

2/3 REMOVABLE GARDEN AT THE BAY OF SANTANDER

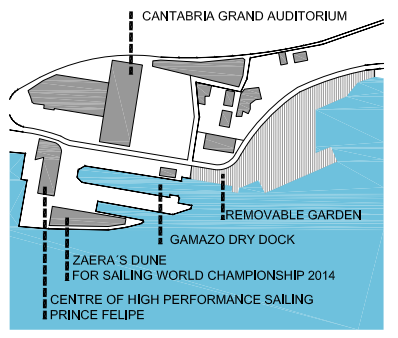
GAMAZO DOCK, santander, SPAIN

FDAARQUITECTOS: LUIS FERNÁNDEZ DEL ARCO+EVA DE LA FUENTE RENTERIA

Industrial processes in urban space

After other great interventions in the same area, the City Hall and the Port Authority reached an agreement on renovating the east extension of Gamazo dock. The project considers different strategies:

REMOVE BARRIERS between the **INDUSTRIAL PORT AREAS** and the **CITY**, creating **NEW INTEGRATED SPACES**



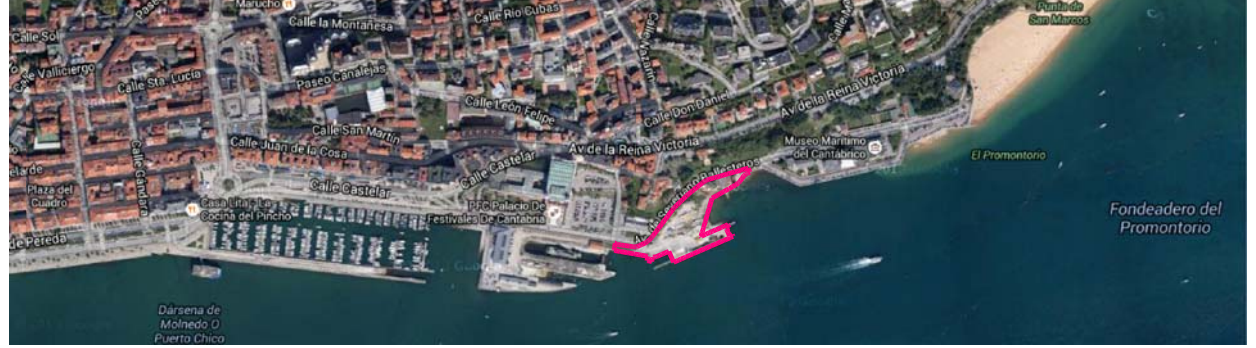
1975 A.D. INDUSTRIAL PORT USES IN ACTIVE



2000 A.D. REMAINING INDUSTRIAL PORT USES

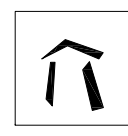


2014 A.D. PARKING FOR SAILBOATS

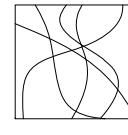


2013 A.D. PHOTOMAP / 1:13000

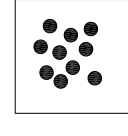
SOCIAL ACTION, opening **NEW SPACES** for **CITIZENS**



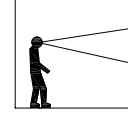
Firstly, this area was occupied by the port. After that, it was occupied by the **WORLD SAILING CHAMPIONSHIP**, and now it is being **OCCUPIED** by **CITIZENS**



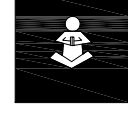
ACCESIBLE and **CONNECTED** with the **CITY**



a new area for **OUTDOORS MEETINGS**, a new **PLAYGROUND**, a new area for **COLLECTIVE USES**



new **BAY WATCHING POINT**



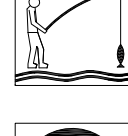
MEDITATION and **RELAXATION**



unsanded **URBAN BEACH**



SLIPWAY for **SAILING USES**



TRADITIONAL FISHING is **ALLOWED**



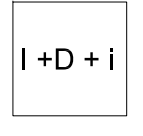
OVERLOADED of **USE 500 KG/m2**



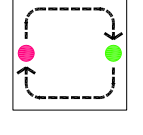
OVERLOADED of **MAINTENANCE VEHICLE 4,5 tn**

INNOVATION:

architecture + **INDUSTRIALIZATION** + urbanism



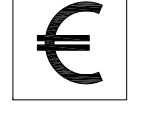
REMOVABLE and **FLOATING SOLUTIONS** used for designing **URBAN SPACE**



REVERSIBLE INTERVENTION (the garden can be removed easily and go back to the initial status of the area, and after it can be set up again)



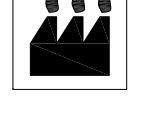
CONSTRUCT over **PREVIOUS CONSTRUCTIONS**, **NO DEMOLITIONS**, **WASTE minimization**



LOWCOST 60,84 €/m2



execution **TIME: 10 WEEKS**

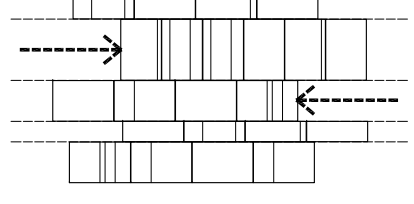
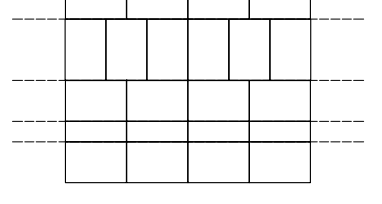


INDUSTRIALIZATION **PRECAST CONCRETE PIECES**, **LARGE SIZE**, **READY TO SET**



concrete **PAVEMENTS**
445 PRECAST CONCRETE SLABS are on set. These **TEXTURED** slabs (exposed aggregate concrete) can be **MOVED EASILY WITH AUXILIARY MEANS** and machinery. The most frequent sizes are 360x240 cm and 360x120 cm
All these slabs model an **ACCESSIBLE SURFACE** that modifies neither its support surface nor the previous system to drain rain water. The slabs, like **MATS** on sand, **LEAN ON JOISTS (RAILS)** not adhered to the support surface either

GREEN areas
Green areas **LAY ON FLOATING FOILS** for drainage. There are different green areas, the ones in grass and the others with plants. The most significant are the big **GRASS EXTENSION** and **THE "MAGIC" AND "SECRET" GARDEN** at the front. This secret garden is **BASED ON MEDIEVAL** ("hortus conclusus") **AND MUSLIM GARDENS**



1.

2.