

Offshore Wind

Substations



Substations

With 20 years Offshore Wind experience, Smulders offers a full range of services from the fabrication to complete turnkey solutions (EPCI) of Offshore High-Voltage Substations.

Over the years, we have gained valuable experience which we offer our clients in each new project. Complete substations including their foundation, being jackets or TPs, are in safe hands with us.

We understand and comply with all industry requirements when it comes to strict project management, stringent planning and correctly certified employees. All substations are delivered on time and fulfill the highest quality requirements, rules and regulations.

By internally sharing and maintaining our acquired knowledge, our extensive engineering -and project management team has all the required know-how at their disposal. This knowledge is not solely restricted to steel constructions, but complemented with disciplines such as electrical (LV, MV & HV), HVAC and utilities design.

Capabilities

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.

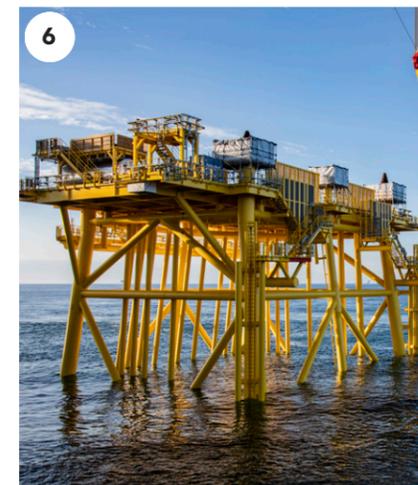
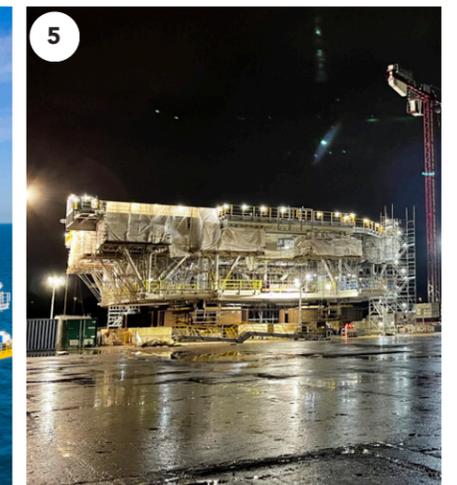
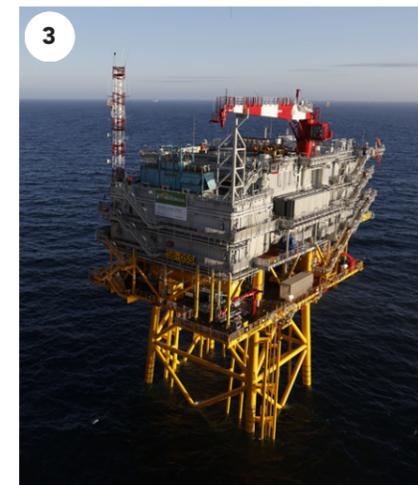
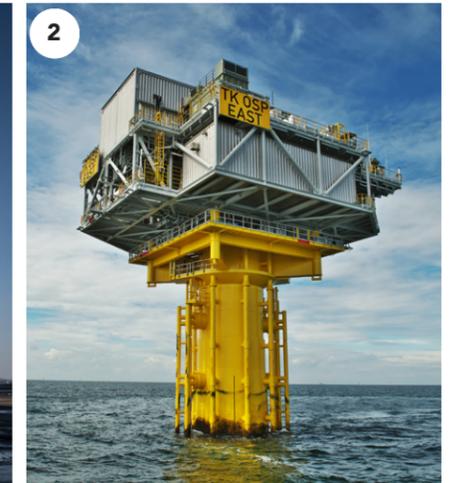
By spreading the load between our facilities in Belgium, the Netherlands, Poland and the United Kingdom, we can provide excellent service to our clients.

Thanks to recent modifications to our production facilities, assembly of substations will as from now also take place at our yard in Newcastle upon Tyne.



Experience

Your project from design to installation



1. topside and jacket for the Baltic Eagle offshore wind farm | Germany 2. 2 topsides and transition pieces for the Triton Knoll offshore wind farm | UK 3. topside and jacket for the Saint-Brieuc offshore wind farm | France 4. 2 topsides and transition pieces for the SeaMade offshore wind farm | Belgium 5. 3 topsides for the Moray West offshore wind farm | UK 6. topside and jacket for the Hollandse Kust (west Alpha) offshore wind farm | the Netherlands 7. topside and jacket for the Hollandse Kust (noord) offshore wind farm | the Netherlands

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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.

