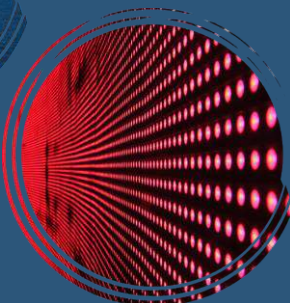


# NORTH WALES GROWTH DEAL



# The North Wales Economic Ambition Board

## Overview

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

The Board also includes the University of Bangor, Glyndwr University, Coleg Cambria and Grŵp Llandrillo Menai



## Vision

The NWEAB 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

# The North Wales 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.

## Investment

<b>Growth Deal investment:</b>	<b>£240m</b>
<b>Private Sector investment:</b>	<b>£722.1m</b>
<b>Public Sector investment:</b>	<b>£184.3m</b>
<b>TOTAL INVESTMENT:</b>	<b>£1.1bn</b>

## Spending Objectives



Create 3,400 – 4,200 net additional jobs



Generate £2.0 – £2.5 billion in net additional GVA

# GROWTH DEAL MILESTONES

**OCT 2018**

Approval of Proposition Document by partners

**OCT 2018**

Autumn Statement

**SEPT 2018**

UK and Welsh Governments Ministerial Challenge Session

**JULY 2018**

Adoption of GA1

**SEPT 2016**

Approval of North Wales Growth Vision by partners

**DEC 2018**

Welsh Government confirmed to match the UK Government's contribution to the North Wales Growth Deal

**DEC 2018**

NWEAB approve Governance Agreement 1

**FEB 2019**

NWEAB Joint Committee formed

**MAR 2019**

Approval of Draft Implementation Plan by the NWEAB

**MAY 2019**

Better Business Cases Training

**FEB - JULY 2020**

Project Baseline Review

**MAR - JUN 2020**

Better Business Cases Training

**JAN 2020**

Programme Office established

**NOV 2019**

Heads of Terms Signed

**JUNE 2019**

UK and Welsh Governments Ministerial Challenge Session

**JUNE 2019**

Private Sector Challenge Session

**AUG 2020**

PAR Assurance Review

**SEPT 2020**

UK and Welsh Governments Policy Feedback on Strategic Cases

**JUNE - OCT 2020**

Workshops with Joe Flanagan

**SEPT - OCT 2020**

Local Authority Member Briefings

**OCT 2020**

Portfolio and Programme Business Cases finalised

# Portfolio Management Team



**Alwen Williams**  
Cyfarwyddwr Portffolio |  
Portfolio *Director*



**Hedd Vaughan-Evans**  
Rheolwr Gweithrediadau |  
*Operations Manager*



**Stuart Whitfield**  
Rheolwr Rhaglen Digidol |  
*Digital Programme Manager*



**Henry Aron**  
Rheolwr Rhaglen Ynni |  
*Energy Programme Manager*



**Elgan Roberts**  
Rheolwr Prosiect Ynni |  
*Energy Project Manager*



**David Mathews**  
Rheolwr Rhaglen Tir ac  
Eiddo |  
*Land and Property Programme Manager*



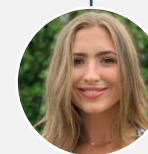
**Robyn Lovelock**  
Rheolwr Rhaglen |  
*Programme Manager*



