



JAN DE NUL

**THIS IS US.  
WORLD  
BUILDERS.**



Discover what Jan De Nul is all about. Where we come from, how we build the world today, and why our engineering solutions are essential for a sustainable tomorrow.



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# WORLD BUILDERS

With a team of Can-Do people, we shape water, land and energy to improve the global quality of life for the next generations.



WORLD BUILDERS

# WATER

# LAND

# ENERGY

## Tackling some of the greatest challenges of our time

We build the world, shaping water, land and energy. With passion and commitment, and with the mission to tackle some of the greatest challenges of our time.

### **Water**

From developing the world's most vital waterways to protecting our delicate shores.

### **Land**

From carrying out ingenious construction projects to breathing new life into contaminated sites.

### **Energy**

From connecting national energy grids to building large-scale offshore wind farms.

## Can-Do people

Throughout the years, Jan De Nul established itself as a total solutions provider on a global scale. We are experts in offshore energy, dredging solutions, construction projects, and planet redevelopment.

This is a wide range of activities, but there is a common thread: projects with an ambitious scale, a level of complexity and precision that requires unrivalled engineering expertise, and high stakes.

We can count on an industry-leading fleet and state-of-the-art infrastructure, but it is our team of 8000 Can-Do people that gets the job done. Engineers, construction workers, IT analysts, cooks, machine operators, captains: they are the lifeblood of our company, whether they are active on our vessels, at our sites, or in our offices.

Together, they spell limitless potential. By coming up with innovative engineering solutions, they prove that impossible does not exist.

**WE BELIEVE  
THE WORLD IS  
WHAT YOU MAKE IT.**



## Quality of life

At Jan De Nul, we future-proof the world for generations to come. That means we take care of our natural environment and the people around us. We take all possible risks into account. We maximise our positive impact, reduce the negative and seize the right opportunities.

But above all, we improve the quality of life for the next generations by tackling some of the world's biggest challenges, from rising sea levels to the energy transition.

In short, our activities matter. And we execute those activities as sustainably as possible.

### Minimise emissions

We drive the transition to renewable energy and commit to reducing our greenhouse gas emissions by 40% by 2035.

### Boost biodiversity

We protect biodiversity in our activities and look for opportunities to create new ecosystems or enrich existing ones.

### Think circular

We remediate contaminated soil, give new purpose to polluted sites and increase the use of recycled and renewable materials in our projects.

### Connect communities

We engage in mutually beneficial relationships with the communities around our projects. We recruit and source locally, respect heritage, improve local facilities and invest in training and development.

## WE FUTURE-PROOF THE WORLD FOR GENERATIONS TO COME.

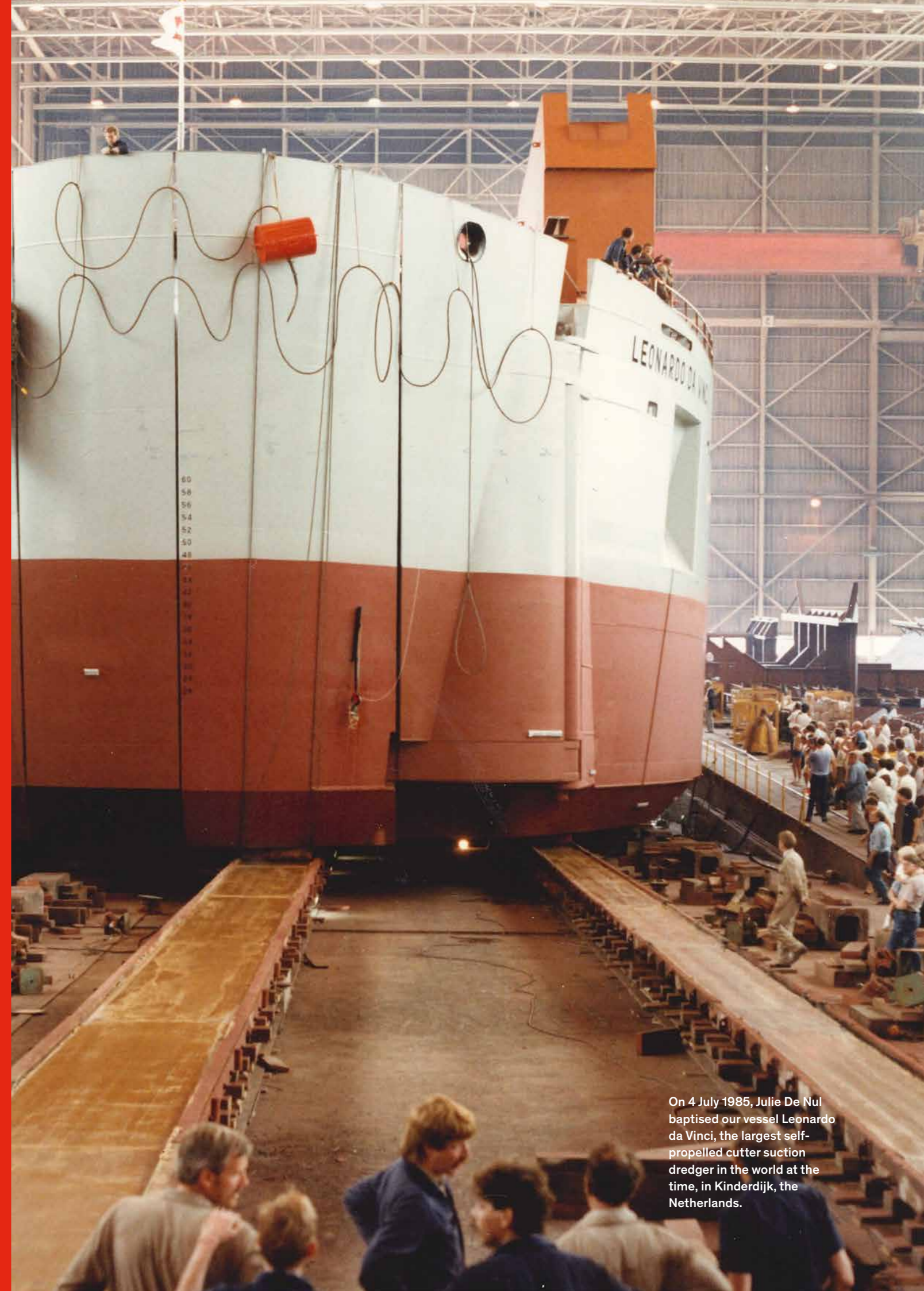
In Ecuador, we use dredged sediments to create a mangrove forest from scratch. Besides coastal protection, mangroves have many benefits: they retain carbon, serve as water filters, and are biodiversity hotspots.





