

WIND

Greenmyres Community Farm Wind Turbine



- LOCATION **Huntly, Aberdeenshire**
- SYSTEM SIZE **500kW Wind Turbine**
- EXPECTED ANNUAL GENERATION **1,850MWh**

Locogen have completed considerable development works on behalf of Huntly and District Development Trust (HDDT) at their Greenmyres community owned farm.

Locogen became involved with HDDT when undertaking feasibility and planning works for a 250kW ground mounted solar scheme to be located adjacent to a recently consented 500kW wind turbine project. Both projects were being developed on a farm that had been bought by the community.

Locogen was subsequently awarded the role of project manager for the delivery of the consented wind project. Locogen managed the construction phase of the contract, including the design and construction of the ground works, turbine foundation, grid connection works, balance of plant contractor works and turbine erection and commissioning works.

In addition to undertaking the standard project management scope of works this included:

- Amending the planning consents;
- Amending the available grid capacity;
- Undertaking detailed wind resource works using adjacent wind monitoring data;
- Providing support with property issues and grid wayleaves; and
- Acting in the borrower's technical advisor role to secure non-recourse finance

The turbine was commissioned in December 2016, ensuring the project met the FiT deadline. Locogen is contracted to provide ongoing asset management works for the turbine which has considerably exceeded expected performance in the first year of operation.

In addition to the ongoing support for the operational wind turbine, Locogen are continuing to provide technical support to HDDT as they assess the potential of a range of works to make best use of the future revenue streams and renewable generation. This includes:

- Plans to develop an 'Energy Hub' at the farm to encourage local businesses to relocate and utilise local renewable generation;
- Opportunities to further expand sustainable transport opportunities; and
- Exploring future collaborations with other renewable projects in the development of local energy systems.

"The commissioning of the Greenmyres turbine has been transformational for us. Locogen's professional support in making that happen to a tight timescale was key. Since then, we have been very impressed with their attention to detail and customer focus, anticipating issues before they arise, not just reacting to them. Their practical and commercial approach to our "blue-sky" thinking on how we can add value to the energy generated on-site has also been hugely valuable."

HDDT's Development Manager, Donald Boyd



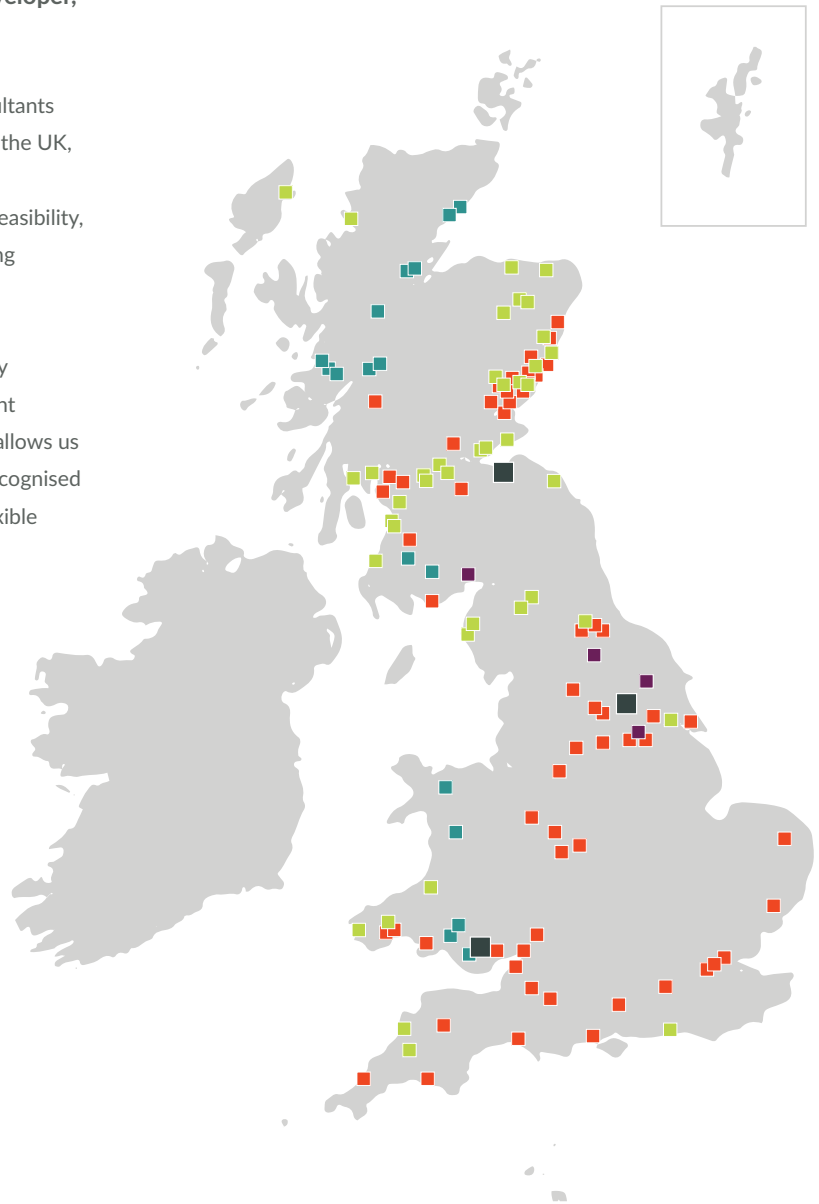
WHY LOCOGEN?

The Locogen Group, an award-winning pioneer in the sector, has been established since 2009 as a consultancy, developer, installer and operator of renewable energy assets.

Our team of engineers, project managers and technical consultants has delivered hundreds of renewable energy projects around the UK, covering wind, solar, hydroelectric and anaerobic digestion technologies. We take projects from initial concept through feasibility, design, consenting, due diligence, construction, commissioning and operation.

We have developed and operate wind, solar and hydro energy portfolios of our own. We also have a large Asset Management client-base which benefits from our experience; this volume allows us to spread costs and keep our services competitive. We are recognised as a proactive, honest and professional company, and our flexible services are renowned within the sector.

We have a national presence, with a UK-wide network of engineers and technicians giving us a quick response time, ensuring project down-time is low and system performance is maximised.



Our Projects

- WIND
- SOLAR
- HYDRO
- ANAEROBIC DIGESTION

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