

possible solutions. It is expected that UKPN will develop Phase 2 of the project with other organisations based on the recommendations from Cold Start.

### **Vehicle To Grid Britain Report**

The aim of the Vehicle to Grid Britain project is to unlock an understanding of the key drivers supporting the roll out of vehicle-to-grid (V2G) technologies, enabling millions of electric car batteries to become a vital part of the UK energy system.

ESC provided modelling support in a consortium project that is studying how to reward drivers who use their electric car batteries to support the UK's power grid. The consortium consisted of Nissan Technical Centre Europe, ESC, Cenex, Western Power Distribution, National Grid ESO, Moixa and Element Energy.

The findings of the study will be used to help to assess how significant V2G revenues could be and the extent to which they could influence EV uptake within the wider market and policy environment.

### **Energising our Electric Vehicle Transition Taskforce (EVET)**

The EVET made 21 key proposals to government and industry, following an unprecedented collaboration including more than 350 organisations, to effectively manage the integration of EV within the energy system as we transition to electric vehicles.

EVET was jointly established by energy and transport ministers at the Prime Minister's Zero Emission Vehicle Summit in September 2018. The Low Carbon Vehicle Partnership was asked to convene and facilitate the work of the Taskforce, chaired by former ESC Chief Executive REDACTED

### **Energy Revolution Integration Service (ERIS), Part of the Prospering From The Energy Revolution Programme**

The UK Government is investing in research and industry to develop future smart energy systems through the Industrial Strategy Challenge Fund – Prospering from the Energy Revolution (PFER). This challenge will help businesses to expand local energy approaches and by the early 2020s, aims to prove that smarter local energy systems can deliver cleaner and cheaper energy services.

ESC played a central role within PFER through the Energy Revolution Integration Service (ERIS), providing expert guidance and support to selected projects, as well as collaborative opportunities for shared learning. The ERIS vision is to harness the PFER programme to enhance the business case for smart local energy systems as a pathway to decarbonisation through helping key stakeholders overcome barriers.

In collaboration with our stakeholders, ESC developed tools and methodologies that can help projects move closer to real-world implementation of concepts and demonstrators. ERIS is drawing on ESC's strong portfolio of Capabilities, Assets, and highly skilled people to fulfil its vision and help drive the PFER programme and projects forward. ESC is providing a consistent and coherent analysis of the maturity, risks, and benefits of the smart local energy systems and, as the programme progresses, ESC is also capturing lessons and insights from the programme, making these accessible to those who can influence change.

### **Local Energy Systems Scottish Industry Network (LESSIN)**

Local Energy Systems Scottish Industry Network (LESSIN) is a cluster-building initiative which brings together manufacturers, project developers, technology companies, innovation support organisations, knowledge communities, and investors to cultivate the low carbon ecosystem in Scotland, and beyond.