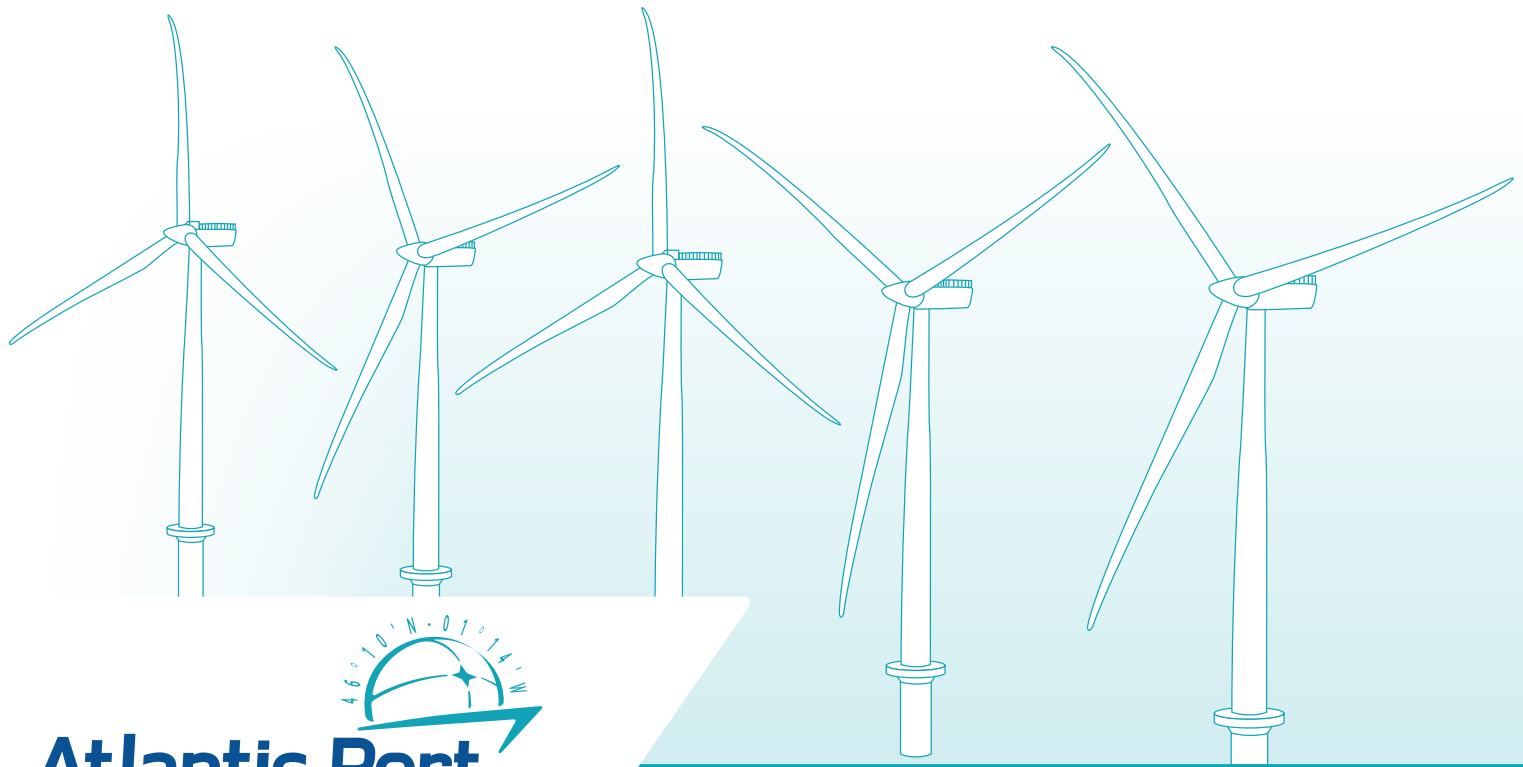




**Atlantic Port
La Rochelle**
The Atlantic deep sea gateway

**Upcoming logistic facilities
for the Atlantic wind farms**





Industrial background

The Port of La Rochelle is accustomed with the transit of oversized parcels, such as locomotives, onshore wind turbines, oil & gas components etc.

