

ECOWINDS FINAL CONFERENCE: INCREASING INNOVATION IN THE OFFSHORE WIND SERVICING SECTOR

REGISTER FOR THE FREE CONFERENCE ON 29TH – 30TH SEPTEMBER 2015
ORBISENEGY, LOWESTOFT, UK



European Clusters for Offshore Wind Servicing



This project is funded by the European Union

Pre-Conference Drinks Reception free to attend for all ECOWindS conference delegates on Monday 28th September, 6pm – 9pm, OrbisEnergy, Lowestoft

Main Conference Programme

Tuesday 29th September 2015

Venue: OrbisEnergy Conference Room, Lowestoft, Suffolk, NR32 1XH

08:30 Registration Open

09:00 Welcome Address given by Morten Basse, CEO of offshoreenergy.dk the project management organisation for the ECOWindS project and chairman of the Danish Cost Reduction Forum.

09:20 Session 1: Cost Reduction through Innovation in Offshore Wind Servicing

This technical session addresses innovation & cost reduction in offshore wind servicing, presenting how targeted RD&I in installation and O&M practices can achieve cost reductions.

Senior figures from the offshore wind industry including from MHI-Vestas, Siemens Wind Power, Scottish Power Renewables, and James Fisher & Sons, will present their perspectives on the most significant opportunities for cost reduction, and detail innovations they are already bringing in to address their cost challenges.

10.50 Coffee Break

11.10 Session 2: ECOWindS Joint Action Plan & Importance of EU Collaboration

Speakers from the project consortium present the key results of the ECOWindS project, including the ECOWindS Joint Action Plan; a roadmap for cost reduction in offshore wind servicing.

They are joined by The Crown Estates to discuss the relevance of EU collaboration in RD&I, including in initiatives such as the Offshore Wind Programme Board and the newly established industry collaboration SEASTAR Alliance. Industry speakers and the South Danish University EDI Project will also contribute outlining the importance of these projects and consortiums in the wider context of the offshore wind industry.

12.40 Lunch

13.40 Session 3: Industry Panel Debate

A panel of industry figures including from DNV GL, the CEO of OffshoreEnergy.dk, and participants from MHI-Vestas, Siemens Wind Power and Scottish Power Renewables take to the stage for the conferences panel debate. The panel will take questions around the content of the earlier sessions as well as open questions from the floor.

14.40 Coffee Break

15.00 Session 4: Knowledge is Power – Innovation and the Challenge of Big Data

The final session explores the challenges of the collection, analysis, and use of Big Data from offshore wind assets and vessels, & the demands for innovation in this area. Expert speakers in this field from industry and academia including Fraunhofer IWS, Cefas, the University of East Anglia in partnership with James Fisher Marine Services, South Danish University in partnership with Siemens Wind Power, and the Norwegian company Recogni present on the developments and opportunities in use of Big Data. A panel discussion will follow drawing on the findings of ECOWindS and other current research in this area, exploring future innovations using big data to improve offshore wind installation and servicing operations.

17:00 Conference Close

Day 2: Wednesday 30th September 2015 - Side Events Programme

In addition to the sessions on the main conference day, conference delegates are also invited to optional side events on day 2, Wednesday 30th September 2015.

Encouraging Innovation in Offshore Wind Supply Chains: Innovation Showcase & Exhibition

On the theme of encouraging innovation in offshore wind supply chains, OrbisEnergy host a business exhibition, showcasing recent innovations in the field of offshore wind servicing. The exhibition features a keynote speech from the Offshore Renewable Energy Catapult on the industries progress towards cost reduction, alongside speakers from the ECOWindS project presenting future innovations needed in the sector, and funding and support mechanisms for innovation in offshore wind.

The exhibition includes innovations in blade access and repair from AT Site, products to eliminate the risks of scour erosion from Scour Prevention Systems, innovations in generator design and operation from Greenspur Renewables, subsea engineering from SubC Partner, seabed mapping and navigation from Geo-4D, and many more.

Mini Skills and Health & Safety Conference

Training of personnel and health & safety offshore are key considerations in offshore wind servicing. This side event, hosted by Lowestoft College, features a presentation of a comprehensive new simulation training tools developed by the ECOWindS project, incorporating simulation models for training in key installation and servicing operations.

The morning event also includes a tour of the training facilities at Lowestoft College, including their Sea survival training pool, offshore wind training tower, dynamic positioning equipment, offshore wind control room and their own ships bridge simulator. We also welcome SSE, who will present their new perspectives on managing H&S offshore.

Lunch refreshments will be provided at Lowestoft College

Port Tour & Visit to an Offshore Wind Farm

ABP, operators of Lowestoft Port, and Scottish and Southern Energy (SSE) will host this side event including a tour of the port and a visit to Greater Gabbard Wind Farm operations base.

Weather permitting, the event will also feature a boat trip to Scroby Sands Offshore Wind Farm, this will be carried out using vessels from Enviroserve and Dalby Offshore.

Spaces for this side event are very limited and will be awarded on a first come first served basis. Delegates attending this event must wear sensible clothing and flat shoes.

Lunch refreshments will be provided after the event at OrbisEnergy

	Venue: OrbisEnergy	Venue: Lowestoft College	Venue: ABP Ports
09:00			
10:00	Keynote talks and exhibitor presentations begin at 10:00	Registration for the Skills and H&S conference opens at 08:45 Refreshments and lunch provided	Port Tour - delegates meet at OrbisEnergy at 9:30
11:00			
12:00			
13:00			
14:00	Talks and exhibitor presentations are repeated at 14:00		
15:00			
16:00			
17:00			

Full Conference Programme & Registration: <http://ecowinds.eu/final-conference>



Danmarks Tekniske Universitet

