



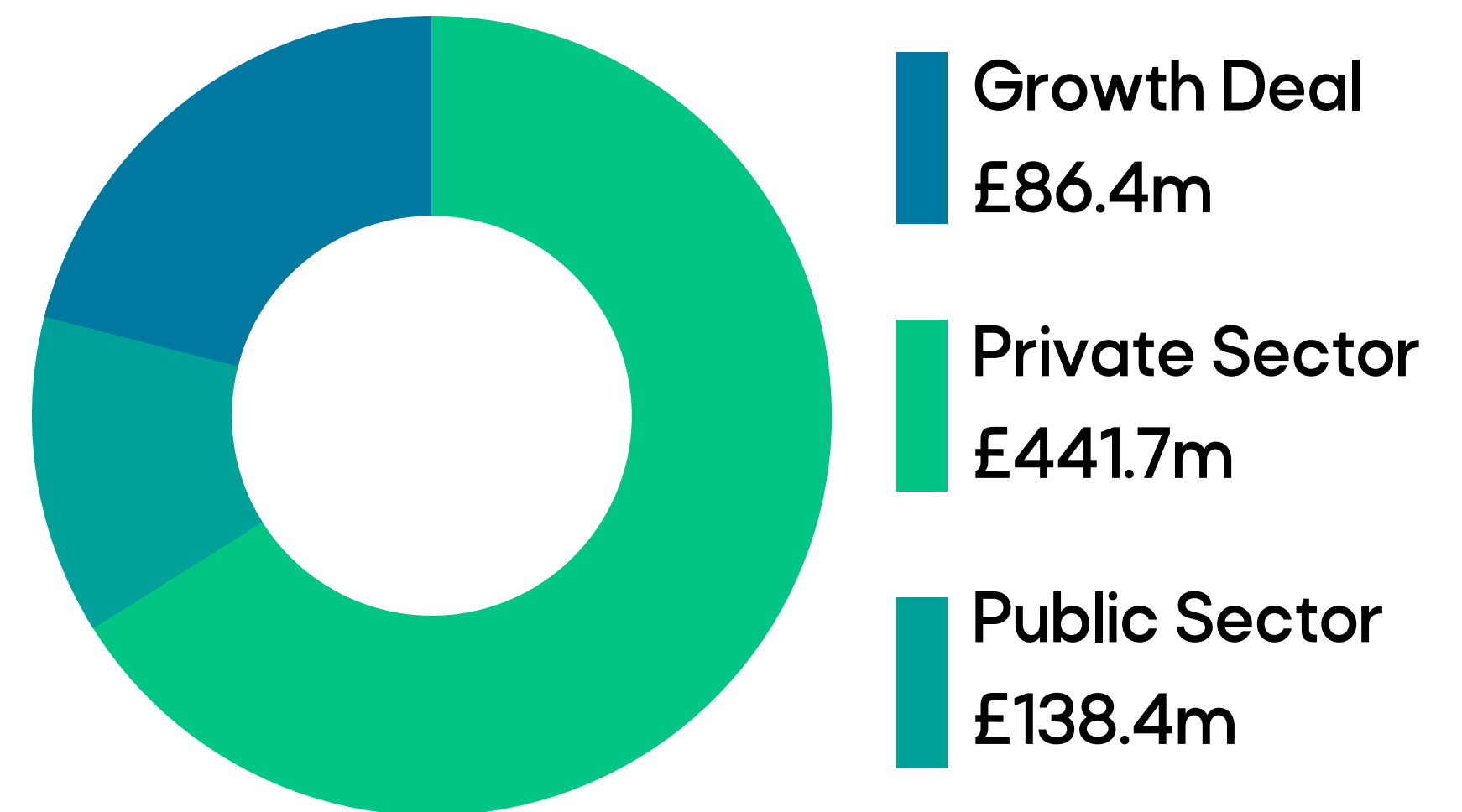
Low Carbon Energy

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

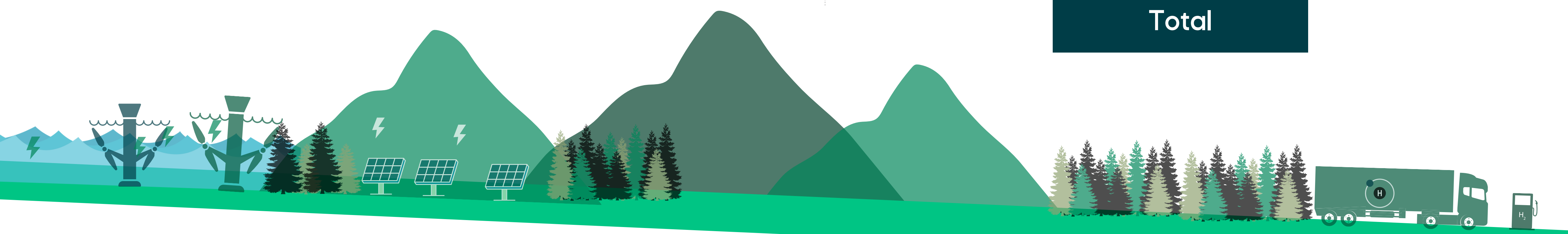
- Create up to **980 jobs**
- Increase net additional GVA up to **£530 million**
- Generate **at least 314MW** of electricity from low carbon energy in the region
- Enabling carbon savings of at least **2,723,000 tonnes**

Investment target



£666.5m

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. Hydrogen Hub and Transport Decarbonisation

Lead Sponsor: Ambition North Wales

Supporting deployment of green hydrogen from low carbon energy sources to decarbonise regional transport network

3. 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.

4. Smart Local Energy

Lead Sponsor: Ambition North Wales

Enabling renewable energy and decarbonisation solutions within our local communities.

5. Trawsfynydd

Lead Sponsor: Cwmni Eginio (Welsh Government)

Deploying Small Modular Reactor or Advanced Modular Reactor (SMR/AMR) to generate low carbon energy.



 Regional project

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