



everest: test bed for second life batteries

*KEITH BEVIS – EVALU8 TRANSPORT INNOVATIONS*

# DECC Energy Storage Technology Demonstration



everest: Electric Vehicle Embedded Renewable Energy Storage and Transmission

Control Systems, design, construction, test and development.

Technical lead, back office integration and programme management.

Recharging network provider and Consortium lead

Power electronics supplier, power conditioning and monitoring equipment

Cell integrator and battery specialist, battery build and test.

EV charging equipment provider



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# The Current Market and Future Launches



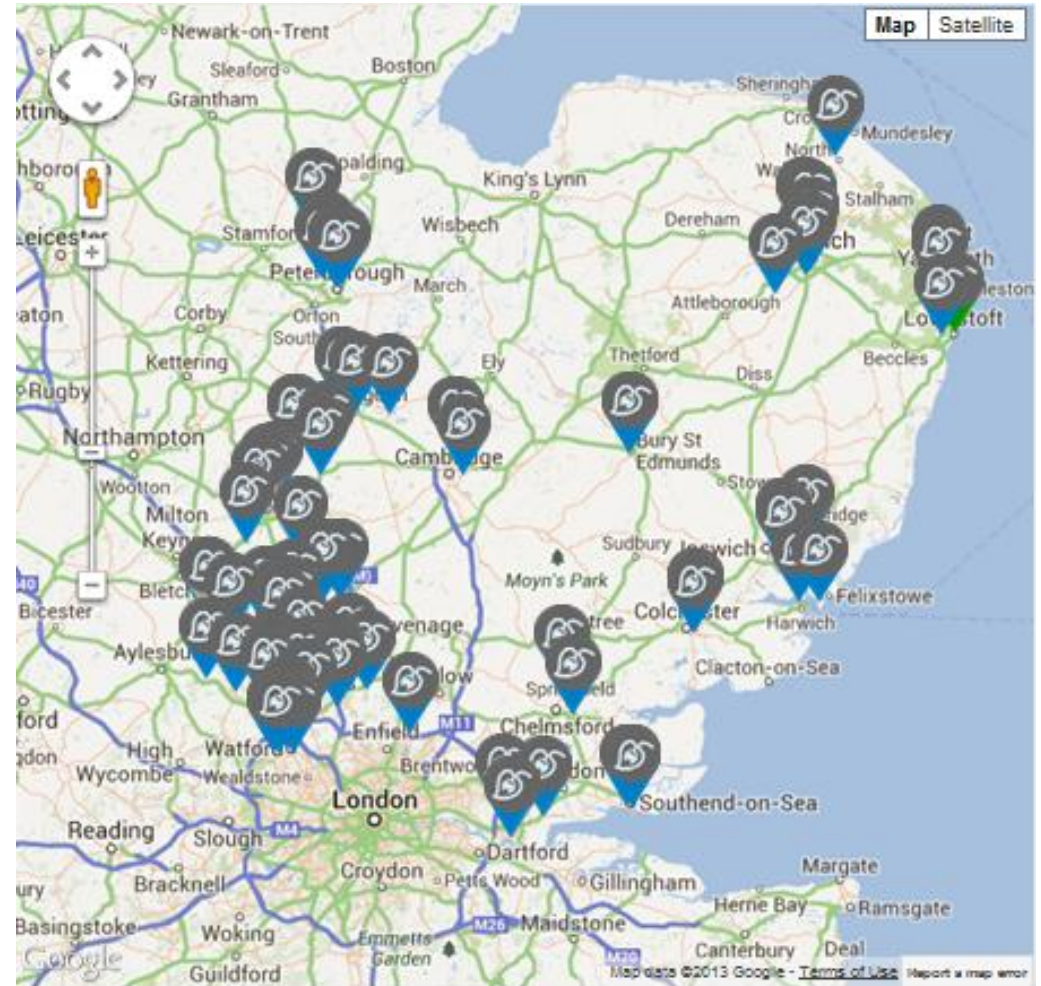
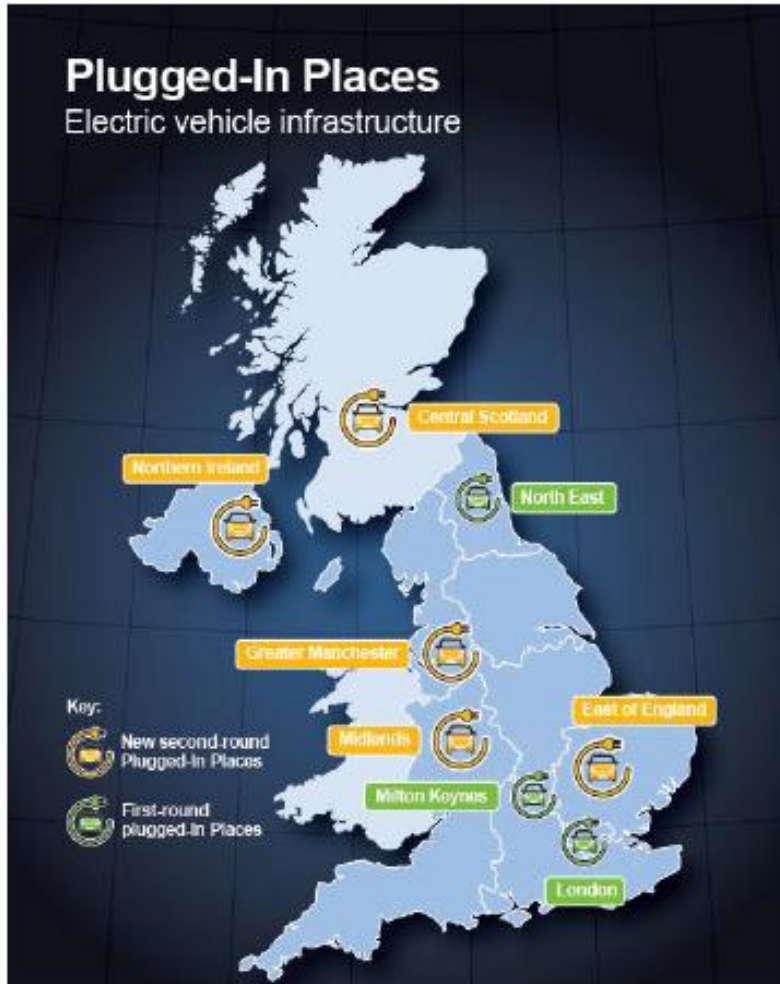
RENAULT UK MARKETING

