



# The North Wales Growth Deal



## Overview

The partnership includes the six Local Authority areas of the region comprising the Councils of Gwynedd, Anglesey, Conwy, Denbighshire, Wrexham and Flintshire.

And also our regional academic partners at the University of Bangor, Glyndwr University, Coleg Cambria and Grŵp Llandrillo Menai



## Vision

The vision for North Wales is as 'a confident, cohesive region with sustainable economic growth, capitalising on the success of high value economic sectors and our connection to the economies of the Northern Powerhouse and Ireland'



## Principles

The Growth Vision was founded on three key principles:

- **Smart North Wales** – with a focus on innovation and high value economic sectors to advance economic performance.
- **Resilient North Wales** – with a focus on retaining young people, increasing employment levels and skills to achieve inclusive growth
- **Connected North Wales** – with a focus on improving transport and digital infrastructure to enhance strategic connectivity to and within the region

## Growth Deal Aims

To build a more vibrant, sustainable and resilient economy in North Wales.

To build on our strengths, to boost productivity while tackling long-term challenges and economic barriers to deliver inclusive growth.

The approach is to promote growth in a scalable, inclusive and sustainable way, in line with the Wellbeing of Future Generation (Wales) Act 2015.

## Objectives



### Job creation

Create 3,400 – 4,200 net additional jobs



### GVA

Generate £2.0 – £2.5 billion in net additional GVA



### Investment



# The five programmes



## Digital Connectivity

To deliver the step change in digital connectivity needed to ensure North Wales is able to satisfy user demand, maintain pace with the rest of the UK, unlock the growth potential of priority sectors and sites and underpin a flourishing innovation ecosystem. Plays an enabling role for other programmes to deliver maximum benefit.



## Land & Property

To address the shortage of suitable land and properties for business growth and to bring forward sites for housing development. To deliver improvements that stimulate investment in sites and premises in the port of Holyhead and the wider region. To enable other programmes by ensuring the right land and property infrastructure is available.



## Low Carbon Energy

To unlock the economic benefits of transformational low carbon energy projects and position North Wales as a leading UK location for low carbon energy generation, innovation and supply chain investment.



## Innovation in High Value Manufacturing

To consolidate North Wales' position as a powerful and innovative high value manufacturing cluster, building on existing specialisms and leading expertise to create a higher value, more diverse economic base that supports the transition to a lower carbon economy.



## Agrifood & Tourism

To build a more sustainable, vibrant and resilient foundation economy within the region, optimising opportunities for employment and prosperity through our environment and landscape.

# Strengths and opportunities

## Strengths

- A convener for regional working, collaboration and problem solving
- Leadership empowerment through local investment decision making
- Facilitated discussions and commitments on wider threats to the economy such as Brexit, Covid and Climate Change, at a regional level
- Development of regional PMO capability and expertise in line with HM Treasury and Welsh Government Assurance Hub guidance and services
- Development of regional expertise in economic development
- Standardisation of process and practices associated with capital investment programmes

## Opportunities

- The deal was originally based on projects so the transition to Portfolio and Programmes was needed, however difficult
- Lengthy process to secure the deal – challenges in keeping the private sector engaged throughout
- Better Business Case approach is complex and not widely understood by partners
- New ways of thinking about economic impact beyond (jobs, GVA and investment) i.e. Wellbeing Economy (Doughnut Economics) and also consideration to Wellbeing of Future Generations Act and Equalities and Human Rights Act, Social Value and Community Wealth Building
- Lack of revenue funding incorporated within the deal
- Access to funding at Local Authority level such as LLU and CRF is challenging the collaborative regional working model that's been achieved through Growth Deals.

# Digital Connectivity

Connecting North Wales through  
high speed digital innovation and  
infrastructure



# Digital Connectivity Aim

To deliver the step change in digital connectivity needed to ensure North Wales is able to satisfy user demand, maintain pace with the rest of the UK, unlock the growth potential of priority sectors and sites and underpin a flourishing innovation ecosystem. Plays an enabling role for other programmes to deliver maximum benefit

## Objectives

### Job creation

Create between 315 and 380 jobs

### GVA

Create net additional GVA of £130 - £158m

### Investment

Investment of between £37 - £46m.

### Robust & competitive connectivity market at key sites

Robust and competitive full fibre connectivity at 28 strategic key sites and accelerate the development of digital infrastructure for 19 key regional economic sites

### High bandwidth mobile coverage transport networks

High bandwidth mobile coverage on transport networks (A55, A483, A5) with deployment in step with or in advance of UK Government 2027 target for 5G coverage.

