

Boskalis

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CREATING YOUR NEW HORIZON



WHO WE ARE



'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. These clients include oil, gas and wind energy companies, port operators, shipping companies, EPC contractors, government agencies, international project developers, insurance companies and mining firms.

As a leading dredging and marine contractor and services provider we offer a wide range of services comprising:

- the construction and maintenance of ports and waterways, land reclamation, coastal defense and riverbank protection
- the execution of projects and marine services for the offshore energy sector including subsea, heavy marine transport, lift and installation services
- marine geophysical and geotechnical surveys
- towage and terminal services
- marine salvage services and projects.

With safety as our core value we provide all-round, innovative and sustainable solutions for infrastructural challenges in the maritime, coastal and delta regions of the world. Realizing projects in remote locations – with a heightened environmental focus – is one of our specialties.

Let's create new horizons together.





DREDGING

- construction, maintenance and deepening of ports and waterways
- land reclamation
- coastal defense and riverbank protection
- extraction of minerals using dredging techniques



OFFSHORE ENERGY

support of oil and gas import/export facilities, offshore platforms, pipelines and cables and offshore wind farms through:

- offshore dredging and seabed intervention projects
- heavy marine transport, lift and installation work
- diving and ROV services
- marine surveys



INLAND INFRA

- construction of roads and railways
- bridges, dams and overpasses
- including earthmoving, soil improvement and remediation



SALVAGE

- assistance to vessels in distress
- wreck removal
- environmental care services and advice



TOWAGE

- towage services and (un)berthing of oceangoing vessels in ports/offshore terminals
- · management and maintenance of onshore and offshore oil and gas terminals
- associated maritime and management services

EVERY DAY, NEW CHALLENGES



'WE HAVE LEARNED TO MANAGE COMPLEXITY, MITIGATE RISKS AND SIMPLIFY EXECUTION'

Every day brings new challenges. It's how you deal with them that makes the difference. Over the years, Boskalis has worked on a wide variety of demanding contracts and projects. We have learned to manage complexity, mitigate risks and simplify execution.

Whatever you seek - standard, complex or full lifecycle services – Boskalis can tailor an innovative and competitive solution.



Maasvlakte 2 Port Expansion. Innovative Design, Construction, Maintenance. 700 hectares, 11km of sea defense, 3.5km of quay walls, 14km of roads and railways. Numerous interfaces, strict design, environmental and safety challenges were successfully met.

OUR ABILITY TO MANAGE

COMPLEXITY

SMIT Salvage received a contract for the removal of the bunker oil and pollution control regarding the stranded cruise vessel Costa Concordia at the island of Giglio, Italy. SMIT Salvage has an extensive track record relating to marine emergency response, refloating stranded vessels and wreck removals.



'OVER THE YEARS BOSKALIS HAS WORKED ON A WIDE VARIETY OF DEMANDING CONTRACTS AND PROJECTS'

Some jobs take weeks, others take several years. The complex ones require extensive management expertise. Boskalis has a proven track record as a solutions provider from the pre-feasibility to the decommissioning stage.



DUTCH SECTOR, NORTH SEA Fallpipe vessel Rockpiper installing rocks that will protect the 67 kilon long export cables connecting the Borssele offshore wind farm

OUR ABILITY TO MANAGE COMPLEXITY

ras laffan, qatar

Creation of the largest LNG harbor in the world. Boskalis assisted in the design, constructed the harbor and managed the entire process. Complex logistics, numerous interfaces and strict environmental and safety challenges were successfully met.



'INVOLVE BOSKALIS EARLY ON AND WE CAN SIGNIFICANTLY IMPROVE YOUR PROCESSES'

In the pre-design phase we can help determine the feasibility of your business case. During the design phase we will create a solution that fits your requirements.

As your main contractor, we can simplify execution by managing sub-contractors and communicating with stakeholders.

