

WEST SUFFOLK

ASPIRING TO CARBON NEUTRALITY BY 2030

Building on successfully reducing energy consumption with local businesses, West Suffolk Council (WSC) joined the ACCESS project to further support the transition towards a smart energy system. If successful, this could be rolled out across the Eastern Power Network to meet long-term energy, growth and CO2 reduction goals. This will involve piloting smart energy solutions to develop a local smart grid. With peer-to-peer trading alongside improvements to energy efficiency, renewable energy, grid capacity constraints and balancing.

The pilot site is Mildenhall Industrial Estate, an important area due to its proximity to the Mildenhall Hub. WSC already owns some industrial units on the estate. There are photovoltaic panels already installed on several buildings, a result of the Solar for Business scheme.



THE TARGETS

WSC is aspiring to be carbon-neutral by 2030.

The pilot should engage up to 50 businesses and save 600,000 kWh and 250 tonnes CO2 a year.

Participating businesses should see a 15% improvement in their energy efficiency.

THE TIMELINE

YEAR ONE - PLANNING & RESEARCH

After establishing a baseline and engaging local stakeholders, procure the technical and commercial services needed.

YEAR TWO - PILOT TESTING

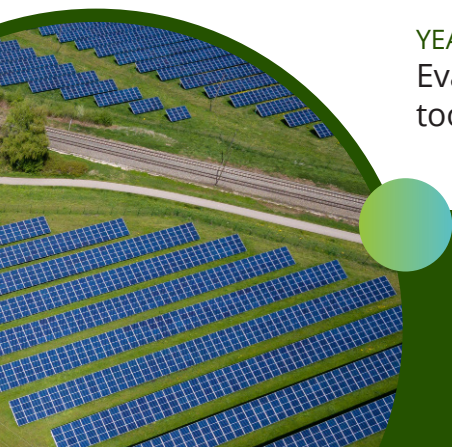
Launch the pilot offer to run for at least a year. Engaging 10 or more commercial organisations as part of the launch.

YEAR TWO/THREE - WIDER DEPLOYMENT

Assess the running pilot with respect to network performance, carbon reduction and cost-benefit to the participating businesses against business as usual.

YEAR FOUR - EVALUATION

Evaluate and share the outcomes of testing the smart grid development toolkit. Assess the potential to upscale across the Eastern Power Network.



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