



# Port de Barcelona

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The Port of Barcelona's commitment to the blue economy

**Javier Garrido**  
Innovation Manager  
Port of Barcelona



**2% Catalonia's GDP**

## STRATEGIC PLAN: A MORE SUSTAINABLE PORT



70

Economic sustainability  
70 billion in foreign trade value  
Commercial value



50

Environmental sustainability  
50% of container and ro-ro wharves  
electrified



40

Social sustainability  
40,000 people working  
at the Port

# STRATEGIC AXES:



**New energy model**

Master plan for the energy transition



**Decarbonising maritime-port activity**

Wharf electrification (OPS)  
Land-based power supply



**Reducing pollution**

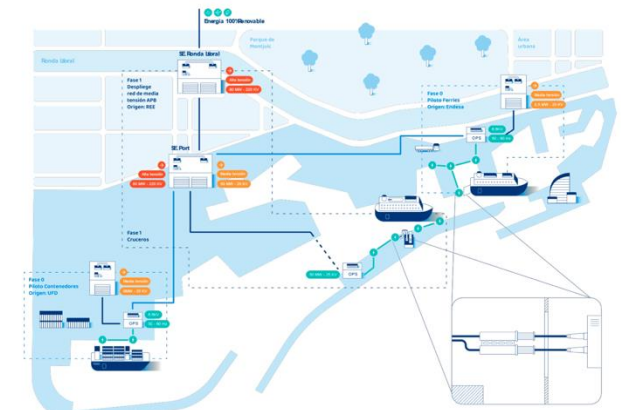
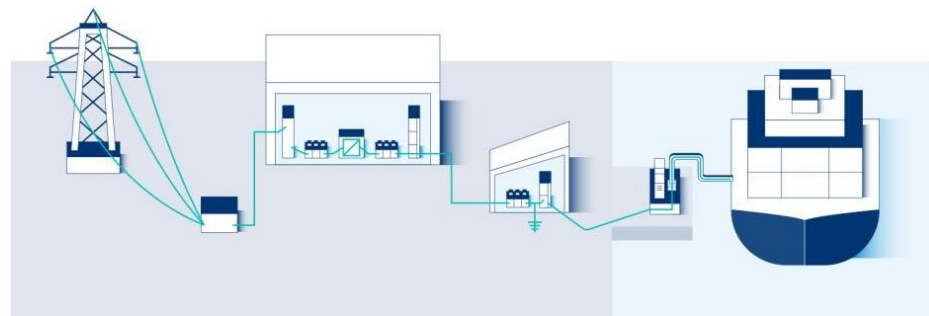
Liquefied Natural Gas (LNG)  
New fuels



