



# Centres for Offshore Renewable Engineering

## Humber Prospectus

November 2011



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## Foreword



The Humber has a compelling offer for renewable energy companies, and it is our intention to be a British and European centre for this sector.

In the Humber sub-region we have available suitable development sites of all sizes, the fastest access to the North Sea's main offshore wind sites, first class port and transport infrastructure and a skilled workforce that is excited about the opportunities presented by renewables.

Through our partnership with HM Government, we are pleased to be able to offer the extra benefits that Enterprise Zone status brings on our best sites, including financial incentives and a fast-track planning process.

The national commitment to see the development of this sector succeed is more than matched by the enthusiasm and determination of the Humber Local Enterprise Partnership and its partners.

Having championed offshore renewable engineering within our growth plans, we are keen to work with potential investors to find the right locations for them and do everything possible to develop a renewable energy super cluster around the Humber.

A handwritten signature in black ink, appearing to read 'Alan Haskins', enclosed in a thin black rectangular border.

Lord Haskins of Skidby  
Chair, Humber Local Enterprise Partnership

# Introduction

Her Majesty's Government (HMG) and the Humber Local Enterprise Partnership (LEP) have identified the Humber Estuary and ports complex as a strategic location for the provision of new world class bespoke facilities to service the specific needs of the Offshore Renewables Sector.

Centres For Offshore Renewable Engineering - CORE

- Centres for Offshore Renewable Engineering are partnerships between Central and Local Government and Local Economic Partnerships that ensure businesses looking to invest in manufacturing for the renewables industry receive the most comprehensive support possible.
- We have initially focussed on five locations which we know are already the focus of the investment enquiries from renewable manufacturing businesses.

These areas will offer:

- o The right infrastructure for offshore wind manufacturing
- o Access to a skilled workforce
- o A strong local supply chain with an appetite for growth
- o Committed local political and business leadership

In addition, some of these areas contain Enterprise Zones, which may provide:

- o Enhanced Capital Allowances
- o Business rate tax relief for 5 years of up to £55,000 per annum.
- o Simplified planning regimes, for example through Local Development Orders (LDOs). These are flexible planning tools that provide upfront permissions for particular types of development – providing certainty for developers and reducing waiting times and costs.

More information on the national offer for investing in offshore renewables can be found in the CORE summary document, available from the BIS website. This provides further detail on market size, national schemes of support and the research and development landscape.

You can download brochures for the five CORE areas from the BIS website. This prospectus sets out a comprehensive offer by HMG and the Humber LEP - including its constituent local authorities - to the Sector to locate in the

Humber, specifically:

Section 1: Why the Humber is a prime location for the Offshore Wind Sector

Section 2: Details of the offer

Section 3: Dedicated support

Section 4: Key contacts



## Section 1

# Why the Humber?

**The Humber sub-region, on the east coast of the UK, is approximately 2,541km<sup>2</sup>, with 21,000 businesses producing an economy worth almost £9bn and a population of 595,400, of which 410,500 people are of working age.**

It sits in a prime location almost equidistant between London, Edinburgh, Dublin and Rotterdam, with the North European Trade Axis (NETA) and E20 Trans-European Network traversing westwards from mainland Europe.

The sub-regional capital, Hull, is the 10th largest city in England, with other population centres including the towns of Grimsby, Scunthorpe, Immingham, Beverley, Goole and Bridlington.

The Humber estuary, port locations and associated marine assets offer a significant competitive advantage, uniquely placing it to deliver an offshore Wind Super Cluster, providing accompanying economies of scale to the industry in combining the exciting developments on both banks of the Estuary.

### Key features include:

- **The UK's largest ports complex by tonnage** (69% larger than closest competitor), and the 4th largest in Europe.
- **Deep water ports**, optimally located closest to Round 1, 2 and the Round 3 which is the largest offshore wind sites with direct, unhindered access to the North Sea. 80% of all North Sea wind zones and 60% of the entire European market (2020) are within 12 hours' steaming.
- **The largest Enterprise Zone in England**, with fiscal incentives on multiple sites for new businesses, comprising Enhanced Capital Allowances and Business Rates Discounts, with significant land designated on both banks of the Humber for OEMs and supply chains.
- **Committed private sector investment of £130m** by ABP and proposed €60m investment by Siemens AG to provide new, substantial, and bespoke manufacturing facilities that will service the needs of the offshore Wind Sector at Green Port Hull. This includes delivery of new future proof quays for offshore manufacturers.
- The Port of Grimsby, closest to the mouth of the Humber, already established as an Operations and Maintenance (O&M) base, currently servicing Rounds 1 and 2 through Siemens, Centrica and RES.
- Significant private sector investment is planned to further improve the Port infrastructure in preparation for the projected growth in O&M. Significant land offering

optimal site layout for OEMs and their supply chains.

