

Country /City Spain / Barcelona

University / School UPC - ETSAB. MBLandArch

Academic year 2021

Title of the project Other Barcelonas: essays and attempts on a possible city

Authors Víctor Díaz-Asensio García

## TECHNICAL DOSSIER

<b>Title of the project</b>	Other Barcelonas: essays and attempts on a possible city
<b>Authors</b>	Víctor Díaz-Asensio García
<b>Title of the course</b>	Master's Final Thesis
<b>Academic year</b>	2021
<b>Teaching Staff</b>	Anna Zahonero, Ioanna Spanou
<b>Department / Section / Program of belonging</b>	MBLandArch. Department of Urbanism, Territory and Landscape
<b>University / School</b>	Polytechnic University of Catalonia (UPC). ETSAB.



### Written statement, short description of the project in English, no more than 250 words

Our city does not escape the demands imposed by climate change, with increasingly frequent tropical nights, torrential rains, urban flooding, rising sea levels, and a long list of challenges that need to be confronted decisively.

Faced with such a scenario, the question arises: Is it possible to design a resilient city that can respond to the effects of the current climatic emergency, using the memory and elements of Barcelona's original territory and geography to reincorporate the urban metabolism into the dynamics of its environment?

The work is based on studies of the water cycle and flooding, two key elements to be taken into account in order to imagine a city that is not only possible, but necessary, and asks: How is it possible that a territory structured by its rivers and streams is now incapable of managing water coherently and efficiently? Would it not be possible to recover this structure, and thus propose a resilient city model that makes use of the elements that are the genesis of its existence, and thus reweave the relationships between the city and its territory?

Barcelona and its ancient streams, especially the Riera d'Horta, are the case study proposed to show that if our cities are defied by these questions, and the current climate challenge, landscape is the answer.

For further information

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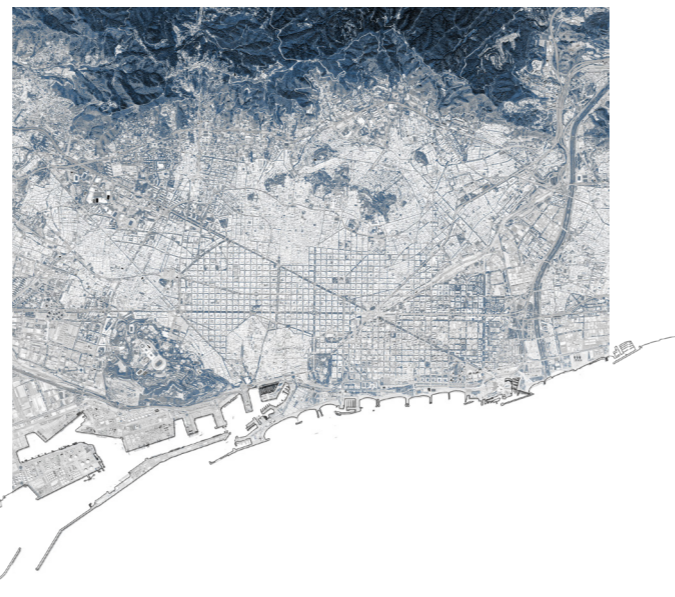
**12th International Biennial Landscape Barcelona**

