

Our mission is to be a solid and flexible partner by delivering unique and challenging projects. We are present in three market segments; Offshore Wind, Offshore Oil & Gas and Civil & Industry.

OFFSHORE WIND FOUNDATIONS AND SUBSTATIONS

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WHY US?

‘OUR KEY DRIVE IS TO MAKE OUR CLIENT’S WISHES REALITY’

With more than 20 years Offshore Wind Industry experience, Smulders Group offers a wide selection of a high level expertise in design and engineering, as well as excellent production facilities that can be personally tailored to meet your demands.

Once a pioneer in the offshore market, Smulders Group has evolved to a dominating market leader with an established track record. Our experience ranges from fabrication of steel foundations to full EPCI substations, with involvement in both the engineering and development stages.

Our key drive is to make our client’s wishes reality. By combining our passion and enthusiasm for steel with our experience and expertise, our products are unequalled anywhere in the market. Our motto *‘think twice first, before you start creating’* means our products are meticulously constructed with the utmost care and quality. We are beyond doubt a solid foundation for your projects.



Albert Smulders

Sales and Strategic Manager

Our adventure in Wind Energy started more than 20 years ago and our future is promising. It has all been made possible by the continuous support of our customers, employees, partners and suppliers.



SUBSTATIONS

ON TIME, FULFILLING THE HIGHEST QUALITY REQUIREMENTS

With regards to substations, Smulders Group offers a full range of services from fabrication to complete EPCI projects. 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 and will be delivered to your wind farm in a ready to install condition.

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. Our experience includes full EPCI contracts in Germany, including meeting the challenging BSH certifications, as well as in the UK and the Netherlands, all with their specific demands.

By internally sharing and maintaining our acquired knowledge, our extensive engineering 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, HVAC and utility design.

Smulders Group's first complete substation was made for the Belwind Wind Farm, and since then many have followed. To date, we have 8 completed substations and another 10 under construction. In particular, we have increased our jacket fabrication capacity by setting up a fully dedicated yard in Flushing to support our existing facilities. This also offers excellent logistical access for installation vessels.

Our high level expertise continually surpasses our client's expectations, a standard which we will continue long into the future.



Raf Iemants
CEO Smulders Group
Being able to spread the production of substations over its complementary facilities in Arendonk, Balen and Hoboken, Smulders Group uses its facilities in the most effective way. These joined forces make us a fast and flexible player in this market and enable us to exceed the expectations of our customers.



DELIVER THE QUALITY THAT WE PROMISE

Ever since the first industrial offshore wind farm Horns Rev was built, Smulders Group has played an important role in the engineering and fabrication of foundations for the offshore wind industry. Developing with the industry through the pioneering phase to the large scale serial production, Smulders Group 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. In this way we maintain our track record of delivering the quality that we promise at the agreed time. To meet demands, we have geared our production lines to exceed four transition pieces per week in each production hall at the Hoboken yard.

Jacket foundations are completely manufactured and provided with secondary steel components by Smulders Group. These large and complex structures are built at an incredible rate of more than one jacket per week in a single production hall. With the increasing size and weight of these offshore giants we have expanded our capabilities through partnerships with large terminals in Flushing, offering extended storage and lifting capacity.

From knowledge developed through years of experience, Smulders Group knows that the primary steel is important to support the turbine, but understands the 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. Smulders Group guarantees a high level of quality for both primary and secondary steel parts of the foundation.



Gerard van de Schoot
Engineering Manager Foundation
Each time the first foundation of a new project stands in our dry dock in full yellow glory I am proud to be part of the Smulders Group. The sensational feeling of having created something you envisioned and the smile on the client's face are the ultimate recognition for all our efforts.





SMULDERS GROUP WILL FULFIL THE CLIENT'S REQUIREMENTS

HEALTH, SAFETY & ENVIRONMENT

Passion can only grow in a safe and clean environment. That's what we want to create, not only through our activities in the renewable energy market, but certainly through our focus on health and safety. We want people to leave our facilities at the end of the day with a smile on their face. Only through the utmost care and control can Smulders Group perform in a safe and sustainable way.

Health and safety does not stop at the door of our facilities. Our products are installed and operated in a harsh offshore environment. We know how our design and fabrication can make the difference during offshore operations.

The Smulders Group facilities are certified according to ISO 9001, ISO 14001, OHSAS 18001, VCA and EN1090 Exec 4**

QUALITY

Complete wind farms rely on our foundations and substations. We are fully aware of the responsibility we take when we engage ourselves in a project for the offshore wind industry. Our quality is unsurpassed. When it comes to quality everyone contributes and takes great pride in delivering our products with zero defects.

The welding work is executed with modern equipment by certified personnel, according to qualified processes. Surface treatment is applied to meet specific offshore requirements, and continual investigation is done into the newest techniques for environmentally friendly application of high standard paint spray systems.



Carla Wellens
HSE Manager

Safety is to us more than understanding the safety statistics. We strive each day to learn from our or other's faults and take the necessary actions. We aim for a high standard of safety. This dynamic can only be reached with an open minded organization where people understand the specific roll towards safety, where people are appreciated for reporting unsafe behavior and propose ideas to improve accordingly.



A FLEXIBLE PRODUCTION PROCESS HAS BEEN CREATED

ENGINEERING

A globally unique feature of Smulders Group is its large in-house engineering department. Experienced engineers take care of the design and assessment of the desired components according to the required standards and quality demands. The engineering department houses approx. 15 highly qualified static engineers, and over 50 draftsmen spread across the facilities in Arendonk, Balen and Bangalore (India). A significant head start in efficiency is made by taking the practical execution into account from the very start, as well as the possibilities and restrictions of the logistical process.

