

THE LUNG OF BEIRUT

Gain in biomass area over the sea: 316,909 m2.

Mangrove area gain over breakwater: 277.072m2

Gain of public green space for the city: 1,196,000 m2.

Gain of surface area for port activity: 1,091,985 m2.

In front and on the breakwater in the form of islets on the sea extends a biomass formed by mangroves. The purpose of this natural structure is to protect the coasts from the waves while hosting a wide variety of endemic animal and plant life. The system that develops on the breakwater creates a wild circuit for visitors and a natural environment that serves the surrounding buildings. Artificial breakwaters are developed on the sea surface by this sustainable biomass that mitigates the harmful environmental consequences of port and city activities by a natural and ecological system, improving air quality for the city and reducing the impact of greenhouse gases.

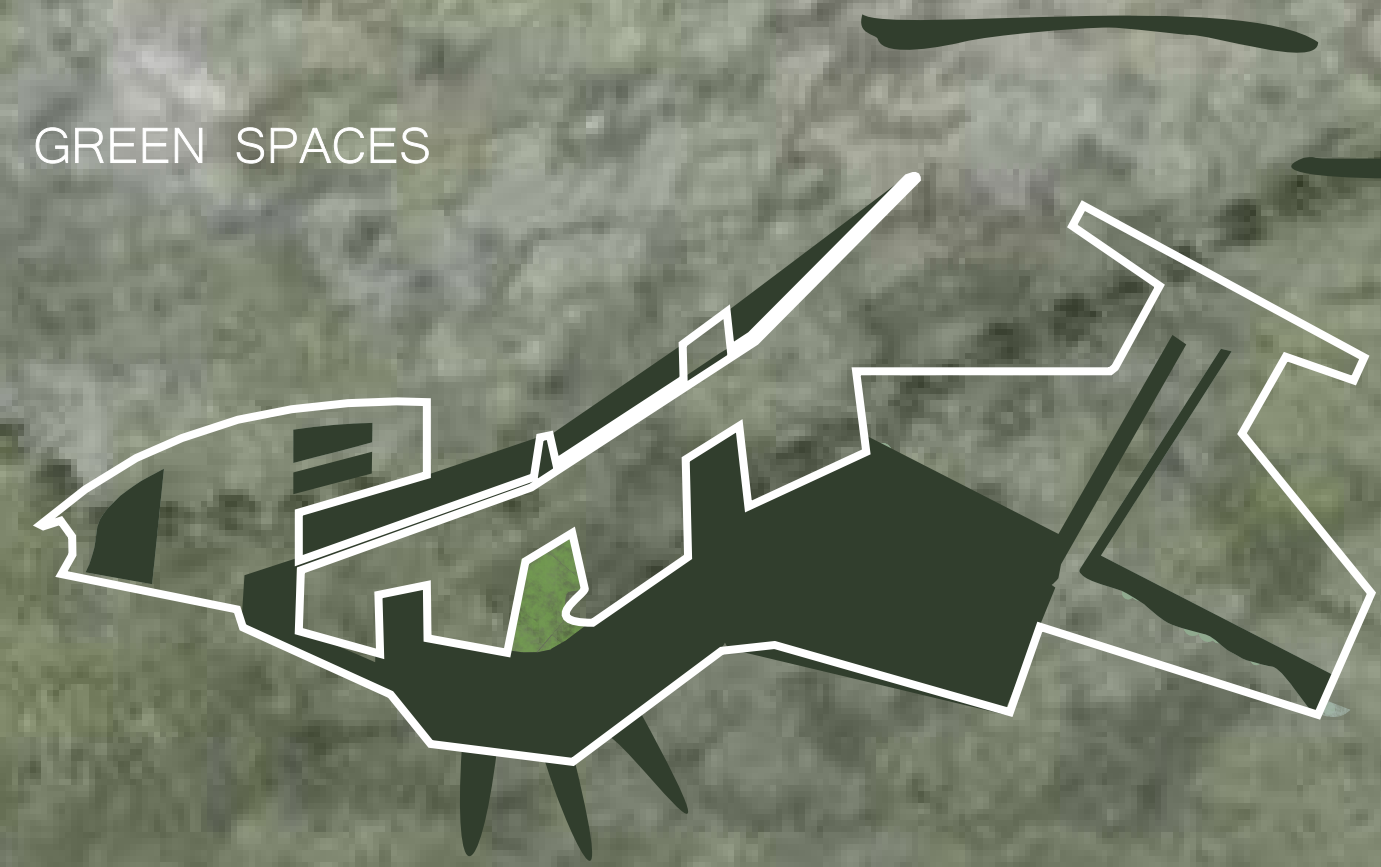
The displacement of port activity and the intervention on the breakwater generates a gain of 1,196,000 m2 of new public space for the city.

Taking into account the importance of the port of Beirut at the regional level, it is partially displaced together with its complementary functions to the west, obtaining a 12% increase in its usable area.

GREEN SPACES

AGGREGATE AREA

AXIS DIAGRAM
Urban structure
Architectural structure



PLANIMETRY

- 1- Financial district

2- Opera House

3- Artificial beach

4- Sea Museum

5- Sea Museum
- 6- Zócalo

7- Market

8- Memorial

9- Hotel/free zone

10- Passenger terminal
- 11- Port

12- Urban park

13- Green interface

14- Karantina District

PROJECT OBJECTIVES

- Rethink the port as a piece of architecture and urban masterplan.

- Exploit the land to promote the economy and commerce.

- Restore storage areas and port functionality.
- New image and sustainable identity.

- Memorial of the event.

- Port-city interface.

Reinventing the idea of the Islamic garden, the landscape environment is resolved with trees and flowers that allude to capture all the senses and create a completely distinctive and novel image.

INSPIRE LI
AWARDS

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