



FUELLING THE CLIMATE 2014

Challenges and Opportunities for Green Transport:
Clean Urban Freight Solutions

Date & time: 22 May 2014, 9:30–16:00 h

Venue: Hamburg University of Applied Sciences (HAW Hamburg),
Berliner Tor 21 – Aula, 20099 Hamburg, Germany

*A specialist seminar in the frame of
the INTERREG IVB North Sea Region Project E-Mobility NSR*

Supported by:



Register until
1 May 2014

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FACILITATION

Jens Christian Lodberg Høj
Cluster Manager, Insero E-Mobility, Horsens, DK

9:30 Registration and welcome coffee

WELCOME

10:00 Prof. Dr. Jacqueline Otten
*President, Hamburg University of Applied Sciences
(HAW Hamburg)*

INTRODUCTION TO THE THEME OF THE DAY

10:10 **Goals of the specialist conference**

Prof. Dr. Walter Leal
HAW Hamburg, Coordinator of the EU project E-Mobility NSR

10:20 **European perspectives on clean urban freight**

Andrea Campagna (PhD)
*Partner of 'Urban Freight Transport Study' for DG MOVE European
Commission, Centre for Transport and Logistics (CTL),
Sapienza University of Rome, Italy*

SESSION A: CLEAN URBAN FREIGHT SOLUTIONS – LESSONS FROM THE NORTH SEA REGION

NORTH SEA REGION

10:45 **A Comparative Analysis of European Examples of Schemes for
Freight EV's**

Michael Stie Laugesen
*FDT Association of Danish Transport and Logistics Centres,
Denmark*

GERMANY

11:05 **EV Urban Freight in Germany – Perspectives for Communes
and Enterprises**

Dominique Sévin
*Manager Programme E-Mobility, National Organisation Hydrogen
and Fuel Cell Technology, Germany*

HAMBURG

11:25 **Towards a Hamburg e-Freight Action Plan**

Tessa Taefi
HAW Hamburg, Clean urban freight researcher, E-Mobility NSR

11:45 **Question and answer session with the speakers of session A**

12:15 Lunch break and visit of the exhibition

SESSION B: CURRENT RESEARCH RESULTS

- 13:00 **Lighthouse projects "ELMO – e-mobile city logistics" and "metropol-E"**
Kurt Pommerenke
Economic Development Agency Dortmund, Germany
- 13:20 **Project SAFE "Scandinavian Analysis of urban Freight logistics using Electric Vehicles"**
Jens Christian Lodberg Høj
SAVE Project, Insero E-Mobility, Horsens, DK
- 13:40 **Electric commercial vehicles in China**
Peter Thomas in der Heiden
*Research Associate at Mercator School of Management
University of Duisburg-Essen*
- 14:00 **Question and answer session with the speakers of session B**

SESSION C: EUROPEAN BEST PRACTICES

THE NETHERLANDS

- 14:30 **Cargohopper and key success factors for zero-emission urban distribution**
Peter Tjalma
Managing Director of TransMission, The Netherlands

GERMANY

- 14:50 **Electric mobility in inner city delivery**
Michael Lohmeier
Vice President GoGreen, Deutsche Post DHL

SWEDEN

- 15:10 **Mail Delivery with electric vehicles**
Lena Kanstrup
Development Manager Vehicles, Posten Meddelande Sverige
- 15:30 **Question and answer session with the speakers of session C**
- 16:00 End of the day

Background and Aims

The urban freight sector is seen as key initial market for electric vehicles. Zero-emissions electric lorries are generally used in Europe on scheduled, regular delivery routes suited to electric vehicles' limited range. The vehicles are charged at the depot, which reduces dependency on the public charging infrastructure. Compared to diesel vehicles, electric goods vehicles are also highly energy-efficient in slow, stop-start urban traffic and on short journeys. Yet despite their suitability for urban freight transport and the environmental benefits they offer, electric vehicles so far account for fewer than one in a thousand registered heavy goods vehicles in Germany. Unlike in Germany, clean urban transport solutions are common in many places elsewhere in Europe. What factors have facilitated the introduction of low-emissions transport in the North Sea region, one of the fastest-growing regions in Europe? What conditions and structures affect urban freight, and what specific aspects are relevant for electric urban transport? Does Europe offer best practice examples from which we can learn? These and many other questions will be addressed at the specialist seminar »Fuelling the Climate 2014 – Challenges and Opportunities for Green Transport: Clean Urban Freight Solutions« to be held on 22 May 2014. Participation is free of charges.