**Erin Gwenlli Thomas**  
Swyddog Cyfathrebu ac  
Ymgysylltu |  
*Communications and Engagement Officer*

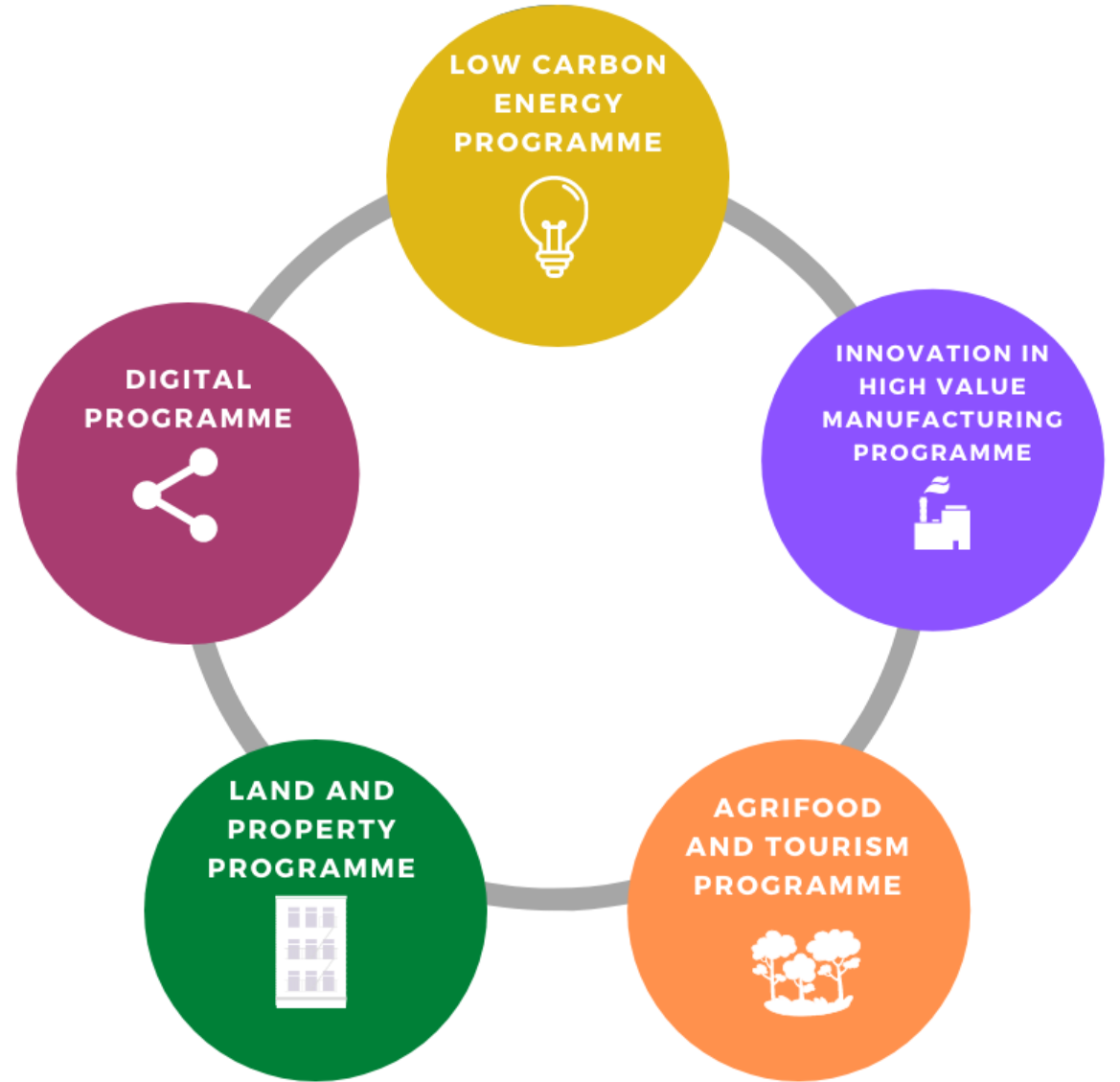


**Nia Medi Williams**  
Uwch Swyddog  
Gweithredol |  
*Senior Operational Officer*



**Angharad Evans**  
Swyddog Cefnogi  
Rhaglen |  
*Programme Support Officer*

# THE PROGRAMMES



# Low Carbon Energy Programme

## Strategic 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.

## Investment:

Growth Deal investment:	£86.4m
Private Sector investment:	£441.7m
Public Sector investment:	£140.4m
<b>TOTAL INVESTMENT:</b>	<b>£668.5m</b>

## Projects

Morlais

Low Carbon Energy Centre of Excellence

Trawsfynydd Power Station

Smart Local Energy

Transport Decarbonisation

## Low Carbon Energy Programme Spending Objectives:



### JOB CREATION

Create between 800 and 980 new jobs by 2036



### GVA

Create net additional GVA of £433- 530m by 2036



### INVESTMENT

Total investment of £602- £735m through the programme by 2036



### LOW CARBON ENERGY GENERATION

To enable the deployment of at least 314MW of new installed low carbon energy generation capacity through the programme by 2036



### CARBON SAVINGS

To enable carbon savings of at least 2723 Tonnes CO<sub>2</sub>e through the programme by 2036

# Morlais

- The Growth Deal funding will support constructing the infrastructure that connects the Morlais Zone with the electricity grid system.
- Constructing the grid connection infrastructure would position the zone as the first consented, expandable and technology agnostic site in the world with up to 180 MW of potential.