- A unique resource on the South Humber Bank, providing the **largest remaining** developable site bordering a **deepwater channel** in Europe. The 325 hectare site that will become the £430m Able Marine Energy Park providing a facility designed specifically to meet the needs of the Renewable Energy Sector.

- **Existing** advanced engineering and manufacturing floor-space.



- **Utilities, direct rail access and excellent motorway connections**, including a separate helicopter terminal at Humberside Airport, currently providing 30-40,000 helicopter passenger journeys to North Sea gas installations.
- Daily shipping services to Germany, Denmark and other Continental locations.

# Enterprise Zone Benefits

All Enterprise Zones will benefit from:

- A business rate discount worth up to £275,000 (€321,434, November 2011) per business over a five year period.
- All business rate growth within the Enterprise Zone for a period of at least 25 years will be retained by the local area, to support the LEP's economic priorities and ensure that Enterprise Zone growth is reinvested locally. The development of the renewable energy sector is the top priority of the Humber LEP.
- Government help to develop radically simplified planning approaches for the Zone, for example, Local Development Orders.
- Government support to ensure that superfast broadband is rolled out throughout the Zone, achieved through guaranteeing the most supportive regulatory environment and, if necessary, public funding.
- Enhanced capital allowances for plant and machinery in the Humber. With effect from 2012, the first three companies setting up in the designated Enterprise Zone sites will be eligible to claim enhanced first year allowances for plant and machinery, giving them an upfront cash flow benefit.
- Tax Increment Finance to support the long-term viability of the area.
- UKTI support for inward investment or trade opportunities in the Zone.

# Sites available in the Humber

| Site  | Size*<br>Hectares | OEM /<br>Supply Chain         | Incentives  |
|---|-------------------|-------------------------------|---|
| <b>Able Marine Energy Park and Logistics Park</b>                 | 325               | OEM/supply chain              | Enhanced capital allowances<br>Discounted business rates<br>Simplified planning |
| Europarc<br>Grimsby DN37 9TT                                      | 142               | O&M/Supply Chain              | TBC   |
| Paull<br>HU12 8AA   | 81                | OEM (2)                       | Enhanced capital allowances<br>Simplified planning                              |
| Green Port Hull, Alexandra Dock<br>HU9 1TA                        | 79                | OEM (1)                       | Enhanced capital allowances<br>Simplified planning                              |
| Port of Grimsby   | 79                | O&M Operator/<br>Supply Chain | Discounted business rates<br>Simplified planning                                |
| Brough<br>HU15 1EQ  | 35                | Supply Chain/<br>Incubation   | Discounted business rates<br>Simplified planning                                |
| Queen Elizabeth Dock (North)<br>HU9 5PB                           | 29                | OEM (1)                       | Enhanced capital allowances<br>Simplified planning                              |
| Queen Elizabeth Dock (South)<br>HU9 5PB                           | 20                | OEM (1)                       | Enhanced capital allowances<br>Simplified planning                              |
| <b>Rix &amp; Kingston International Business Park</b><br>HU12 8EE | 8                 | Supply Chain                  | Discounted business rates<br>Simplified planning                                |
| Former Hedon Rd Maternity Hospital<br>HU9 5BZ                     | 4                 | Supply Chain                  | Discounted business rates<br>Simplified planning                                |
| Burma Drive<br>HU9 4SD  | 4                 | Supply Chain                  | Discounted business rates<br>Simplified planning                                |
| <b>Valletta Street</b><br>HU9 5NA                                 | 3                 | Supply Chain                  | Discounted business rates<br>Simplified planning                                |
| Marfleet Environmental Technology Park<br>HU9 5LW                 | 3                 | Supply Chain                  | Discounted business rates<br>Simplified planning                                |
| Wyke Works<br>HU9 5NL   | 2                 | Supply Chain                  | Discounted business rates<br>Simplified planning                                |
| Staithe Road<br>HU12 8DX  | 2                 | Supply Chain                  | Discounted business rates<br>Simplified planning                                |
| Elba Street<br>HU9 5LY  | 2                 | Supply Chain                  | Discounted business rates<br>Simplified planning                                |
| Keystore<br>HU8 1UD   | 1                 | Supply Chain                  | Discounted business rates<br>Simplified planning                                |

