

TEN-T Annual Programme

Member States involved:

Denmark, Spain, Austria, Belgium,
The Netherlands, Luxembourg

Implementation schedule

Start date: September 2010
End date: December 2012

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/transport>

Innovation and Networks Executive
Agency (INEA)
<http://inea.ec.europa.eu>

Beneficiary coordinator:

Better Place Denmark A/S
www.betterplace.com

Greening European Transportation Infrastructure for Electric Vehicles

2010-EU-91117-P



This Action will 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 Europe that relies exclusively on electric mobility (e-mobility). The Action aims at analysing and testing the deployment of an integrated battery charging 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, will 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 upscaling 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.

The project has been completed.

Innovation
and Networks
Executive Agency