

CopenhagenElectric

EV initiative launched by The Capital
Region of Denmark

Head of EV secretariat, Kåre Albrechtsen
Copenhagen Electric – the regional EV secretariat

A leading Electric Vehicle Region

Our vision

- To become a leading electric vehicle region in Europe

Our Mission

- We contribute to a transition to electric vehicles in the capital region through knowledge sharing and communication, and by bringing together the parties in the capital region on the development of projects that promote electric vehicles

Purpose of the EV secretariat is to promote market uptake of EVs

Main activities of the EV secretariat are:

- Establishing EV partnerships
- Initiating EV projects
- Fundraising and co-funding
- Networking
- Advising EV entrepreneurs

To achieve these end the EV secretariat will:

- Cooperate, communicate and connect

Fleet analysis of potential of substitution with EVs in public fleets

- Task force visiting municipalities, the Region and public hospitals
- EUR 0.6 million allocated to fleet analyses
- Identification of fossil fuel cars that can be substituted with EVs based on mobility patterns
- Analyses of TCO and CO2-reduction potential
- Development of plans for replacement of fossil fuel cars with EVs
- Organizational support for deployment of EVs

Region Hovedstaden



Key figures for the Capital Region of Copenhagen

- 29 municipalities
- 31% of all inhabitants in Denmark (1.72 million)
- 27% of all light duty vehicles (LDV) in Denmark (722.165, Dec. 2012)
- 54% of all EVs in Denmark (797, Nov. 2012)
- 0.1% of all LDV are EVs

With an EV range of 100 km:

- 85% of all commuters can use EVs
- 95% with workplace charging
- 70% of all commuters live in detached houses

Target for EVs in the region of Copenhagen

- By 2015, 25 % of all light duty vehicles in public fleets are EVs, and
- The total number of EVs in the region reaches 12.000

Danish Government's Strategy for energy efficient vehicles

- DKK 40 million (EUR 5.4 million) EV purchase incentives in 2013-14
- Support to 3-4 EV partnerships
- Including public entities and private companies
- Priority to projects that ensure max deployment and usages of EVs

The secretariat's EV partnership

- Partnership with municipalities, companies, power utilities, e-mobility providers, charging infrastructure providers, car manufactures, etc.
- Target to receive DKK 10-20 million (EUR 1.3-2.7 million) in support
- Purchase incentive of EUR 2,600-4,000 per EV
- Coordinating purchase of 500-1000 EVs
- Low unit prices due to large volume of EVs and charging station
- Synergies, e.g. shared charging infrastructure and shared vehicles

Municipal target

- As a part of the climate action plan, the City of Copenhagen has set an ambitious target for deployment of EVs and FCV. By 2015, EVs and FCV constitutes 85% of the City of Copenhagen's fleet of light duty vehicle – corresponding to app. 500 vehicles. The City has today 100 EVs and 15 FCVs. The City claims to be able to achieve the target.

EV test project

- The Danish EV test programme Test an EV (managed by CLEVER) encompasses 198 EVs, being lent out to families for 3 months, before they are lent out to the next family (by April 2013, 1442 families have driven 3.7 million km in EVs and charged the vehicles more than 43.000 times)

Thank you

Copenhagen Electric

- the regional EV secretariat

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