### Superfast digital connectivity everywhere

Ensure all premises have Superfast broadband connectivity by 2023 with Gigabit upgrade capability where possible.

### Digital infrastructure innovation

Innovate and commercialise new digital infrastructure technology and embed the region in this strategically important industry for the long term.

Growth Deal investment:

**£37m**

Private sector investment:

**£1.6m**

Public sector investment:

**£3.1m**

Total investment:

**£41.7m**

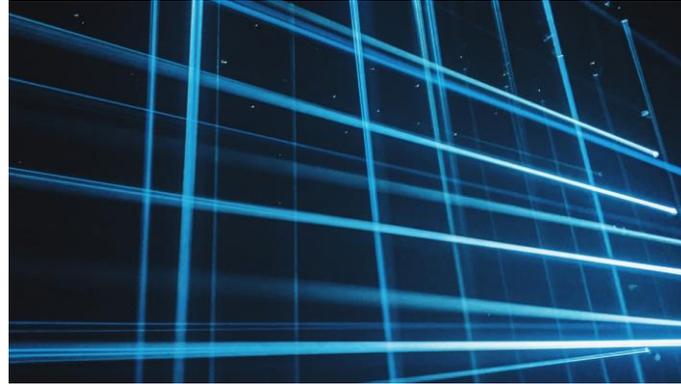
# The Digital Connectivity projects



## Digital Signal Processing Centre (DSP)

The project brings together Bangor University researchers to work alongside high-profile international companies and Welsh SMEs enabling them to work together to explore disruptive solutions for 5G. The project will allow the DSP Centre to expand its presence and remit, integrating fully with the National Strategy Project (NSP) and enable the scaling of key assets including a 5G testbed, research capacity and state-of-the-art equipment. The project is expected to create 160 jobs in total.

*Total investment of £7.3m | Growth Deal £3m*



## Connected Corridor

This responds to industry demand and technology drivers by supporting the more efficient operation of supply chains, and major transport operations (such as ports). In total, 156km of road and rail corridor will be connected to 5G/Low Power Wireless Access Networks, along the A55 corridor and adjacent mainline rail route. It is estimated that up to 1.57 million rail journeys and 1.3 million road journeys will benefit from enhanced 5G connectivity once complete.

*Total investment of £2.2m | Growth Deal £2.2m*



## Connected Campuses

By campuses we mean key sites of economic activity. The project will accelerate the development of infrastructure for 19 key regional economic sites. It is estimated some 2,600 business premises will have access to high bandwidth 5G and low power Wi-Fi services and therefore better connectivity once complete.

*Total investment of £21m | Growth Deal £21m*

# The Digital Connectivity projects



## Full Fibre at key sites

This project will deliver full fibre connectivity (gigabit capable). That's fibre all the way from the exchange to the premises to 28 key business sites across North Wales.

Total investment of £7.2m | Growth Deal £6.8m



## Connecting the last few %

This project targets universal superfast coverage across North Wales, which have yet to be served by other means and cannot obtain speeds of at least 30Mbps (download). A lack of reliable and in some cases basic broadband (Ofcom defines as 10Mbps download) is an established and growing challenge facing rural businesses and communities. A widely acknowledged 'digital divide' is affecting residents' access to online services and preventing SMEs from developing and sustaining trade. The growing trend of working from home is also restricted by poor connectivity. Up to 10,100 residential and 4,300 business premises will have access to superfast broadband once complete.

Total investment of £4m | Growth Deal £4m

# Land and Property

Addressing the shortage of suitable land and properties for business growth and investing in our port at Holyhead



# Land and Property Aim

To address the shortage of suitable land and properties for business growth and to bring forward sites for housing development.

To deliver improvements that stimulate investment in sites and premises in the port of Holyhead and the wider region.

To enable other programmes by ensuring the right land and property infrastructure is available.

## Objectives

### Job creation

To create between 1,870 and 2,280 jobs.

### GVA

Create net additional GVA of £1.06bn - £1.29bn.

### Investment

Investment of between £320m - £390m.

### Employment sites and premises

Deliver 30ha land and 20,000 square meters of employment premises between 2021 and 2026.

### Residential sites

Deliver 1,000 plus residential development plots between 2021 and 2026.

### Holyhead Gateway

Land reclamation, safeguarding and life extension works to the breakwater, access improvements and port capacity enhancements.