**Barcelona November 2023**

**SCHOOL PRIZE**



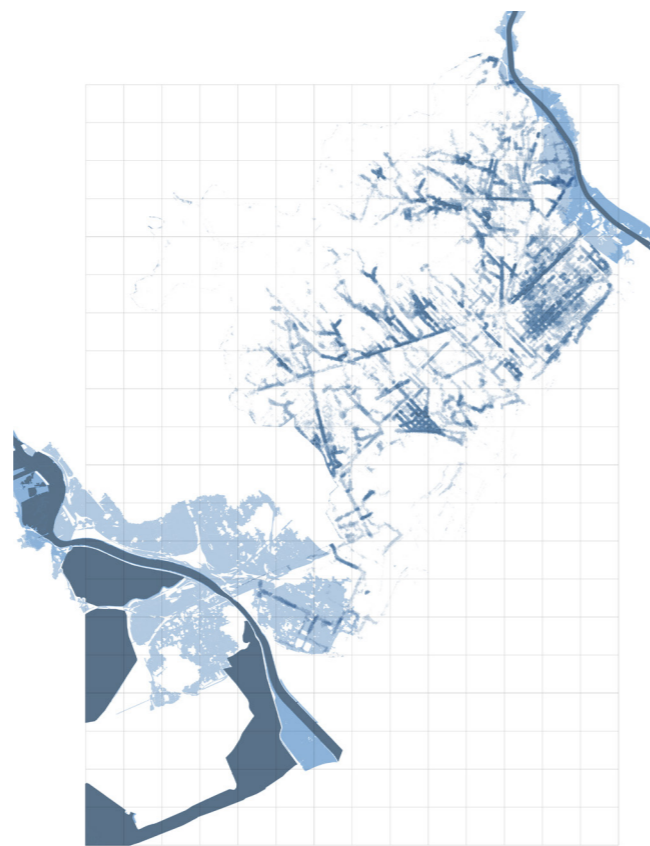
**A.**  
BARCELONA AND ITS PLAIN  
(BY PAU VIDAL)



