



Greening European Transportation Infrastructure for Electric Vehicles

2010-EU-91117-M

Annual programme

Member States involved:

Denmark, Spain, Austria, Belgium, the Netherlands, Luxembourg

Implementation schedule

Start date: September 2010

End date: December 2012

Implementing body:

Better Place Denmark A/S (Coordinator), FCC Construcción SA, Verbund AG, City of Copenhagen, Elia System Operator S.A., Technical University of Denmark, Better Place Netherland B.V., Gemeente Amsterdam, Public Research Center Henri Tudor, DSB Kommerciel

Budget:

Action promoter: €4,950,000

Total project cost covered by this Decision: €9,900,000

EU contribution: €4,950,000

Percentage of EU support:

Studies and pilots: 50%

Additional information:

European Commission, DG MOVE
http://ec.europa.eu/dgs/transport/index_en.htm

Trans-European Transport Network Executive Agency (TEN-T EA)
<http://ec.europa.eu/tentea>

Beneficiary coordinator:

Better Place Denmark A/S
www.betterplace.com



This Action shall be an essential first step towards the mass deployment and availability of charging infrastructure for Electric Vehicles (EV) across the EU over the next ten years. It is a highly innovative project which combines "traditional" road transportation infrastructure, electric network infrastructure and Intelligent Transport Systems (ITS), contributing significantly toward a sustainable, economical and environmentally friendly transportation alternative within the European Union that relies exclusively on electric mobility (e-mobility).

The Action aims at analysing and testing the deployment of an integrated battery recharging and switching infrastructure that allows for long distance travels, modal shift with railways, integration of ITS, and sourcing of renewable energies. An extensive feasibility study, addressing conditions for service concepts, infrastructure requirements and network planning, along with three pilot projects in Denmark and in the Netherlands, shall constitute the framework for this approach.

The Action will specifically:

- Demonstrate what a pan-European e-mobility infrastructure and service provision could look like by identifying the conditions for a viable deployment of the EV service network into the TEN-T network from a consumer, governmental, Original Equipment Manufacturer (OEM) and service provider perspective.
- Identify conditions for further integration and up-scaling of this e-mobility infrastructure and service provision into the TEN-T network by developing a proposal for 'open access' infrastructure
- Contribute to important aspects of the TEN-T priorities by optimising existing and new infrastructure, promoting intermodality and deploying intelligent transportation systems
- Assist policy makers by providing them with insights and recommendations for future action, notably in the deployment of charging and switching facilities and related services into TEN-T infrastructures.

Please note that the present document is for information purposes only. Only the content of the individual Commission Decision (under preparation) can be considered legally binding.