Growth Deal investment:

**£79.1m**

Private sector investment:

**£274.4m**

Public sector investment:

**£1.9m**

Total investment:

**£255.4m**

# The Land and Property projects



## Warren Hall Strategic Site

Growth Deal funding will provide the necessary statutory consents and deliver primary services to enable the 65-hectare mixed use site to be bought to the market for sale and then development by the private sector.

Total Investment £70m | Growth Deal £15m



## Wrexham Gateway

Growth Deal funding will provide the necessary statutory consents and deliver primary services to enable the site to be bought to the market for sale and development.

Total Investment £43.4m | Growth Deal £9.1m



## Key Strategic Site, Bodelwyddan

A mixed use commercial and residential development site of 137 hectares. The Growth Deal funding will provide the primary services to enable the site to be bought to the market for development

Total Investment £82m | Growth Deal £10m

# The Land and Property projects



## Former North Wales Hospital, Denbigh

A planning application has been submitted to bring forward a mixed use commercial and residential development. The Growth Deal funding will assist in the delivery of a cleared and remediated site with primary services.

Total Investment £74m | Growth Deal £4m



## Parc Bryn Cegin Strategic Site, Bangor

Provide industrial floor space to meet known demand for units.

Total Investment £6m | Growth Deal £6m



## Holyhead Gateway

Future proof the Holyhead Port by providing new deep-water heavy loading and cruise facilities, improved vehicular access, guaranteeing the future of the breakwater and providing for the demands of regional energy projects.

Total Investment £80m | Growth Deal £35m

# Low Carbon Energy

Positioning North Wales as a leading UK location for low carbon energy generation, innovation and supply chain investment



# Low Carbon Energy Aim

To unlock the economic benefits of transformational low carbon energy projects and position North Wales as a leading UK location for low carbon energy generation, innovation and supply chain investment

## Objectives

### Job creation

To create between 800 and 980 new jobs.

### GVA

Create net additional GVA of £433m - £530m.

### Investment

Total investment of between £602m - £735m.

### Low carbon energy generation

Enable the deployment of at least 314MW of new installed low carbon energy generation capacity.

### Carbon savings

To enable carbon savings of at least 2723 tonnes of CO<sub>2</sub>e.

Growth Deal investment:

**£86.4m**

Private sector investment:

**£441.7m**

Public sector investment:

**£140.4m**

Total investment:

**£668.5m**

# The Low Carbon Energy projects



## Morlais

Investing in the infrastructure that connects the Morlais Zone with the electricity grid system, and preparing the site for private sector developers who will lease parts of the zone for deploying their tidal energy technologies. This would position the zone as the first consented, expandable and technology-agnostic site in the world with up to 180 MW of power generating potential.

Total Investment £36m | Growth Deal £9m



## Low Carbon Centre of Excellence

Investing in the development of facilities at Bangor University and Menai Science Park, enhancing the North Wales and UK capabilities for innovation in low carbon energy and related areas, helping to create the conditions for new inward investment and business growth in the low carbon energy supply chain in North Wales.

Total Investment £97.7m | Growth Deal £21m



## Transport Decarbonisation

Support delivery of a demonstrator project involving the production of green hydrogen from low carbon energy sources and its use within regional transport networks.

Total Investment £28.6m | Growth Deal £11.4m

# The Low Carbon Energy projects



## Smart Local Energy

To help achieve renewable energy, decarbonisation and local ownership targets, the project will support innovative enabling projects and demonstrators that overcome market failures and unlock private and community sector investments in smart local energy solutions.

Total Investment £106.2m | Growth Deal £25m



## Trawsfynydd Power Station

The Trawsfynydd site is uniquely placed for a 'First of a kind' deployment of a Small Modular Reactor (SMR) or Advanced Modular Reactor (AMR) due to its status as a publicly owned asset, its highly skilled workforce and the supportive community. In combination with public and private sector investment, the Growth Deal will contribute funding towards enabling infrastructure, helping to secure jobs as well as position North Wales at the cutting edge of innovation and R&D in a technology that has significant potential for deployment across the UK.

Total Investment £400m | Growth Deal £20m

# Innovation in High Value Manufacturing

Creating a higher value, more  
diverse economic base that  
supports the transition to a lower  
carbon economy



# Innovation in High Value Manufacturing Aim

To consolidate North Wales' position as a powerful and innovative high value manufacturing cluster, building on existing specialisms and leading expertise to create a higher value, more diverse economic base that supports the transition to a lower carbon economy

## Objectives

### Job creation

To create between 145 and 180 new jobs.

### GVA

Create net additional GVA of £94m - £114m.