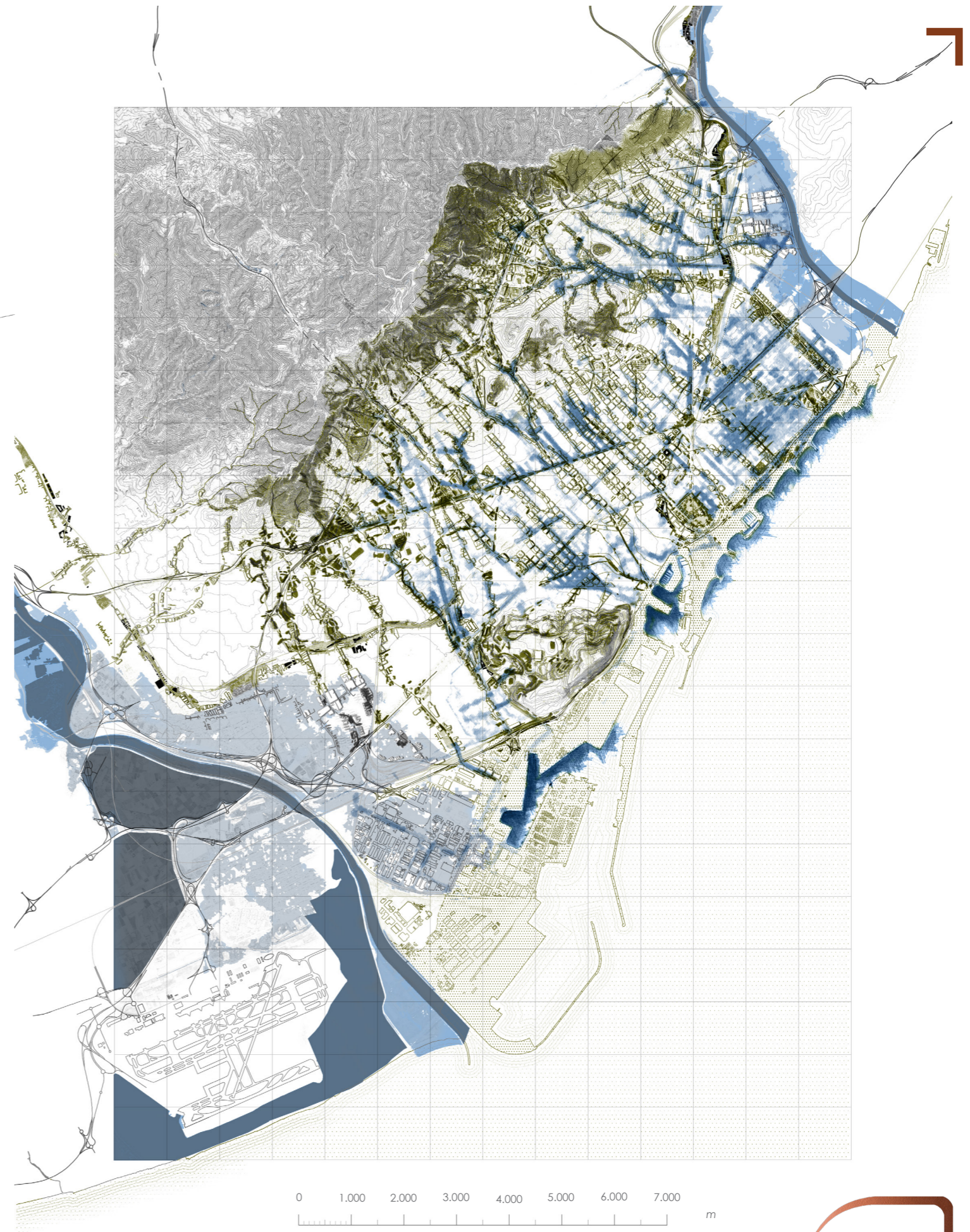
**B.**  
CURRENT BARCELONA  
THE CITY AS AN IMPERMEABLE MINERAL



**C.**  
OPORTUNITIES  
BARCELONA DRAWN FROM  
THE WATER



**D.**  
FRAGILITIES  
BARCELONA. RISKS OF THE  