\*Site size has been rounded up or down, as appropriate, to nearest whole number

## Case Study

# Green Port Hull Alexandra Dock

In January 2011, one of the world's largest wind turbine manufacturers, Siemens AG, announced that they had chosen Green Port Hull as their preferred location to develop a new offshore wind turbine nacelle manufacturing and export facility.

Green Port Hull, only 12 hours sailing time from three of the UK's largest Round 3 offshore wind turbine zones in the North Sea, will involve the complete regeneration of the existing Alexandra Dock complex, through the construction of a new riverside berth, reclamation of part of the enclosed dock water area to create new land, and the redevelopment of the existing dock land area as a manufacturing and export facility.

Alexandra Dock is directly adjacent to a natural deep water channel and is perfectly positioned for the receipt of and the subsequent dispatch of turbines for installation to the offshore wind farms.

The 56ha site already has outline planning consent for development of a 600m riverside berth, which will be amended to enable its use for the offshore wind sector. It is anticipated that construction work will commence in mid-2012, with the Green Port Hull facility becoming fully operational by late 2014/early 2015.

Green Port Hull has the potential to be amongst the biggest influences on the Humber economy for generations.

When fully operational, the facility will employ 700 people directly on site and create thousands of support roles within new and existing supply chain businesses. Hull and the Humber have the potential to be the renewables capital of the UK.

As well as Green Port Hull, there are several additional waterside development sites on the Port of Hull estate offering prime locations for the development of offshore equipment manufacturing facilities and associated supply chain businesses.

All these sites now benefit from Enterprise Zone status.



## Case Study

# Able Marine Energy Park

Able Humber Port (AHP), on the South Bank of the River Humber, forms the country's largest deep-water fronted, developable land bank.

Able Marine Energy Park (AMEP) offers 325 ha of developable land and 1279m of new deep-water quays and has been designed specifically to meet the demanding requirements of the Renewable Energy Sector. AMEP is the largest Enterprise Zone site in the UK.

deployment of new generation jack-up installation vessels. Up to 8 x 350Te cranes can be installed according to client demand.

Buildings can be ready in 2012 with the quays becoming available in Q2 2014.

To date £50m has been invested in preparing AMEP for the prompt construction of suitable industrial facilities for tenants.



AMEP will provide a base for manufacture, storage, assembly and deployment of next generation offshore wind turbines (OWTs) and their associated supply chain/s. It offers extensive land availability for investors to optimise their plant layout and to expand in phases as and when required.

Logistics savings will be maximised through the co-locating the manufacturers of Nacelles, Blades, Towers and potentially Foundations (Monopiles, Jackets and GBS structures) as well as key sub suppliers e.g. converters, gearboxes, generators, and nacelle canopies. Furthermore, the site has a potential direct rail link to TATA Steel, Scunthorpe - in short, the truly integrated cluster.

The 1279m long (-11.0mCD), concrete quays, with 20Te/m<sup>2</sup> load capacity (100Te/m<sup>2</sup> patch load), will be fully fit for purpose, future proofed, and particularly suited for the

The adjacent Able Logistics Park (ALP) offers a further 270ha of warehousing and external storage, together with a purpose built Business Park providing office facilities.

## Case Study

# The Port of Grimsby

The Port of Grimsby as the closest port to the mouth of the Humber estuary is ideally placed to deliver Operations and Management (O&M) services to wind farms in the North Sea.

Offering 24 Hour access and with a full marine supply chain based on the wider dock estate, Grimsby has been the port of choice for major O&M businesses for the past 3 years including Centrica, Siemens and RES.