# HOW IT STARTED

Our story is one of six generations of entrepreneurs, who thrive through a particular way of doing things.



On 4 July 1985, Julie De Nul baptised our vessel Leonardo da Vinci, the largest self-propelled cutter suction dredger in the world at the time, in Kinderdijk, the Netherlands.

**OUR GOAL IS  
TO BE READY  
FOR WHAT IS  
COMING.**



For the first dredging assignment Jan Frans Jozef De Nul buys a cutter suction dredger, which he names after his eldest son: Jan Pieter I.

## We think in generations, not in quarters

In 1849, Leo De Nul is the first entrepreneur of the family. After him follow Frans, Isidoor, Gustaaf, Jan Frans Jozef, Jan Pieter, Dirk and Julie. Six generations building on each other's work, investing in new talent, vessels, equipment, etc. With the goal to be ready for what is coming, whatever it may be. We are here to create a bright future for the next generations.

### **We like to step out of our comfort zone**

What started as a one-man operation in 'mechanical joinery and staircase manufacturing' grew into a multi-activity business. In the 1950s, we execute our first dredging project. In the 90s, we enter the offshore energy market. After that, our activities continue to expand with property development, specialised environmental works, and foundation techniques. And in 2012, we take a jump start in the renewable energy industry. Pushing boundaries is what we do.

### **We are originally from Belgium, but have a global view**

Our story starts in the city of Aalst, near Brussels. But in the last 60 years, we have spread our wings. In 1968, Jan Frans Jozef De Nul executes our first project abroad – in Le Havre, France. Only five years later, Jan Pieter and Dirk go global. Today, our vast expertise in a variety of settings, as well as our eagerness to explore uncharted territory, remains a key strength.

# HOW IT IS GOING

Our particular way of doing things pays off. We have never employed so many great people, generating a record high financial turnover and the most promising order book in our history. It strengthens us in our belief that sustainably shaping water, land and energy is the right path for Jan De Nul.

OFFSHORE ENERGY  
DREDGING SOLUTIONS  
CONSTRUCTION PROJECTS  
PLANET REDEVELOPMENT

## A total solutions provider

All credits for this success go to the teams behind our four business units.

Each of our business units has established a remarkable track record and synergies abound. Thanks to the fruitful interaction within our company, we offer customised solutions that combine one, several or even all these activities.



Our new cable-laying vessels Fleeming Jenkin and William Thomson will not only be the largest in the world, but will also be equipped with dual-fuel engines that can run on biofuel and green methanol. In combination with the ULEv technology, this results in remarkably low nitrogen oxide, greenhouse gas, and particulate matter emissions. The hybrid power plant on board also contributes to optimal fuel usage and the reduction of emissions.

**IF SOMETHING  
DOES NOT EXIST,  
WE DEVELOP IT  
OURSELVES.**

## A particular way of doing things

We go the extra mile to maximally unburden our clients. With us, they can rest assured that their project is in good hands.

### **An innovative mindset**

We permanently work on the world of tomorrow. From the very start of a project, we look for optimal solutions. If something does not exist yet, we conceive and make it ourselves.

### **In-house design**

Our in-house multidisciplinary engineering division gives us the edge to design tools and installations ourselves. This allows us to be an all-in partner for our clients, from well ahead of the start of a project up to its complete execution.

### **A wide range of equipment**

We own a wide range of deployable equipment, a great deal of which has been designed in-house. A diverse fleet of dredging, offshore and land equipment ensures that we can offer the ideal mix for realising any project.

### **Contract and financing conditions**

Our overall expertise and flexibility are also reflected in the range of financing options and contract types we offer, including concessions, charters, Transport & Installation (T&I), Engineering, Procurement, Construction & Installation (EPCI), Public-Private Partnerships (PPP), Operation & Maintenance (O&M), and Design & Build (D&B).



# OFFSHORE ENERGY

When building tomorrow's world, there is no way around energy. Fossil fuels need to make way for renewable alternatives. Our contribution lies in offshore energy. With an extensive fleet and integrated approach, we can perform all activities throughout the entire life cycle of offshore energy structures.



