

- Ambients litorals i salins
- Plans costaners hipersalins
- Vegetació salina
- Junqueres marítimes
- Platges arenoses
- Duens i zones interdunars
- Platges de còdols
- Penya segats i costes rocoses
- Ambients continentals
- Penya segats i costes rocoses
- Llits i marges de rius
- Règim fluvial mitjana
- Règim fluvial inferior
- Molleres i aiguamolls
- Canyissars
- Comunitats de masega
- Canyars de vores d'aigua
- Phalaris arundinacea
- Slicornia
- Carrizo
- Pesca a Mar obret
- Pesca de Badia
- Pesca de Riu
- Cultiu d'arròs
- Cultiu de cítrics
- Tren
- Autopista
- Carretera
- Camins i ciclovies
- Antigues Rutes de Tranhumància
- Municipi
- Urbanització
- Masies catalogades en desús

Country /City Spain /Barcelona
 University / School MBLandArch - ETSAB (UPC)
 Academic year 2019/2020
 Title of the project DELTA DE L'EBRE. New resilient productive equilibrium to face the climate change
 Authors Marta Ines Cot

TECHNICAL DOSSIER

Title of the project DELTA DE L'EBRE. New resilient productive equilibrium in the face of climate change
Authors Marta Ines Cot
Title of the course Master Final Thesis
Academic year 2019/2020
Teaching Staff Anna Zahonero / Ioanna Spanou
Department / Section / Program of belonging
MBLandArch - Department of Urbanism, Territory and Landscape (DUTP)
University / School ETSAB - UPC



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

Ebre Delta is a territory marked by the presence of water, a hydrological substructure that sustains the region in terms of productivity, social dynamics, and ecology. Therefore, to address the challenges consequence of the climate change, it is necessary to adopt a theoretical standpoint based on optimistic action to recover an evolving and resilient delta. Through the lens of the concepts of Biodiversity, Productivity, and Connectivity; the values and vulnerabilities of a territory in a fragile equilibrium heavily threatened by the impacts of climate change, are identified. The strategy derived from this analysis involves reversing the logic of water management, enhancing the river as a major connector, introducing movement and time as landscape-generating agents, and utilizing available resources, thus generating a complex and evolving proposal. The intersection of this strategy with the territory and reality materializes the project, shapes the environment, and modifies the landscape.

In conclusion, shifting the logic of the current water management system in the Ebre Delta, as the embryo of such a specific strategy on-site and globally in the territory, can effectively address the imminent situations of the climate emergency.

For further information

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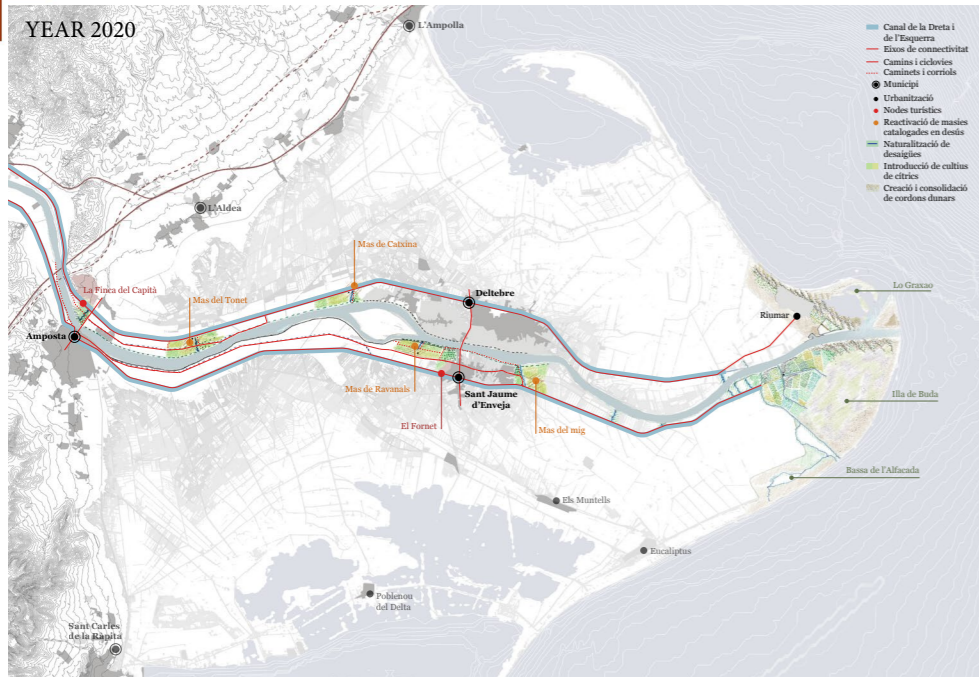
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12th International Biennial Landscape Barcelona

