

Incentives and actual cost calculations for electric transport in Nordic countries

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ABOUT THE PROJECT

In order to meet political aims of increased sales of electric cars in the Nordic countries, different consumer incentive practices are widespread. The INTELLECT project provides an overview and a comparison of the incentives in all Nordic countries for electric vehicles.

THE OBJECTIVE

The project objective is to map available incentives in the five Nordic countries, as well as Greenland and the Faroe Islands. The project also looks into specific city incentives. The second objective is to develop an online user-friendly calculator for easy cost comparison between different types of vehicles.

THE RESULTS

The outcome of the project is a support tool for all interest groups working in the field of electric cars and

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alternative fuels. It is also a useful tool for vehicle manufacturers in order to see how aggressive most of the Nordic governments have been in providing incentives for environmentally friendly vehicles. The calculator is available in all Nordic languages at www.orkusetur.is/intelect.

Regarding policy, the project gives an overview of what all Nordic governments have initiated to stimulate the sales of electric/environmentally friendly vehicles. It is evident here that the strong Norwegian incentives have had a drastic impact on the electric vehicle market, as no other country has the same share of battery electric vehicles. Evidently, if there is a strong interest to support the market, then it can be achieved by providing aggressive incentives.

The findings of the project can be used in different segments of the society. The public can use the calculators to attain a visual display of the difference in cost by shifting

from conventional vehicles to electric or other environmentally friendly fuels. In the same manner, companies and institutions can evaluate the implications of shifting to an environmentally friendly fuelled car fleet.

It is important that both national and municipal governments work together. This has also been the case in Norway and has definitely impacted the success of battery electric vehicles. The INTELLECT project team will continuously update the data and matrices during the next couple of years to keep the information alive, as otherwise the work will be obsolete in a relatively short period of time due to the rapid changes of political incentives.

PROJECT PARTNERS

Icelandic New Energy (IS), VTT Technical Research Centre (FI), Grønn Bil (NO), Nukissiorfiit (GL), SEV (FO), Orkusetur (IS), Danish Energy Association (DK) and AF Industry (SE).

