PROJECT

Mobi

The Mobi Charger, a novel mobile Electric Vehicle charging station that requires no installation costs, offers easy scalability and utility bill savings for users.

Funding: European (Horizon 2020)

Duration: Sep 2016 - Dec 2016

Status: Complete

Total project cost: €71,429

EU contribution: €50,000

CORDIS RCN : 207014

Objectives:

FreeWire’s Mobi is a novel, mobile charging station that brings the charge to the vehicle. Mobi’s charging infrastructure is easily scalable and uses on-board second-life EV batteries to create networks of grid-smart EV chargers. Mobi is capable of dual Level 2 and Level 3 Fast Charging, as is linked to a full-featured software platform. Each can add 60 km of range in half an hour. The mobility allows customers to avoid high infrastructure costs and underutilisation that plague traditional fixed charging stations, while also delivering a cost-effective solution to quickly scale up capacity. Deployments can be rolled out in days and EV drivers no longer have to waste time looking for an available charging station.

Parent Programmes:

H2020-EU.3.4. - Horizon 2020: Smart, Green and Integrated Transport

Institute type: Public institution

Institute name: European Commission

Funding type: Public (EU)

Lead Organisation:

Freewire Technologies Limited

Address:
20-22 Bedford Row
London
WC1R 4JS
United Kingdom

EU Contribution: €50,000

Partner Organisations:

Sia Emi Electronics

Address:
AKMENU IELA 47 OGRES NOVE
OGRE 5001
Latvia

EU Contribution: €0

Technologies:

Electric road vehicles
Hardware and software solutions for EV network

Development phase: Implementation

STRIA Roadmaps: Transport electrification

Transport mode: Road transport

Transport sectors: Passenger transport, Freight transport

Transport policies: Environmental/Emissions aspects

Geo-spatial type: Other