

Amsterdam Electric Vehicle Charging Infrastructure

The Project:

Charging stations for electric vehicles were first considered by authorities in Amsterdam in 2005, with implementation starting in 2011 using government funding. By 2012, 100 charging stations had been installed, which rose to 650 in 2013 and is expected to reach 2000 in 2015 to allow for sufficient infrastructure to cope with the increase in uptake of electric vehicles.

These charging stations can be split into three separate categories:

- Charging poles
- Fast charging stations (80% charge in 20 minutes)
- Battery switch stations

The installation of this infrastructure formed part of the Amsterdam Metropolitan Area Electric (MRA Electric) project, aiming to coordinate all areas of electric vehicle usage in Amsterdam, from infrastructure implementation to end usage by both the public and private freight operators.

Current success

This project has already resulted in notable air pollution reduction, although the issue of illegal parking of regular diesel-/petrol-powered vehicles needs to be addressed.

