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# Pushing Offshore Wind Energy Regions (POWER)

Newsletter no. 1, 2007

## First Exhibits of the Project "Wind Force | The Exhibition"

The Senator for Environment of the State of Bremen Ronald-Mike Neumeyer and Mayor of the City of Bremerhaven Jörg Schulz inaugurated the first three elements of the wind energy exhibition "Wind Force" the 6th March 2007 in Bremerhaven. With "Wind Force" citizens will have not only the opportunity to catch up on wind energy but to get active and feel how many power is in the wind. The exhibition shall attract attention as a future part in the science centre "Klimahaus 8° Ost" in Bremerhaven, which will open its doors to the broad public in 2008.

The entire concept for "Wind Force | The Exhibition" can be viewed at the following [link](#).



## POWER Denmark/UK offshore wind business network event

Businesses from two world-leading regions within the offshore wind market, Denmark and the East of England, met in a POWER event on 28 Feb and 1 March 2007 in Esbjerg (Denmark) to strengthen industry networking between the two regions.

One-to-one meeting sessions gave companies from the two regions the opportunity to establish new business contacts and discuss potential contracts. The event also introduced the markets in the two regions and featured presentation from key players in the Danish market including DONG Energy, who will develop the Gunfleet Sands Offshore Wind Farm off the coast of Essex, Siemens Wind Power, as a wind industry leader, Esbjerg Safety Consult and Survival Training Maritime Safety.

The Business Networking Event was attended by 40 delegates (approximately half from each of the regions), from companies, institutions and authorities active in offshore wind. During the two days event, more than 50 one-to-one business meetings took place.

Delegates gave very positive feedback. Trevor Bayfield of Great Yarmouth based company ot2k commented: "By being represented at this event ot2k hoped to offer Danish companies our experience in SubSea support for Offshore Wind farms, for new and existing projects. The conference was very worthwhile for us, with new business contacts made, and potential contracts already in discussion."

The event followed a successful networking event in Lowestoft in October, when German companies visited the East of England. It was organised by Offshore Center Denmark in cooperation with the East of England POWER partnership (Suffolk County Council, East of England Energy Group (EEEG), OrbisEnergy, Renewables East and Waveney District Council).

Presentations and more photos from the event are available on the POWER website [PLEASE ADD DIRECT LINK](#).

Details about the activities in the two countries (and the rest of the world) can be found on the following [link](#).

Pictures can also be found at the following [link](#). For viewing the pictures in a larger scale see following [link](#).

## Power at All Energy 2007

POWER invites companies and organisations to visit its stand at All Energy 2007, the largest renewable energy exhibition ever held in the UK, in Aberdeen, on 23 and 24 May 2007. POWER will have its own small exhibition stand, integrated within the East of England Stand D6 which will showcase more than 20 companies mainly from the offshore renewables supply chain. The POWER network has also been invited to present at the free All Energy conference. For more information, please visit the All Energy website at [www.all-energy.co.uk](http://www.all-energy.co.uk)

## POWER presenting at EU conference

POWER was invited to present at the EU Commission conference "Regions for economic change: Fostering competitiveness through innovative technologies, products and healthy communities", on 7 & 8 March in Brussels. John Best, of the East of England Energy Group, presented as expert speaker on behalf of the project in the "Low Carbon" session. Feedback was very positive.

## Offshore Wind Master Class at Lowestoft College



Lowestoft College, Suffolk will be the venue for the UK's first POWER master class which will run over three days from Wednesday 30th May to Friday 1st June 2007.

The master class will feature training sessions led by experts working in the offshore wind sector in the UK, the Netherlands and Germany, reflecting the trans-national nature of both the industry and the POWER project.

Training sessions will explore the key aspects of offshore wind including: the UK offshore wind market, constructing, operating and maintaining offshore wind farms, turbine support structures and foundation technologies, electrical generation technologies alongside safety training for the marine environment.

The master class is open to companies already involved or interested in becoming part of the offshore wind industry and students studying engineering at college or university in the POWER regions.

Ian Pease of Lowestoft College who is organising the master class said, "Offshore wind represents a significant opportunity for the engineering and maritime communities. The East of England's experience in offshore gas and marine logistics means that we are well placed to capitalise on the opportunity. The master class will provide delegates with an understanding of the technologies and challenges involved in offshore wind."

