

Energimyndigheten/Swedish Energy Agency
 Department for Research and Innovation
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Trafikdage 2019
 Special session proposal

Deployment of charging infrastructure – the case of the Nordic countries and the role of public actors

Electrification is a key technology to decarbonize the transport system and the Nordics is a pioneering region in the field of electric mobility. The top-three market shares globally are found here, and the Nordic region has one of the highest ratios of plug-in electric vehicles per capita in the world (IEA, 2018).

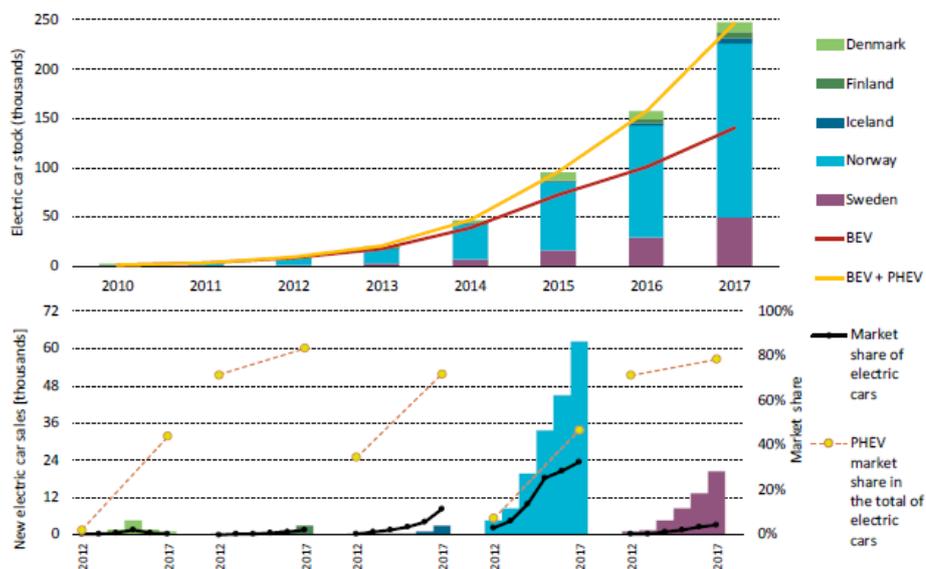


Figure 1. This figure is found in the IEA publication *Nordic EV Outlook*, which was published last year. The figure visualises the significant growth of stock but also the market share of new-sales where Norway, Iceland and Sweden are the top-three markets globally.

Apart from more or less favorable national policy framework for plug-in electric vehicles in the Nordic countries, one contributing factor to the accelerated deployment of plug-in electric vehicles have been the active role of some Nordic cities and the municipalities. The aim of the session is to invite three to four

Nordic cities and present their experiences with promoting the use of plug-in electric vehicles and facilitating the deployment of charging infrastructure.

Our suggestion is that the Swedish Energy Agency acts as chairman for the session and frames the session with a broader global outlook and then zooms in on the Nordic perspective. This session is proposed by the Swedish Energy Agency as a part of the project Sustainable Nordic cities with focus on climate-smart mobility, which is a project within the Swedish Presidency of the Nordic Council of Ministers. During the CEM-9/MI-3 meeting in Copenhagen and Malmö in May last year, the project arranged a similar session with Copenhagen, Oslo, Stockholm and Malmö. <http://www.energimyndigheten.se/klimat--miljo/transporter/transporteffektivt-samhalle/hallbara-nordiska-stader-med-fokus-pa-klimatsmart-mobilitet/aktiviteter-och-dokumentation/charging-infrastructure-in-nordic-cities/>

This session aims to present case studies from Nordic cities, which are not necessary the capitals, but with cities which has gained momentum to work with plug-in electric vehicles from permanent or temporary local policy windows. The local incentives vary across the Nordic region and the speakers will be asked to present their work, both practically and strategically, and participate in a joint discussion about the conditions for Nordic cities to act and contribute to the decarbonization of the transport system.

The Swedish Energy Agency have raised interest from Nordic cities to participate and contribute to this kind of discussion. For example, Aarhus in Denmark, Trondheim in Norway, Reykjavik in Iceland.

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