



Maritime trade is booming. Ports are therefore key infrastructures and major economic resources.

Construction and development projects for maritime structures are multiplying on every continent: creation of new terminals, quay extensions, deepening of docks, etc.

For SHORE supports its customers in their port infrastructure projects with a strong geotechnical component.

We mobilize the best of Soletanche Bachy's port and maritime expertise to guarantee maximum control of the risks associated with the soil-infrastructure interaction.

And because today's structures must meet tomorrow's environmental challenges, ForSHORE designs ports capable of withstanding the consequences of climate change, and implements solutions that reduce the carbon footprint of projects.

To build resilient structures that last.

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### OUR VALUES

### Reliability

ForSHORE continually strives for excellence, ensuring reliability and durability of its constructions.

### **Agility**

ForSHORE demonstrates its agility through its adaptation to each situation and proposes different solutions depending on its clients' needs.

### **Entrepreneurship**

For SHORE works with its clients as a dedicated partner, taking a joint approach to achieve a shared objective.

### **Innovation**

ForSHORE can draw on Soletanche Bachy's R&D capabilities, equipment, and innovative digital solutions.



ForSHORE operates as a General Contractor to deliver all four stages in the development of port infrastructure projects: financing, design, build, and asset management.



## THE ADVANTAGES OF FORSHORE

### Expertise

Soletanche Bachy's geotechnical expertise and quality standards.

### Vision

A global vision of your marine works project.

### International

ForSHORE relies on the presence of Soletanche Bachy's presence in over 60 countries.

### Innovation

Access to Soletanche Bachy's R&D, machinery and digital solutions.

### **©** Environment

A commitment and technical solutions to reduce the carbon footprint of your projects.

### **Financing**

For those leading large-scale port projects, raising financing for works on existing or new infrastructure can be a difficult process.

For SHORE brings you the support you need to facilitate this key step in your project. We draw on our international contacts to help you source the financing.

For SHORE is neither a bank nor an investor, but does offer two services:

### Identification of investors who might take a share in port infrastructure

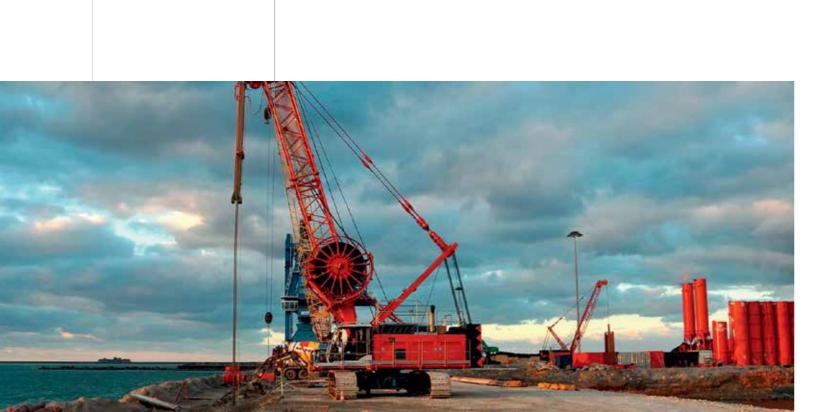
We put our clients in contact with:

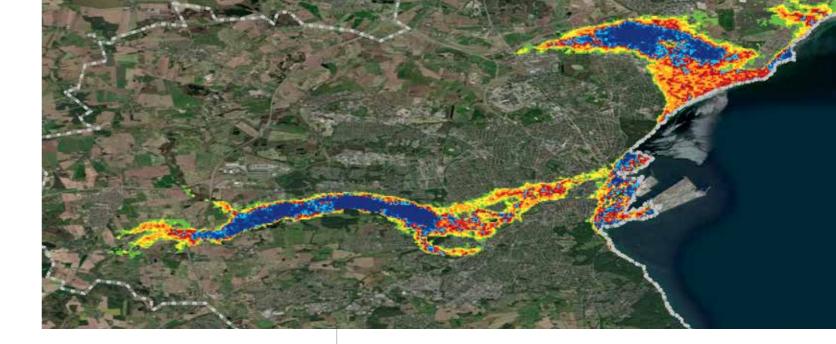
- Investment funds
- Venture capitalists
- Sovereign wealth funds

### **Sourcing of credit solutions**

We can solicit:

- Financing on the markets, through bonds to finance infrastructure projects or corporate bonds
- Financial institutions (banks)





During the design phase of a port project, it is imperative to take into account the preservation of the site's immediate environment and to anticipate the effects of climate change on the structure.

### **Anticipating climate change**

For SHORE and its partner **RESALLIENCE** provide you with a team of experts around the world to support you at various key stages:

### Consulting

- Technical and financial assessment
- Training
- Audits

### **Diagnostics**

- Assessment of:
   Climatic resilience,
  - Resistance to natural
  - phenomena,
     Environmental

performance

### Project coordination

- Integrated technical solutions
- Project management
- Collaborative engineering

### Modeling

- Predictive maintenance and monitoring
- Sensitivity studies

### Resilience



### Design

The choices made during the design phase have a direct impact not only on the carbon footprint and climate resilience of a maritime structure, but also on its use, lifespan and ability to evolve.