Jan Kor Petersen, Siemens Wind Power, Site Manager for Lynn & Inner Dowsing

*"Centrica assessed four ports and Grimsby was chosen mainly because of its existing facilities and infrastructure."*

Jamie Rowlands, Siemens

*"Grimsby is one of the best operating bases we have at the moment. It is a benchmark for what we do elsewhere in the UK."*

Alan Thompson, Head of Renewables, Centrica

*"We were agents for Wind Solutions and that was a very successful project. We could see there was a need for a small, fast support vessel. The potential is huge for Grimsby. We can see it all coming to fruition and it is amazing."*

Kurt Christensen, Windpower Support Ltd

*"People have the right attitude. They know that if they wait, the value of their work will drop. They know that from the fishing industry and it's a good mindset. So far Grimsby has been the best place in the UK to work out of."*



Detailed brochure link:

<http://issuu.com/nelc/docs/off-shorewind?mode=window&backgroundcolor=%23222222>



## Section 2

# The Humber “Package”

HMG and the Humber LEP are working together to create the right conditions for the Offshore Wind sector to locate and invest in the area. This includes:

- A comprehensive Government offer
- Extensive infrastructure and logistics capabilities
- Existing consents relevant to offshore wind sector
- Speed and certainty of delivery for the sector
- A skilled and trained workforce
- An established marine engineering supply chain
- The right “place” to live, work, learn and play.

## A comprehensive Government offer

a. Enterprise Zone (EZ) status to the Humber – at over 270 hectares, the largest EZ in the country.

The EZ is focused on attracting OEMs and their supply chain, and will be one of the few areas of the UK that will have sites designated to offer Enhanced Capital Allowances (ECAs) for the first three companies investing on Enterprise Zone sites.

In addition, and unique to the Humber, a further multi-site EZ, the Humber Green Port Corridor Enterprise Zone will maximise the potential of the area and create the right conditions for the supply chain and Operation and Maintenance (O&M) operators to invest.

b. European Funding

The Yorkshire and Humber European Regional Development Fund Programme for 2007-2013 seeks to invest €583 million in the Programme area to boost economic performance, including moves towards a low carbon economy.

**Around €200 million remains to be committed**, and includes the potential to support the Offshore Wind sector in the Humber through support for research and development, innovation and competitiveness.

Approximately £258m is also available in Yorkshire and the Humber for the European Social Fund Programme for 2007-2013, including support to develop a skilled and adaptable workforce.

## Extensive Infrastructure and Logistics Capability

HMG and the Humber LEP recognise the need for high quality infrastructure provision to support the needs of the Offshore Wind Sector.

The Humber is already strategically well-connected with:

- The busiest and best-equipped freight and passenger centres in the UK, with additional capacity for growth.
- Excellent **sea connections** to Europe, Scandinavia and the Baltic states and links that extend throughout Europe, to North and South America, Africa, Australia, the Middle East and the Far East.
- Existing O&M operations for Round 1 and 2 Offshore Wind Zones out of Port of Grimsby, through contracts with Siemens, Centrica, RES. The Port is the closest in terms of steaming distance to the North Sea wind farms.
- **Enhanced rail freight access** on both banks of the Humber, with recent investments of about £24m.
- **Upgraded and well-connected road network:**
  - The South Humber Gateway is served by one of the least congested motorways in the UK, the M180 via A180/A160.
  - In Hull, the A63 runs through the City on the north bank of the river and was improved through the £45m A1033 Hedon Road scheme which connects to the Port of Hull.
  - The Paull site, on the eastern boundary of Hull, has a protected road corridor linking the site to the Port of Hull and ABP are developing infrastructure plans that will avoid the need to transport large components on the public highway.
- **International connectivity is also available** via Humberside, Leeds/Bradford, Robin Hood Doncaster, East Midlands and Manchester International Airports
- Direct Hull to London train service operating 8 times a day

- Access to the Advanced Manufacturing Park Technology **Innovation Centre** in South Yorkshire, and advanced manufacturing companies in the Leeds and Sheffield City Regions.

- **Access to next-generation superfast broadband** in Hull, and investment plans to improve connectivity in the rest of the Humber. North East Lincolnshire has 90% superfast broadband availability which, outside London, is the highest in the UK.

- In addition to the Enterprise Zone allocations the north bank of the Humber has a string of strategic employment sites along the M62/A63 corridor which link the Ports of Hull and Goole.

Infrastructure provision in the area is being further enhanced with:

- **Committed private sector infrastructure development** on the North Bank of the Humber of £130m and £430m on the South Bank of the Humber to provide world class bespoke facilities for the Offshore Wind Sector.

