



Follow Us:



FREE TRIAL

Search

- Home
- Subscribe
- Free Trial
- Jobs
- Events
- About Us
- Advertisers
- Contact Us
- Special Reports

HOME ONSHORE WIND SUPERCOMPUTER TARGETS WIND UNCERTAINTY

Supercomputer targets wind uncertainty



29/07/2013

Iberdrola and IT company Barcelona Supercomputing Center have joined forces to develop a high-resolution wind simulator called Sedar.

The research, development and innovation scheme aims to create a model which will improve on the current studies used to estimate on and offshore wind production prior to construction.

The initial stage of work is already being trialled and, according to the partners, will improve the design of new wind farms by setting out the most suitable locations to install turbines. It will also reduce the level of uncertainty in such studies, claimed Iberdrola.

BSC and Iberdrola are using a Spanish supercomputer that is one of the most powerful in the world, the MareNostrum, for the Sedar project.

Image: The MareNostrum supercomputer will aid in wind farm mapping (Iberdrola)

TAGGED IN: EUROPE OFFSHORE WIND ONSHORE WIND SPAIN

Bio

Comment

Company News

Geo, fuels & others

Hydro

Offshore Wind

Onshore Wind

Siemens handfull in Scotland

Wind Prospect eyes Highland fling

Brazilian wind cash for Dobreve

Politics

Small Wind

Solar

Wave & Tidal



Popular Tags

Americas Company News England England & Wales Europe Offshore
Wind Onshore Wind Politics Scotland UK USA Wales

Other Tags

Select a tag ...

© 2012 Renews Ltd

[About Us](#) | [Contact Us](#) | [Terms & Conditions](#)



web development by advantec

FREE TRI

»