## Benefits:



To create 90-110 jobs



GVA impact of £45-55m



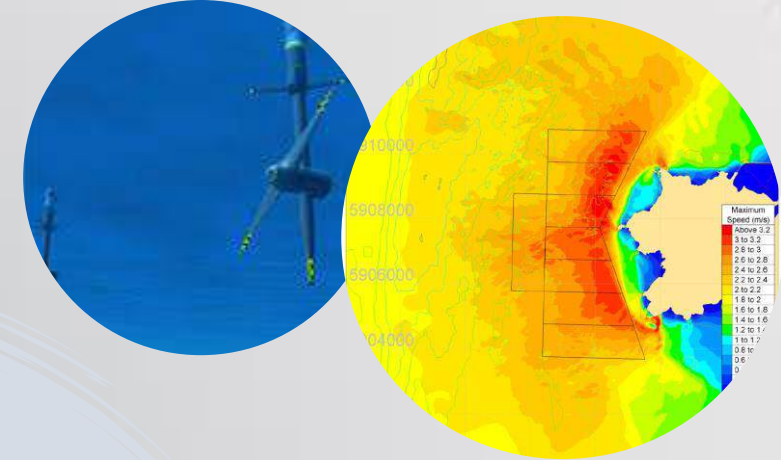
14-180MW Installed Capacity of Low Carbon Energy



£43m-£392m of indirect private investment unlocked through deployment of tidal turbines



63-804 tonnes of CO<sub>2</sub>e savings by 2036



Growth Deal Funding: £9m  
Public Investment: £27m  
Total Investment: £36m



# Low Carbon Energy Centre of Excellence

- Growth Deal funding will provide capital to develop infrastructure at Bangor University and Menai Science Park, enhancing capabilities for innovation in the energy sector and helping to create the conditions for new inward investment and business growth in the low carbon energy supply chain.

## Benefits:



Up to 26 new jobs



GVA impact of up to £24m



Increase skills and knowledge in the area



R&D projects delivered will increase knowledge transfer and business / academic partnerships with the private sector

Growth Deal Funding: £21m  
Public Investment: £75.7m  
Private Investment: £1m  
Total Investment: £97.7m

# Trawsfynydd Power Station

- First of its kind deployment of SMR or AMR
- The Growth Deal will enable infrastructure and position North Wales at the cutting edge of innovation and R&D in a technology that has significant potential for deployment across the UK

## Benefits:



Between 455 and 557 new jobs



GVA impact of £206-£252m



£360m direct private sector leverage £2bn indirect private sector investment



300-700MW new installed capacity of low carbon energy



2,660-2,206 tonnes of CO<sub>2</sub>e savings by 2036

Growth Deal Funding: £20m  
Public Investment: £20m  
Private Investment: £360m  
Total Investment: £400m

# Smart Local Energy

- To achieve net zero targets, investment is needed to overcome market failures and unlock smart local energy solutions
- The Project aims to enable private, public or community sector-led renewable / energy demonstrator projects that contribute towards decarbonising the regional economy and local ownership targets

## Benefits:



Up to 193 new jobs



GVA impact of £110-134m



Unlocking investment in low carbon energy projects



Increased local ownership in energy investments



Increased capacity of low carbon energy projects



Delivery of innovative demonstrator projects that can be replicated to help achieve Net Zero targets

Growth Deal Funding: £25m  
Public Investment: 6.2m  
Private Investment: £75m  
Total Investment: £106.2m

# Transport Decarbonisation

- Subject to feasibility studies, the project aims to develop a hydrogen hub around the Deeside Industrial Park in Flintshire
- The hub would act as a demonstrator project, with green hydrogen produced from renewable energy being used to decarbonise local transport networks by powering hydrogen fuelled vehicles such as buses and HGVs

## Benefits:



Between 79-97 new jobs



GVA impact between £55-£67m



Decarbonised transport networks with hydrogen fuelled vehicles



Green hydrogen production and usage



Demonstrator project that can be replicated elsewhere

Growth Deal Funding: £11.4  
Public Investment: 11.5m  
Private Investment: £5.7m  
**Total Investment: £28.6m**

# Innovation in High Value Manufacturing Programme

## Strategic 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 low carbon economy

## Projects

Centre for Environmental Biotechnology

Enterprise Engineering and Optics Centre

## Investment:

Growth Deal investment: **£13m**

Public Sector investment: **£26.5m**

**TOTAL INVESTMENT: £39.5m**



### JOB CREATION

To create between 145 and 180 jobs by 2036

### GVA.

Create net additional GVA of £94m and £114m by 2036.



