

Project Update

Construction begins!

An artist's impression of the Siemens site at Green Port Hull.



In a historic moment for our city, Siemens, Associated British Ports (ABP) and the UK's renewable energy industry, building work has begun on Siemens' £160m blade factory, offshore installation and service facilities at Alexandra Dock, Hull. The development is likely to be the single biggest influence on the local economy for generations.

Creating 1,000 new jobs, along with a wealth of opportunity for local people and businesses, the project cements Hull's role at the heart of the UK's renewables sector and will be a catalyst for further growth and investment throughout our region.

As work begins at Alexandra Dock, it was announced that the first wind farm to benefit from activity in Hull will be Dudgeon, off the Norfolk coast, using the facility and quayside

for part of its installation.

The £310m investment by ABP and Siemens will create green jobs and growth, as well as providing the infrastructure for secure, sustainable and low-carbon energy. The development will also help to drive down the cost of offshore wind. It marks the beginning of a new industry for the UK, based in the Humber region.

ABP has appointed the GRAHAM Lagan Construction Group Joint Venture to develop the Alexandra Dock site for the Siemens facilities and enabling work has now begun. Work to be carried out by the Joint Venture contractors will include the partial reclamation and infill of the existing dock, three new berths and a roll-on, roll-off ramp.

The use of the site for renewable industries was

granted outline planning permission under a Local Development Order in 2012. Details of layout, scale, appearance and landscaping for the Siemens turbine assembly and servicing facilities were approved in September of last year. Siemens is now preparing to submit similar details for

the blade factory and offshore and servicing building, with construction of the buildings due to begin later in 2015, and the facilities becoming fully operational early 2017. Siemens has already begun hiring for jobs based in Hull, with recruitment continuing through 2015 and 2016.

The ground-breaking ceremony



“ Hull is on the up – and Siemens and all of the partners have played a crucial part in that. The impact of this development on our city and our region will be nothing short of transformational ”

Leader of Hull City Council,
Councillor Stephen Brady,
22nd Jan 2015

Footpath diversion

The public right of way is being diverted from its current route along the river frontage to run around the northern edge of the Alexandra Dock site, approval having been granted by the Secretary of State.

The new enhanced public footpath and permissive cycleway will be built to a very high standard and will incorporate lighting, seating, direction signing, landscaping and a viewing area over the Alexandra Dock site. The route will also feature interpretation boards explaining the history of Alexandra Dock, as well as public art installations using items of historical interest salvaged from the existing dock site. ABP has involved students from the Hull College of Art and Design to develop concepts for the public art installations.

Construction work on the diversion route is well advanced and is being carried out by local company CR Reynolds. The new footpath and permissive cycleway is due to be opened in early Summer 2015.

The project unfolds...



Key

- Permission for buildings consented under Port of Hull Local Development Order, Sept 2014
- Permission for buildings to be sought under Port of Hull Local Development Order, Spring/Summer 2015
- Public Right of Way Diversion consented, Oct 2012

Single site makes sense

After consulting with ABP, Siemens has announced plans to incorporate a leaner, more efficient wind turbine blade manufacturing facility at Green Port Hull, by developing on a single site at Alexandra Dock.

Detailed plans will be submitted shortly to Hull City Council. The revised plans will allow the blade plant to sit alongside the offshore installation and servicing facilities that will be developed at Alexandra Dock.

The decision to revise plans is part of Siemens' on-going desire to continue to make its processes and products as productive and cost effective as possible.

The previous plan was driven by the size of the facility needed to build, transport and store blades, which are 75m long. Being on one site was always the preferred option, but before a redesign, there was not enough space. However, by incorporating the lessons learnt from the sister factory in Denmark, a new building configuration has allowed the

blade factory to be positioned on Alexandra Dock.

Being based on one site has many operational benefits, which collectively make a contribution to reducing the overall cost of a completely new UK industry.

Siemens Project Director, Finbarr Dowling, said: "By deploying the latest manufacturing technologies, we have been able to design our new blade plant to have 20% higher output in a plant which is 15% smaller than the original design. It is exactly this type of

continuous improvement that will enable us to industrialise the manufacturing of offshore wind turbines. This will lead to a reduction in the cost base of offshore wind and ensure that the industry and, in particular, our new world-class plant in Hull, will be competitive into the future.

"Work has already begun on Alexandra Dock, preparing the area for the building of our new facilities. This announcement underlines our long-term commitment to the Humber region and the UK offshore wind industry."

The impact of wind power on the region

The Green Port Hull vision is to establish Hull and the East Riding of Yorkshire as a world-class centre for renewable energy, creating wealth and employment for the region.