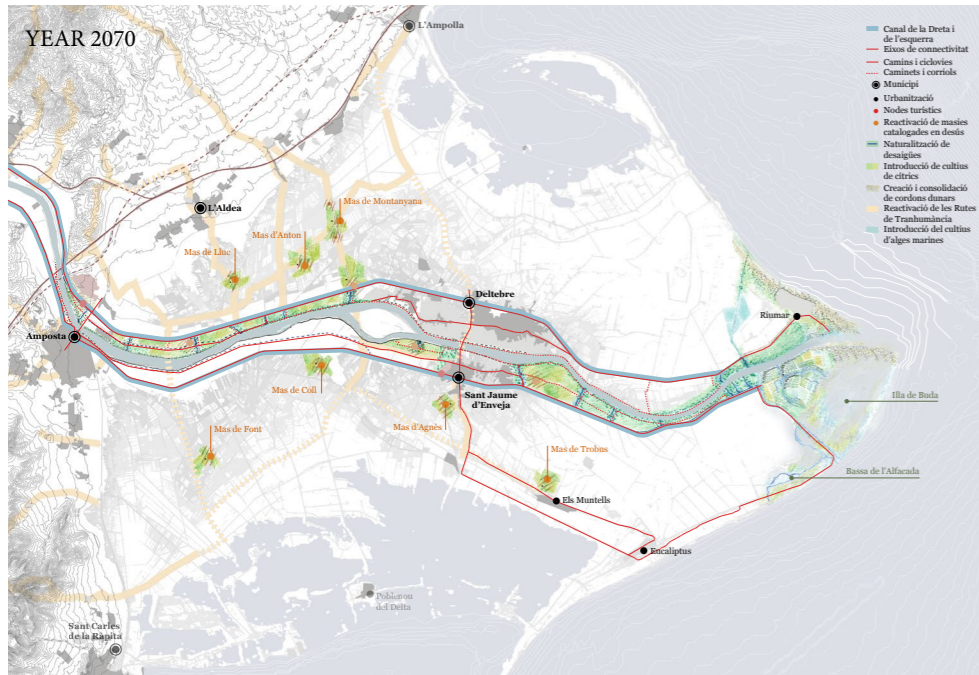
Barcelona November 2023

SCHOOL PRIZE

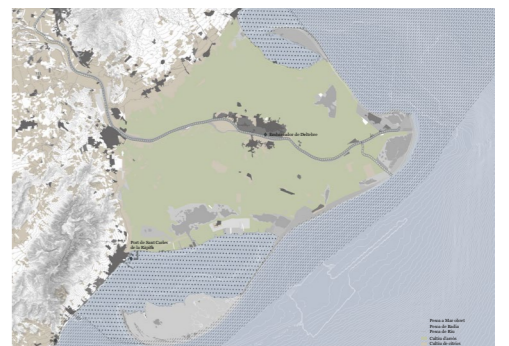