FLOODING CITY

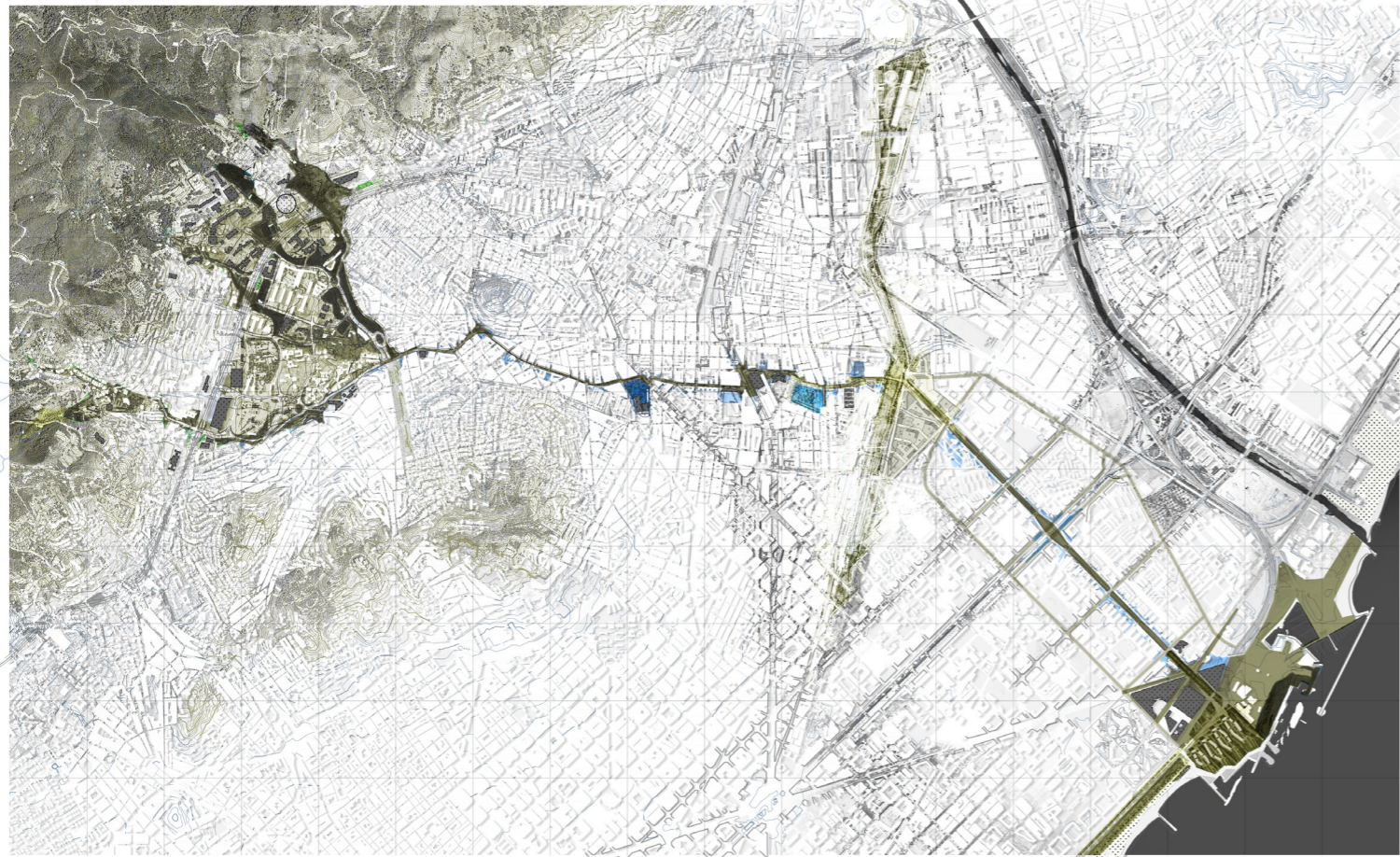


0 1.000 2.000 3.000 4.000 5.000 6.000 7.000 m

BARCELONA.  
BRINGING OPPORTUNITIES AND FRAGILITIES TOGETHER.  
IDENTIFICATION OF POSSIBLE PROJECTS.

