

E-FACTS

ELECTRIC VEHICLES FOR ALTERNATIVE CITY TRANSPORT SYSTEMS

E-FACTS aims at speeding up the uptake of EVs through a number of carefully chosen demonstrations of EVs for city distribution and passenger transport, together with public charging possibilities which also includes the issues of keeping even pace with a growing number of EVs, avoiding vandalism and still keeping accessibility for all citizens, making sure the electricity is green whoever delivers etc. The project will also promote other stakeholder to set up charging facilities at parking lots, garages, shopping malls, park'n'ride, airports etc according to the recommendations developed by the project. A fourth task is to analyse the incentives needed by drivers to adopt EVs and to investigate the carbon footprint and perceived risks like fires.

Arnhem will introduce 4 hydrogen-electric buses and one prototype trolley-bus with batteries, Frankfurt will set up a pool of commercial vehicles and Stockholm will set up a test fleet where companies may test EVs for about a week - a method that has shown very successful when introducing e. g. biogas vehicles. A few EVs will also be introduced in a car club to allow for private citizens to test EVs without having to buy one.

The evaluation where Frankfurt University of applied science have the largest role, will i. a. show how well the EVs fulfill the drivers' need in real life driving, how charging is utilised and if EVs influence driving behaviour. The conclusions will be used to reach potential new EV-users, to fine-tune future incentives and will be spread to other cities and also to governments and the EU Commission.

PROJECT DATA

| Funding/€ | Total cost/€ | Duration |
|-----------|--------------|-----------|
| 690.390 | 1.408.836 | 27 months |

| Partners | City of Stockholm, SE Frankfurt Economic Development, DE University of Applied Sciences Frankfurt, DE City of Arnhem, NL |
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>> REACH THE EV-USERS <<