Through the Green Port Growth Programme, £25.7m has been secured for skills and employment, business support, and research and development, to ensure that local people and businesses gain maximum benefit from the renewable energy sector. In addition to this, the University of Hull is working to ensure that the knowledge element of the sector establishes itself in Hull.

Meanwhile, the employer-driven Ron Dearing University

Technical College will cater for students aged 14-19 and specialise in digital technology and mechatronics – a combination of mechanical engineering, computing and electronics – and will put Hull at the centre of the tech revolution.

With a fantastic natural location, established infrastructure, knowledge, expertise and the capability to handle a diverse energy mix, such as wind, tidal, biofuel and biomass, the Humber is capitalising on its strengths to put the region on the world stage for renewable energy.

The Siemens investment is just the beginning.



Building for the future...



The first members of the team, who will deliver the Siemens wind turbine manufacturing and assembly facility in Hull, have moved into new offices in the city. Siemens has leased premises at Two Humber Quays on Hull Marina, with the first five members of the Siemens Hull team already based there and further appointments to be made in the near future.

Siemens began recruiting for operational jobs based in Hull before Christmas, just under two years before its blade manufacturing and wind turbine assembly operations in the city are due to become operational. 14 positions have been advertised, for what Siemens described as the "vanguard" of a phased recruitment operation which will eventually see

the company employ 1,000 people in Hull.

Michael Hannibal, CEO Offshore of the Siemens Wind Power and Renewables Division said: "The start of construction on the Hull site is a landmark in the development of what will be world-class offshore wind turbine manufacturing and assembly facilities. We are also pleased to be able to announce so far in advance the destination of the first turbines to be shipped from Hull.

"The UK offshore wind market has seen strong growth, with even greater future potential. By 2020, 14 gigawatts of wind power capacity is to be installed in UK waters, to achieve environmental objectives and security of power supply.

"Our Hull facilities will contribute significantly to the growth of the offshore wind industry in the UK and to the shared objective of Siemens, the industry and the Government of driving down the costs of renewable energy."

Project Timetable

2012/13	2014	2015	2016/17
<ul style="list-style-type: none"> • Local Development Order approved • Approval for ABP works granted for the redevelopment of 54 hectares at Alexandra Dock 	<ul style="list-style-type: none"> • Siemens given go-ahead for development • Planning permission granted for assembly and service and logistics buildings • Siemens decision to consolidate all activities on Alexandra Dock • ABP award enabling works, marine and ancillary contracts 	<ul style="list-style-type: none"> • Ground-breaking ceremony • Detailed planning permission sought for blade factory and amended services and offshore buildings • Siemens construction starts • Environmental permit to The Port Health Authority 	<ul style="list-style-type: none"> • First offshore installations planned from autumn 2016 • Final stages of construction and commissioning • Facility fully operational by spring 2017



What will it look like?



Feeling the benefits

The economy

Siemens will invest £160m and its port partner, ABP, is spending a further £150m on the Alexandra Dock development.

The combined investment of £310m will create 1,000 jobs directly, with additional jobs developing during construction and indirectly in the supply chain.

The environment

The development is seen as an investment in home-grown green energy, reducing our reliance on foreign imports and helping to keep Britain the number one country in the world for offshore wind. It will ensure that future generations benefit from more secure and sustainable, low-carbon energy.

The feel good factor

Hull is establishing itself as a place where great things are happening:

- The build-up to UK City of Culture 2017
- The upgrade works for Castle Street and the A63
- The recent announcement on the rail electrification from Selby to Hull
- RB plc (Reckitt Benckiser) £100m state of the art Centre of Scientific Excellence
- Unprecedented investment in Alexandra Dock

Keeping you informed

We have had overwhelming support for Green Port Hull and are committed to keeping you up-to-date. If you would like to know more about what we are doing, you can visit: www.greenporthull.co.uk

You can also follow us [@greenporthull](https://twitter.com/greenporthull) on Twitter for news updates.

If you have any questions or comments about Green Port Hull, you can email us at info@greenporthull.co.uk or call the information line on **+44 (0) 1482 608585**

Useful links and numbers	
Siemens	www.siemens.co.uk/hull
ABP	www.abports.co.uk
Green Port Hull	www.greenporthull.co.uk
Siemens Recruitment	www.siemens.co.uk/hulljobs
Green Port Hull Information Line	+44 (0) 1482 608585
Hull City Council Planning	www.hullcc.gov.uk/planning
Hull City Council	+44 (0) 1482 300300