



NORTH SEA REGION ELECTRIC MOBILITY NETWORK

e-mobility NSR

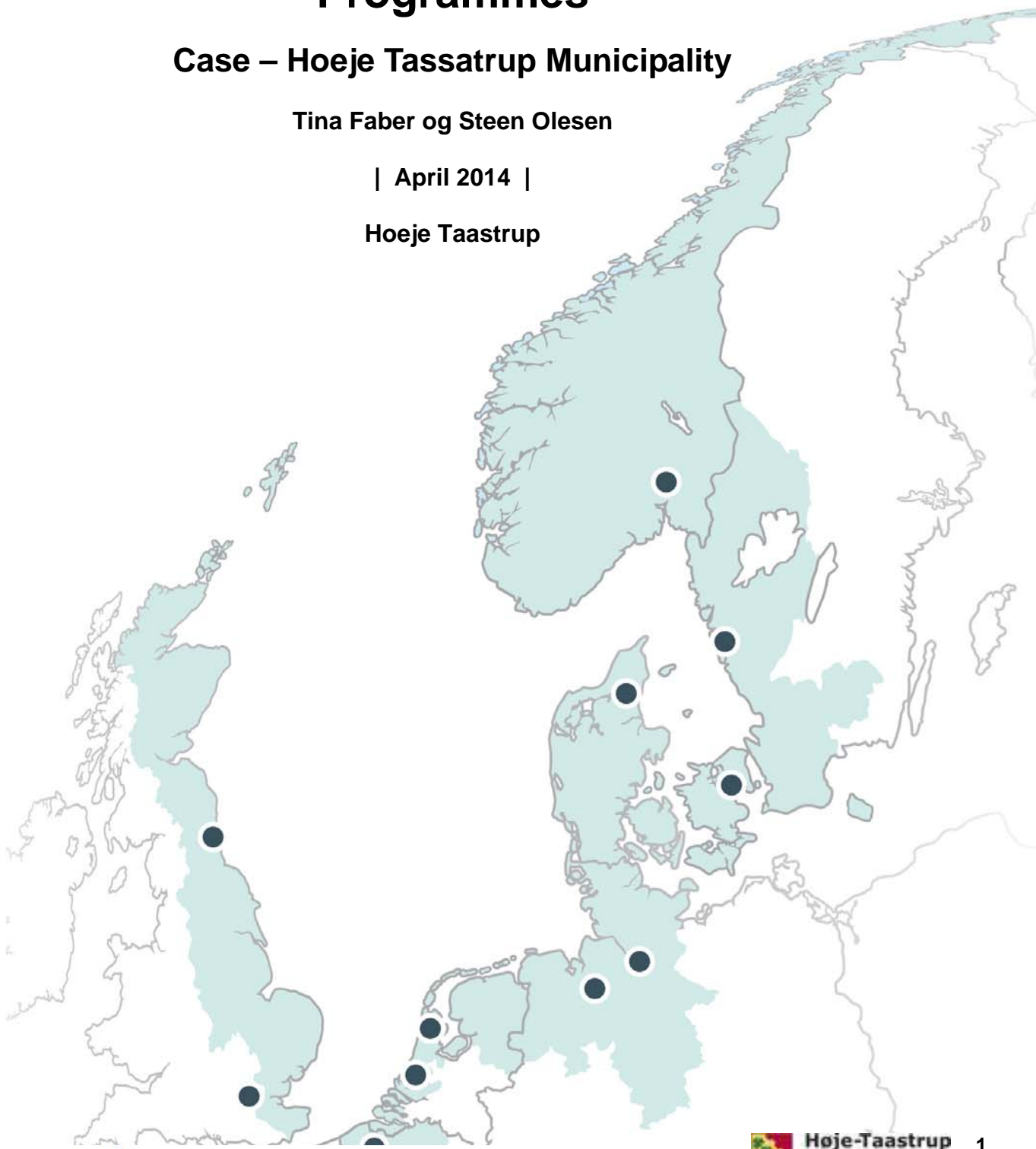
# E-Mobility Integration into Plans and Programmes

## Case – Hoeje Taastrup Municipality

Tina Faber og Steen Olesen

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Hoeje Taastrup





# E-Mobility Integration into Plans and Programmes

**First of all this memo is to describe a local planning procedure and how the Municipality of Hoeje Taastrup integrates and paves way for e-mobility solutions on an administrative level. Furthermore, this memo is to sum up how e-mobility solutions for heavy transport may be integrated with the local centre of transport and logistics in Hoeje Taastrup.**

Today e-mobility plays a vital role in terms of municipal planning. The Association of Danish Transport and Logistics Centres in the following FDT and the Municipality of Hoeje Taastrup (HTK) have teamed up to depict how e-mobility solutions may be integrated into municipal planning in Denmark with particular focus on the coming district plan in Hoeje Taastrup for 2014, in terms of local growth- and policy approaches.

In 2008 the City Council in HTK decided on a growth strategy for the period of 2010 to 2022 with the aim to reduce the use of fossil fuels and increase the use of renewable energy resources and to become CO<sub>2</sub>-neutral within this period of time.

So far the climate efforts of HTK have been successful. From 2008 to 2012 the CO<sub>2</sub> emission within the municipality as such, was reduced by 15 %, and the municipality as a company experienced a reduction of 24 %.