Several renowned industrial companies and stevedores rely on us:

- Alstom
- Bolloré Ports
- Groupe Maritime Khun
- Reel-Imeca

Port services

- Piloting, towing, mooring completed in 45min from arrival in approach channel to clearance for handling operations
- Sheltered bay, with unlimited air draft
- Quayside utilities
- Lock basin, dry docks, service berths

Key figures:

6th French deep water port in traffic with 9.6 MT handled in 2018



5,000 lm of quays



70,000 sq. m of covered storage



276 Hectares of available land



Bringing together a workforce of **1715 people**



Sustainable development

The Atlantic Port of La Rochelle demonstrates a strong commitment to developing sustainable policies. With several HSE certifications, our dedication is regularly evaluated and strengthened :

• ESI enticement

By rewarding the sobriety of the vessels calling at port on the basis of ESI score (Environmental Ship Index), the port entices the shipping agencies to charter the most eco-friendly units.

• Decarbonized local energy production.

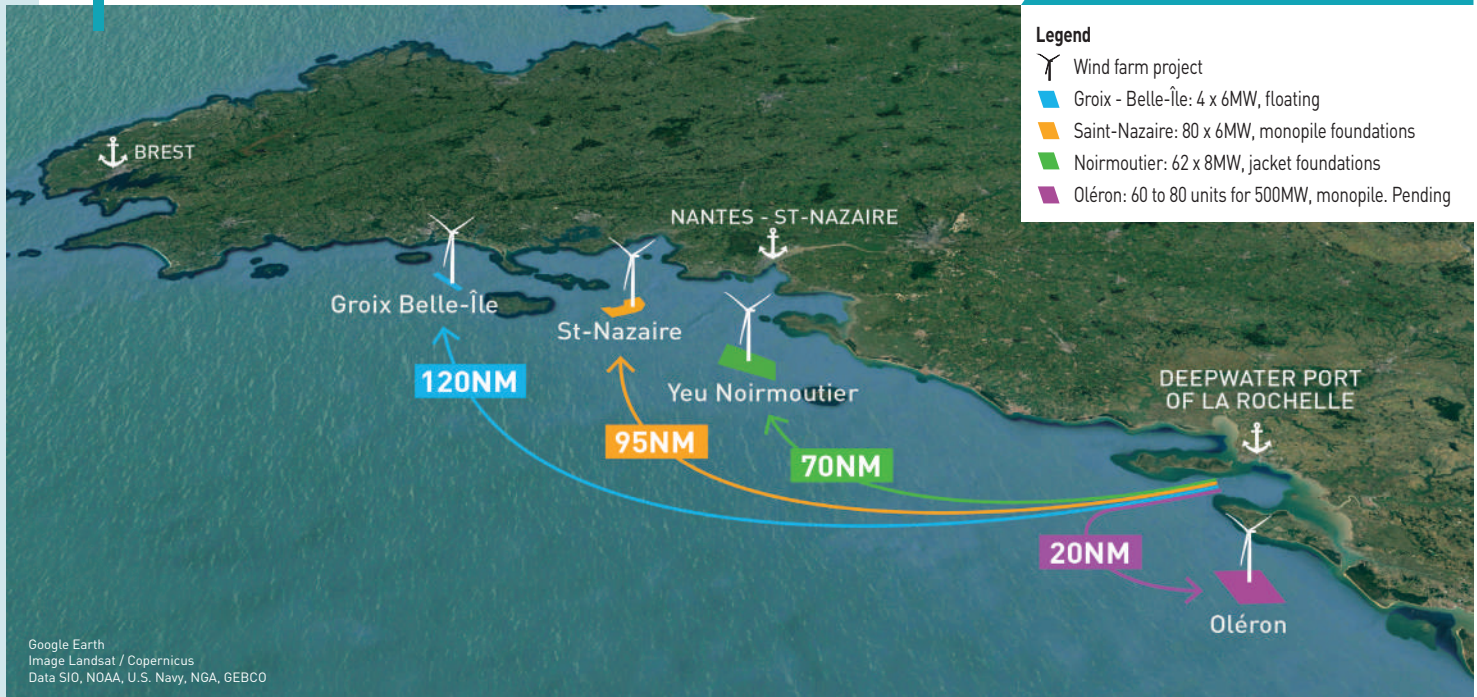
With 15,000 sq. m of PV panels, the port produces 4,500MWh/y of carbon free energy.

• Circular economy

The port has reduced waste production in favouring exchange of by-products among the industries of the port community.

