

vestas blade technology centre



Client: Vestas

A 29,000m² Blade Technology Centre for Vestas, the world leader in providing high-tech wind power systems.

The project comprises testing and prototype production halls and an office building that will be home for up to 225 R&D staff working on the development, testing and prototyping of new offshore wind turbines.

Both the Test and Prototyping Halls are 180m long with 56m clear spans. The naturally ventilated adjacent office building has views of the river Medina and surrounding countryside. A glass atrium connects the halls and office, accessed via a first floor bridge.

It is anticipated the office building will achieve a BREEAM 'Excellent' rating.



The building has a number of sustainable design features including:

- Passive solar shading
- Naturally ventilated offices
- Exposed concrete soffits for increased thermal mass
- Ground source heat pumps
- Greywater harvesting
- Photovoltaic panels



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