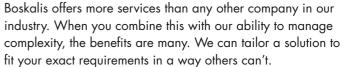


NORD STREAM
Two 1,224km gas pipelines from Russia to Germany.
Seabed preparation, shore approach, trenching and rock
protection. Precise timing, tight co-ordination and strict
environmental requirements were successfully met.

A PROVEN NAME IN INTEGRATED MARINE SERVICES

'WHATEVER YOU SEEK –
STANDARD, COMPLEX OR FULL
LIFECYCLE SERVICES – BOSKALIS
CAN TAILOR AN INNOVATIVE
AND COMPETITIVE SOLUTION'

The world's largest semi-submersible heavy transport vessel BOKA Vanguard transporting a 90,000-ton Floating Production, Storage and Offloading platform from China to Brazil.









THE RUYTER FIELD, THE NETHERLANDS
Boskalis executed seabed preparation
works for flowline installation and burial.
Precision work and stringent tolerance
levels were challenges that were
successfully met.

BALTIC SEA, GERMANY Floating sheerlegs Taklift 4 installing jackets for an offshore windfarm.

CEDAAAA

Towage of the DolWin 2 platform from Norway to Germany by the BOKA Expedition.



A TEAM BUILT AROUND YOUR NEEDS



'BOSKALIS HAS THE RESOURCES TO BUILD A GLOBAL TEAM AROUND THE CHALLENGES YOU FACE'

Our experts are focused on achieving the best result. In addition to a dedicated fleet crew, you can rely on our experts from a wide range of disciplines. These include hydraulic and civil engineering, operations and project management, ecology, finance, morphology, geology, geophysics and marine biology.

You will benefit from a fleet of more than 700 vessels, which are strategically positioned around the globe. In recent years Boskalis has invested heavily in a fleet that meets the highest standards of efficiency, innovation and energy consumption. We operate the world's largest and most versatile semi-submersible heavy transport vessels.







NO INJURIES, NO ACCIDENTS

'SAFETY IS A CORE VALUE'

Embracing safety within our culture is the essence of 'NINA', our No Injuries No Accidents safety program. This program is based on five core safety values and rules, which have been integrated into our working processes. All employees and sub-contractors are expected to take an active role to ensure safe working conditions.





BUILDING WITH NATURE

ECO ENGINEERING, JAVA INDONESIA

To balance the ecosystem in Java, Indonesia, permeable dams made out of brushwood were constructed in order to capture sediment and to help establish a healthy sediment balance. Mangroves will create a natural water defense protecting the hinterland against flooding and further erosion.



'BOSKALIS IS KNOWN FOR ITS DEDICATION TO THE ENVIRONMENT'

Wherever possible, we work to mitigate environmental concerns. By building with nature, we help preserve or even strenghten environmental assets without compromizing the economic benefits.



SAND MOTOR, THE NETHERLANDS
The Sand Motor is one of the 'building with nature' pilot projects.
It is a new innovative form of coastal defense which promotes nature development and lets natural forces such as wind, tide, currents and waves shape 21 million cubic meters of sand into new beach and dunes.

AT THE CUTTING EDGE

MALAMPAYA FIELD, THE PHILIPPINES

Seabed preparation works with the multi-purpose vessel Ndeavor for the

'CONTINUOUS **INNOVATION KEEPS BOSKALIS AT THE** FOREFRONT'

Boskalis maintains close working relationships with universities and internationally recognized research institutes. We use simulations, statistical modeling and laboratory experiments for both applied and fundamental research.

Boskalis leads the industry with a wide range of training and development programs.

