



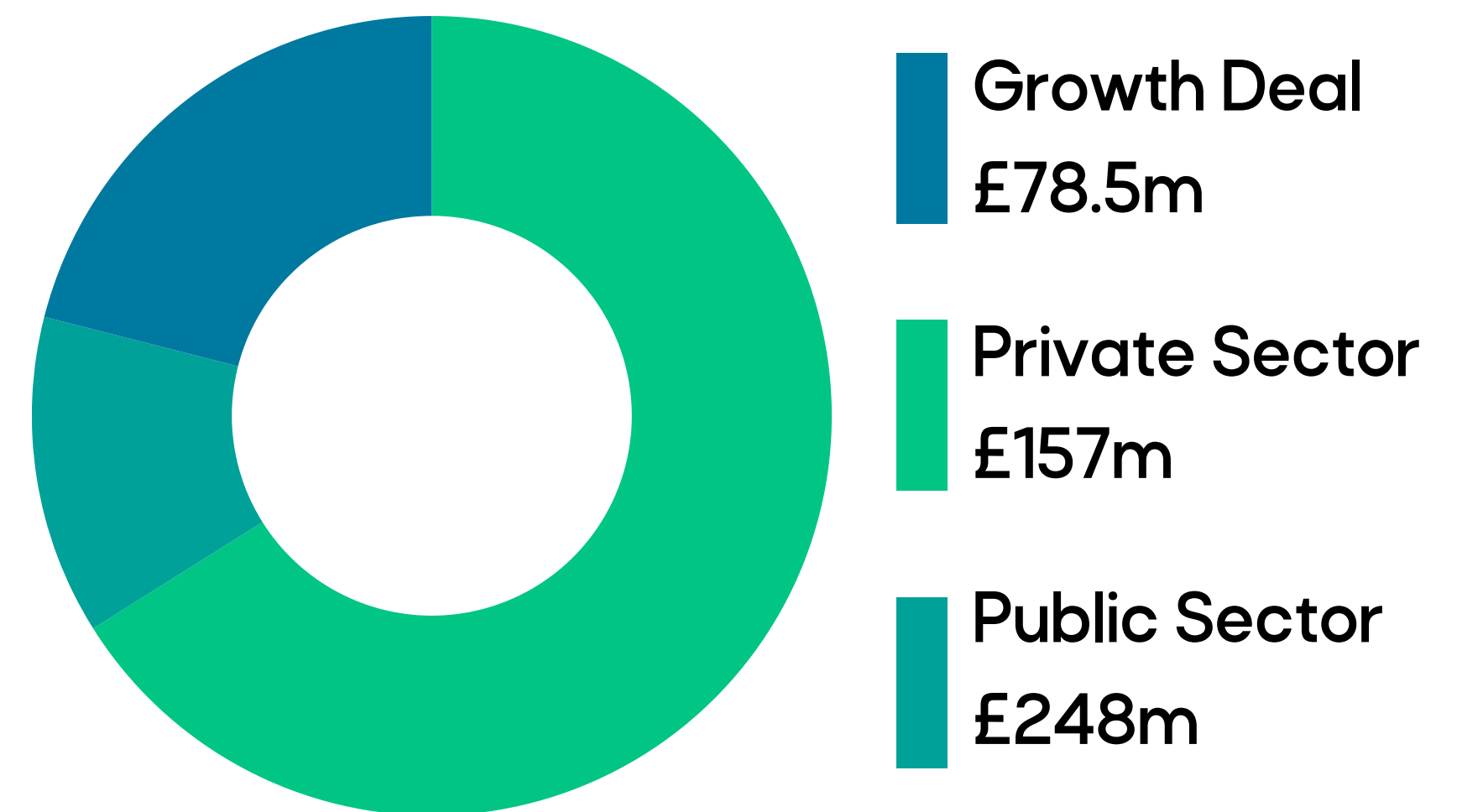
Low Carbon Energy

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. Hydrogen Hub

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.