Owners of port infrastructure projects therefore need to surround themselves with specialists who can help them anticipate and make the right decisions from the outset.

### Our approach

With ForSHORE, you are in direct contact with Soletanche Bachy's design offices, present within the Group's subsidiaries worldwide, to build port facilities adapted to your needs and constraints. To offer you the best geotechnical processes and solutions that correspond to your project, ForSHORE takes on board a range of parameters from the design stage:

### **Environmental** factors

• Soil conditions • Climate • Tides • Sedimentation • Wind

### SHORE BY SOLETANCHE BACHY

### Purpose of the port

• Oil & gas • Ores •
Containers • Cruise liners • Roro
• Bulk and Goods

### The specifics of the port structure

- Vessel size Life expectancy Handling equipment Services
  - Storage facilities
    - Mooring

Thanks to Soletanche Bachy's expertise, ForSHORE optimizes the design of your structures to reduce their environmental impact:

- Design variants to use fewer materials,
- Technical processes with environmental benefits,
- · Less carbon-intensive materials.







ForSHORE acts as a General Contractor for the construction of your new port infrastructure, or to remediate, adapt or upgrade existing facilities. This means you can rely on one company to handle your port project from A to Z.

ForSHORE can assist you with the construction

### Quays

- Decks on piles
- Bulkhead walls:
   diaphragm walls,
   prefabricated walls, sheet
   piling, or combiwalls

of all types of maritime structure:

 Gravity walls: closed or open cells, concrete caissons or concrete blocks

### **Jetties**

### **Related facilities**

- Dry docks
- Locks
- Breakwaters
- Sea water intakes/outfalls
- Bridges
- Foundations for storage platforms, buildings and tanks

# Build and upgrade





# Asset Management

Port infrastructures represent major financial investments and are often sources of economic activity for entire regions. Ensuring their correct day-to-day operation and optimising their lifespan are key challenges. ForSHORE proposes asset management services for all types of port infrastructure, through the following three stages:

### Step 1 • Monitoring

Our teams can carry out all types of inspection:

- visual (safety, routine, detailed, special) aerial
- underwater radar endoscopy bathymetry
- physical controls coating measurements etc...

### Our added value

Thanks to our tailor-made inspections, you benefit from a detailed description of the general condition of your existing infrastructures, and a mapping of their weaknesses and areas for improvement.

### Step 2 · Analysis

To help you optimize your maintenance strategy, ForSHORE provides you with experts and a wide range of tools to analyze your infrastructures in real time and predict deterioration.

### Maintenance calculations and recommendations

- Non-destructive testing
- Laboratory testing
- Corrosion analysis
- Ageing prediction
- Maintenance modeling and optimization

### Real-time monitoring of your assets with our dedicated software

#### **Beyond Asset**

Control the operation of your infrastructures by leveraging their data.

Centralize and track:

- infrastructure visits
- asset status
- maintenance operations

### **Atlas InSAR**

Monitor ground movements and infrastructure stability from space.

### Carapace



Monitor and manage carapace prefabricated block



### Step 3 • Maintenance

Depending on the lifespan of the elements making up the port infrastructure, ForSHORE replaces them at the predicted date:

- cathodic protection
- paint on moorings
- protective coating on piles
- road surfaces

ForSHORE carries out the necessary repair work depending on the Step 1 Inspection and Step 2 Analysis.

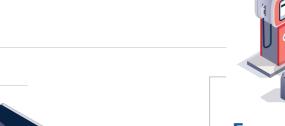




### **Environment**

We are strongly committed to reducing the environmental footprint of our activities. This is reflected in the implementation of an Environmental Action Plan applied to ForSHORE's maritime and port worksites.

This action plan targets 3 pillars:



### **Energy**

Reduce our carbon footprint by 40% by 2030 by cutting our fuel and electricity consumption (scopes 1 and 2).



Minimize our waste and maximize its recycling and recovery (destruction, storage, recycling).



emissions by 20% by 2030 (scope 3) by reducing our cement consumption, using less concrete and employing cements with a reduced carbon footprint and alternative binders.