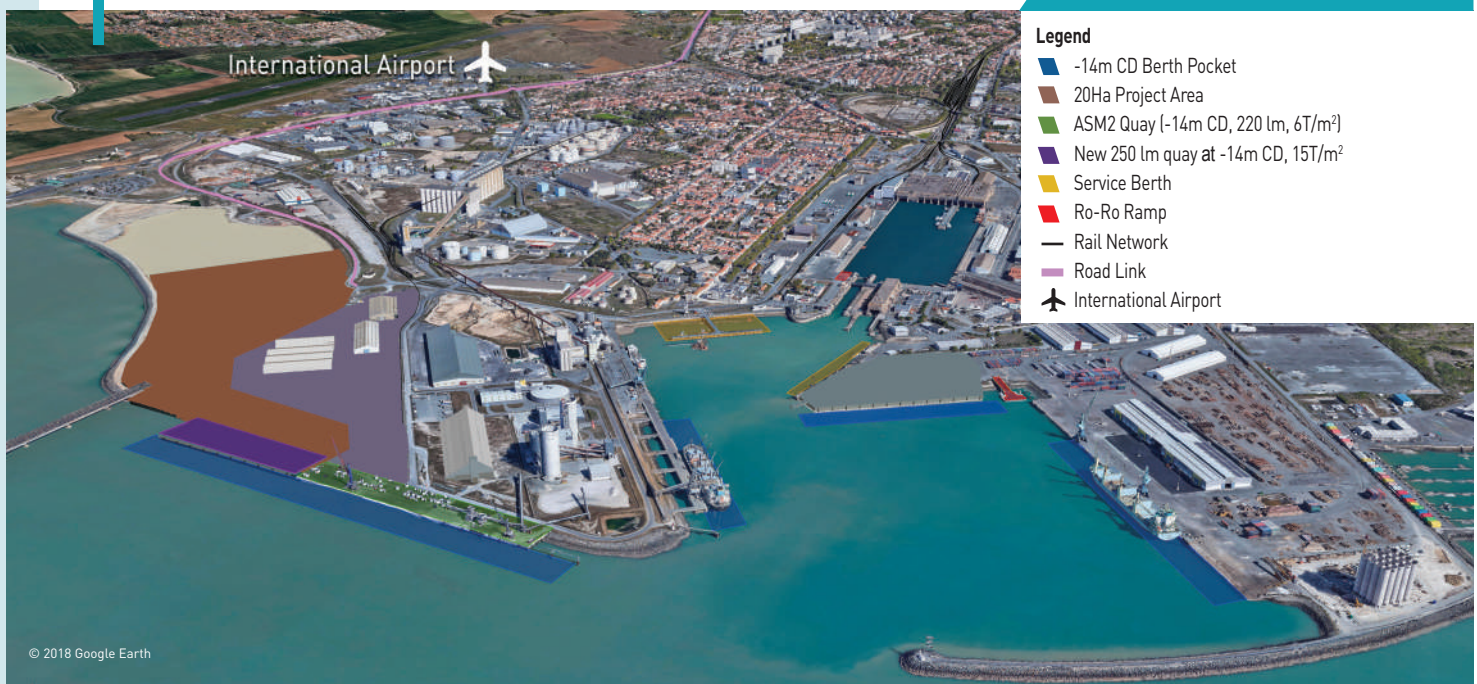
The Port of La Rochelle, the Atlantic deep sea gateway:

The ideal location for supporting logistics associated with nearby offshore wind projects amounting 1500MW, of which 976MW confirmed capacities under 100 Nautical Miles.



Our port facilities offer:

- All tide access for 10m draft vessels
- 1570m of quays at -14,00 m CD (in dark blue below)
- Of which 360m of quay for heavy lifts certified 6T/m² (in green below)
- Of which 250m dedicated to offshore wind projects, ≥15T/m² (in purple below)
- 2 Ro-Ro ramps (in red below)
- Several multipurpose berths available, including public berth for crew boats



