



Photo Credit: Areva

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Foundations For First Six Alpha Ventus Turbines Installed

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With the installation of the last of six 'tripod' foundations for the Areva Multibrid M5000 5 MW wind turbines, a major construction stage in Germany's first offshore wind farm, alpha ventus, has been completed by DOTI (Deutsche Offshore-Testfeld und Infrastruktur Gesellschaft mbH & Co. KG).

"The construction of the wind farm is currently making good progress and is making a valuable contribution to our learning curve. This is the first time six tripods have been used as foundations for offshore wind turbines. It is an international premiere."

-- Wilfried Hube, project leader of alpha ventus

Located 45 kilometres off the coast of the island of Borkum, alpha ventus is a joint undertaking by the companies [EWE](#), [E.ON](#) and [Vattenfall](#).

Bremerhaven-based Multibrid GmbH is responsible for the construction and installation of the six M5000 machines.

Wilfried Hube, overall project leader of alpha ventus, explains: "The construction of the wind farm is currently making good progress and is making a valuable contribution to our learning curve. This is the first time six tripods have been used as foundations for offshore wind turbines. It is an international premiere."

Preparations are also beginning at the alpha ventus construction site for laying the foundations for six further wind turbines. The REpower 5M turbines for these will be supplied by REpower Systems AG, Hamburg.

For more on the alpha ventus project and Areva Multibrid see [our story in the May/June issue](#) of Renewable Energy World Magazine.