



## Showcase Scalloway, United Kingdom

# Fishing port investigates the advantages of a Smart Grid

Scalloway is a small fishing harbour situated in Shetland islands. The intensity and the large variety of activities in a relative small footprint make Scalloway Harbour a unique case study for the development of an energy monitoring strategy. The aim of the showcase is to gather energy data and use the findings to reduce/stabilise the harbour's energy, thereby increasing the sustainability of the Harbour.

In collaboration with the harbour authority and the local organisations, Pure Energy Centre® and Robert Gordon University are developing a set of criteria to be used for an effective monitoring of the energy consumption of the Harbour. At the same time, the large potential of renewables energy available in Scalloway



is under investigation, with the aim to assess the potential benefits in terms of economic value and CO2 emission. The showcase aim to increase the uptake of Renewable Energy in the harbour area by integrating the existing energy network with smart grid, virtual power plant and electric vehicles in order to generate a new sustainable energy management system for the harbour.

### Showcase contacts

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### More information

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