

Press release - 01/05/2014

DONG Energy installs second FLiDAR wind measurement buoy in Irish Sea



The FLiDAR buoy deployed in the Irish Sea, UK

Less than six months after the order by DONG Energy of a second FLiDAR wind measuring device the buoy has been installed on site and is fully operational. DONG Energy also signed a long term operation and maintenance agreement. The deployment, which involved specialized FLiDAR personnel took just 1 day to complete, and thanks to detailed onshore commissioning this wind measurement buoy was operational the same day.



Deployment vessel and the FLiDAR on site

Hugh Yendole, Programme Manager at DONG Energy's UK Wind business said; "We are implementing a large number of methods to reduce the cost of offshore wind across the lifetime of a development, and this wind assessment technique provides us with data in a shorter timescale and with less outlay compared to a traditional fixed mast, and with a smaller environmental footprint. We also have the opportunity to move the unit to another site should we require measurements elsewhere.

The General Manager of FLiDAR, Bruce Douglas, said "We are delighted to be delivering low-cost, high-value wind data to DONG Energy, the leading offshore wind developer. This new milestone significantly contributes to further cost reductions in offshore wind resource assessments".



The FLiDAR technology has been developed by 3E, global renewable energy consultancy and software provider, and Offshore & Wind Assistance (OWA), the subsidiary of marine contractor Geosea.

The FLiDAR equipment consists of a marine buoy equipped with a state-of-the-art buoy-adapted LEOSPHERE WINDCUBE®v2 LiDAR held in a passive mechanical stabilisation system. It has previously been tested and validated in the North Sea and in the Irish Sea (as part of the UK's Carbon Trust Offshore Wind Accelerator programme). The performance has been analysed and validated by third parties and has been proven to deliver wind data with accuracy equivalent to standard offshore wind measurements.

UPCOMING EVENTS

FLiDAR will be at the following events:

RenewableUK offshore wind event in Glasgow from 11-12 June 2014

CONTACT

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DONG Energy is one of the leading energy groups in Northern Europe. Our business is based on procuring, producing, distributing and trading in energy and related products in Northern Europe. DONG Energy has nearly 7,000 employees and is headquartered in Denmark. The Group generated DKK 67 billion (EUR 9.0 billion) in revenue in 2012. For further information, see www.dongenergy.com



FLiDAR N.V., based in Oostende, Belgium, is a joint venture established in August 2012 between 3E and OWA (DEME group), to build, deploy and operate floating LiDAR based measurement devices.

FLiDAR N.V. combines the experience of 3E, an independent consultant and software services provider with more than 10 years of experience in offshore wind measurement and modelling, OWA, a daughter company of DEME, an offshore contractor with huge amount of experience in offshore operations and the LiDAR supplier, LEOSPHERE, the world's leading manufacturer of LiDAR technology.

The FLiDAR device can measure wind potential up to 200m above mean sea level with accuracy similar to a standard offshore measurement mast, but at significantly lower costs. www.FLiDAR.com