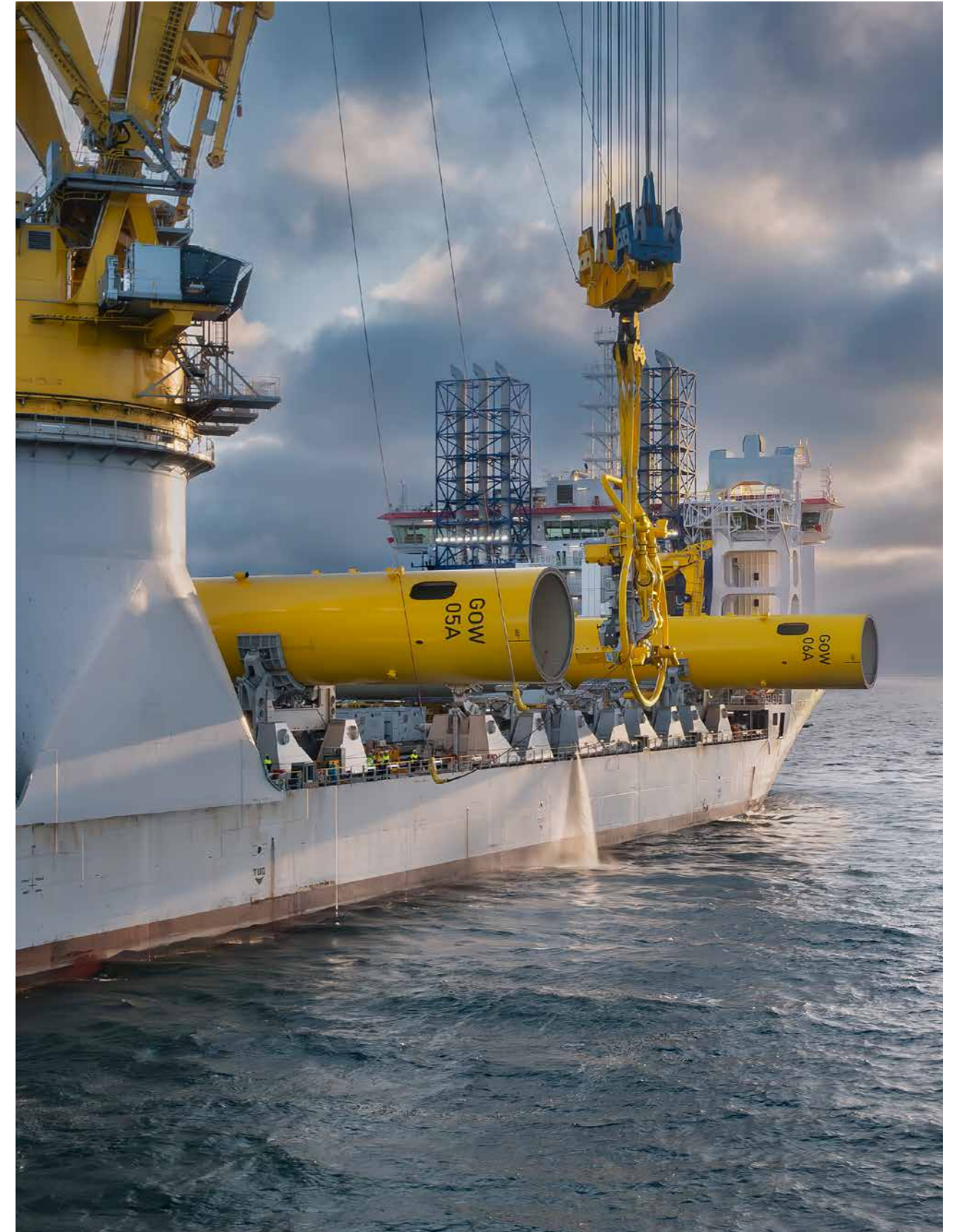
For the offshore wind farm Dogger Bank, UK, we transport and install 277 of the world's most powerful wind turbines, each producing 13 or 14 MW. When completed, Dogger Bank will supply at least 6 million households a year with green power.

## Offshore energy structures

As a response to climate change, the demand and development of offshore wind farms is experiencing an enormous growth. To illustrate, dimensions of wind turbines and foundations are steadily breaking records, attempting to achieve the ambitious net zero targets. We are ready to help our clients construct the energy transition.

### Our expertise

With our versatile fleet of offshore installation vessels, we install any offshore structure. From concrete or steel foundations to offshore high-voltage stations and wind turbines, as well as floating offshore structures. We always meet the client's needs with overall solutions and environmentally responsible methods - no matter in which part of the world they are located.



For the German offshore wind farms Gode Wind 3 & Borkum Riffgrund 3, we transported and installed 107 monopile foundations, as well as an offshore substation topside. These wind farms will power 1.2 million German households.

## Subsea cables

The missing link between offshore wind farms and energy grids are subsea cables. They make sure the green energy reaches the people and industries it should. To further maximise the use of green energy, many regions can benefit from physically interconnecting electricity grids across borders. We are an all-round partner to make sure offshore energy reaches the right place at the right time.

### Our expertise

We have the expertise and equipment to safely transport, install and protect different types of subsea cables. Inter-arrays connecting wind turbines, export cables bringing energy ashore, interconnectors connecting energy grids worldwide or umbilicals for the electrification of oil and gas platforms. We can manage them all.

