

"E-Mobility in the North Sea Region -  
experience and recommendations for  
development from current and future EV  
users"



- 09:00 – 09:15 **Welcome and introduction**  
by Lars Overgaard, DTI/TINV
- 09:15 – 09:25 **Welcome speech by INTERREG Secretariat**  
by Lise Espersen Interreg IVB North Sea Secretariat, Viborg, DK
- 09:25 – 10:00 **Roadmap, Projects and Future Plans of the European Green  
Cars Initiative PPP**  
by Beate Müller, Ph.D in physics, from the Humboldt university in Berlin, VDI/VDE-IT
- 10:00 – 10:20 **A real life perspective on EVs from a private EV owner**  
by Steen Frederiksen, Private Renault Fluence Z.E. owner, Denmark
- 10:20 – 10:40 **Why do we find EVs interesting – and why have we not yet  
included them in our fleet?**  
by Søren Tscherning, Managing Director of G. Tscherning



European Union



The European Regional Development Fund



e-mobility NSR



The Interreg IVB  
North Sea Region  
Programme



DANISH  
TECHNOLOGICAL  
INSTITUTE

Danish Technological Institute

Your Guide on the  
Road to E-Mobility

**Lars Overgaard**  
Program Manager, Sustainable Transport



## STATUS

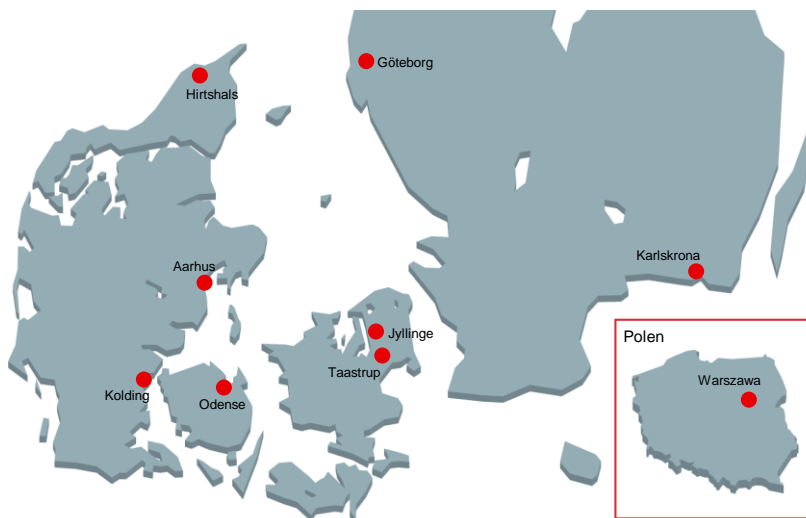
An independent, non-profit institution  
Approved as a technological service institute by the  
Danish Ministry of Science, Technology and Innovation.

## OBJECTIVE

The objective of the Danish Technological Institute is to address the needs  
of the industrial sector and society as a whole through the development and  
dissemination of technological innovation.



## LOCATIONS



## DIVISIONS AND CENTRES

### BUILDING TECHNOLOGY

Concrete  
Building Processes  
Indoor Climate and Humidity  
Masonry and Building  
Components  
New Industrialisation  
Swimming Pool Technology  
Timber and Textiles

### MATERIALS AND PRODUCTION

Materials Testing  
Micro Technology and  
Surface Analysis  
Metrology and Quality  
Plastics Technology  
Production Development  
Tribology

### ENERGY AND CLIMATE

Energy Efficiency and  
Ventilation  
FEM-Secretariat  
Installation and Calibration  
Refrigeration and Heat  
Pump Technology  
Sewage Centre  
Renewable Energy and  
Transport

### PRODUCTIVITY AND LOGISTICS

Automobile Technology  
Packaging and Transport  
Production  
Productivity  
Robot Technology

### LIFE SCIENCE

Food Technology  
IT Development  
Chemistry and Water  
Technology

### BUSINESS DEVELOPMENT

Policy and Business  
Development  
Human Resources Development  
Creativity and Growth  
Technology Partnership

### TRAINING

IT Training  
Conferences  
Leadership and Management  
Training

### INTERNATIONAL CENTRE



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## Networking engagement in the area of electromobility

- DTI coordinates all land/road transport activities in the national Transport Network – [www.TINV.dk](http://www.TINV.dk)
- DTI coordinates all activities in the national Renewable Energy Network - [www.VE-Net.eu](http://www.VE-Net.eu)
- DTI is represented in a number of standardization committees
- DTI is member of the The Danish Electric Vehicle Alliance - <http://www.danskelbilalliance.dk>
- DTI is in close cooperation with Danish Authorities



[WWW.TINV.DK](http://WWW.TINV.DK)