April 2013

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# Networks



# The slow, the fast and the rapid (30 minute) charge



DC Chademo  
50kW

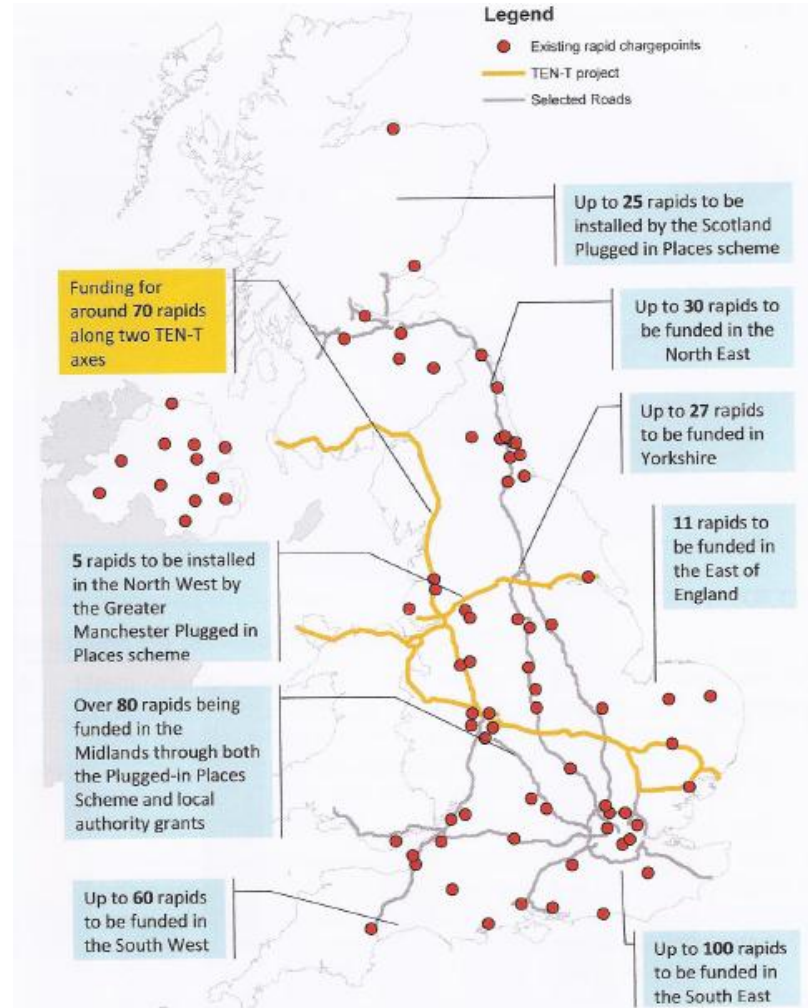


AC/ DC Type 2  
Chademo  
50kW

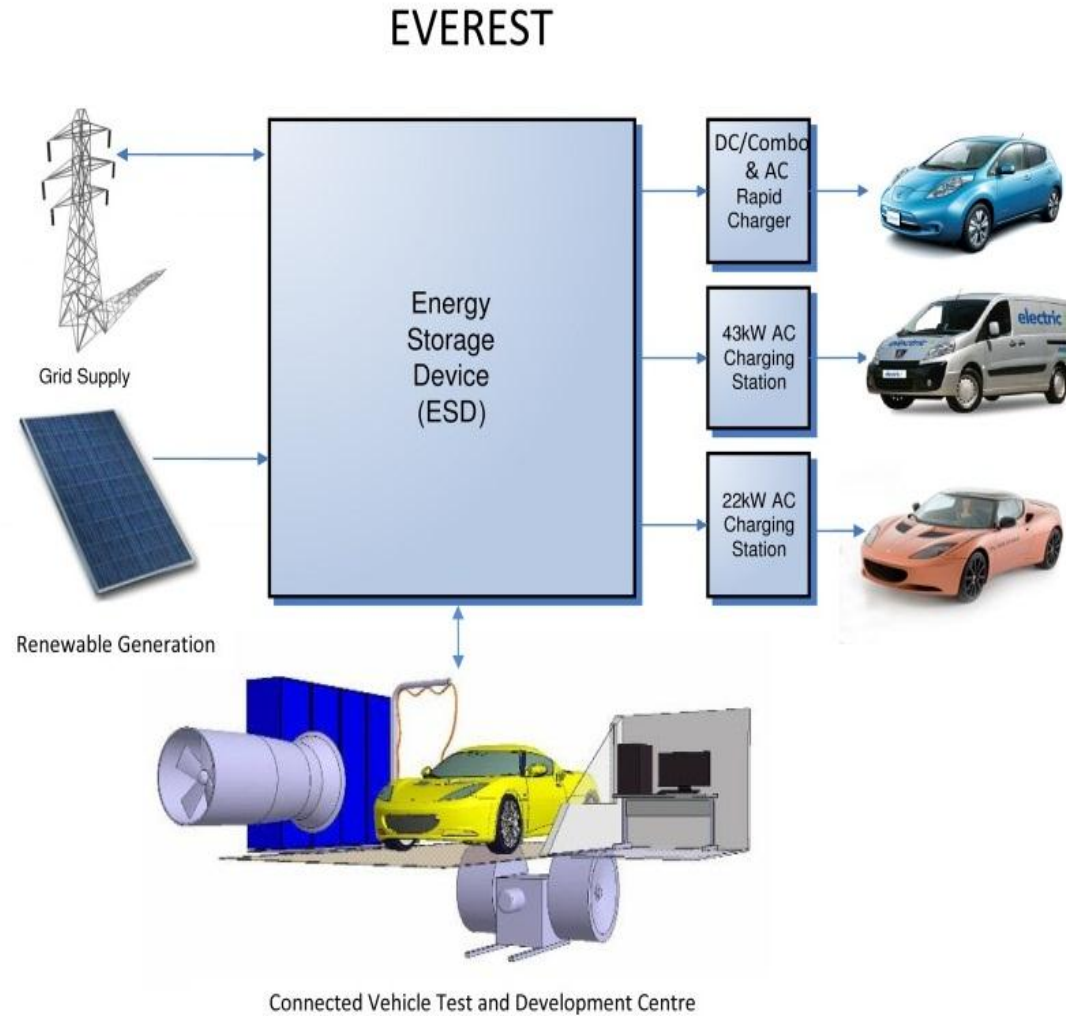


AC/ DC Type 2  
Chademo/ Combo2  
50kW

# Plans for rapid chargers



# The concept



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# Where we are





# Post demonstration



## Learning:

- Provenance
- Design constraints

## Commercialisation;

- Early sites
- Production equipment

## Ongoing data collection:

- Secure, managed automotive test site
- Performance of second life batteries
- Variety of vehicle and charger configurations



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# Thank you

For further information please visit:

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