**WE MAKE SURE  
GREEN ENERGY  
REACHES THE  
PEOPLE AND  
INDUSTRIES IT  
SHOULD.**



To bring the green energy of the Hollandse Kust (noord) & (west) Alpha wind farms ashore in the Netherlands, we connected the offshore transformer platform through 220 kV high voltage cables with a total length of 210 km to shore.



Mid-2023, we tested our in-house designed trenching machine Swordfish for the first time in the Netherlands. This robot creates underwater trenches to install and protect cables.

## Specialised services

Ground-breaking offshore wind farms and interconnectors often make the news, but in many cases, that is only possible because of specialised services that get far less attention. Offshore structures and cables need protection, seabeds need preparation to serve as location for energy projects, and end-of-life structures require an expert hand to get dismantled.

### Rock installation

We stabilise, reinforce and protect offshore structures with gravel, rocks, filter bags or concrete mattresses to fight erosion through waves and currents. The rocks are installed within design margins, with high accuracy, using various types of fall pipes.

### Seabed interventions

To ensure a stable base for offshore structures, the seabed is first prepared. We do this by dredging dunes, levelling the surface and, if needed, placing a first layer of gravel. Pipelines and cables are preferably installed under the seabed. For this, we excavate special trenches that start at sea, may pass across the foreshore, and end on land.

### Dismantling and hoisting

Our installation vessels can handle all types of hoisting operations. We can decommission oil and gas platforms, offshore windfarms and even salvage shipwrecks.

**OFFSHORE  
STRUCTURES NEED  
PROTECTION,  
SEABEDS NEED  
TO BE PREPARED.**





# DREDGING SOLUTIONS

Building the world by dredging material from the bottom of rivers and seas. Sounds like a stretch? It is not. Our dredging experts tackle key challenges in numerous countries: keeping waterways safe and clean, creating future-proof ports, protecting coastlines...



In the Tangier-Tetouan region, Morocco, we constructed a brand-new deep-water port with an integrated industrial platform and free-trade zone.



To keep the port of Guayaquil, Ecuador, accessible to Neo Panamax and other large vessels, we deepened its access channel to 12.5 metres.

## Clean and safe waterways

The removal of sediments and debris from the bottom of waterways is a routine necessity because of sedimentation – the natural process of sand and silt washing downstream. On top of that, required water depths continue to increase as ever-larger ships are deployed. We do what is necessary to keep waterways clean and ensure safe passage.

### Our expertise

We maintain, deepen or widen waterways such as rivers and access channels for the passage of large(r) vessels. To do this, we rely on an industry-leading fleet of trailing suction hopper dredgers, cutter suction dredgers, split hopper barges, backhoe dredgers and water injection dredgers. Important: if the dredged soil is contaminated, we can remediate the sediments ourselves.

## Future-proof ports

Many seaports are no longer equipped to welcome the jumbo vessels that currently sail our oceans and seas. Or sometimes economic activity has changed in such a way that expansions are due. In that case, we build future-proof ports to generate employment, attract business investments, and foster global trade.

### Our expertise

We modernise and expand existing ports or build new ones from scratch. More specifically, we construct quays, berthing docks, container terminals, turning basins, breakwaters ... with a diverse range of vessels and rolling equipment, from all types of dredgers to excavators.

## Land reclamation

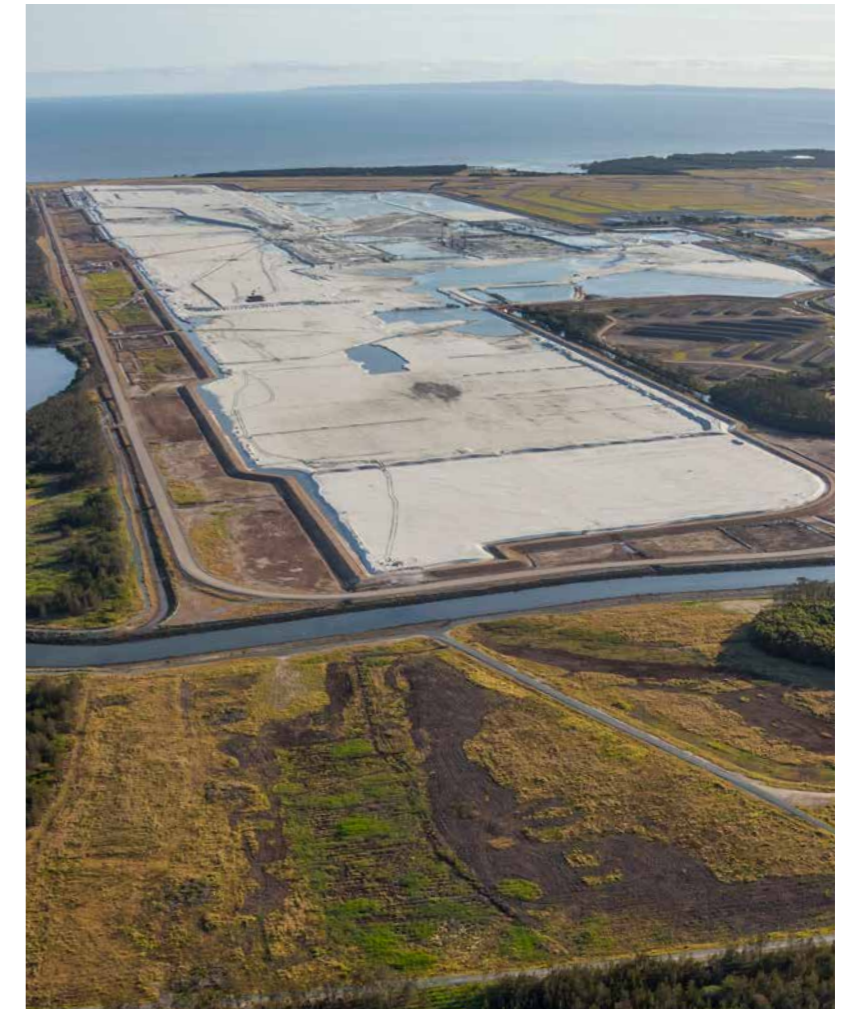
Land reclamation can have various reasons. It creates space for urban expansion, drives economic development and enables nature restoration. We assist by creating new beaches and developing new land where it is needed. Employment opportunities and economic growth included.

