

LESSIN is led by ESC in collaboration with the Energy Technology Partnership (ETP), and on behalf of Scottish Enterprise and Highlands and Islands Enterprise. The project is part-funded by the 2014–2020 European Structural and Investment Fund.

Supported by LESSIN's new online collaboration platform, ESC, ETP and other innovation support organisations are working with Scottish industry to identify challenges and opportunities in delivering Local Energy Systems.

In addition, ESC has engaged in a range of grant funded projects and other programmes, for example:

- Establishment and coordination of the existing ISGAN UK National Team (as part of its role as Alternate Delegate to date), with representatives from academia, innovation and wider industry,
- Understanding of the UK innovation community, including large numbers of firms are active in the smart grid space. For example, our Supply Chain Network database includes over 1800 UK clean energy innovators,
- Mapping of UK innovators in various energy subsectors, as represented by our energy landscapes (including one for Digital Energy, Flexibility, Energy Storage, etc.): <https://es.catapult.org.uk/tools-and-labs/energy-launchpad/our-energy-landscapes/>,
- Strong connections with UK Network Operators and the ENA, as evidenced by Ofgem innovation funded work with UKPN, WPD and others,
- ESC has carried out multiple Digital Readiness work programmes with network operators such as Western Power Distribution (WPD) to support their visibility of data and challenges in access across their network,
- Strong links with the UK Mission Innovation secretariat, as evidenced by a secondment role within the team by our AD candidate,
- Strong engagement with the Strategic Investment Fund and Ofgem teams, including currently preparing several submissions to round 2. ESC has also recently closed an Innovation Challenge run by our Energy Launchpad programme focused on supporting SMEs bidding into the Strategic Innovation Fund,
- ESC supported the Demand Side Response project, FRED (Flexibly Responsive Energy Delivery) alongside Evergreen Smartpower and other partners. This project was provided as part of a BEIS grant fund and informed the consumer appetite for smart demand side response.

ESC's AD candidate, [REDACTED], will leverage the ESC's connections, but also personally has an extensive network in the smart grid space. For example, [REDACTED] recently completed a secondment to BEIS as the UK lead for Mission Innovation (MI) Green Powered Future Mission co-led by UK, Italy and China supported by 24 members that include MI member countries, industry, and international organisations. Her work at the Mission enabled her to work closely with the leadership of MI Green Powered Future Mission that also holds the leadership of ISGAN. In addition, [REDACTED] also worked closely with country representatives from MI member states such as Germany, Italy, Canada, Austria, India, Japan, etc. and organisational representatives from IEA, IRENA, World Bank, and global conglomerates and trade associations that are active members of the international Smart Grid community. She has created strong links to current and ongoing initiatives such as Green Grids Initiative, Global Power Systems Transformation Consortium, Glasgow Power Breakthroughs that strive to accelerate research and innovation in power systems and smart grids. [REDACTED] more recently presented at the European conference of Grid Service Market Symposium where many EU countries that are also members of ISGAN were present further expanding her network. During her secondment to BEIS, she also worked directly with x-HMG personnel responsible for policy making and commissioning innovation programmes in smart grid technologies and the UK incumbent organisations such as National Grid Group, Energy Networks Association and British Standards Institution, all of which are active members in the smart grid community.