- Recently announced expansion plans for the Humber Port of Grimsby Docks O&M site, including plans for harbour improvements to accommodate the projected growth.

- Centrica has invested £3.5m to establish its O&M base in the Port of Grimsby

- A18-A180 Link, southern access road to the Humber Port of Immingham.

Through the Government's new Growing Places Fund, the Humber LEP will use its £5.8m allocation to **unlock** and facilitate the development of infrastructure projects related to its offshore wind ambitions. It will also explore the potential of available tools such as Tax Incremental Finance (TIF), Community Infrastructure Levy (CIL), and hypothecation of non-domestic rates.

## Speed and Certainty

The Humber LEP, working alongside HMG, recognises the need for speed and certainty of delivery to provide confidence for the Offshore Wind Sector to invest in the area. O&M is already operational within the Port of Grimsby, through contracts with Centrica, Siemens and RES.

Mitigating strategies for the area's ecology are well-advanced – including identification of compensatory habitat to offset any impact stemming from developments.

In the case of the Green Port Hull development, this has actually already been agreed and provided. Flood risks have been considered and appropriate measures are in place to enable mitigation.

The Planning Application for Green Port Hull will be submitted before the end of 2011. Construction of both the riverside berth and the nacelle factory itself is scheduled to commence in 2012 to ensure deployment of turbines offshore in 2014.



The planning application for the Able Marine Energy Park is currently (November 2011) under submission to the Infrastructure Planning Commission and will be subject to fast-track approval.

More widely, the Humber LEP will – through use of Local Development Orders (LDOs) – deliver a business-friendly planning regime for the Offshore Wind Sector.

This will make the presumption in favour of development a reality by removing the need for specific planning permissions. Local Development Orders will be in operation for the launch of Enterprise Zones in April 2012.

Importantly, there is substantial and widespread public, business and cross-party political support across the Humber to the Offshore Wind plans for the area.

## Case Study

### Centrica signs long-term lease for operations and maintenance base in Grimsby

Centrica, the energy group whose businesses include British Gas, has signed a long-term lease that will enable it to build an operation and maintenance base at Grimsby docks to serve its wind farms in the Greater Wash. The facility will be completed by the end of this year.

Centrica operates the 194MW Lynn and Inner Dowsing wind farm, which was completed in 2009 and is three miles off the Lincolnshire coast. It is also building the nearby 270MW Lincs wind farm, which is expected to generate its first power by the end of 2012. The company currently runs operation and maintenance for the wind farm projects out of third party facilities in the dock, but the new base will provide more specialist services.

The site has capacity for over 100 staff, allowing provision for contract workers and additional workforce during peak times. This investment from one of the UK's major players in the energy industry, will provide long-term sustainable and well-paid jobs for the area and moreover it is anticipated to be a catalyst for many more jobs for those businesses in the relevant supply chains.

Mick Turner, Head of Operation and Maintenance, Centrica Renewable Energy, said: *"Grimsby provides excellent infrastructure for our operations and maintenance facility and has a strong skill base. The onshore wind industry is growing apace and Grimsby is well-placed to benefit from it. But in order to achieve this potential, it is vitally important that further investment in the docks is forthcoming to ensure they are fit for purpose and can accommodate the large number of vessels required."*

John Fitzgerald, Port Director, Associated British Ports, Grimsby & Immingham, said: *"This is really good news for Grimsby and further confirmation of the Humber Ports' pivotal role in the development of UK's offshore wind industry. From potential turbine manufacture at Greenport Hull to O&M bases here in the Port of Grimsby, ABP are working with major players such as Centrica to develop the supply chain cluster which will firmly establish a new industry in this area."*

Martyn Boyers, Chief Executive, Grimsby Fish Dock Enterprises Ltd, said: *"This is great news for us as a company, great news for the Port and the Docks and great for the community of Grimsby. From this initiative we can improve the infrastructure and put in place the building blocks of the future by developing the facilities, services and skills to support the wind farm industry. It is a significant milestone in the future of this town and creates real opportunities."*

Michèle Cusack, Assistant Executive Director of Regeneration, said: *"This is fantastic news for Grimsby and the wider region. Centrica's announcement has confirmed that North East Lincolnshire is the place to do business when it comes to the renewables industries. Centrica's plans will further endorse our intentions for the area to become a centre of excellence for renewables and we will continue to work hard to ensure the local workforce is well placed to seize the opportunities that are presented."*

Work on the Lincs wind farm began last year with the construction of an onshore substation. Offshore work got underway this year and the first turbine foundations will be laid this week. When the wind farm is completed next year, it will meet the annual electricity demand of around 200,000 homes.