### Our expertise

Our dredging vessels spray the soil ashore using the rainbowing technique or pump it to the shore through a pipeline. We can also use dump trucks and other rolling equipment for filling up the site.



In Dubai, we constructed Palm Island II, a world-class tourist venue to stress the region's reputation in unique holiday experiences. This artificial peninsula has the shape of a palm tree, with 16 palm leaves each 80 metres wide.



For the Brisbane Airport, Australia, we reclaimed a 300-hectare platform for the construction of a new runway.

**WE CREATE  
NEW BEACHES  
AND DEVELOP  
NEW LAND.**

**WE HELP TO REVIVE  
ENDANGERED  
SHORES ACROSS  
THE GLOBE.**

## Reinforced and extended coastlines

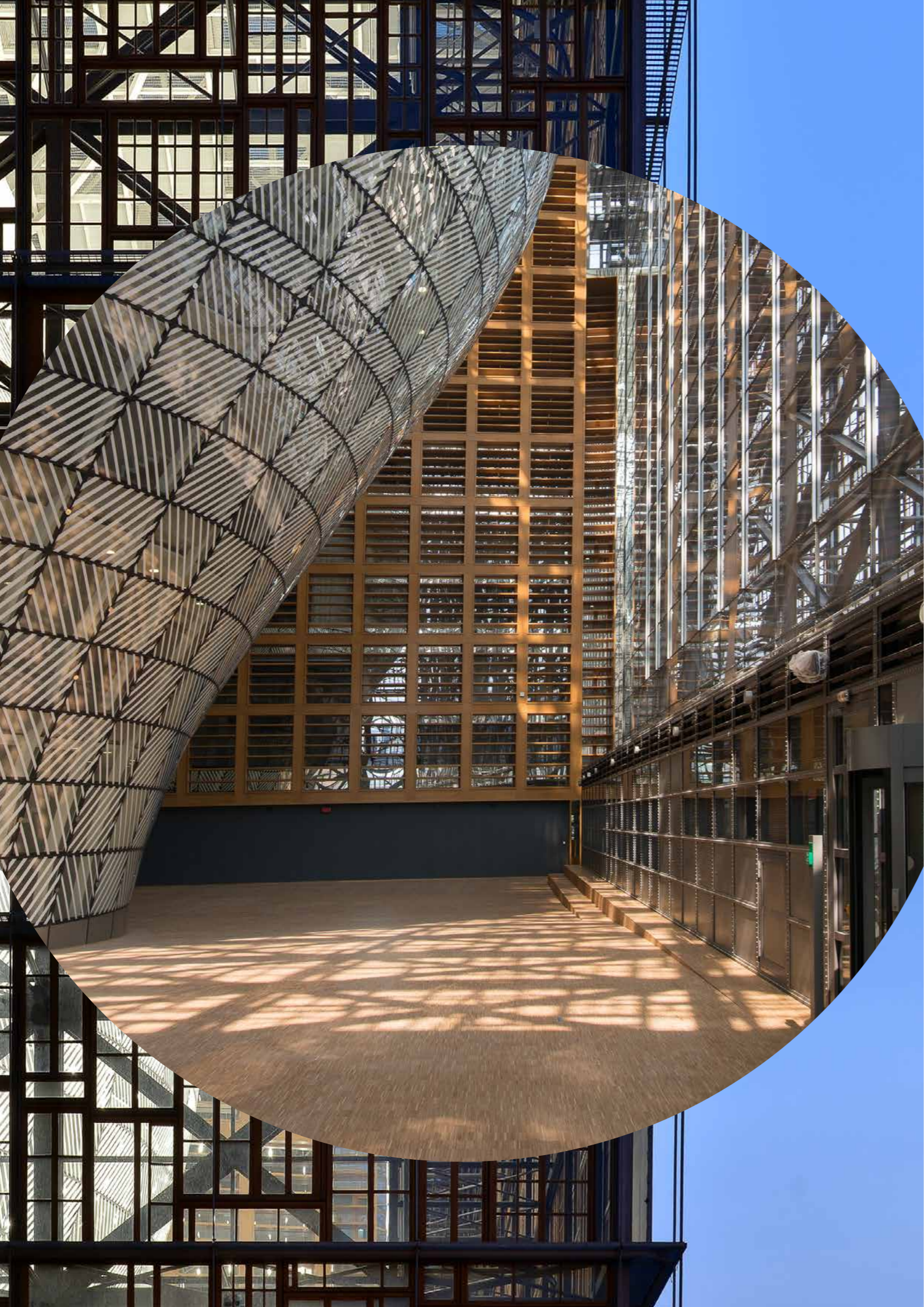
Although coastal zones account for less than 15% of the world's land area, they are home to about 40% of the world population. People live near the coast for many reasons, but these zones are often vulnerable to flooding, wave erosion, and degradation of the delicate ecosystem. With climate change driving sea-level rise and extreme weather, this is more important today than ever before. We help to revive endangered shores across the globe.