e 1: 80.000

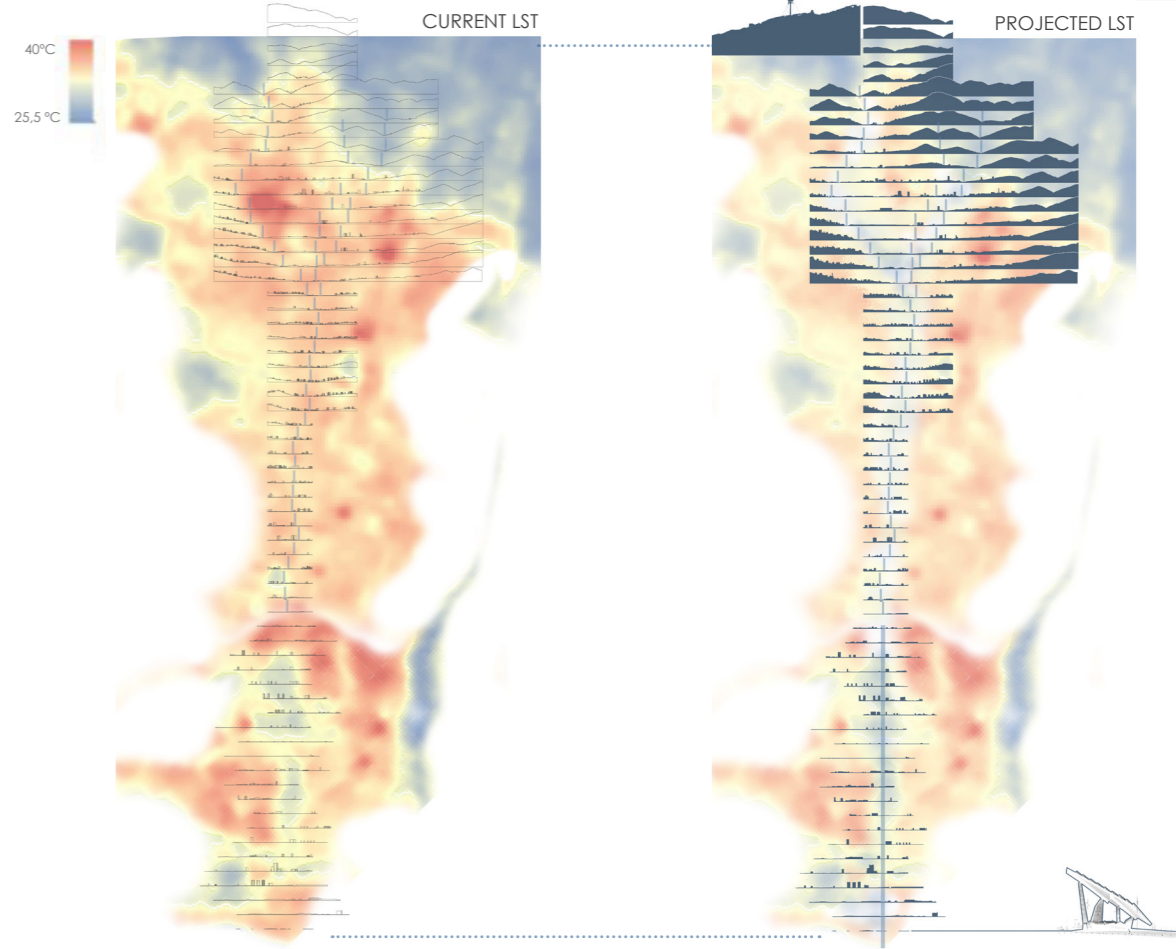




- CONSOLIDATED PUBLIC SPACES
- BY-PASS SPACES
- RIERA D'HORTA
- ADJACENT PROJECTS
- URBAN TRANSVERSALITIES

0 500 1.000 1.500 2.000

MASTERPLAN.  
POSSIBLE CITY: THE CASE OF RIERA D'HORTA



LAND SURFACE TEMPERATURE IMPROVEMENT

RECOVERING THE PAST, DISCOVERING THE FUTURE

Let us place the time and current state of Rambla Prim in ellipsis, imagining other possible Ramblas, the result of the succession of different times, and taking from each one of them what best serves us to materialise a vision of that timeline which, from now on, may once again be possible.

Its times must remind us of its beginnings as a river...

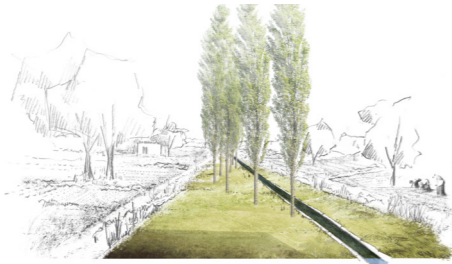
... the large central strip built on the edges of the large ditch...

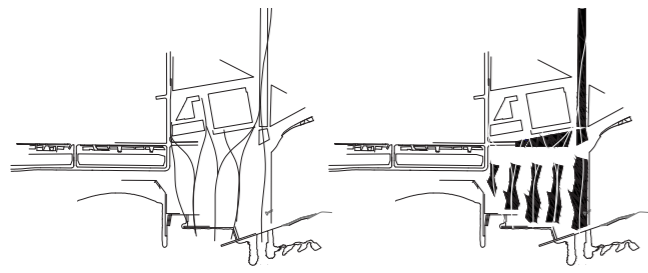
... alignments of plane trees that underline its new status as a promenade and urban element...

... The park-road that offers various quality spaces and climatic refuge to the citizens...

... a resilient pathway capable of confronting the challenges of the current climate crisis...

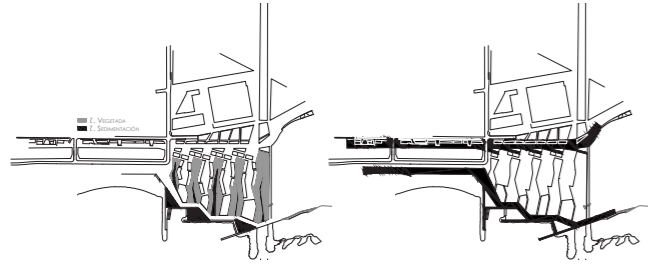
... and help to reincorporate the urban metabolism into the dynamics of the territory from which it originates.





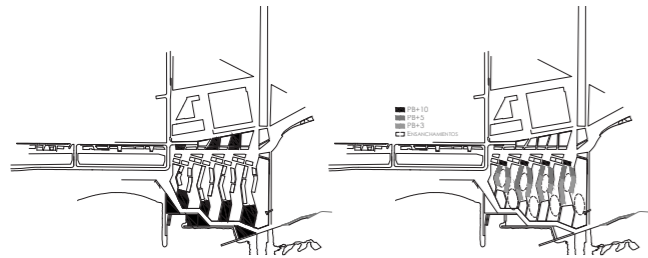
**A.**  
REMEMBERING THE  
MOUTHS OF THE SEA

**B.**  
REVEALING THE  
PATHS OF WATER



**C.**  
TOUCHING THE SEA

**D.**  
URBAN CONTINUITIES



**E.**  
MAKING WALKWAYS  
MORE DYNAMIC

**F.**  
URBAN DENSITY



MOUTH OF THE RIERA D'HORTA



1.



2.



3.

**1.**  
In the areas where the platform has its low points, and in relation to the sea, there are areas of wetland beaches...

**2.**  
...Able by design to respond to the demands of global warming and sea level rise...

**3.**  
...Whose construction, although it does not renounce the condition of that which is built by man, is aligned with that which, with time, water and territory, could have been built by its own means.