Reduce our indirect CO2



ForSHORE also implements numerous measures to reduce the environmental impact of port infrastructure construction:



- Conservation plans (Muelle IPM, Mexico)
- Monitoring (Hong Kong airport)
- Schedule adaptations (Port 2000 Le Havre, France)
- Bubble curtains (Port-la-Nouvelle, France)



### Water quality control

- Suspended matter barriers (Port-la-Nouvelle, France)
- Controls
- Anti-pollution kits



### **Energy savings**

- Solar panels on barges (Brady Marine & Civil, Australia) • Equipment with electric
- Modular generators
- Eco-mode on machines
- power pack (Hydrofraise®)



### **Resource management**

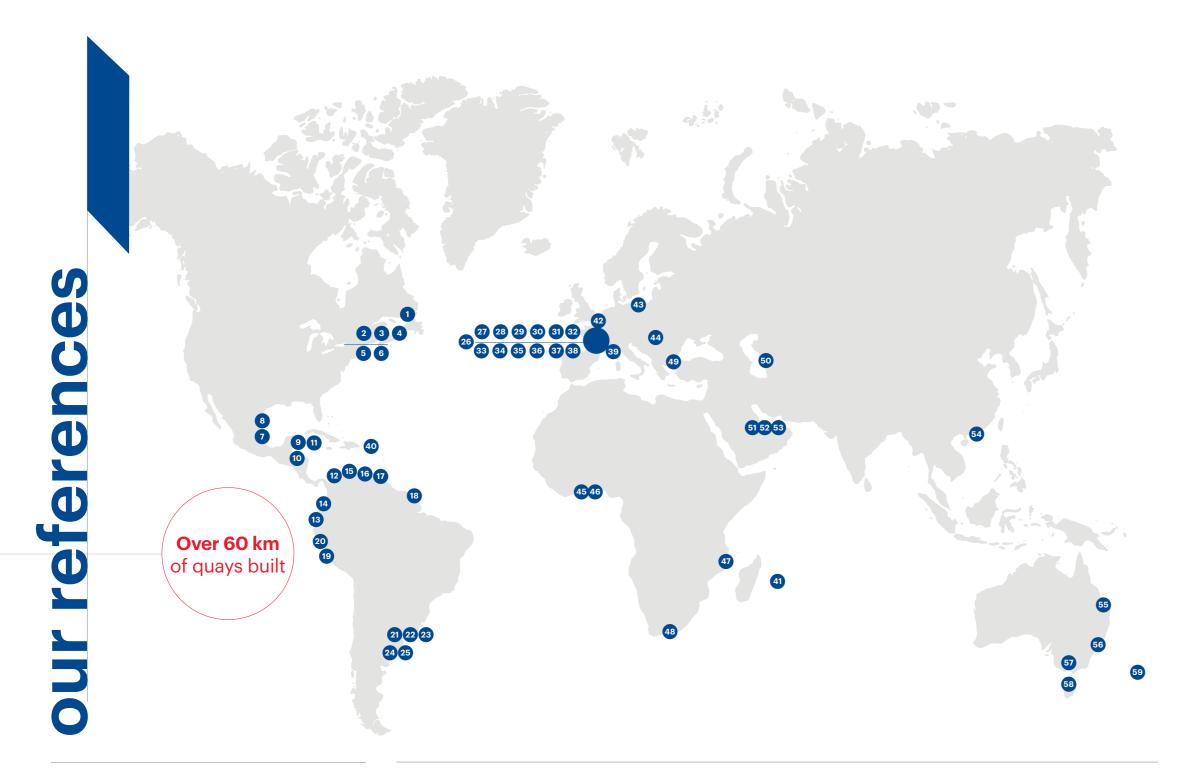
- Alternative designs to reduce steel quantities (Puerto Bolivar, Ecuador)
- Low-carbon concrete and grout (Port 2000 Le Havre, France)



With EXEGY, ForSHORE offers a package of materials and services to provide the most suitable Low Carbon / Very Low Carbon / Ultra Low Carbon concrete and grout for each project. Our aim is to help you reduce the environmental footprint of your projects.







### **Central & North America**

- 1 Port of Sept-Îles Canada
- 2 Eireann Quay, Toronto Canada
- 3 East Bayfront, Toronto Canada
- 4 Cherry St. Stormwater & Lakefilling, Toronto Canada
- 5 Port of Oshawa Canada
- 6 Randle Reef, Hamilton Canada
- 7 Tampico Mexico
- 8 Port of Altamira, terminal McDermott IPM + DPH Mexico
- 9 Terminal Carnival Cruise Roatan Honduras
- 10 Puerto Cortes Honduras
- 11 Roatan Honduras

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### **South America**

- 12 Puerto Brisa Colombia
- 13 Port of Buenaventura, SPIA, Boscoal Colombia
- Puerto Colombia Colombia
- 15 Port of Tolú Colombia
- 16 Barranquilla Colombia
- 17 Port of Brighton, quay n°2 Trinidad-and-Tobago
- 18 Larivot Bridge French Guyana
- 19 Puerto Bolivar Ecuador
- 20 Guayaquil CGSA Berth 1 Ecuador
- 21 Port of Montevideo, Muelle C et D Uruguay

- 22 Terminal Cuenca del Plata Uruguay
- 23 Terminal M'bopicua Uruguay
- Port of Bahia Blanca, Guillermo Brown jetty Argentina
- 25 Port of Belgrano, dique de carena Argentina

