

FPS SOLUTIONS

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OFFSHORE ENERGY DIVISION



A PROVEN NAME IN THE OFFSHORE ENERGY MARKET



Boskalis is a leading global dredging and marine expert.

Since our founding in 1910, we have established a long track record of demanding projects, which have been achieved successfully through close cooperation with our clients. With safety as our core value we provide innovative, sustainable and all-round solutions. Realizing projects in remote locations - with a heightened environmental focus - is one of our specialties.

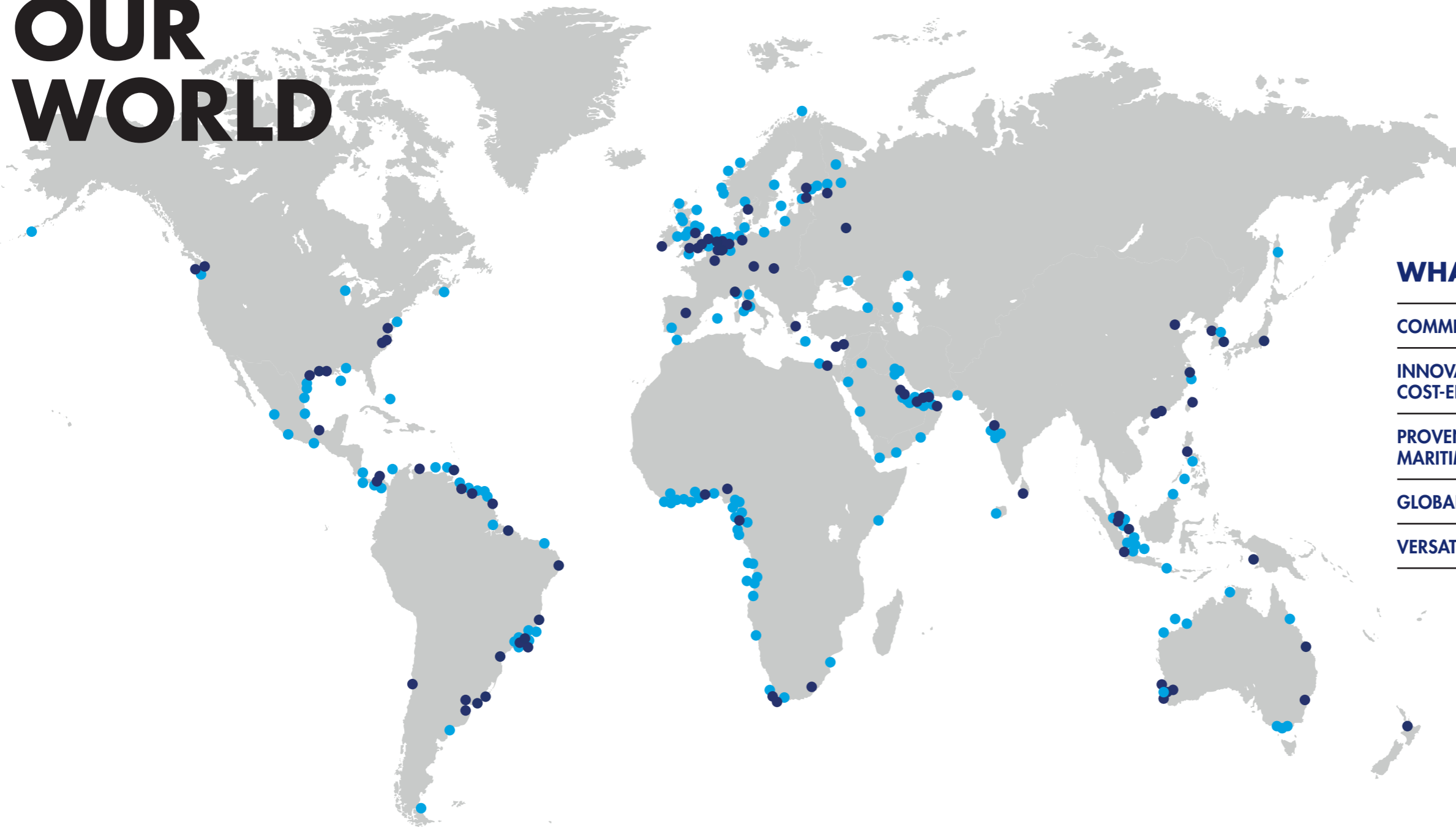
With our three divisions, Dredging & Inland Infra, Offshore Energy and Towage & Salvage, we offer a broad range of dredging and maritime services. In the international energy sector, including oil and gas and renewable energy, we offer a unique range of offshore services no other company can provide.

Under the brands Boskalis, Dockwise, Fairmount, Asian Lift, VBMS and Smit Lamnalco we are involved with the development, construction, transport, installation, inspection, repair & maintenance (IRM) and decommissioning of offshore and onshore facilities.

BRAZIL
OSX3 FPSO Mooring Installation & Hook-up.

OUR WORLD

OUR WORLD



- Offices
- Projects & operations

WHAT SETS US APART

COMMITMENT TO SAFETY

INNOVATIVE, SUSTAINABLE AND COST-EFFECTIVE SOLUTIONS

PROVEN TRACK RECORD IN SENSITIVE MARITIME ENVIRONMENTS

GLOBAL PRESENCE AND 8,500 EXPERTS

VERSATILE FLEET OF 1,000 MODERN VESSELS

PROVIDING FPS SOLUTIONS



FACILITY CONSTRUCTION



TRANSPORT & INSTALLATION



INSPECTION, REPAIR, MAINTENANCE AND LIFE TIME EXTENSION

FPS SOLUTIONS

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SAFE AND SUSTAINABLE

Our work goes beyond the provision of services. With safety as our core value we have developed a strict safety culture without any compromise. Our commitment is an incident-free working environment. Therefore Boskalis created the NINA safety program. NINA (No Injuries, No Accidents) sets clear values and rules, which explain what we expect from our people with regard to their safety behavior. Our program meets and exceeds the industry standards.