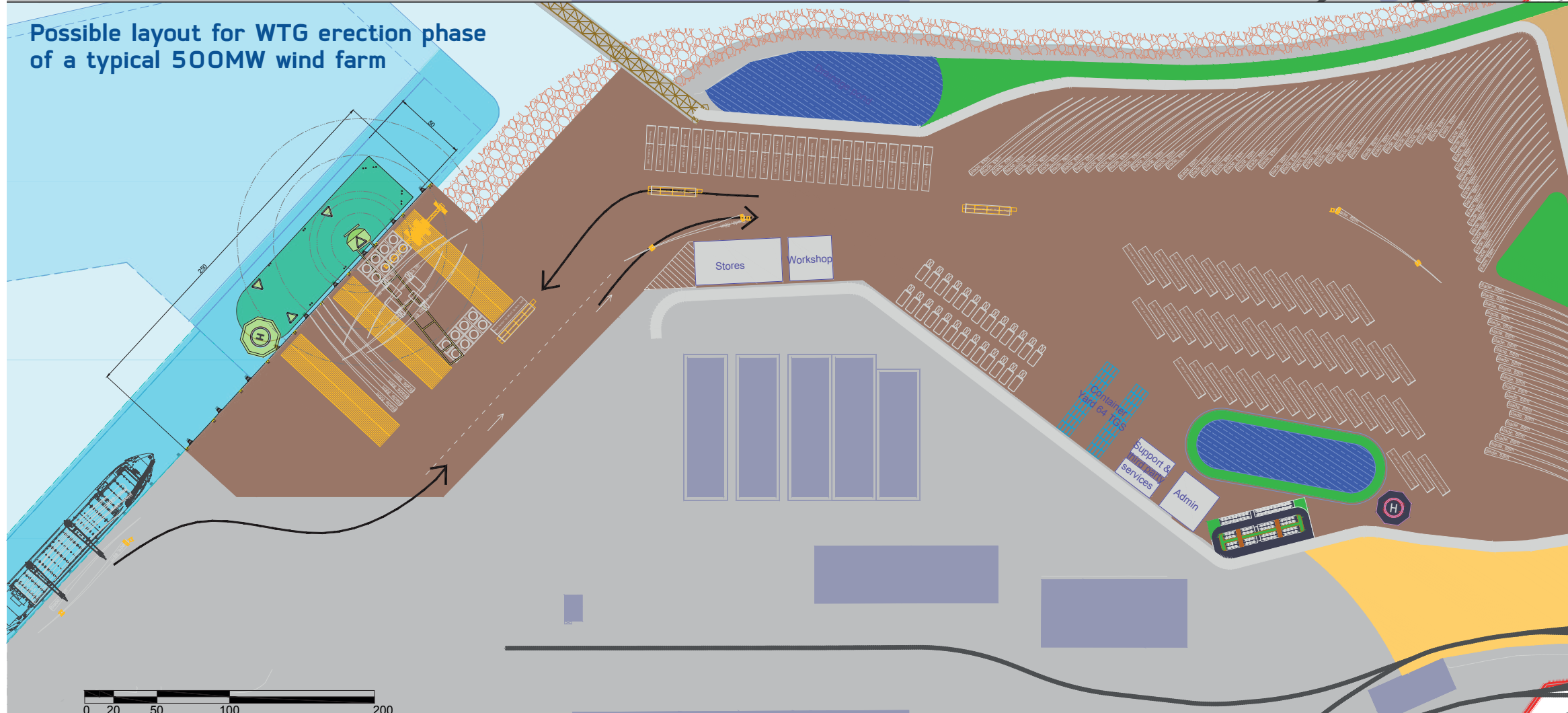
The immediate surroundings of the port facilities feature:

- **Direct** freight rail connection to European network
- **Direct** heavy parcels road haulage access to project site
- **5min** drive to International Airport, daily flights to London, Bruxelles etc.
- **2h30** from Paris, with direct high speed train connection

Possible layout for WTG foundation phase of a typical 500MW wind farm



Possible layout for WTG erection phase of a typical 500MW wind farm



Our project: a new 20 Ha area for offshore wind projects

Operational by 2022, the project is focused on simple and purpose driven design. The facilities will consist of:

Dedicated 5Ha waterfront featuring :

- Direct access to open sea
- 250m long quay, 150m depth
- $>15\text{T/m}^2$ end-bearing capacity
- -14m CD water depth, berth pocket compliant with jack-up loads
- 5Ha quayside storage with differential settlements limited to 1/500
- Possible use of the adjacent quay for components deliveries and loading of installation vessel occurring simultaneously.
- Circulation flows in opposite directions are feasible with the largest parcels with comfortable security clearance and without crossing.