SURFACE TREATMENT

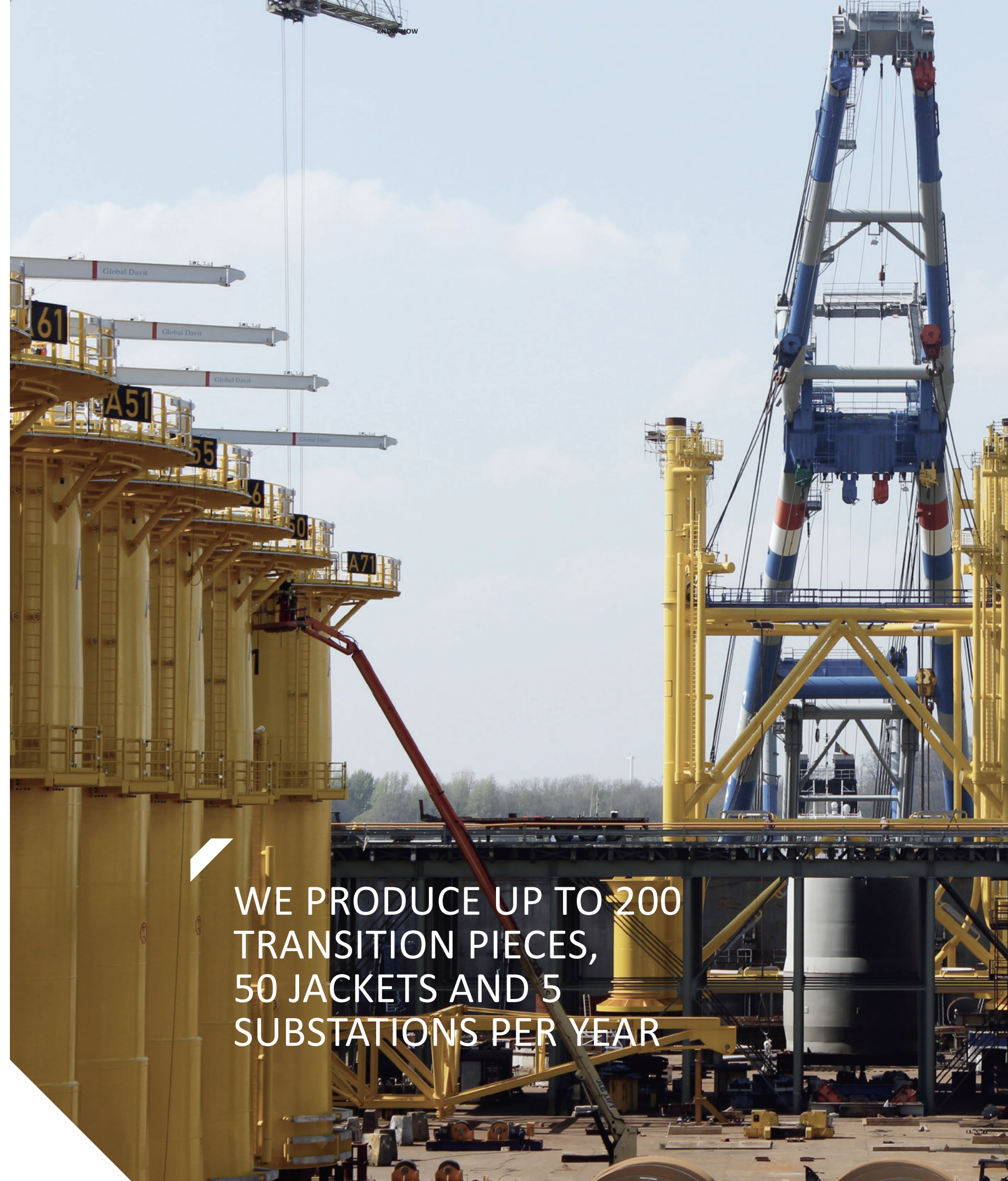
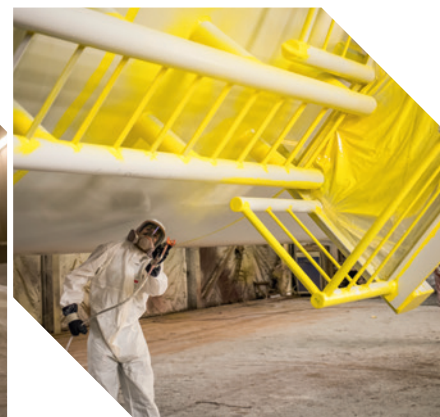
This is considered the most critical process in the fabrication of offshore structures and as such, Smulders Group has continuously invested in the right people and facilities. All surface treatments for the offshore wind products are performed by our own staff within our own facilities, ensuring that not even a single square millimeter misses the required standards.

FACILITIES

Using a well-thought-out mix of locations, capacity and facilities, Smulders Group has optimally geared itself towards the production of foundations and substations for offshore wind farms. 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 Poland, Belgium and the recently developed quay side in Flushing we can provide excellent service to our clients.

THE PRODUCTION FACILITIES ARE DIVIDED OVER THE FOLLOWING LOCATIONS

- **Hoboken (Belgium):** production and assembly of foundations and large offshore structures
- **Arendonk (Belgium):** sales, project management, design, engineering and fabrication of steel structures for offshore applications
- **Balen (Belgium):** design, engineering and fabrication of steel structures for offshore applications
- **Zary (Poland)** serial production of secondary components for offshore wind turbine foundations
- **Flushing (the Netherlands):** production and assembly of foundations



WE PRODUCE UP TO 200
TRANSITION PIECES,
50 JACKETS AND 5
SUBSTATIONS PER YEAR