Project ID	DIP035
Long Title	EV-elocity
Short Title	
Keywords	Small-scale; Multi-sector/Grid; Electricity; Transport; Virtual Power Plant; Vehicle-to-Grid; Electric & Hybrid Vehicles; Smart Transport Networks; Transport System Enablers; Energy Strategy Development;
Location (Town, Region, Country)	London		England
Latitude and Longitude	51.51N	0.15W	
OSGB code	TQ 288 804
Status	Ongoing
Start Date	2018
End Date	2020
Description	This project and our consortium of partners will focus on the business models which will enable the sharing of the value V2G can bring to the grid, local and regional businesses and of course the consumer. Ultimately, we are looking to define and test scalable business models that will link our technology (existing and new) to a range of new service models. Our partners are AT Kearney, Cenex, E-Car club, Warwick University, University of Nottingham, Honda, Slamjam, Nottingham City Council, Leeds City Council, Forward Utility and a mix of local SME's.

We will take an airport such as (Liverpool John Lennon Airport or Gatwick) as our primary demonstrator for 100 EV's connected and parked at the Airport and enable them through our technology to be used as an aggregated battery storage. The consumers of the vehicles will be able to monetise through the trading to the grid and our App will allow them full control of these parameters of trading. The output of the project is to help the current and future EV consumers' monetise their investment while accelerating the take up of EV's in UK through this trading monetisation. Our V2G solution will be EV carmaker agnostic and will inform the necessary scale from the 100 demonstrator to large-scale deployment across the country and Internationally. |
Sectors	Transport
Funding Sources	InnovateUK
Budget £	£5.6 million
Partners	A.T. Kearney, CENEX, E-CAR CLUB, Honda Europe, Leeds City Council, Nottingham City Council, SLAMJAM, Forward Utility , University of Nottingham, University of Warwick
Energy vectors	Electricity, Transport

Scale (lab/site /small/community/region/national)	Small
Technologies demonstrated	EV charging, vehicle-to-grid
Economic models demonstrated	Virtual power plant/market aggregation, grid services, new commercial models
Other concepts demonstrated	
Industry engagement	
Consumer engagement	
Project Reports (incl. links)	
Datasets (incl. links)	
Website/social media	http://www.v2g.co.uk/
Information sources	https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/681321/Innovation_in_Vehicle-To-Grid__V2G__Systems_-_Real-World_Demonstrators_-_Competition_Results.pdf