### Europe

- 26 Port 2000 Le Havre France
- 27 Rollet Quay Rouen France

- 28 Hautot-sur-Seine turning basin France
- 29 Port of Honfleur France
- 30 Port of Cherbourg, quai des Flamands France
- 31 EPR Flamanville France
- 32 Port of Concarneau, dry dock France
- 33 Quai de La Rotule Fos-sur-Mer France
- 34 Quai Grand Aulnay Rouen France
- 35 Port of la Vigne France
- 36 Langon Quay France
- 37 Port of Sète, quay H France
- 38 Port-Saint-Louis-du-Rhône, quay Gloria France
- 39 Port-la-Nouvelle France
- 40 Fort-de-France cruise ship terminal France
- 41 Port Réunion France
- 42 Port of Zeebrugge Belgique
- 43 Debicki Canal Pologne
- 44 Kalocsa-Paks Bridge Hongrie

### **Africa**

- 45 Port of Lomé Togo
- 46 Port of Cotonou Benin
- 47 Moma Sands Jetty Mozambique
- 48 Port of Ngqura South Africa

### Middle-East

- 49 ICDAS Biga shipyard dry dock Turkey
- 50 Port of Turkmenbashi Turkmenistan
- 51 Port Jebel Ali, terminal 3 Dubai, United Arab Emirates
- **52 Drydocks World, Safina project** Dubai, United Arab Emirates
- 63 Ocean View Dubai, United Arab Emirates

### Asia & Oceania

- 64 Maritime works for the international airport extension Hong-Kong China
- 55 Brisbane International Cruise Terminal Brisbane Australia
- 56 Garden Island cruise ship wharf Sydney Australia
- **57 Geelong Point Wilson** Australia
- **Devonport Terminal 3** Tasmania Australia
- **Downtown infrastructure Development Programme**Auckland New Zealand



### Port of Aguadulce Colombia

Buenaventura, home to the port of Aguadulce, Colombia's main port on the Pacific coast, is a strategic city. Most of the Andean country's exports and imports pass through the port, which was recently upgraded in a project that sets a standard for the entire region. Soletanche Bachy helped achieve the modernisation by working within the SBCC joint venture and designed and built a 600-metre container terminal (SPIA). This was followed by a 250-metre bulk terminal (Boscoal), where the first cargo ship docked in December 2016 carrying maize loaded at the Louis Dreyfus terminal in the Argentinian port of Bahía Blanca. In Buenaventura, several innovations were introduced to boost the efficiency and quality of the onshore and offshore works, optimise costs and accelerate the construction process.

- Owner Sociedad Puerto Industrial Aguadulce pour SPIA, Compas pour Boscoal
- Main contractor Consortium SBCC (Soletanche Bachy Cimas - Soletanche Bachy International - Conconcreto)



### **Tolú** Colombia

The COMPAS terminal at Tolu, south of Cartagena, is the Colombian deep-water port closest to the Panama Canal. Its activities are growing and diversifying, which is why the COMPAS Group, owner and operator, has invested in transforming the existing quay to accommodate larger vessels and to add a berth. The project included a new 150 m x 30 m platform aligned with the existing quay to serve two Super Panamax vessels simultaneously.

This platform features independent access to the coast via a 270-meter-long, 8-meter-wide viaduct for two-way truck traffic. The quay consists of a concrete slab on vertical steel piles, and is suitable for dredging to a depth of 13 meters. The design was carried out by the American company WSP under the coordination of the technical office of Soletanche Bachy Cimas (Soletanche Bachy's Colombian subsidiary).

- Owner Compañía de puertos asociados S.A.S. Compas S.A.
- Main contractor Soletanche Bachy Cimas

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### Muelle C + D, Montevideo Uruguay

The design-build project involved the construction of a new 383 m long, 33 m wide, 14 m draught port terminal at the end of the port of Montevideo, together with an adjoining 36,000 m2 esplanade for container storage. The future multi-purpose quay was designed to accommodate both gantry cranes and mobile cranes. It is of the Danish quay type, consisting of prefabricated superstructure elements and a cast-in-place concrete slab, all supported by 256 bored concrete piles from a mobile platform and a pontoon.

This project called on a wide range of techniques used by the Group: sheet piles, bored piles, precast elements, vibrofracturing, vibrocompaction and civil engineering work. A few years later, this quay was extended by the same consortium, including a connecting structure between the 2 quays, a 180 m long quay, a 6,700 m2 esplanade and the necessary modifications to accommodate 330 m long ships.

- Owner Administración Nacional de Puertos de Uruguay (ANP)
- Main contractor Consortium Soletanche
   Bachy (France); SACEEM (Uruguay), Dredging International (Belgium)

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### **Drydocks World** Dubai, United Arab Emirates

Dubai, one of the world's leading ports, is also a shipbuilding hub. Dubai Drydocks, which long specialised in ship repair, branched out into construction with the Safina project in 2005. A new dry dock for ship being built and repaired was commissioned in the summer of 2006. The lift, built on a general contracting basis by the Soletanche Bachy – NSCC joint venture, enables the vessel to be moved vertically and horizontally and operates like a slipway but incorporates a reverse hydraulic process.