Transportens  
Innovationsnetværk

Skriv søgeord

Home Om os Aktiviteter og Netværk Arrangementer Projekter i TINV Matchmaking/Støttemuligheder English

**Kalender** [Se alle](#)

E-Mobility in the North Sea Region - experiences and recommendations for development for current and future EV users\*  
7. marts 2013

Gren trafik 2013  
18. marts 2013

**Nyheder** [Se alle](#)

Nyt nationalt netværk for Gas i Transport er en realitet

**Bliv medlem af et netværk**

Ønsker du at modtage information om arrangementerne i de forskellige netværk under TINV kan du tilm... [Læs mere](#)

**Tilmeld dig arrangement**

Ønsker du at tilmelde dig et af TINV's kommende arrangementer kan du finde listen over konferencer... [Læs mere](#)

## EV Project: Try an electric car

- Demonstration project with 13 EVs
- 8 EVs lend out to private families for 3 month periods
- By end of 2012 >100 test families.
- User acceptance focus.
- Full transparency – Public blog.



[www.elbilforum.dk](http://www.elbilforum.dk)

ELBILFORUM PRØVIELBIL PROJEKTET NYHEDER OG PRESSE BLOG ELBILKLYNGE

Blog forside Min profil Seneste indlæg Sådan gør du Seneste indlæg Nyeste indlæg

Nveste Mest viste Højest rating

25-10-10 17:05 | **Elbil på værktøds igen**  
 Nå, vores lille elbil skal endnu en tur på værktøds, denne gang er det batteriet det er galt med, altså det eneste der, åbentbart, ikke blev skiftet/tekket sidst den var afsted, selvom der er blevet foretaget det der halvårige tjek. Vi har fået...  
 Af [linea](#) | 7 Visninger | 0 | ★★★★★

25-10-10 15:36 | **For lidt kilometerantal i en opladning**  
 I dag skulle jeg lidt længere end blot til Hedensted og retur, idet jeg på hjemvejen skulle via Skanderup og Horsens, og det var altså mere end en fuld tank kunne klare (inden for de billige 25%), selv om det tilsammen kun blev til 68 km. Der...  
 Af [DAMSGAARD](#) | 10 Visninger | 1 | ★★★★★

24-10-10 18:01 | **Kold, kold dobbeltmur**  
 Med elbilen opladet til 97% kapacitet kørte vi her i eftermiddag fortrækningsfuldt mod Forum Horsens for at se Flying Superkula! Temperaturen udenfor sagde 7 grader, så vi tændte for varmen i bilen, så det kunne blive en hyggelig og varm køretur...  
 Af [gittepinholt](#) | 13 Visninger | 1 | ★★★★★

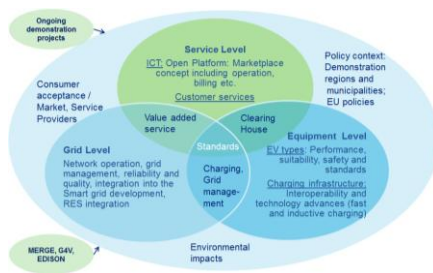
24-10-10 13:24 | **Bytte bil**  
 Jeg bytter gerne vores C1 bil ud for denne Nissan Den har ihvertfald den batterikapacitet som flere af os efterlyser. Se nærmere her: <http://beep.tv2.dk/entry.php?id=386477.html>  
 Af [KimErfurt](#) | 14 Visninger | 0 | ★★★★★

23-10-10 16:21 | **Opgiver snart**



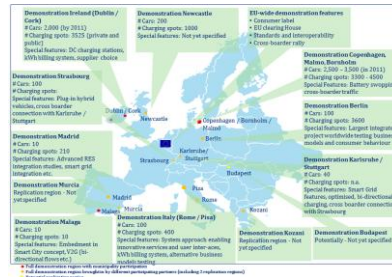
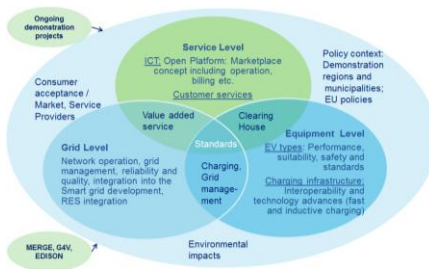
## EV FP7 Projects: Green eMotion

- EC FP7 Demonstration project with total budget of app. 40 mil. Euro lead by Siemens
- 40 partners involved incl. Renault/Nissan, BMW, Daimler, Siemens, Bosch, IBM, SAP, Better Place, AREVA and a range of utilities covering 65% of the European energy supply