## Skilled and trained workforce

The Humber is well-placed to provide the broad range of transferable advanced manufacturing and engineering skills required by the Onshore Wind Industry.

It is already home to key leading players in shipping and logistics, chemicals, tidal energy, waste to energy, steel, and aerospace industries as well as having a multi-skilled O&M workforce already operating out of Grimsby. Wages, on average, are not as high as some other regions, and the short distances to work means there is a ready supply of

local labour available on demand.

The LEP has recognised though the need to put in place a comprehensive plan to create the infrastructure to ensure the skills opportunities presented by Offshore Wind are maximised locally.

This will ensure that the area can provide the right skills, to the benefit of the Sector and the region.

Higher and Further Education and Sector Skills providers are also working to ensure the right skills requirements are developed.

### Case Study

CATCH – Centre for the Assessment of Technical Competency (Humber)

The idea of CATCH was first established in the late 1990s when the chemical industry cluster group recognised a training gap and the need to attract new entrants to replace a skilled but ageing local workforce, as well as providing a training environment which much more closely mirrored a real operating chemical environment. Led by the Humber's chemical cluster organisation, Humber Chemical Focus (HCF), a local partnership was established to develop the CATCH concept further and seek public and private sector

funding to build and establish the centre.

In 2005, this collaboration and partnership delivered a successful funding package of over £8 million to establish the new CATCH facility at Stallingborough in North East Lincolnshire, the hub of the regions chemical cluster. Since April 2006, the facility has seen over 380 apprentices complete a year's training provided by local training providers in a close to real work environment.

CATCH is now on its third expansion plan reflecting this success and the quality of the cluster partnership that underpins this local innovative enterprising approach to training that matches industry need.

Regional Growth Funding (RGF) support in the Humber is being used for Onshore Wind Sector skills and training programmes including delivery of **600 apprenticeship places in engineering and 1000 up-skilling qualifications** (through specialist skills training, including grant assistance) to be achieved on the North Bank in support of the Green Port Hull project.

Local provision includes:

**HETA - Humberside Engineering Training Association** - Provides highly specialised training to companies located around the Humber at its bespoke training centres and also utilises the CATCH facility at Stallingborough and Tata Steel to support the delivery of advanced apprenticeships.

**HOTA (Humberside Offshore Training Association)** – A training centre for offshore, maritime, general industry and commerce which trains over 5,000 delegates per year, including large multi-national companies in Hull.

**University of Hull** – Provides first class qualifications in business, engineering, geography and sustainability. It hosts a world class fluid modelling tank already used by tidal power designers as well as leading R & D in engineering. The Logistics Institute, based at the University provides expertise in logistical and supply chain support, research, development, consultancy and supply of graduate level skills for the renewable sector. It also has a state of the art Simulator Demonstration Centre.

In addition, the University of Hull is establishing an Industrial Doctorate Training Centre. to provide a strong base for research and development in the region's renewables sector. Other key research areas are:

- Design and testing of turbine bases under tidal and wave conditions
- Condition monitoring of wind turbines
- Environmental impact assessment and resilience of structures
- Virtual environment training development for offshore working
- Optimisation of structures and materials

**Grimsby Institute Group** - Has an extensive network of regional and international stakeholders involved in renewable energy and works in partnership with renewable energy companies involved directly with the wind turbine operations and maintenance industry. They are also working with the National Skills Academy for Power, awarding bodies, and other stakeholders to develop wind/offshore wind apprenticeships.

**Hull College** – One of the top colleges in the UK, it provides first class vocational training and employer engagement in the fields of Engineering, Freight, Port and Logistics and is a Member of National Skills Academy for manufacturing, process industries, power and logistics.

**Hull Training** - One of the largest and most successful providers in the Humber for over 30 years. It has an Engineering Training Centre covering all areas of engineering including mechanical, maintenance, fabrication and process.

All of these can offer an innovative approach to bespoke training to meet your needs through strategic partnerships and supply chain support.