### INVESTMENT

Investment of between £36m and £43m by 2036

### RESEARCH AND INNOVATION FOR A LOW CARBON ECONOMY AND WASTE REDUCTION

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



### EXPAND ECONOMIC INTEGRATION BETWEEN REGIONAL UNIVERSITIES AND BUSINESSES TO FACILITATE TECHNOLOGY ADOPTION

Support and facilitate three collaborative R&D projects per annum to develop new technologies.



### SKILLS DEVELOPMENT AND KNOWLEDGE TRANSFER

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



# Centre for Environmental Biotechnology

- CEB will be a world-leading centre in the discovery and characterisation of novel extremophilic enzymes of industrial relevance.
- CEB will provide a strong foundation for attracting world-leading researchers, significant public and commercial research funding, and inward investment to Wales.
- CEB will also help drive new collaborations with industrial partners and other research institutions in innovative research areas.

## Benefits:



Grant capture



New enterprises collaborating per annum



New researchers employed



Jobs created



Private sector investment leveraged



GVA generated

Growth Deal Funding: £3m  
Public Investment: £6.6m  
Total Investment: £9.6m

# Enterprise Engineering and Optics Centre

- The project will provide facilities to boost high level skills development and enable SME's and large businesses to work in partnership with Wrexham Glyndwr University on research and development.
- The new state-of-the-art equipment will include educational provision and support business to deliver on priority growth sectors across Precision Optical systems, Photonics, Microwave Technology and Composite Materials and Hydrogen Cell Technology.

## Benefits:



Businesses co-located



Business partnerships brokered



Jobs created



Private sector investment leveraged



GVA generated

Growth Deal Funding: £10m  
Private Investment: £19.8m  
Total Investment: £29.8m

# Agri-food and Tourism Programme

## Strategic 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.

## Investment:

Growth Deal investment: **£24.5m**

Private Sector investment: **£4.4m**

Public Sector investment: **£12.4m**

**TOTAL INVESTMENT: £41.3m**



### JOB CREATION

To create between 310 and 380 jobs by 2036

### GVA

Create net additional GVA of £230m and £281m by 2036.



### INVESTMENT

Investment of between £37m and £45m by 2036

### DECARBONISATION AND SUSTAINABLE BUSINESS MODELS

Educating businesses on the benefits of decarbonisation, diversification and sustainable business models. 300-400 businesses diversifying from traditional core operation to adapting new practices in the first 5 years of programme.



### INNOVATION AND PRODUCTIVITY

Provide 4,000-6,000m square of incubator, R&D and training floorspace to encourage innovation, promote upskilling and support business growth in the agri-food and tourism sector.

## Projects

Glynllifon Rural Economy Hub

Llysfasi Carbon Neutral Centre

Tourism Talent Network



# Glynllifon Rural Economy Hub

- The Rural Economy Hub will deliver the following two facilities:
  - Knowledge Centre: creating a pool of practical experience to support innovation and enterprise growth in the region.
  - Food Enterprise Park: which will include flexible food grade units designed to attract start-ups and growth SME's.

## Benefits:



Direct jobs



GVA (£)



Food grade accommodation floorspace developed (m2)



New businesses locating to Rural Economy Hub

Growth Deal Funding: £10m  
Public Investment: £3m  
Total Investment: £13m

# 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.

## Benefits:



Direct jobs



GVA (£)



Knowledge transfer



Commercial innovation projects supported



Businesses diversified through support

Growth Deal Funding: £10m  
Public Investment: £2.7m  
Private Investment: £2.7m  
Total Investment: £15.4m

# Tourism Talent Network

- The Tourism Talent Network sets out to future-proof skills provision and increase commercial benefits from one of the most well established and fastest growing sectors in the region.

## Benefits:



Increased private sector investment



Workforce skills better aligned with employer needs



More people with high qualifications in the Tourism sector



Retention of young people staying in the area



Improvement in standards of living across the region



Improved customer satisfaction

Growth Deal Funding: £4.5m  
Public Investment: £6.7m  
Private Investment: £1.7m  
Total Investment: £12.9m

# Digital Programme

## Strategic 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 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.