### **Our expertise**

We maintain coastlines by replenishing them with sand, while we also install protective structures to break waves and reduce their impact on the coast. When creating these coastal protection structures, we make active use of the ecological function of shores to enrich the fauna and flora.



In nine weeks' time, we expanded 5.8 km beach in the Brazilian coastal city of Balneário Camboriú to counteract erosion, create more beach, and protect coastal roads from violent storms and tides.



# CONSTRUCTION PROJECTS

Our extensive track record with public and other partners features all types of infrastructure works and building projects, including their foundations. We construct bridges, tunnels, subway stations, residential buildings, hospitals and schools. Always with a clear goal in mind, such as smooth mobility or sustainable living.

## Smooth mobility

Infrastructure is the backbone of a healthy society. It enables trade, powers businesses, connects people, creates opportunities for struggling communities, and protects us from an increasingly unpredictable natural environment. Whether high in the sky, at ground level, or down under the ground, Jan De Nul is building tomorrow's infrastructure.

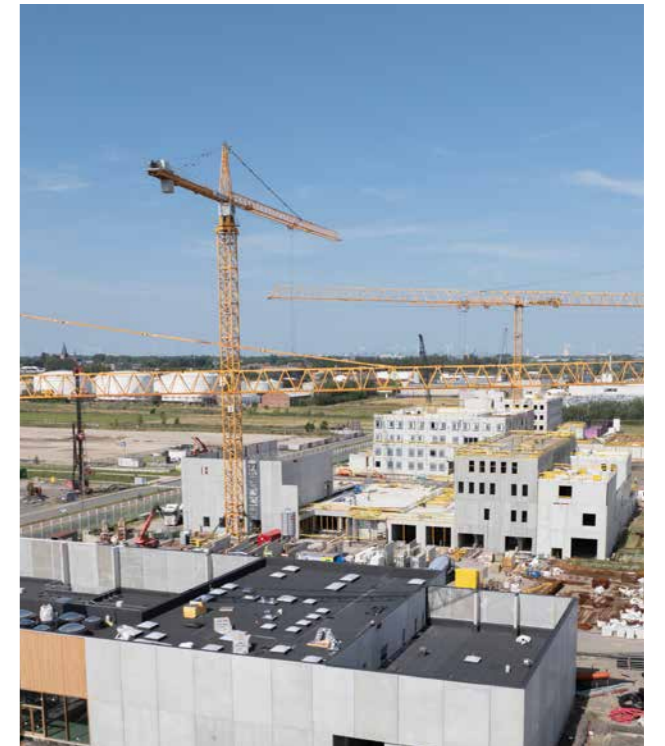
### Our expertise

We can assist partners by both renovating existing infrastructure and building new bridges, tunnels, roads and other works. In many cases, several of our business units and departments collaborate to exceed expectations. Dredging soils, treating contaminated materials, taking care of surrounding ecosystems, offering finance solutions ... We cover it all.

**WE BUILD THE  
INFRASTRUCTURE  
NEEDED FOR A  
HEALTHY SOCIETY.**



To reduce traffic density in Antwerp, we are constructing a 1.8-km tunnel between the left and right bank of the Scheldt river, with three lanes in each direction.



Together with our partners, we are responsible for the design, construction, financing and maintenance of Antwerp's new prison, set to house 440 inmates from mid-2026.

## Buildings of tomorrow

Buildings consume about 30% of the world's energy and account for almost 40% of annual CO<sub>2</sub> emissions. It is time for change. We take the lead and carry out building projects that are not just more sustainable, but also improve people's quality of life. By connecting individuals, by being easy on the eye, by using smart technologies, by assuring safety, by providing comfort, by ...

### Our expertise

We start by proactively suggesting sustainable practices to project owners, such as circular materials, zero-waste construction, and energy-efficient solutions. After that, we usually take a white sheet and write an integral and integrated story on it that covers the building's entire life cycle. Our vast expertise guarantees high quality and on-time delivery.

## Foundations

Foundations play a crucial role in the durability of construction projects. A tailored solution is particularly important in large-scale and complex construction projects. There is no room for even the slightest miscalculation. That extreme precision is exactly what we offer.

### Our expertise

We offer innovative foundation, retaining wall and soil improvement techniques to create solid foundations for complex buildings and infrastructure works. Clients can expect us to deliver the total package: groundworks, piling, dewatering, injections, geothermal energy ...

**EXTREME PRECISION  
AND SCALE IS  
EXACTLY WHAT  
WE OFFER.**



In the port of Antwerp, Belgium, we built an 813-metre combi-wall for the construction of a new quay wall. For this, we installed 305 steel casings, each with a diameter of 2 metres, a length of 29 metres and a weight of 30 tonnes, and an equal number of sheet piles.



# PLANET REDEVELOPMENT

There is an urgent need to rethink both our built and natural environment. If we want to provide everyone with the quality of life they deserve we cannot afford to turn a blind eye to abandoned or polluted sites. And if, in the process of rethinking our environment, we face soil and water contamination, someone has to pull up their sleeves. We take the lead in all those steps.