**Bolstering intermodality and digitalisation**

Digitalisation of rail container traffic

## Electrification of the Port of Barcelona



# INNOVATION HUBS IN BARCELONA





SPACE



COMMUNITY



OCEAN  
IMPACT



KNOWLEDGE



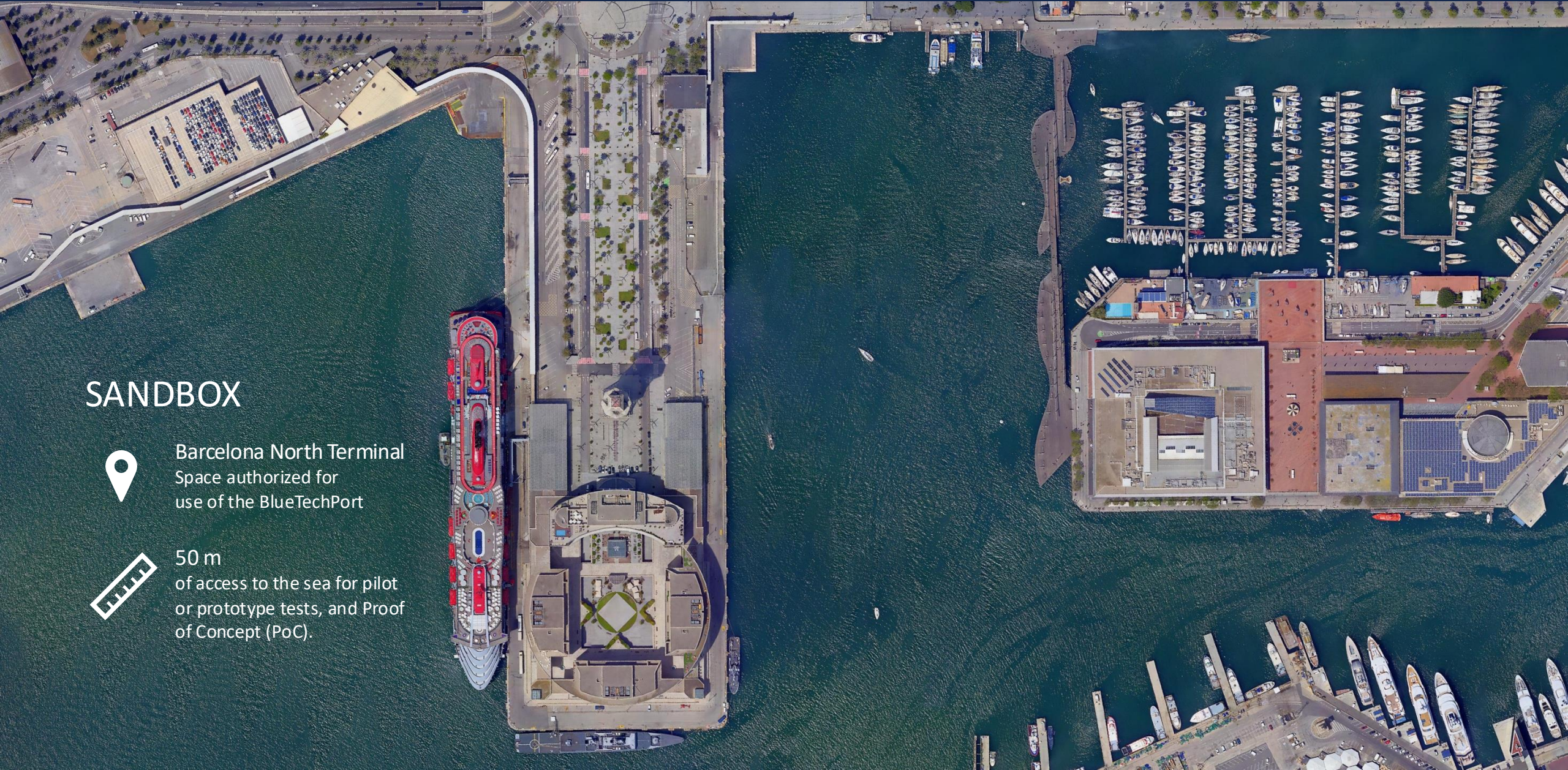
## SANDBOX



Barcelona North Terminal  
Space authorized for  
use of the BlueTechPort



50 m  
of access to the sea for pilot  
or prototype tests, and Proof  
of Concept (PoC).