## Investment:

**Growth Deal investment: £37m**  
**Private Sector investment: £1.6m**  
**Public Sector investment: £3.1m**  
**TOTAL INVESTMENT: £41.7m**

## Projects:

Full Fibre at key sites

Connected Campuses

Connected Corridor

Digital Processing Centre of Excellence

Connecting the last few %

## Spending Objectives:



**JOB CREATION**  
To create between 315 and 380 jobs through the programme by 2036



**GVA.**  
Create net additional GVA of £130-£158m through the programme by 2036



**INVESTMENT**  
Investment of between £37- £46m through the programme by 2036



**ROBUST AND COMPETITIVE CONNECTIVITY MARKET AT KEY SITES**

To introduce robust and competitive connectivity market at 28 strategic key sites in step with or in advance of UK Government 2025 target for gigabit capability coverage.



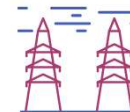
**HIGH BANDWIDTH MOBILE COVERAGE TRANSPORT NETWORKS**

To introduce high bandwidth mobile coverage on transport networks with deployment in step with or in advance of UK Government 2027 target for 5G coverage. Delivery of coverage across A55, A483 and A5.



**SUPERFAST DIGITAL CONNECTIVITY EVERYWHERE**

To ensure all inhabited premises in the region have Superfast broadband connectivity in the short term (by 2023) with gigabit upgrade capability built in as far as possible.



**DIGITAL INFRASTRUCTURE INNOVATION**

To ensure that the region is empowered to participate in innovation and commercialisation of new digital infrastructure technology to achieve and consolidate a long term role in a strategically important industry

# Full Fibre – Key Sites

- Deliver gigabit capable full fibre connectivity to 28 key business sites across North Wales.
- The focus of the project is to provide access to full fibre services that are more affordable, scalable and meet the needs of the regions' SMEs.



## Benefits:

4,100 business premises and 450 residential premises able to access gigabit capable full fibre broadband.

Growth Deal Funding: £6.8mm  
Private Investment: £0.4m  
**Total Investment: £7.2m**

# Connected Campuses

- This project aims to accelerate the development of 'Connected Campuses' at 19 key regional economic sites.
- The project will target key sites which present use cases for both high bandwidth wireless and low power wide area access networks (e.g. 5G and LoRaWAN). Target beneficiaries include heavy and light industries, R&D, logistics and an expansive 'rural campus' to support agriculture and land based industries.

## Benefits:



2,600 business premises with access to high bandwidth 5G and low power Wi-Fi services

Growth Deal Funding: £21m  
**Total Investment: £21m**

# Connecting the Last Few %

- This project targets delivery of superfast broadband coverage across North Wales to premises which have yet to be served by other means and cannot obtain speeds of at least 30Mbps download, in conjunction with UK and Welsh Government programmes.



## Benefits:

10,100 residential and 4,300 business premises with access to superfast broadband achieving speeds of at least 30Mbps

Growth Deal Funding: £4m  
Total Investment: £4m

# Connected Logistics Corridor

- This project targets extensive delivery of high bandwidth wireless connectivity on the region's main road and rail transport routes to support multiple services including passenger connectivity, transport and logistics applications.

## Benefits



1.57 million rail journeys  
and 1.3 million road  
journeys benefitting



5G connectivity

Growth Deal Funding: £2.2m  
**Total Investment: £2.2m**



# Digital Signal Processing Centre

- The project will develop Bangor University's existing DSP Centre further with the acquisition of state of the art equipment. The Centre is bringing together researchers to work alongside high profile international companies and Welsh SMEs to explore disruptive solutions using emerging 5G technology.

## Benefits



15 direct FTEs created within the DSP Centre



145 indirect FTEs created through business support and outreach.

Growth Deal Funding: £3m  
Public Investment: £3.2m  
Private Investment: £1.1m  
**Total Investment: £7.3m**

# Land and Property Programme

## Strategic 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. Plays an enabling role for other programmes by ensuring the right land and property infrastructure is available.

## Investment:

Growth Deal investment: **£79.1m**

Private Sector investment: **£274.4m**

Public Sector investment: **£1.9m**

**TOTAL INVESTMENT: £355.4m**

## Projects

Western Gateway, Wrexham

Warren Hall, Broughton, Flintshire

Key Strategic Site, Bodelwyddan

Former North Wales Hospital, Denbighshire

Parc Cegin, Bangor, Gwynedd

Holyhead Gateway

## Spending Objectives



### JOB CREATION

To create between 1,870 and 2,280 jobs by 2036



### GVA.

Create net additional GVA of £1.06-£1.29bn by 2036



### INVESTMENT

Investment of between £320m- £390m by 2036



### EMPLOYMENT SITES AND PREMISES

To deliver 30 ha land and 20,000 sq. m of employment in premises between 2021 and 2026



### RESIDENTIAL SITES

To 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.

