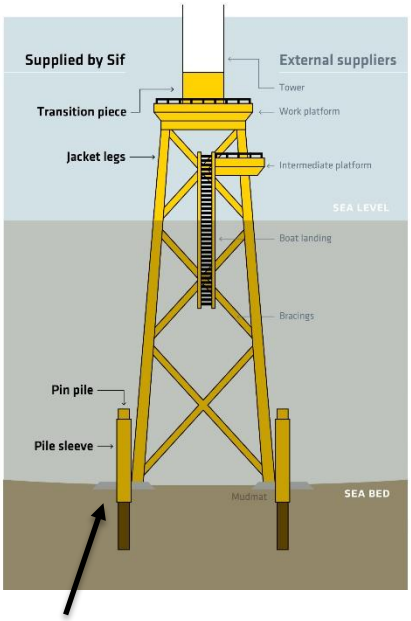
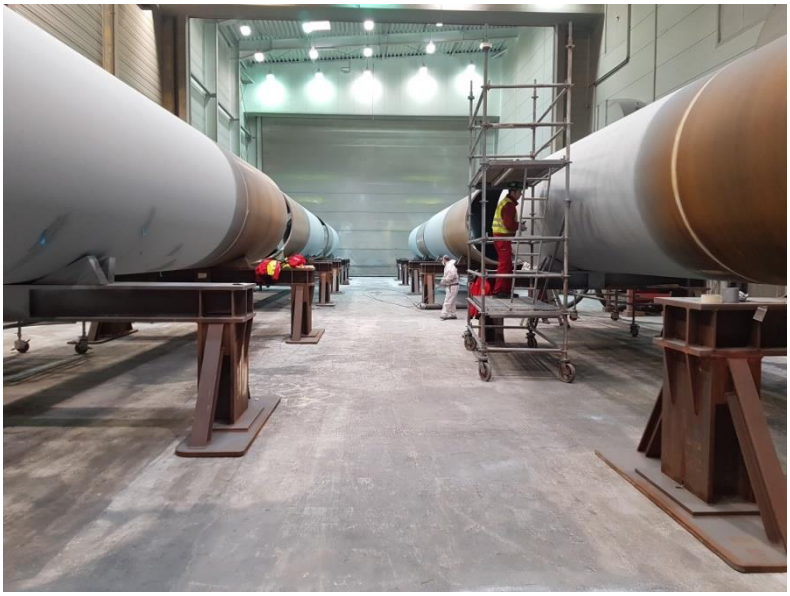
PIN PILES – MORAY EAST OFFSHORE WINDFARM - UK

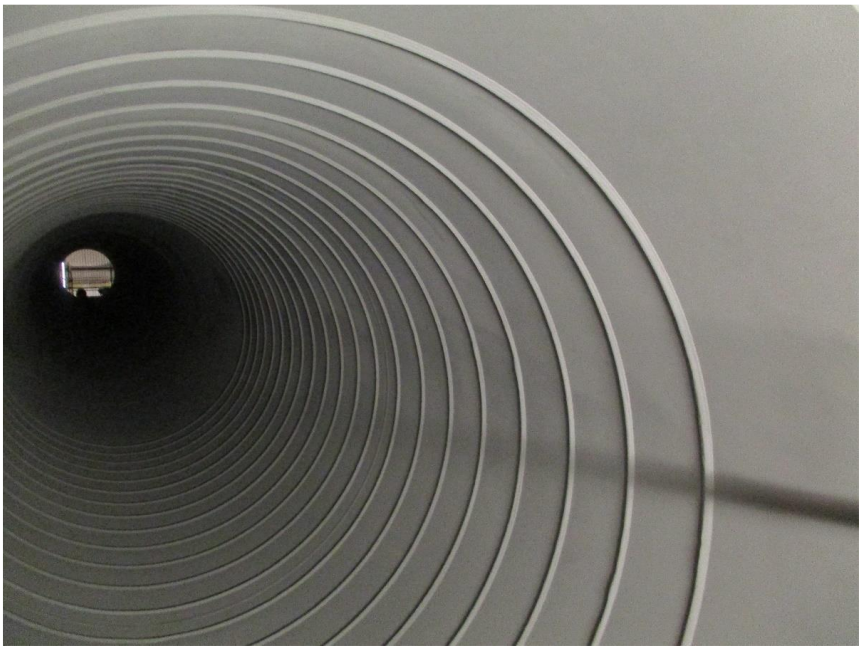
GeoSea (DEME Group Belgium), in a joint venture with **Smulders Belgium**, has built 55 jackets for the Moray East Offshore Windfarm. The jackets and substations are installed into a total of 309 pin piles, which are driven into the sea bed. Those pin piles were coated with **ZINGA** for an active mudline protection after fabrication by **EEW** (Germany) and **Bifab** (Scotland).
More than 40.000 m² have been protected with **ZINGA**.
This windfarm has a capacity of 950 MW and covers an area of 295 km².
It will procure 950.000 households of electricity.



Pin pile

The wind farm is located 22 km off the coast of Scotland, in Moray Firth, in water depths of 38 to 54m.





The fabrication of the 309 pin piles for this project has been awarded to **BiFab** (Fife, Scotland) and to **EEW SPC** (Germany).
EEW SPC has subcontracted the **ZINGA** coating application works to 2 coating contractors in Germany.

309 pin piles (~ 40.000 m² and 37,000 Tons) have been protected internal and external with **ZINGA** (in 2019).

Dennis NOELLE of QQ – ZINGA Germany

During the whole application process the **Zingametall** Technical Team gave full assistance to the applicators in the 3 coating workshops located in Germany and in Scotland, as well as on the storage site of Vlissingen, Netherlands.

Storage of pin piles in the Port of Vlissingen for last quality check

Storage of pin piles in the Port of Vlissingen before shipping to Offshore MORAY EAST Windfarm

System:
Surface preparation
Sandblasting SA 2.5
ZINGA airless & brush 2 x 90 µm DFT