The structure is made up of a transfer platform set above sea level, an adjacent basin that opens to the sea, two abutments and a sill, a quay platform, two gates and two mooring dolphins.

- Owner Dubai Drydocks
- Main contractor Consortium Soletanche Bachy -





### Dubai, United Arab Emirates

The Jebel Ali Port, the region's main container port, increased its capacity to 19 million TEU in 2014 by adding a third terminal. The 1,860-metre long, 17-metre deep quay with a 70-hectare storage yard can accommodate the next generation of Post-Panamax container ships. DP World awarded the contract to the TOA - Soletanche Bachy joint venture to design, build,

addition to building the diaphragm wall and barrettes, Soletanche Bachy undertook ground improvement works to support temporary and permanent backfill for the quay wall and supplied and installed ground anchors.

- Owner DP World
- Main contractor Consortium TOA Corporation -**Soletanche Bachy International**

### Port of Lomé Togo

The port of Lomé, which has undergone substantial upgrades in recent years, is now one of West Africa's most efficient and modern ports. To enable the port to handle container ships with a capacity of up to 7,000 TEU, Togo Terminal awarded in 2012 a contract to a joint venture led by Soletanche Bachy to design and build a new quay. The project included the construction of a 450-metre quay wall and the port's turning basin and access channel. The combi-wall quay was built with 30-metre long largediameter (1,412 mm) metal piles and sheet piling. The access channel was dredged to a depth of 15 metres and the turning basin was built. More than a million hours of work were required to complete the project and it featured very strong involvement of Togolese and other African workers and supervisory staff.

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- Owner Bolloré Africa Logistics subsidiary Togo Terminal
- Main contractor Consortium
   Soletanche Bachy Sogea-Satom EMCC

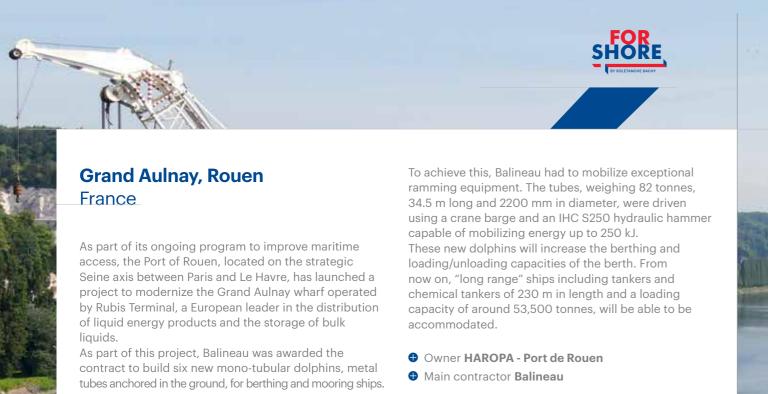
### Port of Cotonou Benin

The capacity of the port of Cotonou, often described as the "economic lungs of Benin", was increased under programme designed to boost access to the country's market. As part of the extension project, Soletanche Bachy was awarded a contract in August 2009 to design and build a 660-metre long quay with a draft of 15 metres. Carried out by a joint venture that also included

Sogea-Satom and Dredging International, work on the south quay, like that on the north quay, consisted in building two parallel diaphragm walls connected by a layer of tie rods, followed by general earthworks, civil engineering, quay equipment (apart from rolling stock) and dredging.

- Owner Port Autonome de Cotonou
- Main contractor Consortium Soletanche Bachy International – Sogea-Satom – Dredging International





With the quay, built nearly 60 years ago, in a very poor condition, Balineau was entrusted with its complete reconstruction from October 2019, as well as its dredging in order to have a harbor with water at any tide. For this reason, a new 540 m long curtain was plugged to enlarge the basin. Temporary sheet piles were used in line with the existing anchors, before being replaced by permanent sheet piles once the new anchors had been installed.

