

Offshore Wind

Foundations



Foundations

Ever since the first industrial offshore wind farm Horns Rev was built, Smulders has played an important role in the engineering and fabrication of steel foundations for offshore wind farms. Developing with the industry through the pioneering phase to the large scale serial production, Smulders has always provided full support to its clients and plans to do the same in the future.

For transition pieces, we offer a full in-house supply chain for the secondary steel components giving unique advantages in logistics and flexibility.

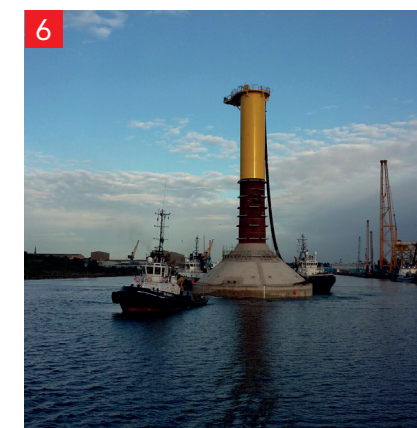
Jacket foundations are completely manufactured and provided with secondary steel components by Smulders. These large and complex structures are built at an incredible rate of more than one jacket per week.

From knowledge developed through years of experience, Smulders knows that the primary steel is important to support the turbine, but understands that secondary components will make the difference for the operations and maintenance. A high-quality and well-thought-out design will reduce operational costs, and improve the safety offshore.



Experience

Smulders has over 15 years of experience in the offshore wind market with a track record of almost 2,000 offshore structures.



1. Gemini (the Netherlands)
150 transition pieces
2. Kentish Flats ext. (UK)
15 transition pieces
3. Dudgeon (UK)
67 transition pieces
4. Galloper (UK)
56 transition pieces
5. Beatrice (UK)
28 jacket foundations
6. Blyth (UK)
5 gravity based foundations
7. Thornton Bank (BE)
48 jacket foundations



Facilities

All aspects of the production process are managed in-house and divided amongst different subsidiaries within Smulders. This ensures a time and cost-efficient process under safe working conditions and guarantees that the high quality and environmental standards are being met.

A flexible production process has been created with large capacity, quick response and delivery time of high quality products within the division.

By spreading the load between our facilities in Belgium, the Netherlands, Poland and the United Kingdom, we can provide excellent service to our clients.

- » **Arendonk (Belgium):** sales, project management, design, engineering and fabrication of steel structures for substations and foundations;
- » **Balen (Belgium):** design, engineering and fabrication of steel structures for substations and foundations;
- » **Zary (Poland):** production of secondary steel components;

- » **Hoboken (Belgium):** production and assembly of foundations, substations and large offshore structures;
- » **Vlissingen (the Netherlands):** production and assembly of foundations and substations;
- » **Newcastle upon Tyne (United Kingdom):** production and assembly of foundations and substations and large offshore structures.

Smulders

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