NINA makes people aware of their own responsibility regarding safety and encourages them to take action if operations are unsafe and approach others if they are at risk. NINA is embedded in our organizational systems and managed by leading indicators.

Boskalis is known for its dedication to the environment. Wherever possible, we work to mitigate environmental concerns. With our 'Building with Nature' initiative we encourage stakeholders like oil companies, EPIC contractors, authorities, universities, and NGOs to join forces together to research, understand and reduce impact of offshore and marine operations on the environment.

STANDARDS OF EXCELLENCE

- ISO 14001 International environmental quality
- OHSAS 18001 Occupational health and safety
- ISO 9001 Business management



SAFETY STATEMENT

Our people are our most valuable assets, making safety a core value. Our goal is: No Injuries No Accidents. This is embedded in our company's culture and supported through Values and Rules. All employees, including our sub-contractors, are expected to take these values and rules to heart.

VALUES

- I AM RESPONSIBLE FOR MY OWN SAFETY
- I APPROACH OTHERS ABOUT WORKING SAFELY
- I TAKE ACTION IN CASE OF UNSAFE OPERATIONS IF NECESSARY, I WILL STOP THE WORK
- I ACCEPT FEEDBACK ABOUT MY SAFETY BEHAVIOUR REGARDLESS OF RANK AND POSITION
- I REPORT ALL INCIDENTS, INCLUDING NEAR-MISSES, TO INFORM OTHERS AND BUILD ON LESSONS LEARNED

RULES

- PREPARE A RISK ASSESSMENT FOR EACH PROJECT, VESSEL OR LOCATION
- OBTAIN A PERMIT TO WORK FOR DEFINED HIGH-RISK ACTIVITIES
- MAKE A JOB HAZARD ANALYSIS FOR HAZARDOUS NON-ROUTINE ACTIVITIES
- BE INFORMED ABOUT RISK & CONTROL MEASURES
- BE FIT FOR DUTY AND WEAR THE PPE REQUIRED

QATAR
Air diver pre-dive check for maintenance work at a single point mooring buoy.



FACILITY CONSTRUCTION

SINGAPORE
FPSO TEN Turret Integration with
the floating sheerleg Asian Hercules III.



With our long-standing and reliable track record we offer various services during the construction works for new-builds and the conversion of floating production structures, including module logistics and transport, intermediate facility transport, module integration and facility integration and installation assistance.

Given the requirement in many countries for local content, Boskalis can support clients at FPS construction yards across the globe. We have a global presence which is coupled with local knowledge.

BRAZIL
FPSO Cidade de Paraty Module Integration with Taklift 4.



FACILITY TRANSPORT & INSTALLATION



UNITED KINGDOM
Enquest Producer Mooring System & Riser Hook-up
with DSV EDT Protea and various assisting AHTs.

With our in-house Project Management, Engineering, and Procurement departments we provide tailor-made solutions for T&I projects. This includes load-out from fabrication site, transport to the field (dry and wet), heading control & positioning, mooring system installations, mooring and riser hook-ups, and assistance with SURF installations.

Boskalis operates one of the largest fleet of specialized offshore vessels in the world to execute transport and installation of floating production structures.

The Dockwise Vanguard is the latest state-of-the-art semi-submersible heavy transport vessel. Due to her 'bowless' design she can accommodate overhang on both bow and stern and has a deadweight capacity of 117,000 ton.

The Fairmount Class long distance ocean going Anchor Handling Tugs, with 205 tonnes bollard pull, are designed to safely handle heavy and difficult assignments. AHTs and other specialist transport vessels, like the Union Manta or the Smit Nicobar are primarily deployed to support offshore installation activities.

The Constructor, Smit Komodo and EDT Protea are DP2 / DP3 dynamically positioned diving support vessels, which are fully equipped with AIR/SAT diving and ROVs to perform subsea construction activities, as well as to support IRM contracts for offshore and subsea structures.

SINGAPORE - BRAZIL
Wet-transport of the FPSO Cidade de Anchieta by Fairmount AHTs.



FACILITY IRM & LTE

EQUATORIAL GUINEA
Zafiro Producer FPU Mooring System Replacement.



A safe and reliable operation of your offshore production facility is essential. With our diving support vessels we offer UWILD, hook-up and IRM services by diving and ROVs. We have an in-house department dedicated to IRM campaigns.

Our services include:

- Inspection, Repair & Maintenance (IRM) of mooring systems, SURF and floating production structure
- (Offshore) Dry-docking
- Dive assistance during docking
- Terminal assistance (through Smit Lamnalco), including pilotage, tow back duties, and emergency response
- ROV inspections
- Mooring chain inspections & measurements of subsea assets
- Life Time Extension

THE NETHERLANDS - INDONESIA
Dry-transport of the FPSO Armada Intrepid onboard the Dockwise Vanguard.





Illustration of dry-docking of a FPSO in the field onboard the Dockwise Vanguard.

'TELL US ABOUT
YOUR CHALLENGES'

For over 100 years, Boskalis has helped clients meet some of the toughest challenges. How can we help you?

Go to www.boskalis.com/offshore and give us a call.