France

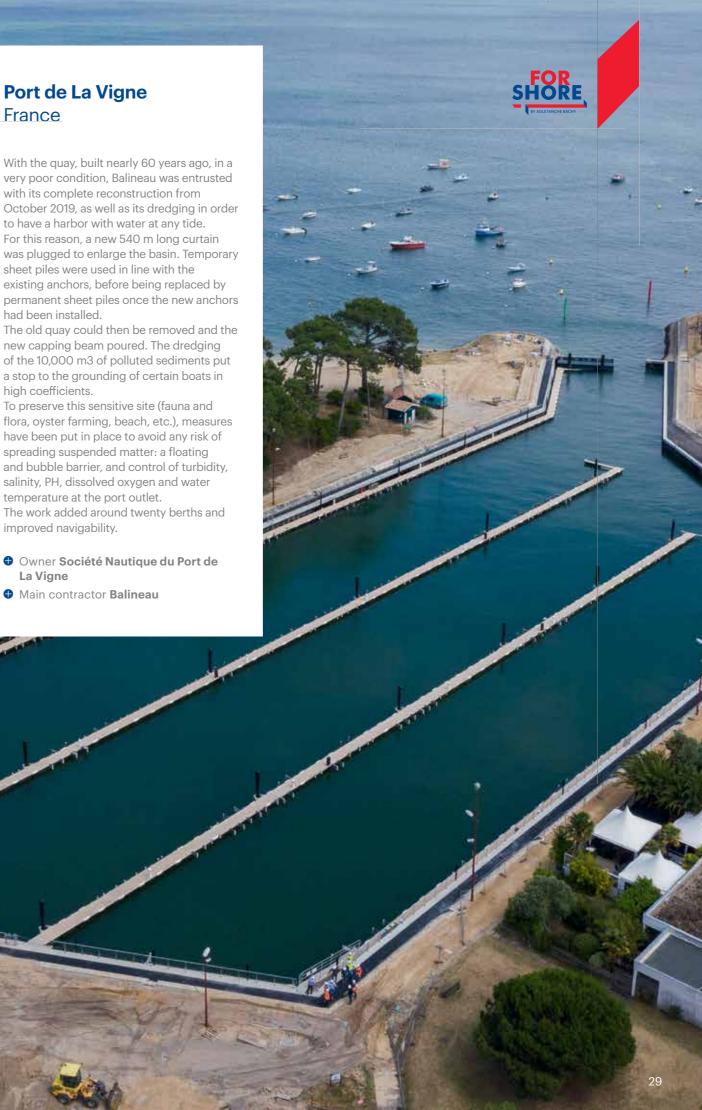
The old quay could then be removed and the new capping beam poured. The dredging of the 10,000 m3 of polluted sediments put a stop to the grounding of certain boats in high coefficients.

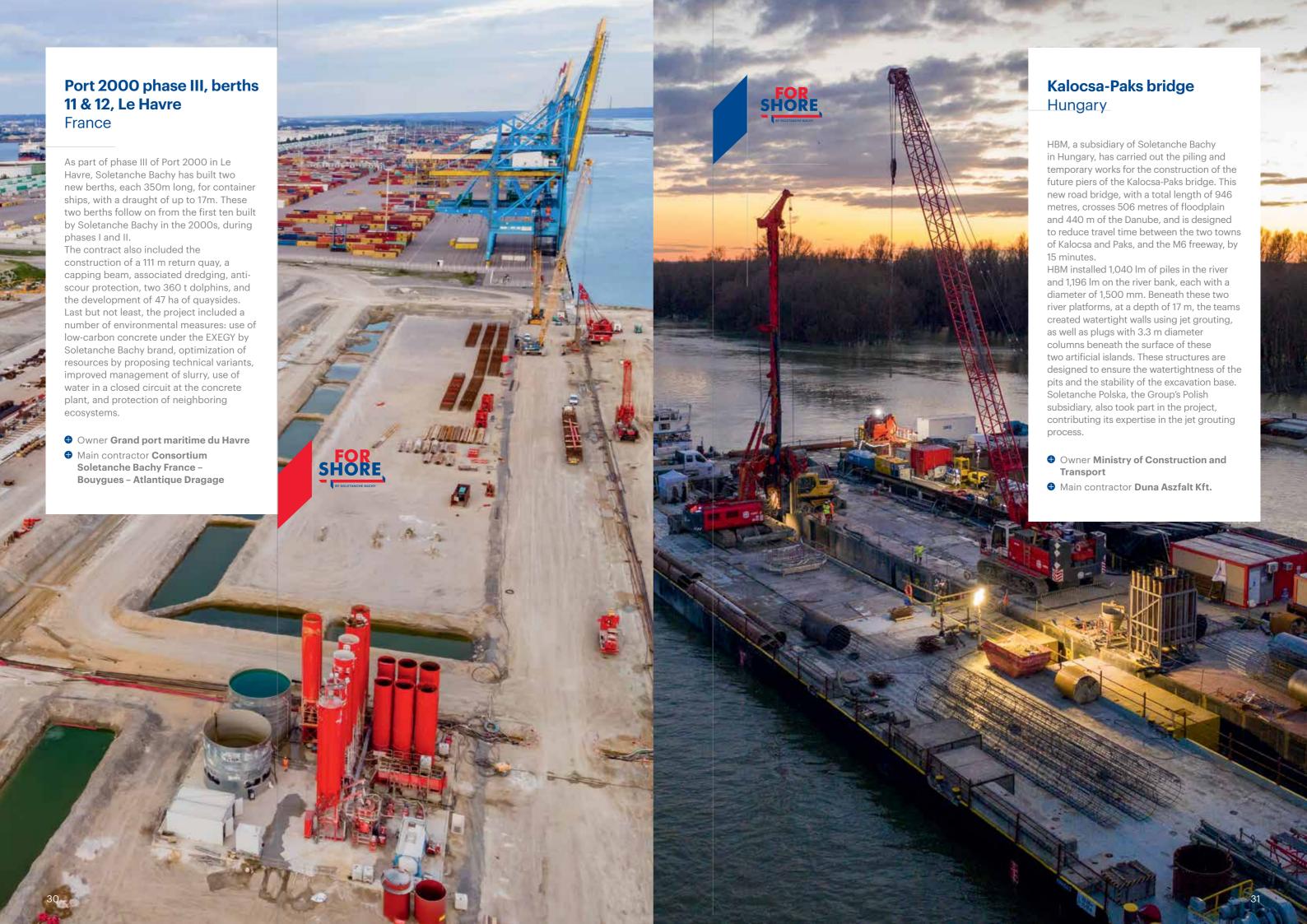
To preserve this sensitive site (fauna and flora, oyster farming, beach, etc.), measures have been put in place to avoid any risk of spreading suspended matter: a floating and bubble barrier, and control of turbidity, salinity, PH, dissolved oxygen and water temperature at the port outlet.