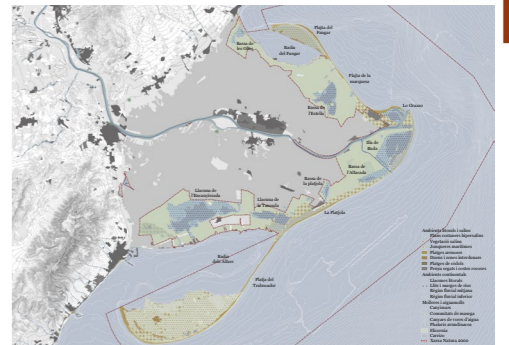
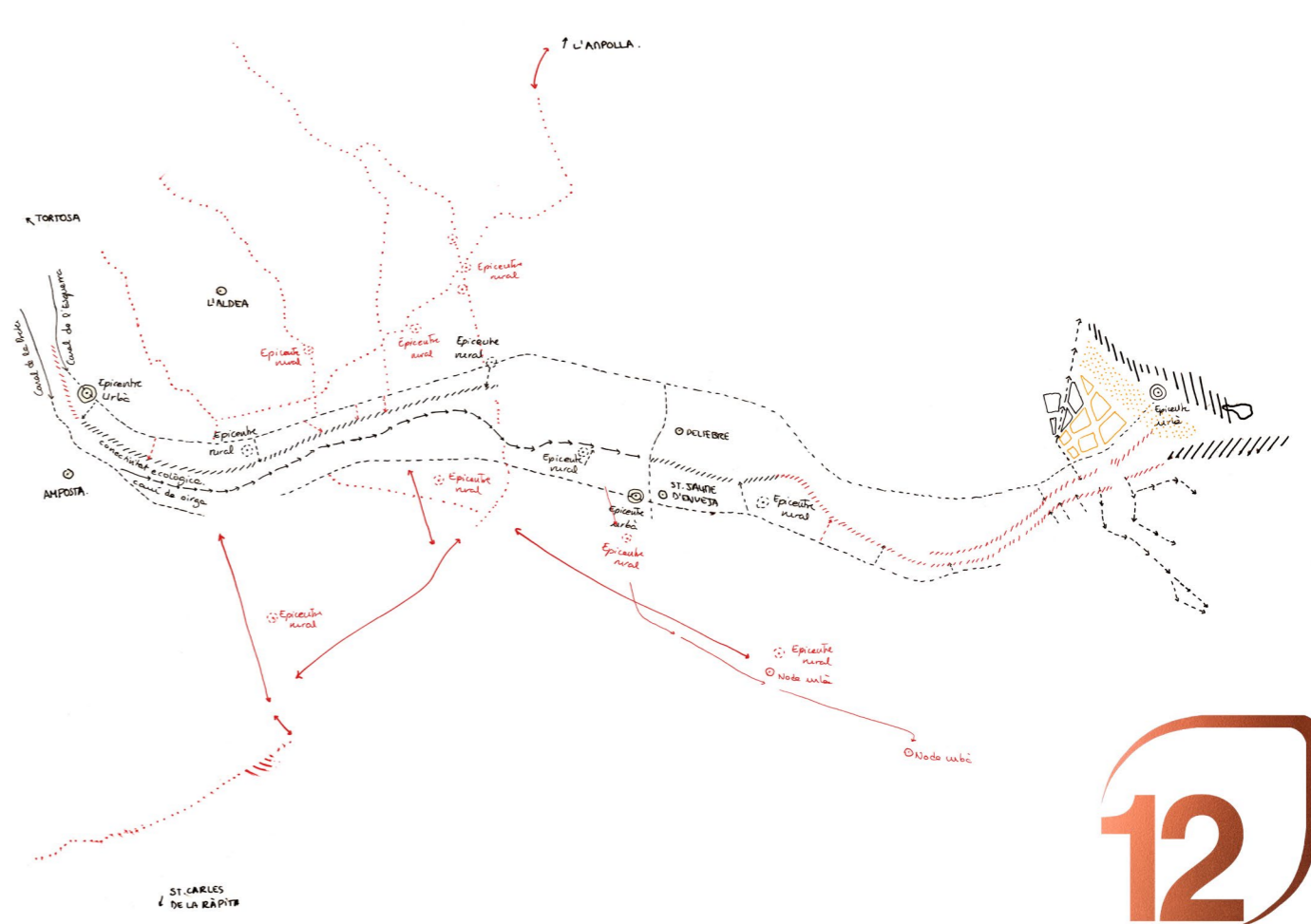
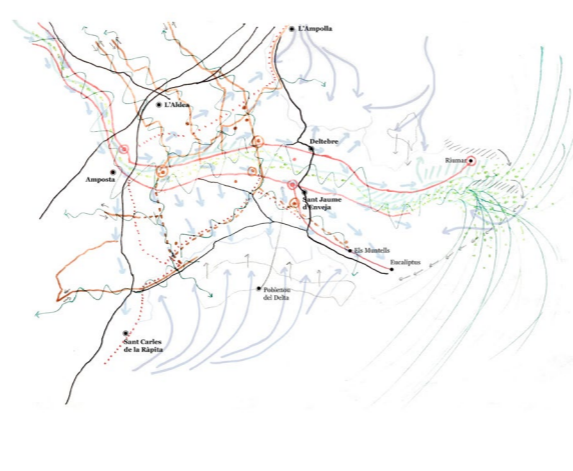
