



- LOCATION **Melrose, Scottish Borders**
- SYSTEM SIZE **50kW**
- EXPECTED ANNUAL GENERATION **41,550 kWh**

Locogen acted as technical advisors during the procurement and installation of a 50kW solar PV system on behalf of Borders NHS.

Locogen became involved in the project after being contracted through Carbon Trust Scotland to provide an assessment of the feasibility of a rooftop mounted solar PV array for the flat roofs of the main hospital building at Borders General Hospital in Melrose.

Acting upon the findings of Locogen's feasibility study, NHS Borders chose to progress with the procurement and installation of a 50kWp solar PV system on the flat roofs of the main hospital building.

Locogen's work continued with the completion of the consenting works, which included securing the appropriate grid connection, building warrant and planning permission for the installation of the system to proceed.

To ensure NHS Borders derived the maximum return from their investment and received best value, Locogen then completed a performance specification for the system and managed the procurement phase of the project.

Our services included a detailed tender review for all responses and recommendations for appointing the main contractor. The system recommended and procured for NHS Borders utilised high-quality panels, inverters and a ballasted flat roof mounting system. The mounting system was chosen to protect the integrity of the roof by negating the need for any penetration, thus ensuring the hospital building remained weatherproof after the installation.

Locogen's involvement in the project continued after the feasibility, specification and procurement stages, acting as owner's engineer on behalf of Borders NHS throughout the installation. Our work ensured that the solar PV system was installed in line with the specification and planning approval, thus delivering the system performance expected by Borders NHS.



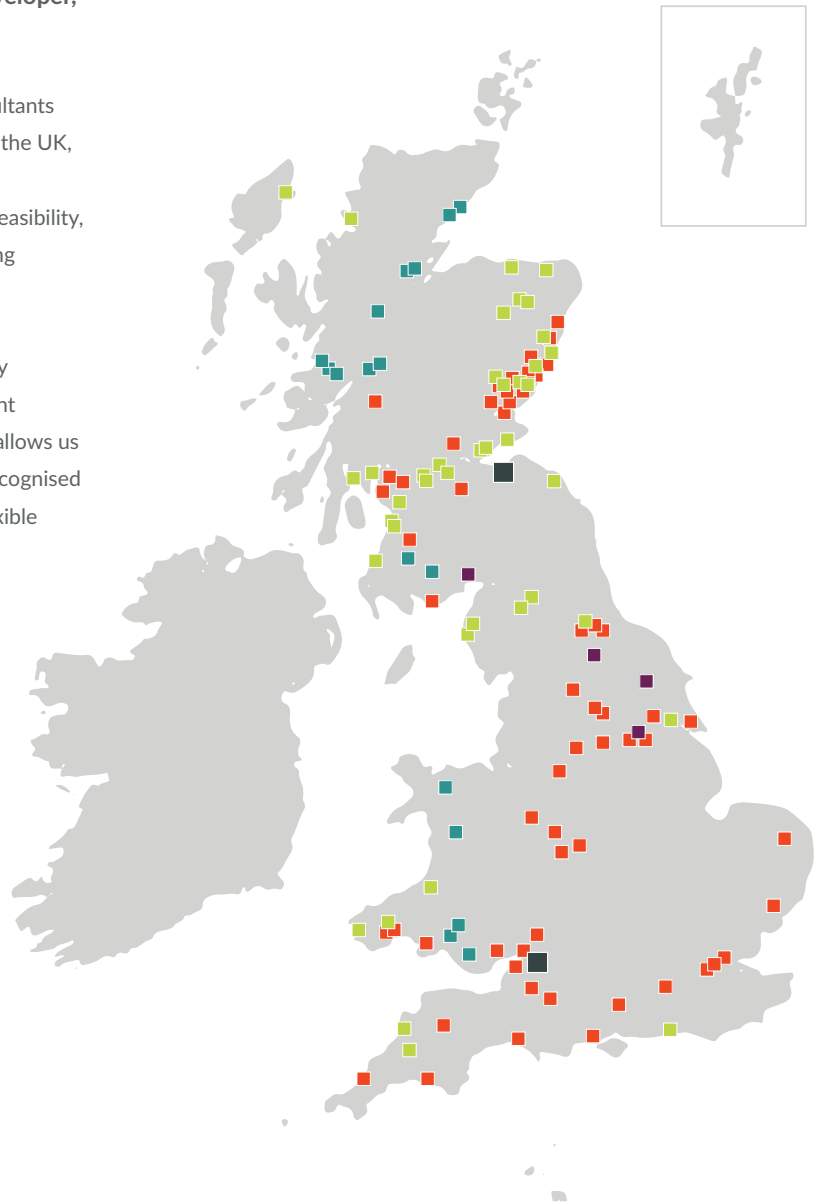
WHY LOCOGEN?

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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