6. Deeside Anaerobic Digestion Plant

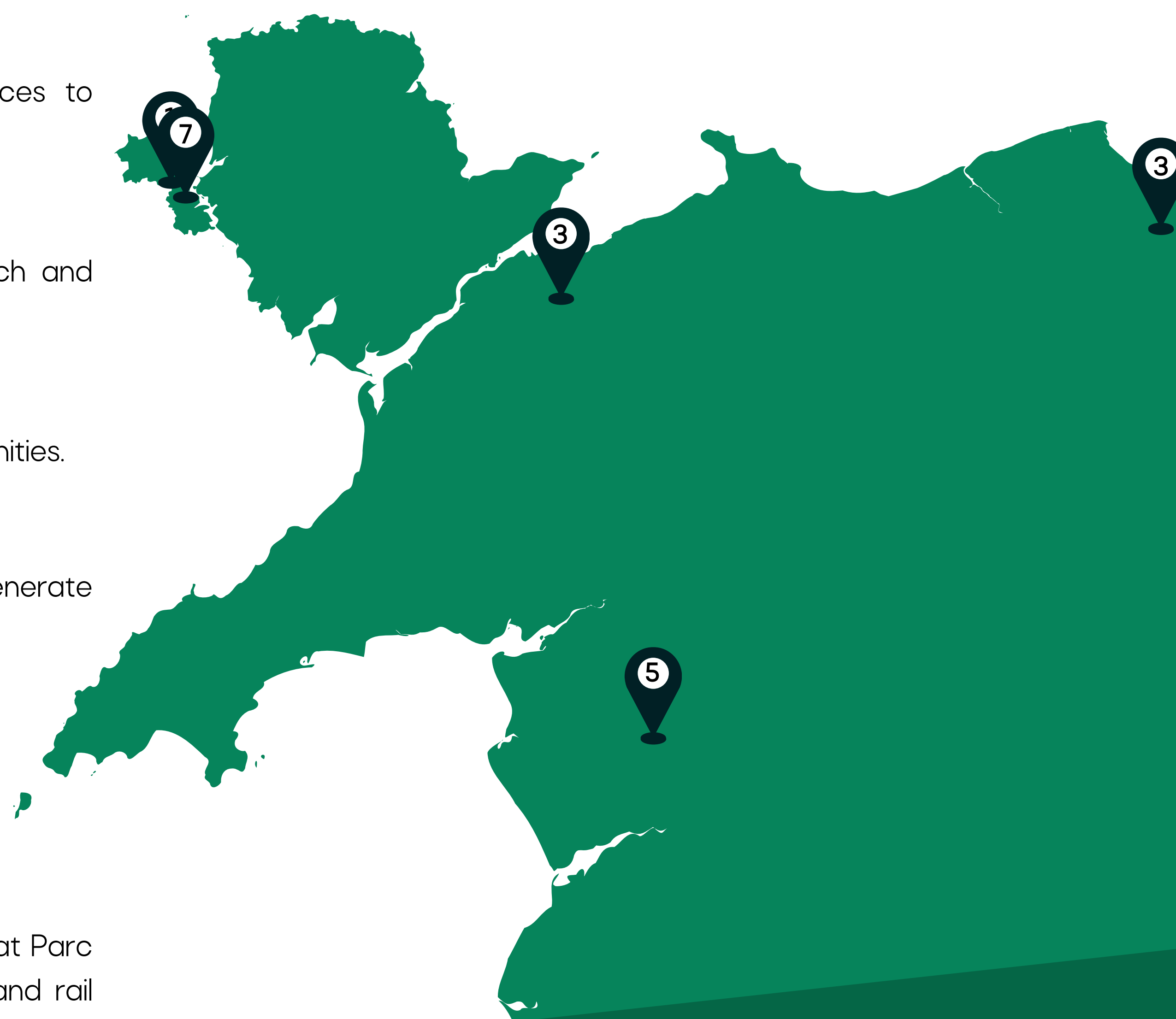
Lead Sponsor: The Circular Economy

This project will promote a local circular economy using waste materials from local industry as feedstock contributing to a greener future for North Wales.

7. 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.



 Regional project