

Smart Street

Dedicated website – No

Organisation webpage – Yes

Centralised portal – ENA Smarter Networks

Objectives/Success Criteria – Yes

Closedown/final report – Yes

Open-source data – Yes

Peer-reviewed academic output (Primary Subject / Referenced) - 0 / 0

Brochures/Case Studies/Videos – Yes

On-line major conference/event presentations - 12

Dissemination Event / Output available – 3 / 3

Follow-on project – No

Consumer Engagement

Consumer Participation – Yes

Consumer Feedback – Yes

Output Summary

Progress reports – Yes

Detailed and objective final report – Yes

Project method detailed – Yes

Performance to objectives detailed – Yes

Lessons learned identified – Yes

Policy/Regulation implications reviewed – No

Outcomes vs. Objectives/Targets

Performance to objectives – All achieved

Key Findings

- The deployment of a number of different technologies and the integration into a unified control system demonstrated that it is possible to safely use autonomous software to operate on the LV network to ensure optimal running throughout the day.
- Analysis of the data generated by the project has shown that implementing these techniques can provide a reduction of up to 10% in energy consumption on the LV network coupled with a reduction in HV losses of up to 15%. Optimising the LV network in this way allows the connection of LCTs without the need for traditional reinforcement.
- The project has demonstrated that customers in the trial areas did not perceive any changes to their electricity supply.