European Green Cars Initiative

Objective 1. Feasibility analysis and technological development of on-road charging for long term electric vehicle range extension

Professor Allan Hutchinson

Head of the Sustainable Vehicle Engineering Centre

arhutchinson@brookes.ac.uk **+44865 483504**

Our Expertise and experience
(working in multi-partner projects)

OXFORD BROOKES UNIVERSITY

Electric Vehicle Field Trials

- MINI E Project UK (€ 7.2M)

- EU E-Mobility Accelerator project

Recycling and Life Cycle Analysis

- Battery recycling with Axeon
- Future Recyclable Low Carbon Vehicle Structures (€ 5M)

Forecasting and Reports

- Whole Life Vehicle Waste Streams – A Global Perspective (DRIVENet)
- ELV legislation

DRIVENet

Scottish and Southern Energy

Composites and lightweighting

- Composite structures – design and analysis, optimisation – with **Bentley**
- Structural adhesive bonding of composites to themselves / other materials
- NVH treatments for autobodies – with **Ford**

Whole Life Vehicle Waste Streams - A Global Perspective

MIRA

Our Partners and those working with us

OXFORD BROOKES UNIVERSITY

A strong core to cover the work packages:

Delta Motorsport

delta motorsport

High performance electric vehicles

EDF Energy

ChargeMaster

Electric Vehicle Charging solutions

Siemens

Sycada Green

Telematics infrastructure to facilitate the introduction of electric vehicles

QualcommHalo

Wireless Inductive Charging for Electric Vehicles

What we are looking for:

We invite contributions from all organisations involved in EVC (from socio-economics to infrastructure) **to provide input and to possibly partner our bid**