



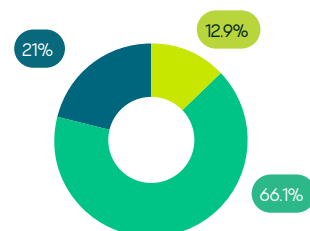
Uchelgais
Gogledd Cymru
Ambition
North Wales

Low Carbon Energy

Unlocking the benefits of developing low carbon energy projects within the region, positioning North Wales as a leading location for the low carbon energy sector.

Focus – promoting innovation and building on the region's strengths in the low carbon energy sector.

Investment Target



Total

£666.5m

Growth Deal
£86.4m

Private Sector
£441.7m

Public Sector
£138.4m

Objectives

Create up to **980 jobs**

Increase net additional GVA up to **£530 million**

Generate at least **314MW** of electricity from low carbon energy in the region

Enabling carbon savings of at least **2,723,000 tonnes**

The projects

1 Low Carbon Energy Centre of Excellence (Egni)
Lead Sponsor: Bangor University
Facilities to enhance the region's capabilities for low carbon energy research and innovation.

2 Morlais
Lead Sponsor: Menter Môn
Connecting Morlais with the electricity grid system, enabling developers of tidal stream technology to deploy their devices in the zone.

3 Traswfynydd
Lead Sponsor: Cwmni Egin, Welsh Government
Deploying Small Modular Reactor and Advanced Modular Reactor (SMR/AMR) to generate low carbon energy.

Smart Local Energy
Lead Sponsor: North Wales Economic Ambition Board
Enabling clean energy and decarbonisation solutions within our local communities.

Transport Decarbonisation
Lead Sponsor: North Wales Economic Ambition Board
Supporting the supply of green hydrogen from low carbon energy sources to decarbonise regional transport networks.