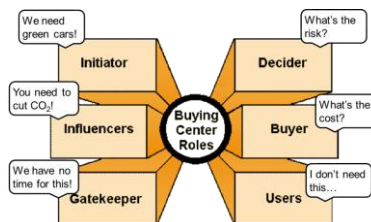
## EV FP7 Projects: Green eMotion

- DTI was commissioned to secure a strong regional representation in the pan European project
- DTI is responsible for EV & battery testing, Safety and Education



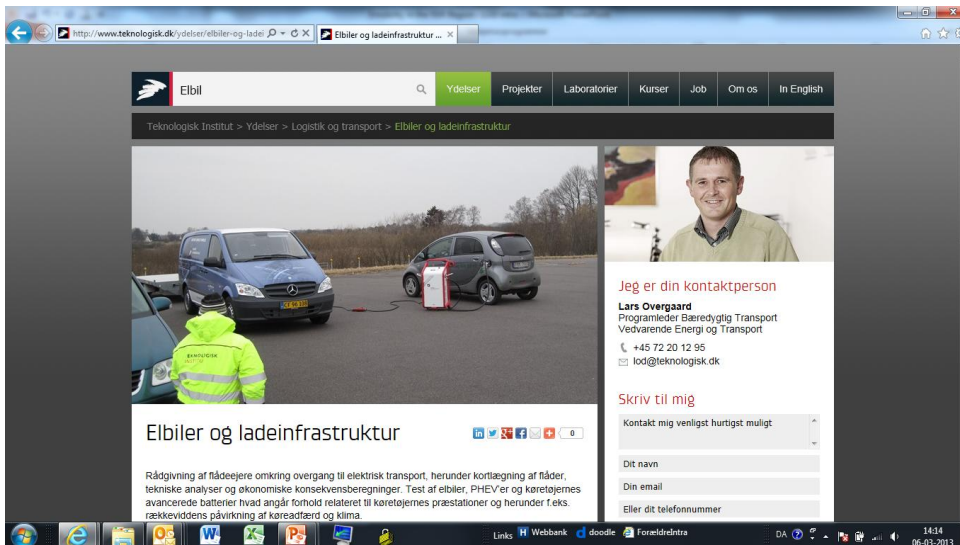
## Which services do we offer?

- Fleet mapping with CAN and GPS** - gathering data for location, speed, driving duration, idling time, engine temperature, engine speed, fuel consumption etc.
- Green Calculator** (developed by DTI for the Danish Traffic Authority) can be applied to feasible customer based duty cycle and calculate fuel cost, CO2 emissions, need for charging infrastructure etc.
- TCO Calculator** (developed by DTI for the Danish Electric Car association).
- Vehicle and Battery testing** on the road or in our stationary and/or mobile laboratories.





Find us at [www.DTI.dk](http://www.DTI.dk)  
Find os på [www.teknologisk.dk](http://www.teknologisk.dk)



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- 10:40 – 11:10 **Coffee break**
- 11:10 – 11:40 **An EV fleet operator's experience with Evs**  
*by Steen Olsen, Climate consultant, the municipality of Høje Taastrup, Denmark*
- 11:40 – 12:10 **Barriers for EVs in the public sector**  
*Jens Larsen, Climate Coordinator, The municipality of Greve, Denmark*
- 12:10 – 13:00 **Lunch**



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- 13:00 – 13:30 **Should public organisations be first movers on Evs**  
*by Frank ten Wolde, Rijkswaterstaat, The Netherlands*
- 13:30 – 14:15 **Results from two demonstration projects focussing on large scale real life EV user experiences**  
*by Alexander Schou Nielsen, Clever, "Test an EV" and  
by Kjeld Nørregaard, DTI, "Prøv1elbil"*
- 14:15 – 15:15 **Panel debate with**  
*- Speakers of the day, and  
- Representatives from The Capital Region of Denmark and FDM  
Moderator: Lars Overgaard, DTI/TINV*
- 15:15 – 15:45 **Coffee break**





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**Panelists:**

Jens Larsen	Climate Coordinator, The municipality of Greve
Steen Frederiksen	Private Renault Fluence Z.E. owner
Steen Olesen	Climate consultant, the municipality of Høje Taastrup
Kjeld Nørregaard	Program manager, Electromobility, DTI
Camilla L. Jensen	The Capital Region of Denmark
Torben Kudsk	FDM

**Moderator:**

Lars Overgaard	Program manager, Sustainable Transport, DTI and Scientific Coordinator, TINV
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- 15:45 – 16:15 **What do potential EV buyers need to know?**  
Interactive workshop in which participants in the conference are asked to contribute with recommendations for development of an E-Mobility Information Centre based on the learning's from the day  
Moderator: Daniel La Cour, Senior Specialist, COWI
- 16:15 – 16.30 **Conference wrap-up by moderator and closing words**  
by Lars Overgaard, DTI and  
by Steen Olesen, Project lead on the e-mobility NSR



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