# Western Gateway, Wrexham

- Provision of primary services and highway improvements to a development site adjacent to Wrexham Tech Park to enable the private sector to invest.

## Benefits:



5 ha of development land capable of sustaining circa 8,000 sq. m of commercial/business accommodation.



Serviced land for 48 new homes



360 net additional FTE jobs



£32.4m direct and indirect private sector investment

Growth Deal Funding: £9.1m  
Public Investment: £1.9m  
Private Investment: £32.4m  
Total Investment: £43.4m

# Warren Hall, Broughton, Flintshire

- Provision of primary services to a 65-ha mixed development site close to the A55 Junction 36. This will provide a large serviced development site removing risk and providing cost certainty in the market

## Benefits:



22.7 ha of employment/business land capable of accommodating up to 10,000 sq. m of employment space.



8.1 ha of residential development land to deliver 300 new low carbon homes



1.3 Ha local centre



445 net additional FTE jobs



£55m direct private sector investment

Growth Deal Funding: £15m  
Private Investment: £55m  
Total Investment: £70m

# Key Strategic Site, Bodelwyddan

- 137 ha mixed use greenfield development site close to Junction close to Junctions 25 and 26 of the A55. The proposed development scheme would provide 26 ha of employment land and land for 1,715 residential plots. A local centre, a primary school, medical centre, leisure and recreational facilities will also be provided.

## Benefits:



26 ha of serviced employment land capable of sustaining 9,500 sq m of business accommodation.



Circa 60 ha of residential development land capable of sustaining 1,715 homes.



280 net additional FTE jobs



£72m of direct private sector investment in Phase 1.  
£185m over the full scope of the development.

Growth Deal Funding: £10m  
Private Investment: £72m  
Total Investment: £82m

# Former North Wales Hospital, Denbigh

- A former Victorian hospital site comprising a number of Grade 2\* Listed buildings. The proposed development has a development partner selected by the Council

## Benefits:



50 net additional FTE jobs



Refurbished Grade 2\* Listed Building converted into 32 apartments



300 new homes on brownfield land



1,100 sq. m of commercial and business accommodation



£70m of direct private sector investment

Growth Deal Funding: £4m  
Private Investment: £70m  
Total Investment: £74m

# Parc Bryn Cegin, Bangor

- The provision of advance employment/business accommodation on a partially serviced business park with 17 ha net development land on the outskirts of Bangor close to Junction 11 of the A55.

## Benefits:



50 net additional FTE jobs



3,000 sq. m of advance new business accommodation

Growth Deal Funding: £6m  
**Total Investment: £6m**

# Holyhead Gateway

- Creation of a multi – purpose berth to accommodate cruise and freight ships of up to 370m.
- Highway improvements to link the port to the A55.
- Pedestrian improvements linking the railway station to the ferry passenger terminal

## Benefits:



11.7 ha land reclaimed from the seabed



Capacity to accommodate large freight and cruise ships



£45m of direct private sector investment



50 plus cruise ship visits with 39,000 visitors (and 18,000 crew visits)



925 net additional FTE jobs.



Indirect spend from cruise ship visits into the local visitor economy.

Growth Deal Funding: £35m  
Private Investment: £45m  
Total Investment: £80m



# Next Steps

## Final Deal

- Final Deal Agreement signed by December 2020
- Secure UK/WG investment of £240m
- Approval of the overall Growth Deal and 5 programmes

## Project Development

Individual project business cases to be developed for the 14 projects

Business cases developed to HM Treasury standards – 5 Case Business Model

Business cases will be subject to gateway reviews prior to approval

Approval of business cases will be made locally by the North Wales Economic Ambition Board.

## Project Delivery

Initial project business cases considered Jan-Mar 2021

Project delivery from April 2021

A large, light blue circular graphic is positioned on the right side of a dark blue background. The circle is partially cut off by the right edge of the frame. The text 'DIOLCH' and 'THANK YOU' is overlaid on the right side of the image.

**DIOLCH**

**THANK YOU**