



European Union
European Regional
Development Fund

Homes as Energy Systems



Homes as Energy Systems

Procure Plus are delighted to report that they have been successful in securing over £5m of what might be some of the last EU funding available to support delivery of a ground-breaking energy project in Greater Manchester (GM).

The 'Homes as Energy Systems' (HAES) project is costing in total £10.4m, with £5.2m being contributed by the European Regional Development Fund.

Led by Procure Plus, it brings together two GM social landlords and other regional institutions and businesses to overcome the energy 'trilemma' of growing electricity demand, increased intermittent renewable energy

generation and a local energy network already under stress, which the GM city region faces today.

In responding to the European Regional Development Fund call for submissions, issued by the Greater Manchester Combined Authority, the project had to demonstrate that it delivered against GM's strategic low carbon aims including its Climate Change and Low Emission Strategy.

Furthermore, by enabling a transition to a 'low carbon' electricity network in GM, HAES will directly support the Mayor of GM Andy Burnham's aspirations for the City Region, namely the pledge to become a carbon neutral city region by 2038.

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The Mayor of Greater Manchester, Andy Burnham, said

“At last month's Green Summit in Salford Quays I pledged to commit Greater Manchester to achieving a carbon neutral status by 2038. It is projects like this that will keep the city-region at the forefront of the low carbon industrial revolution, delivering growth and jobs at the same time as safeguarding our environment and acknowledging and responding to our responsibilities on climate change.”



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How will it work?

The partners in HAES will install a number of energy efficient technologies across over 700 properties in GM, including in private homes, to prove that energy efficient homes with small scale electricity generation and storage, when aggregated together into a ‘virtual power plant’, can actively contribute to a more dynamic energy system.

HAES homes will fulfil a ‘component’ role, benefiting the electricity network as a whole, instead of being a load that simply requires managing.

As well as the expected benefits for occupants through the reduction of energy bills and for local businesses via increased tender opportunities, the project should deliver wider impacts

too, namely savings for local health services due to fewer admissions related to fuel poverty and underheated homes.

Our partners in the project include:

- **Northwards Housing**
- **Stockport Homes**
- **University of Salford**
- **Upside Energy** (Manchester based ‘aggregator’ of batteries and HP)
- **Retrofit Works** (social enterprise delivering and coordinating domestic energy demand reduction works in the social and private sector)

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David Kemp responsible for sustainability and growth at Procure Plus and HAES project lead commented:

The Procure Plus team are thrilled to be involved in this ground breaking project and look forward to seeing the positive outcomes and rewards I’m confident it will deliver.

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European Regional Development Fund

The project received £5.2m of funding from the England European Regional Development Fund as part of the European Structural and Investment Funds Growth Programme 2014–2020. The Ministry of Housing, Communities & Local Government (and in London the intermediate body Greater London Authority) is the Managing Authority for European Regional Development Fund.

Established by the European Union, the European Regional Development Fund helps local areas stimulate their economic development by investing in projects which will support innovation, businesses, create jobs and local community regenerations. For more information visit

<https://www.gov.uk/european-growth-funding>.



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