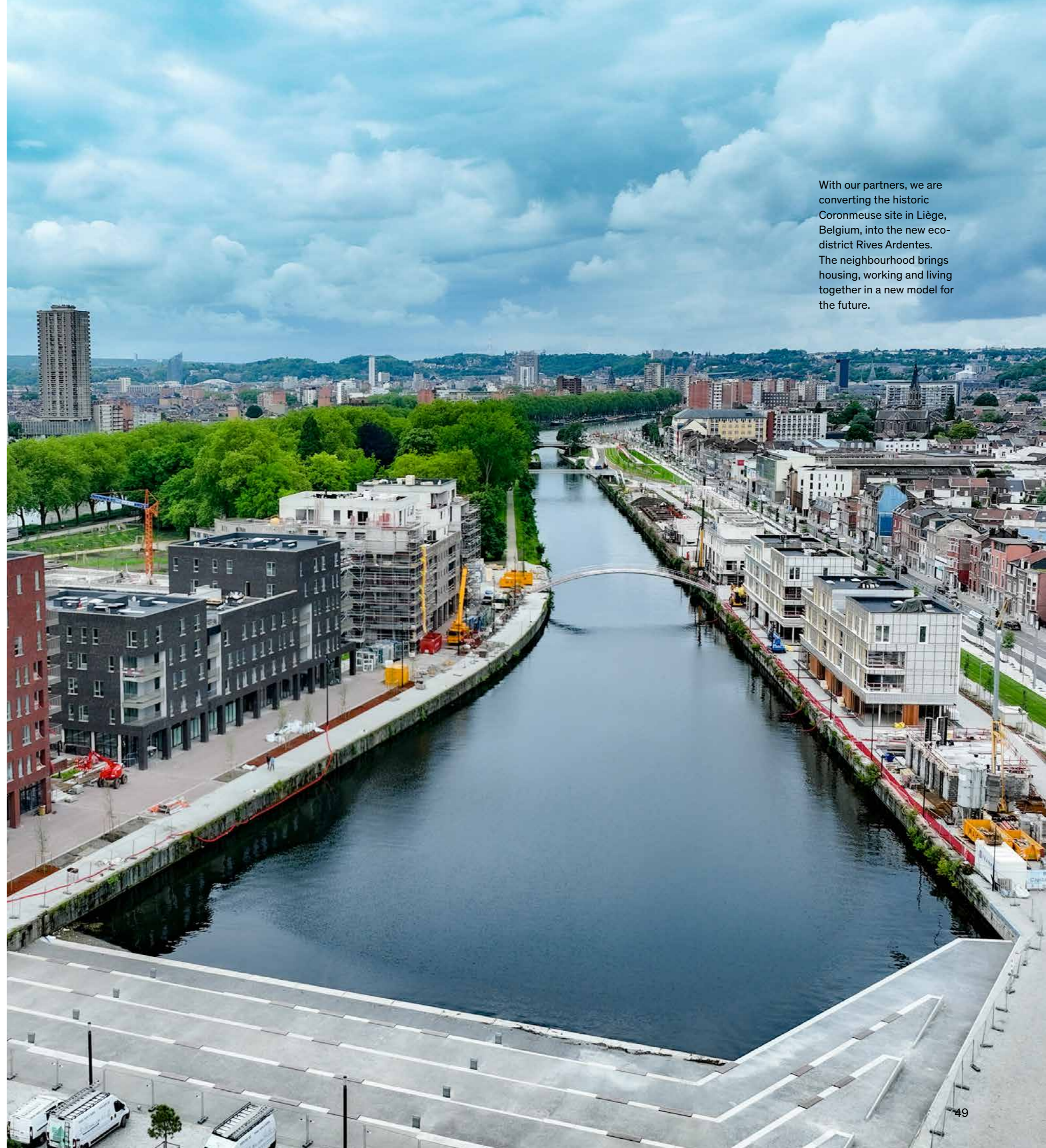
## Project development

Upgrading un(der)used spaces is often associated with complex challenges, ranging from long-lasting vacancy issues to ambitious requirements for urban renewal. It takes a hands-on, seasoned and well-equipped partner to live up to the task. We are that partner.

### Our expertise

We clean polluted sites, give new purpose to abandoned facilities and unlock complex locations. With decades of experience, we relieve both public and private customers by taking care of the entire development process: from procurement and design to development and sale.

**WE UNLOCK  
COMPLEX  
LOCATIONS AND  
GIVE NEW PURPOSE  
TO ABANDONED  
FACILITIES.**



With our partners, we are converting the historic Coronmeuse site in Liège, Belgium, into the new eco-district Rives Ardentes. The neighbourhood brings housing, working and living together in a new model for the future.

## Site remediation

Through advances in soil cleanup and water treatment technology, we transform inhospitable land areas, making them viable once again for investment, development, or the restoration of natural habitats. By staying at the forefront of those technological advancements, Jan De Nul is the go-to partner for site remediation.

### Our expertise

We clean and improve soil, groundwater, dredging sediments and landfills, on site or in one of our valorisation centres. Our goal is always to maximise reuse in alternative applications, contributing to a circular world. Importantly, we not only remediate sites but also support their subsequent development, ensuring sustainable outcomes.



In 2023, we commissioned our third PFAS washing plant in Ghent, in addition to our plants in Liège and Toulon in France. Together, the three plants can make up to 2,000 tonnes of soil PFAS-free every day.