The work added around twenty berths and improved navigability.

Owner Société Nautique du Port de La Vigne

Main contractor Balineau





### Quai de la Rotule, Fos-sur-Mer France

To increase container traffic, the Grand Port Maritime de Marseille has entrusted the consortium led by Soletanche Bachy France with the construction of a new 240 m long quay with a 17 m draught at Fos-sur-Mer. Work began in April 2018 with the construction of a breakwater, which was then consolidated by vibrocompaction by Soletanche Bachy's sister company Menard. Soletanche Bachy then started on the diaphragm walls, followed by the civil engineering works, with the installation of a 240m-long quay girder after dewatering. Operations then continued: anchoring, earthworks, construction of the piles supporting the beam, reinforcement, concreting and installation of equipment. The platform was successfully delivered in September 2020.

Numerous environmental measures have been implemented to protect the shellfish farms, including the installation of a suspended matter barrier and daily turbidimeter measurements.

Owner

**Grand port maritime de Marseille** 

Main contractor Consortium
 Soletanche Bachy France/Buesa
 Menard/Eurovia

### Port-la-Nouvelle France

As part of the modernization of the port of Port-la-Nouvelle, the Occitanie Region launched the rehabilitation of sections C and D of the East II quay. The aim was to secure 175 m of quay by restoring reception conditions, while increasing storage capacity on the rear platform to 15 t/m2. The consortium's variant using a wall of grout-reinforced barrettes was particularly appealing. The idea was to build a discontinuous structure behind the existing curtain wall, while maintaining the anchors, in order to take up the thrust forces through the vault effect between the bars.

The same consortium was then commissioned to build a 200 m long heavy-duty quay (quay no. 2) with an 11.50 m draught, earthworks and dredging.

Part of the quay was dimensioned at 30 t/m2 to support future offshore wind turbines. For this sensitive site, located on the edge of a channel linking the sea to a pond, our teams implemented numerous environmental measures (water and air quality controls, regular inventory of marine species).

- Owner Région Occitanie
- Main contractor Consortium Soletanche Bachy France/Buesa/Menard/VCMF/SDI/GTM



### International airport (3rd runway) Hong-Kong, China

To cope with exponential traffic growth, the airport hub wanted to build a third runway, reclaiming 650 ha from the sea. A project on an unprecedented scale, it faced a number of challenges.

Firstly, an environmental challenge: it was impossible to use the dredge-and-fill method, which would have re-suspended the sometimes polluted marine deposits in the soil and threatened the ecosystem.

The project was therefore carried out using Deep soil mixing, the only solution capable of treating the soil in place without manipulating it, and thus protecting the endemic dolphin species. Soletanche Bachy's expertise in this field is unrivalled. A low-carbon binder was also used.

Secondly, a technical challenge: the immediate proximity of the airport meant that teams had to work

at limited heights, without the airport's activity ever coming to a halt. In addition, most of the work was carried out from barges, by sea, using CSM workshops specially designed by all the parties involved in the project, and thanks to the decisive know-how of Soletanche Bachy's Material Department, Eurofrance's Material Department, TEC System and the Korean experts from Sambo E&C.

A total of 16 workshops were mobilized 24 hours a day, at every stage of the project.

This CSM operation was the largest ever carried out not only by BSGL, but also by the Soletanche Bachy Group. It involved laying 92,000 2.8 x 1.2 m panels at depths of between 15 and 20 m, through marine deposits and loose alluvium. These operations required extensive testing, drilling and sampling.

- Owner Hong Kong International Airport
- Main contractor Bachy Soletanche Group Limited (BSGL), Sambo E&C





## Downtown infrastructure Development Programme, Auckland New Zealand

To host international events, the city of Auckland launched the Downtown Infrastructure Development Programme (DIDP). The aim was to make the waterfront more earthquake-resistant, pleasant and functional. The works include the seismic reinforcement of the road and networks behind the existing quay wall, the modification of the existing pier with the creation of 6 berths for ferries and the creation of a public space along the quay, as well as the redevelopment of Quay Street.