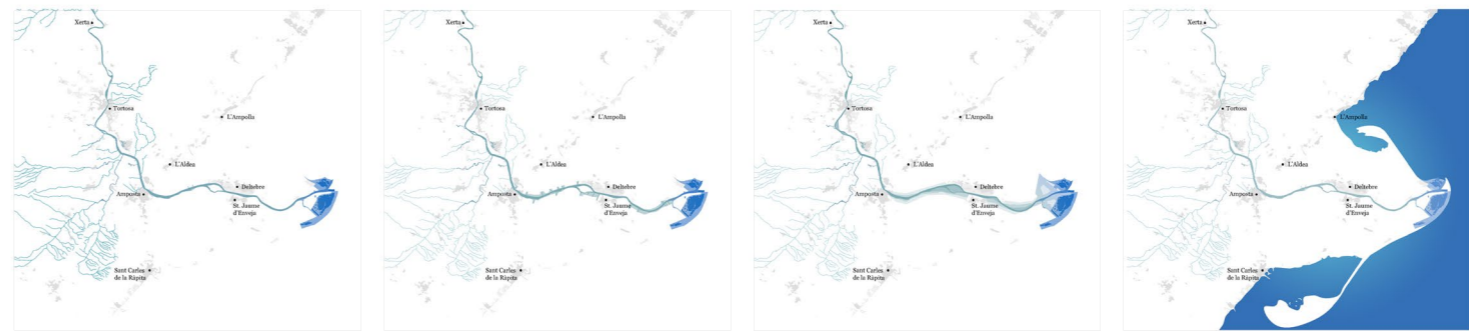
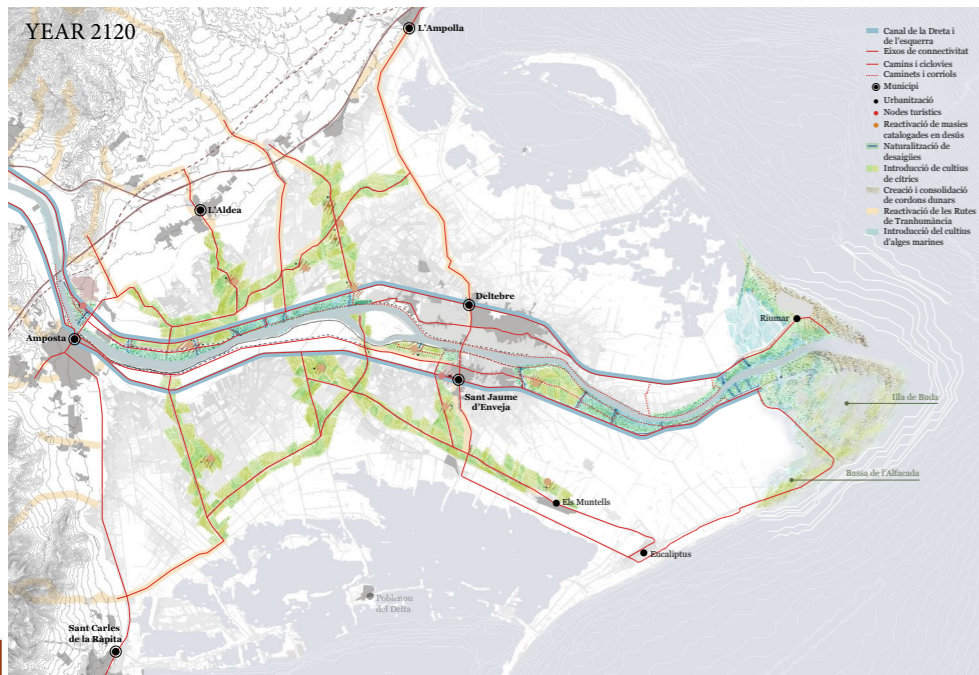
YEAR 2020