## An established Supply Chain

O&M activity is already taking place in the region. There is a broad base of Humber businesses and organisations involved in related sectors including, Cosalt Wind Energy, TATA, Russell Ductile and Wind Power Support Ltd.

The Humber LEP aims to provide a rich source of accredited suppliers involved with the newly emerging global 'green industries'. Recently approved Regional Growth Fund proposals will:

- Provide Business Investment Grants to lower the relocation and expansion costs for Tier 1 and 2 supply chain companies
- Help local businesses to diversify and enter the offshore wind supply chain.

Grimsby Renewables Partnership (GRP) – Bringing together North East Lincolnshire Council, Associated British Ports, Grimsby Fish Dock Enterprises and key local businesses in the supply chain, GRP has promoted the benefits of the ports of Grimsby and Immingham to the UK industry for over 3 years.

- Delivery of services to install and service wind turbines including operational engineering, HSE consulting and logistics.
- Specialist maritime services to the renewable industry
- Agency services for all types of vessels and rigs across all parts of the United Kingdom.



## The right “place” to live, work and play

Hull, the sub-regional city, has been a major European port for seven centuries. It is a vibrant riverside city and provides galleries, museums, concerts, theatre, cinema and festivals, and superb retail facilities.

In addition to its highly developed industrial and commercial infrastructure, the Humber has outstanding assets in terms of its built, natural and cultural heritage.

The urban, rural and coastal 'mix' of the Humber sub-region provides a wide and accessible variety of landscapes and lifestyles.

Outdated perceptions, particularly of the urban areas of the sub region are being revised, as Hull in particular continues to experience economic and cultural transformation.

### Housing

The Humber offers some of the most affordable and high quality housing in the country. In Hull, this varies from quality city centre apartments to family housing in both modern developments near the City Centre, to historic Victorian Avenues in the suburbs.

The East Riding is able to offer a vibrant mix of village life in the Yorkshire Wolds market towns such as Beverley and Driffield and picturesque coastal resorts.

Grimsby, Cleethorpes and Immingham can offer any type of urban accommodation required at cost far lower than the national average.

The Lincolnshire Lakes project aims to create a major new sustainable waterside neighbourhood and urban extension for Scunthorpe.

Through the development of a number of lakes, there will be the creation of quality housing and employment space, plus opportunities for leisure, sport and recreation all in an ecologically sound environment.

## Leisure and Attractions

The Humber is home to some of the finest museums in the region. Hull's Ferens Art Gallery has recently exhibited David Hockney's monumental "Bigger Trees Near Water" and will be hosting more of his vivid painting - in addition to works by Warhol and Leonardo da Vinci - in 2012. 'The Deep' is one of the world's most spectacular aquariums, a 'submarium', and is housed in a dramatic building overlooking the Humber Estuary.

The Humber has excellent sports and recreation facilities, including an ice arena, golf courses and swimming pools. Sporting attractions include football and rugby league, as well as the beautifully situated horse racing track at Beverley.

As a regional tourist centre, North East Lincolnshire has many and diverse attractions, offering a host of leisure opportunities from traditional seaside resort activities on Blue Flag standard beaches, to the Fishing Heritage Centre, to the beautiful Lincolnshire Wolds, a designated Area of Outstanding Natural Beauty, providing the perfect setting for a quiet, country life in unspoilt villages.

## Conferencing Facilities

The Humber has a wide variety of conference and meeting facilities, including on the Humber itself with P&O Ferries.

There are excellent hotels and bed and breakfast businesses throughout the sub-region catering for all requirements, as well as restaurants offering the best of Yorkshire and world food.



## Section 3

# Dedicated support

There are dedicated teams across the Humber integrated in local supply chains, partnerships and networks that will provide a first-class support service to meet the needs of potential investors. Specialist support is also available to support potential investors.

The Green Port Hull Partnership, comprising Associated British Ports (ABP), Hull City Council, East Riding of Yorkshire Council and the University of Hull was created in December 2010 to showcase the potential of the City to house the rapidly growing renewable energy sector in terms of facilities, expertise, certainty on delivery and overall ambition.

Very shortly after this launch, the Port of Hull was selected by Siemens AG as their preferred UK development location following a rigorous short-listing from over 100 other port facilities.

## Section 4

# Contact details

## Humber Local Enterprise Partnership (LEP)

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