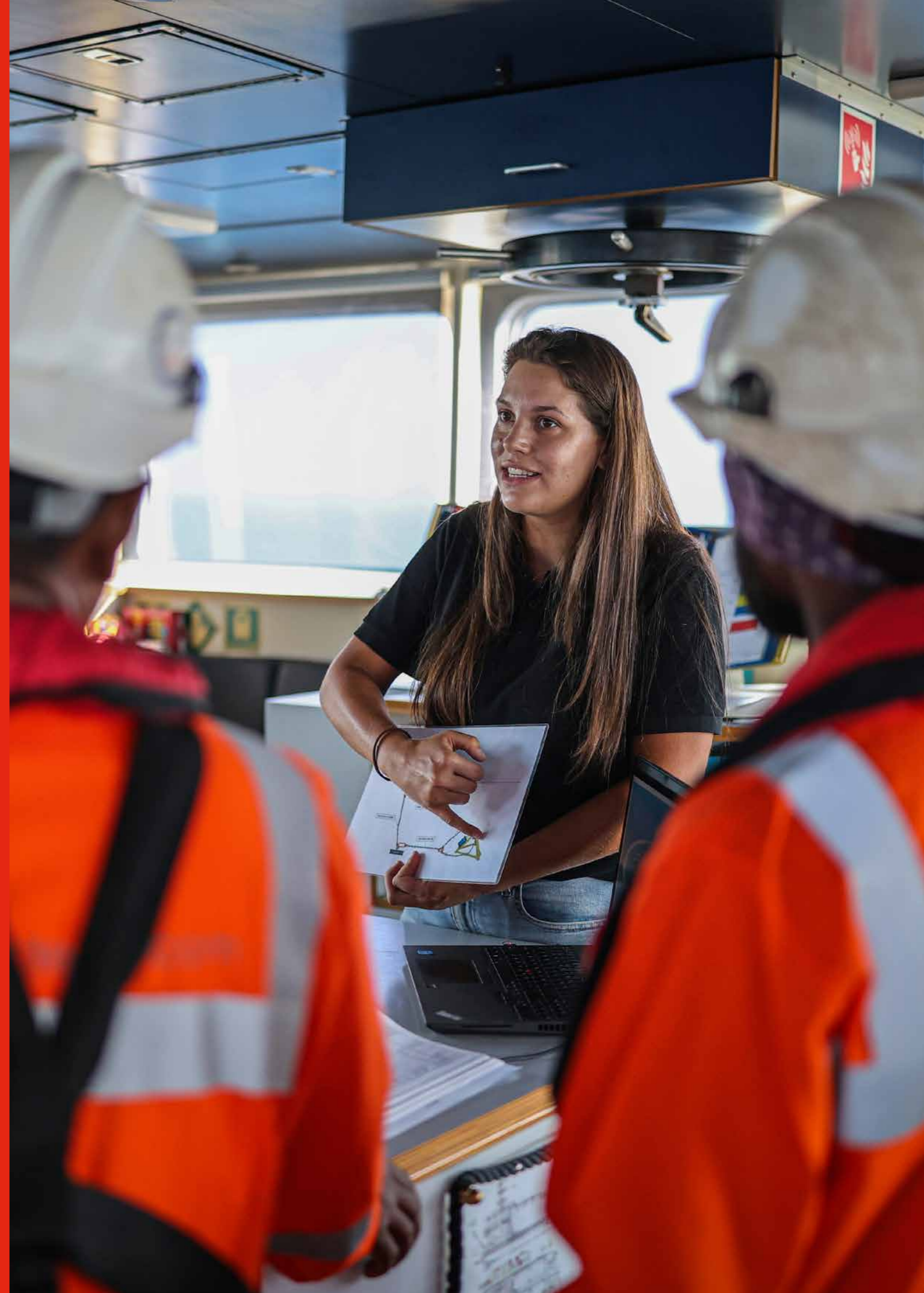
With our R&D team, we are also conducting intensive research into new, innovative techniques that can efficiently break down PFAS.



**WE MAKE  
INHOSPITABLE  
LAND VIABLE FOR  
DEVELOPMENT  
OR NATURE  
RESTORATION.**

# HOW WE SEE THE FUTURE

Jan De Nul embraces the mindset  
of being proactive today to create  
a sustainable tomorrow.





## AT THE CENTRE OF OUR AMBITIONS ARE OUR EMPLOYEES.

Today, we invest in vessels that will build the offshore windfarms of tomorrow.

Today, we protect shores so people do not have to worry about their homes tomorrow.

Today, we build innovative infrastructure to connect people tomorrow.

Today, we breathe new life into polluted sites to create living and working space for tomorrow.

With a focus on water, land and energy, we are tackling some of the greatest challenges of our time. Something we will continue to do in the most sustainable way. Our vessels that ensure reliable green energy and keep waterways clean will continue to operate with the latest low-carbon solutions. We will protect marine life and local communities even better through our projects. Our construction projects will use more circular, energy-efficient and human-centric techniques. And the list goes on.

At the centre of our ambitions are our employees. They are the ones that embody our expertise and know-how. From civil engineers and environmental experts to board crew and construction workers, each and every one of us is ready to make a difference by exceeding our clients' expectations. And by doing so, we gradually build tomorrow's world.



AS A TEAM OF WORLD BUILDERS,  
WE REALISE THE THINGS  
WE DREAM OF AS INDIVIDUALS.

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