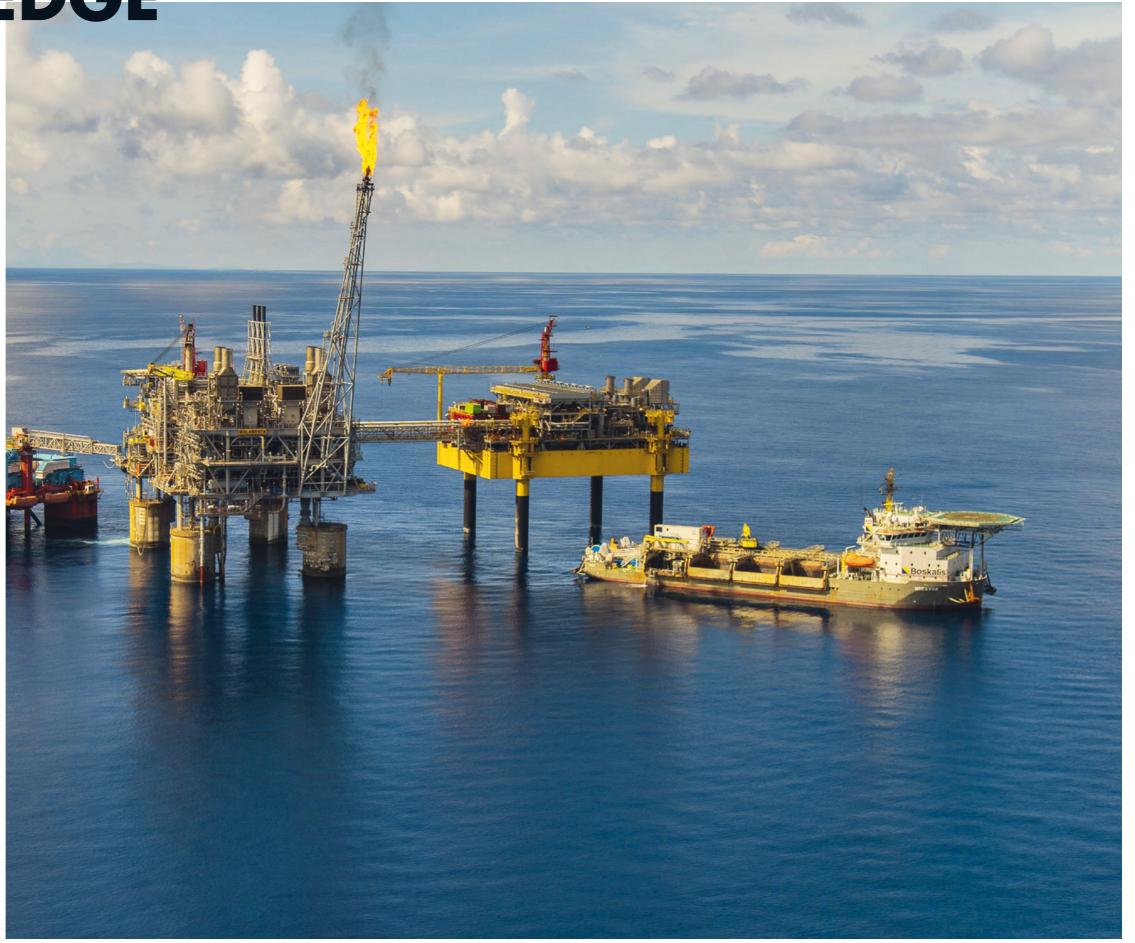
Additional to the NINA safety program, we have developed our integrated quality management system Boskalis Way of Working (WoW). This system aims to achieve operational excellence based on a consistent client approach, with a clear focus on safe and sustainable solutions.

STANDARDS OF EXCELLENCE

• ISO 9001 Quality management • ISO 14001 Environmental management • OHSAS 18001 Occupational Health and (ISO 45001) Safety management ISM Vessel Safety & Security

management

IMCA Offshore Operations standard







'TELL US ABOUT YOUR CHALLENGES'

For over 100 years, Boskalis has helped clients meet some of the toughest challenges.

How can we help you? Give us a call and tell us about your challenges. Or look at our portfolio on www.boskalis.com. You can download client brochures for Offshore Energy, Ports and Infrastructure.