

# COMPETT

## COMPETITIVE ELECTRIC TOWN TRANSPORT

[www.compett.org](http://www.compett.org)

Although electrified vehicles have existed for years, the number of such vehicles in practical use is most limited compared to the number of internal combustion engine vehicles (ICE). The objectives of this project is the reduction of CO<sub>2</sub>-emissions by increased use of electrified vehicles through better knowledge of the barriers against and potentials for electrified vehicles, including reduced road traffic noise. Fully electric vehicles, plug-in hybrid electric vehicles, fuel-cell hydrogen vehicles and electric two-wheelers have different functionalities and may face different barriers and potentials. Important questions are:

- How can electrified vehicles come into use to a greater degree?
- What are the most likely niches for electrified vehicles?
- What kind of electrified vehicles can most easily become alternatives to internal combustion engine vehicles?
- How can different kinds of electrified vehicles be applied for different kinds of trips?

Austria, Denmark and Norway participate in the project with a total of five partners representing research, local authorities and businesses. The COMPETT project will shed new light on the appropriate role of the government in the take-off stage and the creation of a self-sustaining market for e-vehicles. The project will use travel surveys, local case studies, consumer surveys, statistics and market information together with economic assessment tools as inputs into the Serapis market uptake model. The model allows the project to generate estimates of the potential for electrification in the regions studied in the cases, in the partnering countries and in Europe as a whole, under different scenarios of market development, policies and incentives. COMPETT's recommendations will address the different role of the different stakeholders or actors. Finally the consequences is investigated and the results are summed up in a comprehensive report and a practical guideline handbook on Electromobility.

### PROJECT DATA

Funding/€	Total cost/€	Duration
1.433.764	1.433.764	36 months

Partners	Transportøkonomisk Institutt, NO Danish Road Directorate, DK Austrian Energy Agency, AT Buskerud University College, NO Kongsberg Innovasjon AS, NO
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THE MITSUBISHI I-MIEV VEHICLE SHOWN WAS THE FIRST EV TO REACH A SALES VOLUME OF 1000 IN NORWAY. THE BUILDING IN THE BACKGROUND IS THE TOWN HALL IN OSLO, NORWAY'S CAPITAL. OSLO IS HOME TO THE LARGEST EV FLEET IN THE COUNTRY.