The special works mainly concern reinforcement behind the existing quay wall. As part of the "Early Contractor Involvement", Soletanche Bachy International developed an alternative solution combining bored piles, anchors and jet grouting, in order to optimize planning and adapt to the dense urban environment and different geological conditions of the waterfront.

- Owner Auckland Transport
- Main contractor Consortium Soletanche Bachy International/Downer/HEB



### Brisbane International Cruise Terminal Wharf Australia

To provide southeast Queensland with a facility capable of accommodating the world's largest cruise ships, and to give the region a tourism boost, Port of Brisbane Pty Ltd (PBPL) commissioned Brady Marine and Civil to build a new 200 m long quay and access bridges. The contract also included the installation of a <a href="temporary">temporary</a> loading jetty, the driving of over 100 steel marine piles, the supply and installation of a precast

concrete quay deck and access bridges, and the design, supply and installation of four single-pile mooring dolphins. A design-build variant proposed by Brady replaced the traditional inclined dolphin piles with single 4.3 m diameter piles, resulting in cost savings for the client.

The close collaboration between Brady Marine and Civil and the Port of Brisbane enabled the project to be delivered safely, on time and on budget.

- Owner Port of Brisbane Pty Ltd
- Main contractor Brady Marine & Civil





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### **Africa**

### **Egypt**

Soletanche Bachy International Egypt

#### Morocco

Solsif Maroc SA

### **North America**

### Canada

Soletanche Bachy Canada

### **United States**

Nicholson Construction Company, Inc Soletanche Bachy International Inc.

### **Latin America**

### Argentina

Soletanche Bachy Argentina SA

### Chile

Soletanche Bachy Chile SpA

#### Colombia

Bessac Andina Soletanche Bachy Cimas S.A. Geofundaciones S.A.S. Soletanche Bachy Prefa

#### Costa Rica

Rodio - Swissboring Costa Rica, S.A.

### Guatemala

Rodio - Swissboring Centroamérica, S.A.

### Honduras

Rodio - Swissboring Honduras, S.A.

#### Mexico

Cimentaciones Mexicanas S.A. de C.V. (Cimesa)

### Nicaragua

Rodio - Swissboring Nicaragua, S.A

#### Panama

Rodio - Swissboring Panamá, S.A.

### **Paraguay**

Soletanche Bachy Paraguay

#### Peru

Soletanche Bachy Perú

#### Salvador

Rodio - Swissboring El Salvador, S.A.

### Trinidad-and-Tobago

Soletanche Bachy International Trinidad and Tobago

### Asia

#### Azerbaijan

Zemin Teknolojisi Uluslararası a.Ş. – Baku Branch

### **Hong Kong**

Bachy Soletanche Group limited

### India

Soletanche Bachy International -India Branch

Soletanche Bachy Engineering (India)

### Malaysia

Geotechnical Alliance

### Singapore

Bachy Soletanche Singapore PTE LTD Foundation Alliance

### Vietnam

Bachy Soletanche Vietnam CO. LTD.

### **Europe**

### Belgium

Bachy Belgique Fontec SA

### **Czech Republic**

Soletanche Česká republika s.r.o.

#### France

Agence France Nord Agence France Sud Agence La Réunion Bachy Fondaco Balineau

### Hungary

Hídépítő Soletanche Bachy Mélyalapozó Kft. (HBM)

#### Ireland

McDonnell

### Monaco

Soletanche SAM

### **Poland**

Soletanche Polska Sp. z.o.o.

### Romania

SBR Soletanche Bachy Fundatii s.r.l.

### Slovakia

Soletanche Bachy Slovensko

### Spain

Rodio Kronsa

### Turkey

Zetaş Zemin Teknolojisi A.Ş.

### **United Kingdom**

Bachy Soletanche Limited Roger Bullivant Ltd Soil Engineering Geoservices Limited

### **Middle-East**

### Oman

Soletanche Bachy LLC

### Qatar

Soletanche Bachy Qatar WLL Zemin teknolojisi Uluslararası A.Ş. -Doha Branch (Zetaş Qatar WLL)

### **United Arab Emirates**

Soletanche Bachy Dubai Branch

### **Oceania**

### Australia

GFWA Pty Ltd Brady Marine & Civil Rob Carr Pty. Limited

#### **New Zealand**

March Construction Ltd



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Soletanche Bachy is a world leader in foundations and soil technologies, operating in 60 countries via a network of 80 subsidiaries and branches.

Through its subsidiaries, Soletanche Bachy operates as a general contractor and a specialist subcontractor to design, build, rehabilitate and maintain ports, dams, car parks, metros, tunnels, energy facilities, buildings, etc.

The Group provides environmental solutions by participating in the construction of structures with a positive impact, by implementing optimised technical solutions and by carrying out daily actions on our worksites.