For a course outline and joining details contact Ian Pease at Lowestoft College:  
Telephone +44(0)1502 525006 or email [i.pease@lowestoft.ac.uk](mailto:i.pease@lowestoft.ac.uk)

### **New Areas for Experimental Wind Turbines in Denmark**

On the 23 of March Flemming Hansen, Danish Minister of Transport and Energy, and Connie Hedegaard, Danish Minister of Environment, met with five Danish mayors and two town councillors regarding the placement of wind turbines in their respective municipalities. The meeting was set in continuation of the inter-ministerial working group's proposition of placing experimental wind turbines in 8 different areas in Denmark.

Flemming Hansen, Minister of Transport and Energy, stressed that the industry needs new areas for the experimental wind turbines to test their wind turbines at a height of 150 meters in order to maintain the Danish leader position in the field of wind energy. Thereby the government's goal of having doubled the employment of sustainable energy before 2025 is more plausible. Connie Hedegaard, minister of Environment agrees that the selection of areas to demonstrate the big wind turbines at a height of 150 meters is in Danish national interest. She is happy for the support that the mayors have shown.

The selected areas are chosen since they are the most appropriate. These areas are:  
Two areas on western Lolland, one area by Asnæsværket near Kalundborg, one area in the harbour of Esbjerg, one area in Nissum Bredning by Cheminova, one area north of Limfjorden by Nordjyllandsværket and finally an area in the harbour of Frederikshavn.

In regard to the areas in Nissum and Frederikshavn the placements are at sea with special emphasis on offshore turbines. The Danish Energy Agency has the authority. It is expected that the first wind turbines will be up running within the next year.

### **POWER Conference 2007 – The North Sea competence network of offshore wind energy**

Offshore wind energy projects in the North Sea are happening. The POWER competence network is helping to strengthen the leading role of the North Sea Region and its regional supply chains in this rapidly evolving market.

The POWER Conference in summer 14-15 of June 2007 in Bremerhaven will showcase the achievements of the network over the last three years, and provide a North Sea perspective on key issues of offshore wind energy, with a focus on:

- ∞ Good practice in planning and developing offshore wind farms
- ∞ Towards a North Sea wide supply chain
- ∞ Skills development and qualification needs for the sector
- ∞ Case studies from leading offshore wind regions in the North Sea area

For further information and booking POWER Conference 2007 see following [link](#).

<b>POWER meetings and events</b>
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POWER public events

Date:	Country:	Event:
26/04/2007	DE	<b>POWER WP.3 Workshop "Harmonisation of Training for the Offshore Wind Energy Industry"</b> .The Workshop will present and discuss results from the POWER project related to qualification requirements and harmonisation of training. Location: Bremen. Organisation: Wind Training Centre Bremen.
30/05-01/06/2007	UK	<b>Offshore Wind Master Class at Lowestoft College.</b> The master class will feature training sessions led by experts working in the offshore wind sector in the UK, the Netherlands and Germany. Training sessions will explore the key aspects of offshore wind including: the UK offshore wind market, constructing, operating and maintaining offshore wind farms, turbine support structures and foundation technologies, electrical generation technologies alongside safety training for the marine environment. The master class is open to companies already involved or interested in becoming part of the offshore wind industry and students studying engineering at college or university in the POWER regions.
23-24/05/2007	UK	<b>All Energy 2007.</b> POWER invites companies and organisations to visit its stand at All Energy 2007 in Aberdeen, the largest renewable energy exhibition ever held in the UK. POWER will have its own small exhibition stand, integrated within the East of England Stand D6 which will showcase more than 20 companies mainly from the offshore renewables supply chain. The POWER network has also been invited to present at the free All Energy conference.
12/07/2007	UK	<b>EEEGr Summer Conference 2007</b> , in Norwich. Programme and details still to be finalised.

More information about these events (and URL links to the concerning websites) can be found on the POWER website. See following [link](#).



### Sustainable Energy Europe (SEE) 2005-2008

Power has been accepted as being a sustainable energy partner. Sustainable Energy Europe is a European campaign to raise awareness and change the landscape of energy. More information is available on [www.sustenergy.org](http://www.sustenergy.org).