Thanks to our 20 years of offshore wind experience, Smulders can offer a full range of services from engineering and fabrication to the complete turnkey solutions (EPCI) of transition pieces, jacket foundations and floating foundations.

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.

New markets

The Yunlin and Akita Noshiro projects in Asia and our new projects in the USA are a good example of European know-how that can be exported to opening markets. Thanks to our proven production capacities and reliable expertise, Smulders is able to provide on time solutions for such new challenges.

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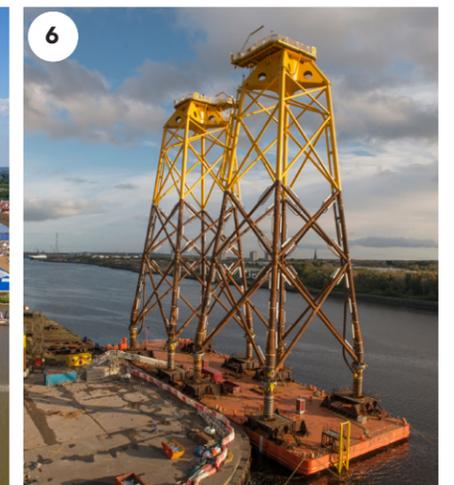
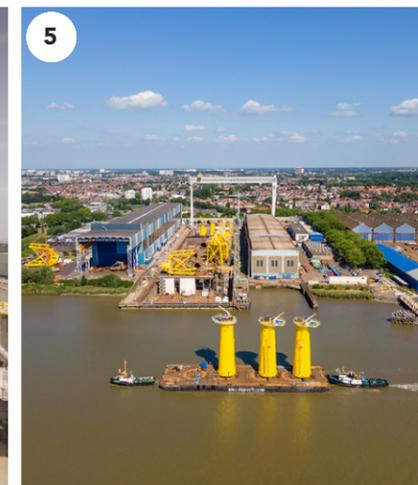
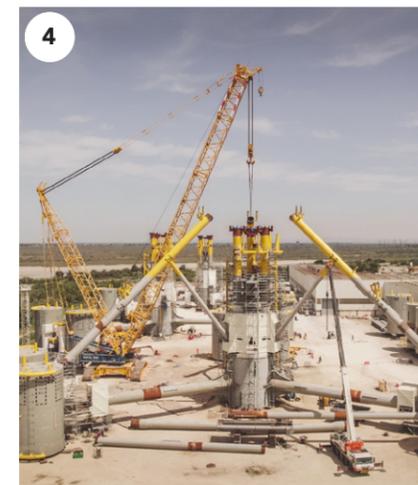
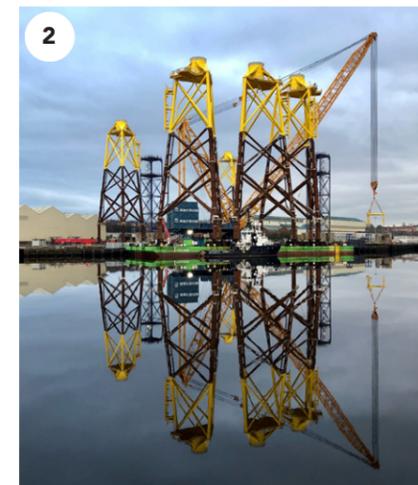
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Projects

Over the years, we have produced more than 2,300 transition pieces and 160 jacket foundations. Together with Eiffage Métal, we are involved in the first projects in the Mediterranean Sea acting as fabrication and assembly contractor and as EPCI contractor for floating foundations.



1. 80 transition pieces for the Saint-Nazaire offshore wind farm | France **2.** 55 jackets for the Moray East offshore wind farm | UK **3.** 277 transition pieces for the Dogger Bank offshore wind farm | UK **4.** 3 floating foundations for the Provence Grand Large floating wind farm | France **5.** 40 transition pieces for the Yunlin offshore wind farm | Taiwan **6.** 28 jackets for the Beatrice offshore wind farm | UK

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