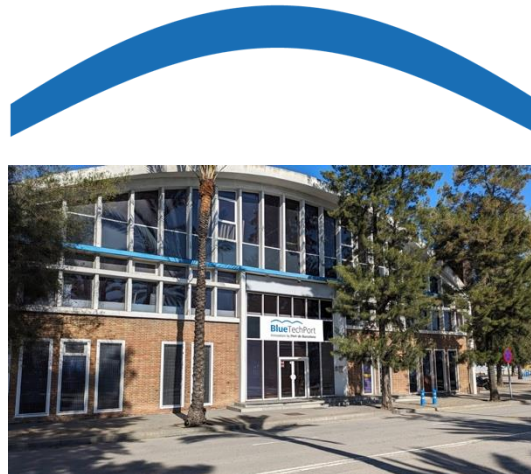
## PHASES



### PHASE 0

Pier 01  
+200 m2 of co-working space

July 2023



### PHASE 1

Sant Bertran Nau 1  
+1,000 m2

September 2024



### PHASE 2

Sant Bertran 2027  
+25,000 m2

December 2027





# PROJECTION 2027 MOLL DE SANT BERTRAN

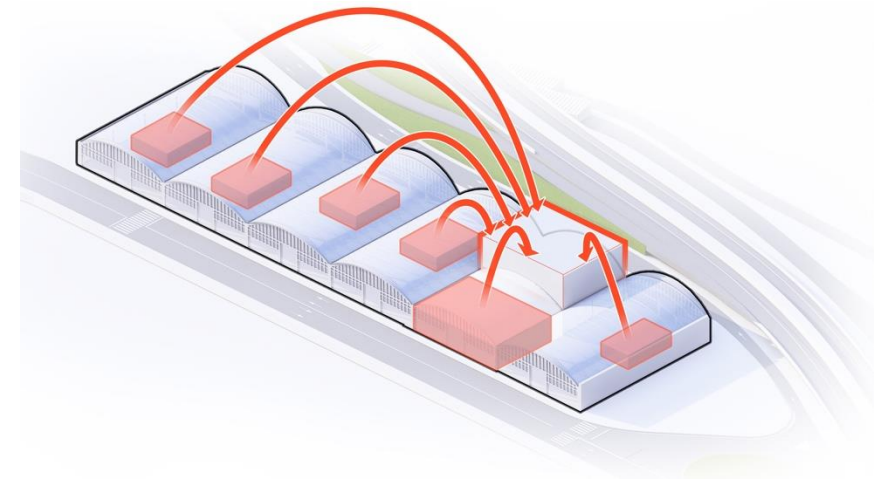
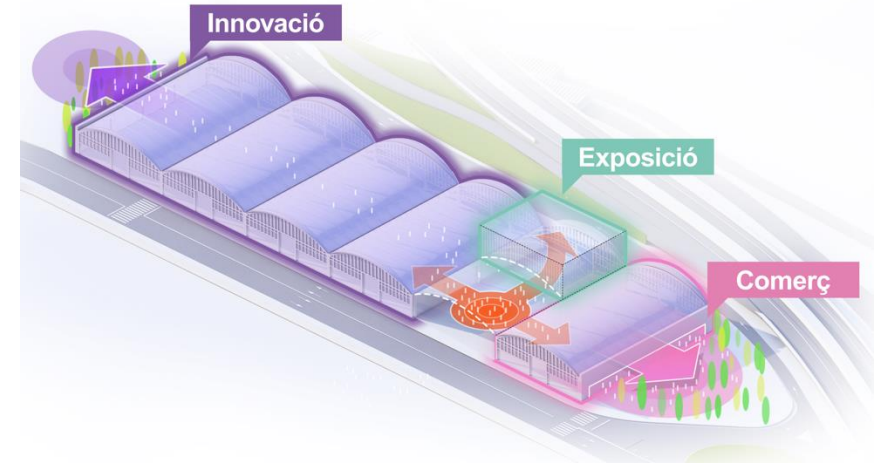


**25,000 m<sup>2</sup>**

for a new lighthouse in the  
Port of Barcelona

Rendering of the projection made by  
b720 Fermín Vázquez Architects.

# THE LIGHTHOUSE



# MAIN ACCESS



# CONNECTION OF THE AREAS







## Activities

Energy Transition Plan

Green shipping Innovation challenge

Building stakeholder community

Port as a Sandbox

Center of excellence



# BlueTechPort

Innovation by **Port de Barcelona**

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The innovation hub dedicated to promoting the growth  
and development of the blue economy

For more information:  
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