### Investment

Total investment of between £36m - £43m.

### Research & innovation

Work with 55 UK and International industry partners or SME's to develop new low carbon technologies and waste reduction.

### Skills development

Provide training and upskilling to 100 people / businesses in the targeted technologies over first 5 years.

### Expand economic integration to facilitate technology adaption

Reinforce collaboration between regional Universities and businesses to facilitate technology adaption. Support three collaborative R&D projects per annum to develop new technologies.

Growth Deal investment:

**£13m**

Public sector investment:

**£26.5m**

Total investment:

**£39.5m**

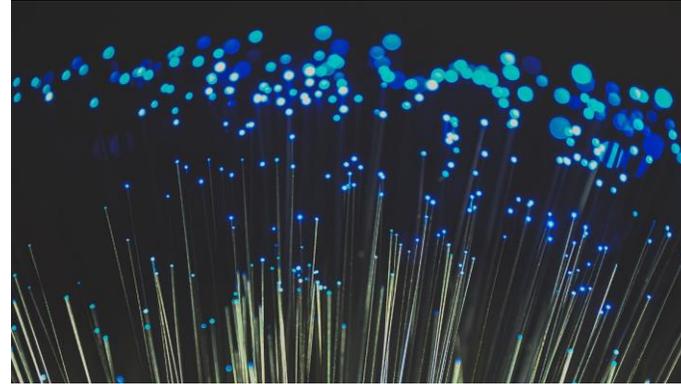
# The Innovation in High Value Manufacturing projects



## Centre for Environmental Biotechnology (CEB)

The Centre for Engineering Biotechnology will be a world-leading centre in the discovery and characterisation of novel extremophilic enzymes of industrial relevance. The Centre for Engineering Biotechnology will provide a strong foundation for attracting world-leading researchers, significant public and commercial research funding, and inward investment to Wales, building on an initial £5m ERDF investment into research capacity. The project also aims to draw companies in the biocatalysis sector to North Wales to take advantage of clustering and agglomeration benefits the regions offers due to its well-established specialism in bioengineering.

Total Investment £9.6m | Growth Deal £3m



## Enterprise Engineering & Optics Centre

The Enterprise Engineering & Optics Centre will provide facilities (in Wrexham and St. Asaph) targeted to boost high level skills development for the region and enable SME's and large businesses to work in partnership with Wrexham Glyndwr University on commercially driven research and development.

Total Investment £29.9m | Growth Deal £10m

# Agrifood & Tourism

Optimising opportunities for employment and prosperity through our environment and landscape.



# Agrifood & Tourism Aim

To build a more sustainable, vibrant and resilient foundation economy within the region, optimising opportunities for employment and prosperity through our environment and landscape.

## Objectives

### Job creation

To create between 310 and 380 new jobs.

### GVA

Create net additional GVA of £230m - £281m.

### Investment

Total investment of between £37m - £45m.

### Decarbonisation and sustainable business models

Educating businesses on the benefits of decarbonisation, diversification and sustainable business models.

Support 300-400 businesses to diversify from traditional core operation to new practices in the first 5 years of the programme.

### Innovation & productivity

Provide 4,000 - 6,000m<sup>2</sup> of incubator, R&D and training floor space to encourage innovation, promote upskilling and support business growth in the sector.

Growth Deal investment:

**£24.5m**

Private sector investment:

**£4.4m**

Public sector investment:

**£12.4m**

Total investment:

**£41.3m**

# The Agrifood & Tourism projects



## Llysfasi Net Zero Farm

Llysfasi Carbon Neutral Centre aims to lead North Wales to a resilient future where carbon neutral land management is at the centre of a developing renewable energy sector supporting a sustainable, thriving and healthy community covering the rural/urban mix of the region.

Total Investment £15.4m | Growth Deal £10m



## Glynllifon Rural Economy Hub

The vision is to create a distinctive, world-class Rural Economy Hub at Glynllifon, offering a range of facilities and services to strengthen and enhance the regional economy, specifically through growing the food and drink sector.

Total Investment £13m | Growth Deal £10m



## Tourism TALENT Network

This is all about future-proofing the pipeline of skills provision and increase commercial benefits from one of the most established sectors in the region. The sector is of course under huge pressure currently by Covid so this must be monitored and evaluated as we move forward. The talent network will stimulate public-private collaboration to coordinate action on skills and product development to transform and accelerate the growth of the tourism and hospitality sector in the region.

Total Investment £12.9m | Growth Deal £4.5m