AIMS OF THE SPECIALIST SEMINAR

The specialist seminar »Clean Urban Freight Solutions« will cover issues ranging from the European political motivations behind innovative, low-emissions freight to the challenges of and driving forces behind electric haulage solutions in Europe, in Germany and in Hamburg. Solutions developed by businesses and research institutes and examples of best practice from major European cities will offer an insight into the potential offered by electric heavy goods vehicles. Speakers from industry, the research sector and politics/public authorities will present and explain key aspects of the core issue at various levels and from a range of perspectives:

- What tools are used to promote the launch of clean urban freight at a European level?
- What trends and developments can be observed within the North Sea region?
- What practical new approaches are currently in the pipeline for the Hamburg metropolitan area?

Our speakers will also outline specific, detailed options for electric freight in use, drawing on German and international projects in research and practice. The event will end by introducing attendees to the ways in which climate-friendly electric transport has already been implemented in a number of European cities. There will be plenty opportunities for discussion and exchange with exhibitors at the exhibition to be run in parallel with the seminar.



e-mobility NSR

The North Sea Region Electric Mobility Network (E-Mobility NSR) at Hamburg University of Applied Sciences (HAW Hamburg) brings together and strategically coordinates the fields of climate protection, mobility and sustainability. E-Mobility NSR is aimed at analysing and addressing the need for further co-operation in the North Sea region in terms of access to and the use of e-mobility. The plan is to develop a transnational structure for electric mobility - a network - to improve access to electric mobility in the regions in question.

E-Mobility NSR is organised by the Research and Transfer Centre (FTZ-ALS) of HAW Hamburg within the framework of the EU Interreg IVB (North Sea Region) Programme. The project involves higher education institutions, public authorities, local authorities and business development agencies in the North Sea region. Partners from Belgium, Denmark, Germany, the United Kingdom, the Netherlands, Norway and Sweden work together on the development of joint strategies for the successful development of climate-friendly and sustainable mobility with electric cars. The project coordinator is Prof. Dr. (mult.) Dr. h.c. (mult.) Walter Leal, Head of the 'Applications of Life Sciences' Research and Transfer Centre.

**For more information on E-Mobility NSR,
please visit www.e-mobility-nsr.eu.**

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Organizers and Contact



The specialist seminar »Fuelling the Climate 2014 – Challenges and Opportunities for Green Transport: Clean Urban Freight Solutions« is being hosted by the »Applications of Life Sciences« Research and Transfer Centre (FTZ-ALS) at Hamburg University of Applied Sciences (HAW Hamburg), with the generous support of the North German branch of the German e-mobility association Bundesverband eMobilität e.V. and of the Renewable Energy Cluster.

The Centre is the HAW Hamburg Life Sciences Faculty's research and development institute. It develops local, national and international project-based solutions with the main focus on life sciences, including biotechnology, health, ecotrophology, medical technology, pharmaceuticals, and environmental and process engineering. The Centre also explores solutions in the more general fields of energy, climate protection and sustainability.

The seminar is being staged as part of and in cooperation with the International Climate Change Information Programme (ICCIP). The ICCIP is a HAW Hamburg initiative, run in partnership with the United Nations Environment Programme (UNEP), the World Meteorological Organization (WMO), the Global Environment Facility (GEF) and a number of other international organisations.

HOCHSCHULE FÜR ANGEWANDTE WISSENSCHAFTEN HAMBURG

Forschungs- und Transferzentrum »Applications of Life Sciences«

Prof. Dr. (mult.) Dr. h.c. (mult.) Walter Leal
Franziska Mannke, Kathrin Rath, Tessa Taefi

Fakultät Life Sciences
Ulmenliet 20
21033 Hamburg/Germany

Phone: +49.40.428 75-6324
Fax: +49.40.428 75-6079
E-Mail: info@fuellingthecclimate.eu

**Register online for and participate for free in the seminar:
www.fuellingthecclimate.eu**