A 15 Ha storage yard featuring (+5Ha spare):

- Direct dedicated access to quay
- Secured area, no crossing road traffic, no overhead structures, nearby rail and road accesses
- Platform design so that differential settlements are kept below 1/500 for the most critical operational loads. Rolling course made for adaptive storage schemes and controlled re-surfacing
- Suitable area for accommodating:
 - (Instant storage capacity for 40 units of WTG foundations (either Monopiles and TP's or Jackets and Piles), eq. to 64% buffer storage of a typical 500MW farm of 8MW turbines

OR

- Instant storage capacity for 26 units of WTG components (nacelles, towers and blades); eq. to 40% buffer storage of a typical 500MW farm of 8MW turbines)

AND

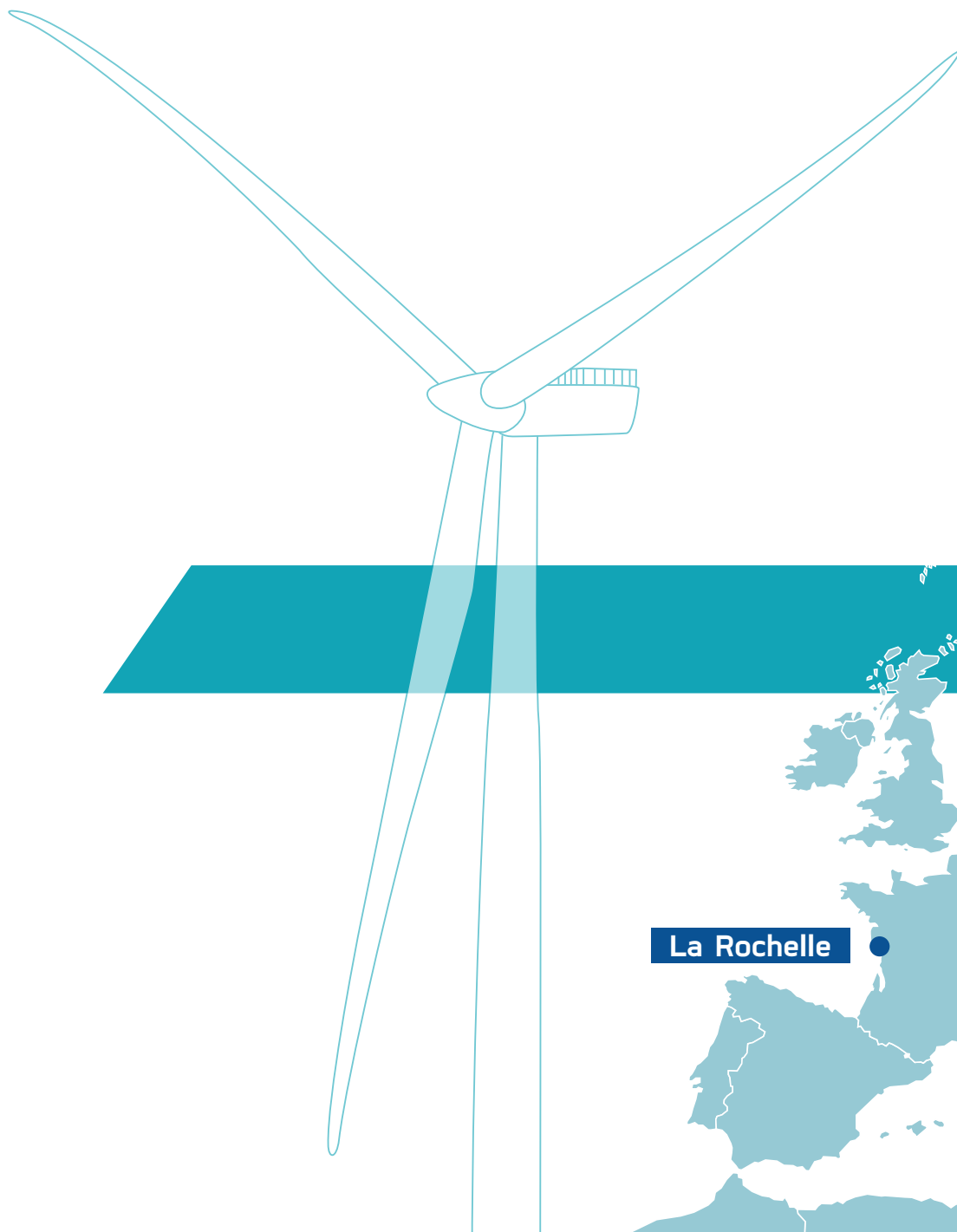
- In the vicinity of main yard, potential future O&M facilities

AND

- Complementary facilities such as car park, offices, workshops, warehouses, helipad or third party services

AND

- Circulation schemes accounting for the necessary clearances associated with the largest parcels



Your contact for any enquiry related with our project:

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