments will be provided.

Conference venue

HAW Hamburg
Faculty of Life Sciences
Lohbrügger Kirchstraße 65
21033 Hamburg-Bergedorf
Room: N 3.09

You can find a location plan in this document behind the programme of the workshop.



Recommendations for accommodation:

Hamburg-Bergedorf:

1. RAMADA Hotel Hamburg-Bergedorf
Phone +49/40/72595-0
E-mail: hamburg-bergedorf@ramada.de
http://www.ramada.de/hotels/hotels_index.php?hotel_code=15717
2. Hotel Sachsentor
Phone: +49-40-72 69 67 - 0
E-mail : rezeption@hotelsachsentor.de
<http://www.home.hotelsachsentor.de/de/>

In Hamburg City:

1. Motel One Hamburg-Alster
Phone: +49/40/4192497-0
E-mail: hamburg-alster@motel-one.com
<http://www.motel-one.com/uk/index.html>
2. Maritim Hotel Reichshof Hamburg
Phone: +49 (0) 40 24833-0
E-Mail: info.ham@maritim.de
<http://www.maritim.de/de/hotels/deutschland/hotel-reichshof-hamburg>

Organisation:

Team Sweden:

Dr Peter Öhman, Lindholmens Science Park, Sweden/Dr Sten Bergman, Test Site Sweden.

Team Germany:

Prof Dr (mult.) Dr h.c. (mult). Walter Leal, Hamburg University of Applied Sciences / Natalie Fischer, Hamburg University of Applied Sciences / Franziska Mannke, Hamburg University of Applied Sciences

Secretariat:

Dr Peter Öhman, Lindholmens Science Park, Sweden

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workshop programme

- 9:00 **Registration and welcome coffee**
- 9:30 **Welcome and short introduction into the workshop**
Prof Walter Leal, Coordinator E-Mobility NSR, Prof Winkler, Chairman, HAW Hamburg
- 9:40 **Testing of Fast Chargers – where do we stand?**
Mr Roger Källberg, Intertek
- 10:00 **Energizing EV Charging and other Initiatives**
Dr Steve McDonald, NAREC, Newcastle
- 10:20 **Experiences from North West Europe: the ENEVATE project**
Dr Kord Pannkoke, BAIKA, Germany
- 10:40 *Coffee break*
- 11:00 **Country experiences of Fast Chargers from the NSR region**
Norwegian Fast Charging Initiatives
Dr Benjamin Myklebust, ZERO, Norway
- Fast charging in Hamburg - Roll-out plans and potential benefits
Mr Sören Trümper, hySOLUTIONS GmbH, Germany
- Fast charging in Denmark
Mads Bundgård Lauridsen, ChooseEV, Denmark
- Proving safe inductive power transfer
Mr Koenraad Grillaert, TransEnergy (son), Belgium
- 12:00 *Lunch*
- 13:00 **Country experiences of Fast Chargers from the NSR region (cont.)**
Charging along Green Highway and other experiences
Mr Mikael Hagman, Jämtkraft, Sweden
- Ongoing Fast Charging activities in the Netherlands
Mr Paul Rutte, Province of North Holland, The Netherlands
- 13:30 **Large scale deployment of CHAdeMO fast chargers: “The Tallinn project”**
Dr Steven Dorresteyjn, ABB Netherlands,
- 14:00 *Coffee break*

- 14:30 **DC charging with the Combined Charging System**
Mr Matthias Kübel, Volkswagen AG, Wolfsburg, Germany
- 14:45 **Workshop breakout sessions**
Dr Peter Öhman, Lindholmens Science Park
- 1: Defining a joint database of information
 - 2: Opportunities and barriers for the deployment of fast chargers
 - 3: Localizing smart places for fast chargers
 - 4: Commercial aspects of fast charging
- 15:30 **Session reporting/Findings**
- 15:50 **Summary and conclusions**
Prof Leal and Prof Winkler
- 16:00 **End of workshop**



How to find us

Public transport:

Take the S-train no. 21, direction reads Bergedorf. From there, enter Bus No. 232, exit at "Lohbrügger Kirchstraße". Alternatively, it takes approx. 10 minutes to walking from the station to the Bergedorf Campus. Travel time from Hamburg-Central train station to HAW's Bergedorf Campus is approx. 30 Minuten (see also www.hvv.de).

By car:

→ Coming from Hamburg Inner City you drive onto the expressway B5, direction Bergedorf. At Bergedorf turn left (behind the JET petrol station) into street „Lohbrügger Kirchstraße“. At the intersection, turn right in street „Höperfeld“, after 100m you have reached your destination.

→ Coming from autobahn A1 exit at „Dreieck Hamburg-Südost“ onto autobahn A25, direction Bergedorf. Follow A25. Exit at „Hamburg-Bergedorf“ and follow the street „Curslackner Neuer Deich“ way north - later this street changes into „Sander Damm“.

Cross the railroad tracks and turn left at the second large intersection into street „Bergedorfer Straße“. Nach ca. 100 m biegen Sie rechts vor der JET-Tankstelle in die Lohbrügger Kirchstraße ein. At Bergedorf turn left (behind the JET petrol station) into street „Lohbrügger Kirchstraße“. At the intersection, turn right in street „Höperfeld“, after 100m you have reached your destination (see www.stadtplandienst.de).



**Hamburg University of Applied Sciences/
Hochschule für Angewandte
Wissenschaften (HAW Hamburg)**

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