As part of the local climate plan for 2009-2013 a wide range of initiatives were carried out, among others;

- Energy renovation of houses
- Increasing the number of EVs in the HTK car fleet
- Screening and establishment of wind mills in city areas
- Establishment of a new CO<sub>2</sub> neutral urban area called - Nærheden.
- Conversion to district heating



In order to keep up the good work towards a CO<sub>2</sub>-neutral/fossil free municipality, it has been politically decided to draw up a "Climate Plan 2.0" which will help ensure a continuous systematic and efficient planning and implementation of the above initiatives. This Climate Plan 2.0 is expected to be approved in 2014.

In particular our efforts on transportation made us stand out. In the field of e-mobility Hoeje Taastrup municipality has already contributed with a mobile EV exhibition and a non-biased web site [www.elbiler.nu](http://www.elbiler.nu). This web portal forms part of a wider activity of communication and EV awareness-raising that include calculators, EV tests and supplier data base.

The municipality of Hoeje – Taastrup will play a leading a leading role as to show how a municipality may back an even more rapid transition to a fossil free energy supply in the fields of electricity, heat- and transportation. This effort supports the national policy within energy- and climate where the objective is to make Denmark independent of oil, coal and natural gas in the year 2050. We are to develop a complete catalogue of initiatives for energy efficiency improvements in private housing and housing companies, selected companies and local buildings. A pilot within LED- street lightning will be made. The potential for expansion with solar cells and other sustainable energy sources must be identified. Furthermore, we aim to focus on intelligent energy consumption in terms of high-tech energy meters in local buildings. The district heating supply will undergo changes in terms of generating local and regional energy planning strategies. Finally, we are planning a specific catalogue of initiatives to promote fossil free transportation – aiming at public and private transport patterns and heavy transport.

Is it possible to turn HTK into a greener municipality through a cost efficient accelerated transition into fossil free energy consumption?

Being the centre of trade and transport HTK is one of the Capital Region's largest municipalities with excellent traffic connections in terms of high-ways, regional trains, Intercity, subway and metro trains, HTK is also the traffic centre for heavy transport and the largest transport and logistics centre within the Capital Region.

This is why HTK is a central player in terms of analyzing, estimating and demonstrating future fossil free solutions within a Danish municipality. FDT and HTK are planning a specific catalogue of initiatives to promote fossil free transportation – aiming at heavy transport. Furthermore, we are see opportunities to promote fossil free city logistics solutions.

Overall aim is to re-think the current infrastructure and business case for fossil free transport in-/and out of Hoeje Taastrup and the companies based in the local Transport- and Logistics Centre. Technical and economic analysis together with capacity assessments of future possibilities of heavy transport will be carried out. These findings will be of vital importance both internationally and nationally speaking. All results may be distributed via EUROPLATFORMS – FDT.

Finally, HTK is planning to extend the range of EVs at the City Hall premises with 50 %. Today HTK hold 10 EVs in their car fleet and especially the Health and Home care services are eager to use the EVs. HTK is currently testing a wide range of different EVs and e-bikes. HTK has carried out numerous activities to promote EVs to local citizens and companies. It is our aim to focus on local companies with a particular interest and need for EVs on a daily basis. HTK's mobile EMIC is perfect for this task and is ready to visit both companies and other Danish municipalities. The mobile EMIC will be present at the coming "Folkemøde"/People's Meeting at Bornholm this June.



All of the above initiatives will strengthen climate efforts in Denmark, and will no doubt make a difference worldwide. In Høje Taastrup these initiatives will have a noticeable impact on local citizens, companies and the municipality as a whole. It is a major challenge to transform Denmark into a fossil free society by 2050, but we are ready to meet the challenge and start creating a "greener" country for future generations.

#### Details of the author:

*The project in Høje Taastrup is set to run from the January 2014 – July 1, 2015 and will be carried out in close corporation with neighbouring municipalities, utility companies, consultants, scientific institutions and housing companies. Currently, experience, knowledge sharing and results will be introduced on conferences and seminars.*

## About E-Mobility NSR

The Interreg North Sea Region project North Sea Electric Mobility Network (E-Mobility NSR) will help to create favorable conditions to promote the common development of e-mobility in the North Sea Region. Transnational support structures in the shape of a network and virtual routes are envisaged as part of the project, striving towards improving accessibility and the wider use of e-mobility in the North Sea Region countries.

[www.e-mobility-nsr.eu](http://www.e-mobility-nsr.eu)

## Contact Author(ing team): HTK/FDT

### Institution

**The Municipality of Høje Taastrup**

### Name

**Tina Faber/Steen Olesen**

### Detailed address

**Bygaden 2, 2630 Høje Taastrup**

### Phone

+45 30202031

### Email

[steenole@htk.dk](mailto:steenole@htk.dk)

[tinafab@htk.dk](mailto:tinafab@htk.dk)

## Contact Lead Partner:

Hamburg University of Applied Sciences  
Research and Transfer Centre "Applications of Life Sciences"  
Prof. Walter Leal  
Lohbruegger Kirchstrasse 65  
21033 Hamburg  
Germany

Phone: +49-40-42875-6313

Email: [e-mobility@ls.haw-hamburg.de](mailto:e-mobility@ls.haw-hamburg.de)