



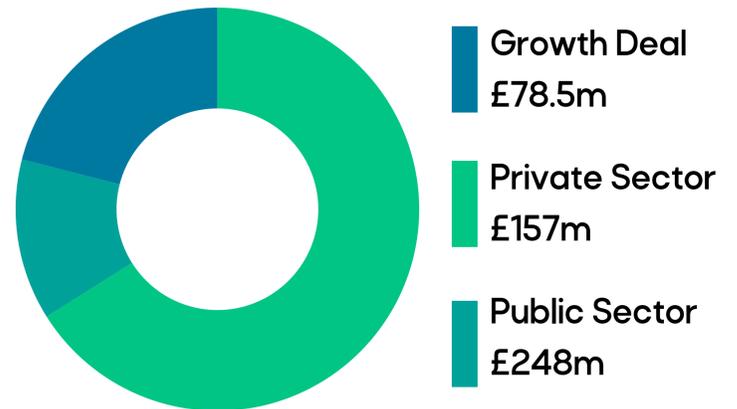
Low Carbon Energy

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.

Objectives

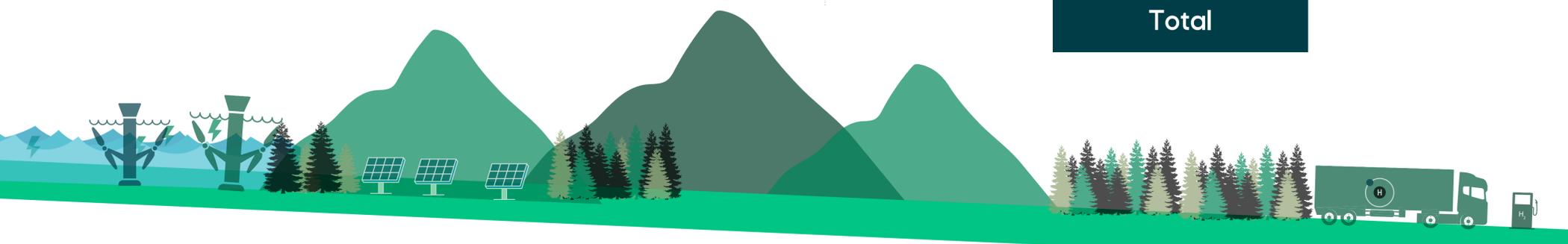
- Create up to **1035 jobs**
- Generate up to **£335m** additional net GVA
- Generate at least **314MW** of electricity from low carbon energy in the region
- Enabling carbon savings of at least **2,723,000 tonnes**

Investment target



£483.5m

Total



The Projects

1. Cydnerth (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.

2. 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.

3. Clean Energy Fund



Lead Sponsor: Ambition North Wales

Enabling renewable energy and decarbonisation solutions within our local communities.

4. Holyhead Hydrogen Hub

Lead Sponsor: Menter Môn

This project will establish a green hydrogen production and distribution facility, at Parc Cybi, Holyhead within the Anglesey Freeport zone, supplying road, maritime and rail transport customers across North Wales.

5. Trawsfynydd Innovation, Business and Skills Centre

Lead Sponsor: Cyngor Gwynedd

A scheme which will include a building to include office spaces, laboratory spaces and ancillary facilities to support the nuclear and low carbon energy industry together with the scientific community, located on Trawsfynydd Site.



Regional project

Our project business cases are subject to independent Gateway Reviews by the Welsh Government Intergrated Assurance Hub, at key decision points, in line with The Gateway TM Process.