



Final Conference Energy & Transport

6th February 2014, IVA Conference Centre
Grev Turegatan 16, Stockholm

PROGRAMME

10:00 - 10:30	Registration
10:30 - 10:40	Introduction <i>Anders Lewald</i> <i>Chair of the Energy & Transport Board</i>
10:40 - 10:50	Welcome <i>Anne Cathrine Gjørde</i> <i>Director Nordic Energy Research</i>
10:50 - 11:00	Introducing todays programme <i>Moderator Ole Henrik Hannisdahl</i>
11:00 - 11:20	Presentation <i>Bo Normark</i> <i>Power Circle</i>
11:20 - 11:30	Poster session
11:30 - 12:30	Project presentations: Electric Transportation - <i>RekkeVidde</i> - <i>NEA</i> - <i>EleST</i> - <i>SAFE</i> - <i>EVRMAP</i> - <i>INTELECT</i>
12:30 - 13:30	Lunch
13:30 - 13:50	Presentation <i>Prof. Britta Gammelgaard</i> <i>Copenhagen Business School</i>
13:50 - 14:50	Project presentations: Sustainable Freight Transportation - <i>LiFT</i> - <i>SPIRETH</i> - <i>NoSlone</i> - <i>SusInt</i> - <i>NiHub</i> - <i>NORFREN</i>
14:50 - 15:10	Coffee break / Poster session
15:10 - 16:00	Assessing projects, current trends & outlook - Panel discussion <i>Moderator Ole Henrik Hannisdahl</i>
16:00 - 16:20	Presentation <i>Ann Segerborg-Fick</i> <i>BUSAD</i>
16:20 - 16:40	Coffee break
16:40 - 17:20	Further steps for the Energy and Transport programme - Panel debate <i>Moderator Ole Henrik Hannisdahl</i>
17:20 - 17:30	Concluding remarks <i>Moderator Ole Henrik Hannisdahl & Chair Anders Lewald</i>

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Session 1: Electric Transportation

11:30 – 12:30

- RekkEvidde** **Range & Performance of EVs in Nordic Driving Conditions** aims at producing a complete picture of energy use in an EV in cold climates, such as in the Nordic Region. The analysis includes preheating, heating while driving, as well as battery management and control during parking.
- EleST** **Electric Ship Traffic** analyses the possibilities of electric ships. By modelling the energy behaviour functions of different ship traffic segments, the project identifies, specifies and simulates the most promising energy carrier, conversion and supply chain options for ship traffic.
- EVRMAP** **Map Database & Routing Service for EV Usage Optimisation** provides EV-drivers with information on where to find charging stations and how to find a route between those stations. The services ultimately optimise EV-usage in the Nordic Region.
- NEA** **Nordic Electric Avenue** will facilitate a change towards a society with higher shares of EV carpooling. Building on existing models, the project sets up and expands electric car pool fleets in Copenhagen, Helsingborg, Gothenburg and Oslo.
- SAFE** **Scandinavian Analysis of Urban Freight Logistics Using Electrical Vehicles** focuses on eco-friendly systems for city freight logistics and evaluates electric vehicles as a solution. The project also looks into necessary economic incentives that need to be implemented in a transition to cleaner cities.
- INTELECT** **Incentives & Actual Cost Calculations for Electric Transport** compares incentives for electric transport in the Nordic countries. Based on the incentives, the project developed a Nordic cost calculator that can compare the actual costs and benefits of traditional cars and electric vehicles.

Session 2: Sustainable Freight Transportation

13:50 – 14:50

- LiFT** **Light Weight Freight Transport** looks to innovate transport systems by reducing vehicle mass. A key step is introducing carbon fibre composite materials as load bearing elements for hybrid joining. Efficient hybrid joints rely on suitable material processing, design methods and quality control.
- SPIRETH** **Alcohol (Spirits) & Ethers as Marine Fuel** is a full-scale pilot project for testing methanol and di-methyl-ether as shipping fuels. The fuel can be used in an adapted diesel engine through the conversion of methanol into a mix of methanol, water and di-methyl-ether.
- NoSlone** **Nordic Sustainable Logistics Network** establishes a Nordic network that improves cross-border collaboration in sustainable logistics. A network facilitator in each country, who administers a knowledge hub within their area of expertise, addresses the different national contexts.
- SusInt** **Sustainable Transport Through Improved Actor Interfaces** focuses on increased sustainability and competitiveness for logistics companies and Nordic supply chains. By identifying cooperation among actors, the project assesses business models, roadmaps for companies & policy recommendations.
- NiHub** **Nordic Sustainable Intelligent Truck Hub** is a demo-project displaying how urban networks can be relieved from heavy trucks. The NiHub concept is developed by assessing preconditions and developing intelligent services for truck parking information and "urban consolidation centres".
- NORFREN** **Nordic Comparison on the Future of Road Freight Energy Efficiency and CO₂ Emissions** forecasts trends in Finnish, Swedish, Danish and Norwegian road transport up until 2030. The analysis accounts for past and current trends, and has concluded in a tool for assessing recommended measures.



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SPEAKERS

Anders Lewald

Anders Lewald is the chair of the Energy & Transport Board. He holds a licentiate degree within Energy Systems and has worked at the Swedish Energy Agency for over 15 years. Currently Head of the Transport Unit, work areas include financing RD&D of renewable fuels and energy efficient road transport.

Anne Cathrine Gjørde

Anne Cathrine Gjørde has been the Director of Nordic Energy Research since 2009, having previously held positions at DONG Energy and Dansk Energi in Denmark. In addition to a Master's degree in Communication, she holds a PhD in Power Engineering.

Ole Henrik Hannisdahl

Ole Henrik Hannisdahl hold a Master's degree in International Business, and has previously worked for KPMG as well as Magenta Consulting. He is currently project manager for Grønn Bil, a joint venture to increase the number of EVs and PHEVs to 200 000 in Norway by 2020.

Ann Segerborg-Fick

Ann Segerborg-Fick holds a degree in Biochemistry, and has previously worked at the Swedish Energy Agency as an expert in the area of energy and transport. She is currently Senior Manager at BUSAD, where work areas include R&D within renewables, energy efficiency and biofuels for transport, including electric vehicles.

Britta Gammelgaard

Britta Gammelgaard is a Professor at Copenhagen Business School, where her main research interests are within supply chain innovation processes, knowledge creation and city logistics. She has received the Danish award for research within transport, Hedorfs Fonds Transportforskningspris, as well as awards for service as reviewer and associate editor.

Bo Normark

Bo Normark holds a degree in Electric Engineering from Chalmers University of technology, and has worked with power transmission technology at ABB for almost 40 years. He is currently senior adviser of Power Circle, an organisation that brings together members from companies, research institutions and stakeholders for sustainable power technology.