YEAR 2070

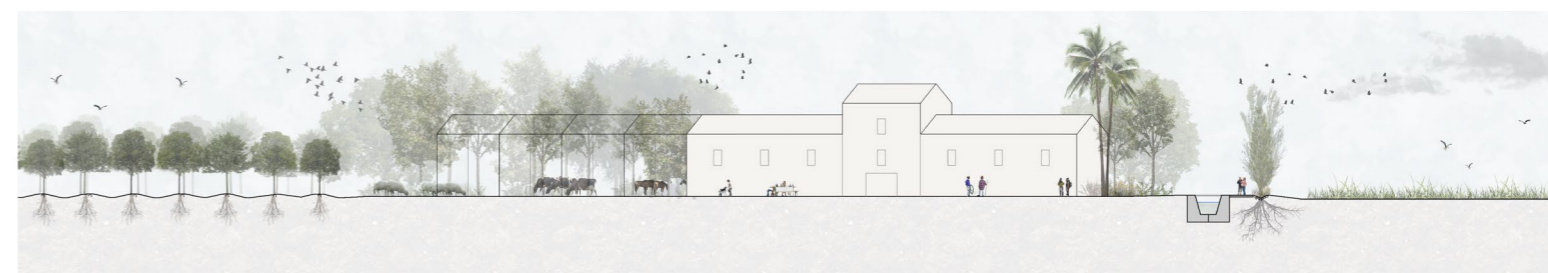


YEAR 2120





Canal de l'Esquerra Allotjaments Ecoturístics a la Finca del Capità Camí del Riu Aiguamolls fluvials - Espai inundable de fluctuació del Riu



Camps de fruiters Ramaderia Reactivació del Mas en desús Ruta de Transhumància Arossars



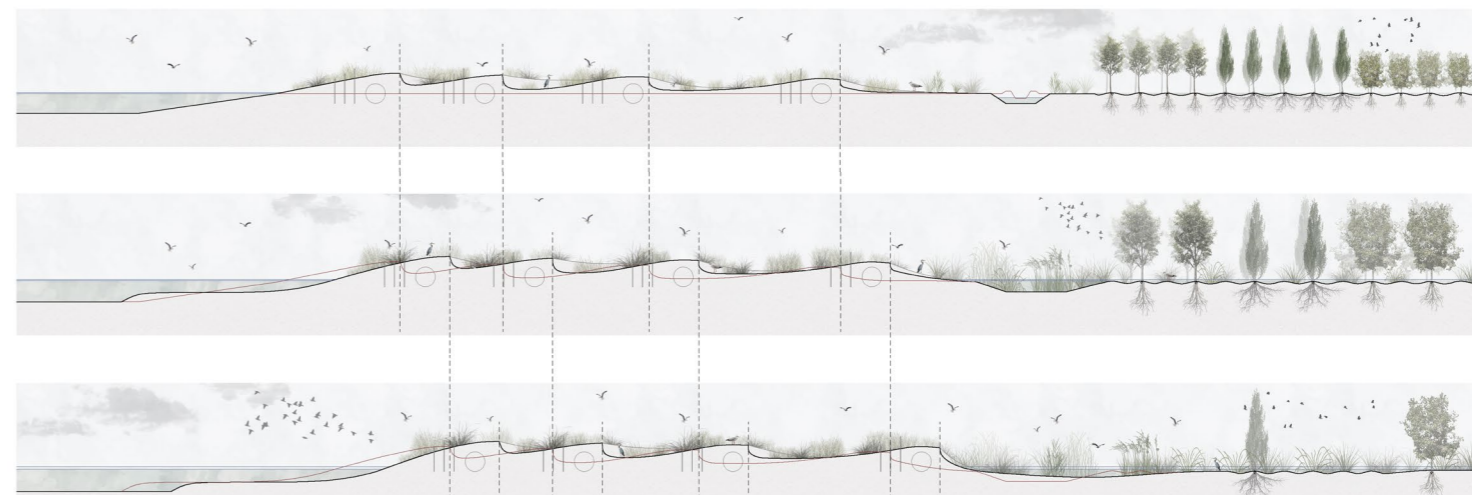
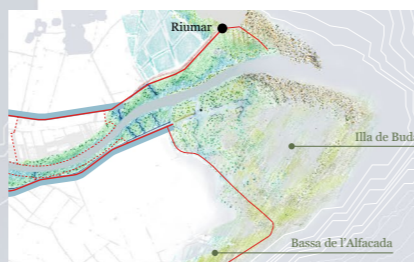
YEAR 2020

Consolidació de cordons dunars existents

Creació de nous cordons dunars

Viver d'espècies per a la naturalització fluvial

Bifurcacions fluvials per potenciar l'estuari



Sistema dunar resilient a la pujada del nivell del mar

Bifurcació del Riu

Viver d'espècies fluvials



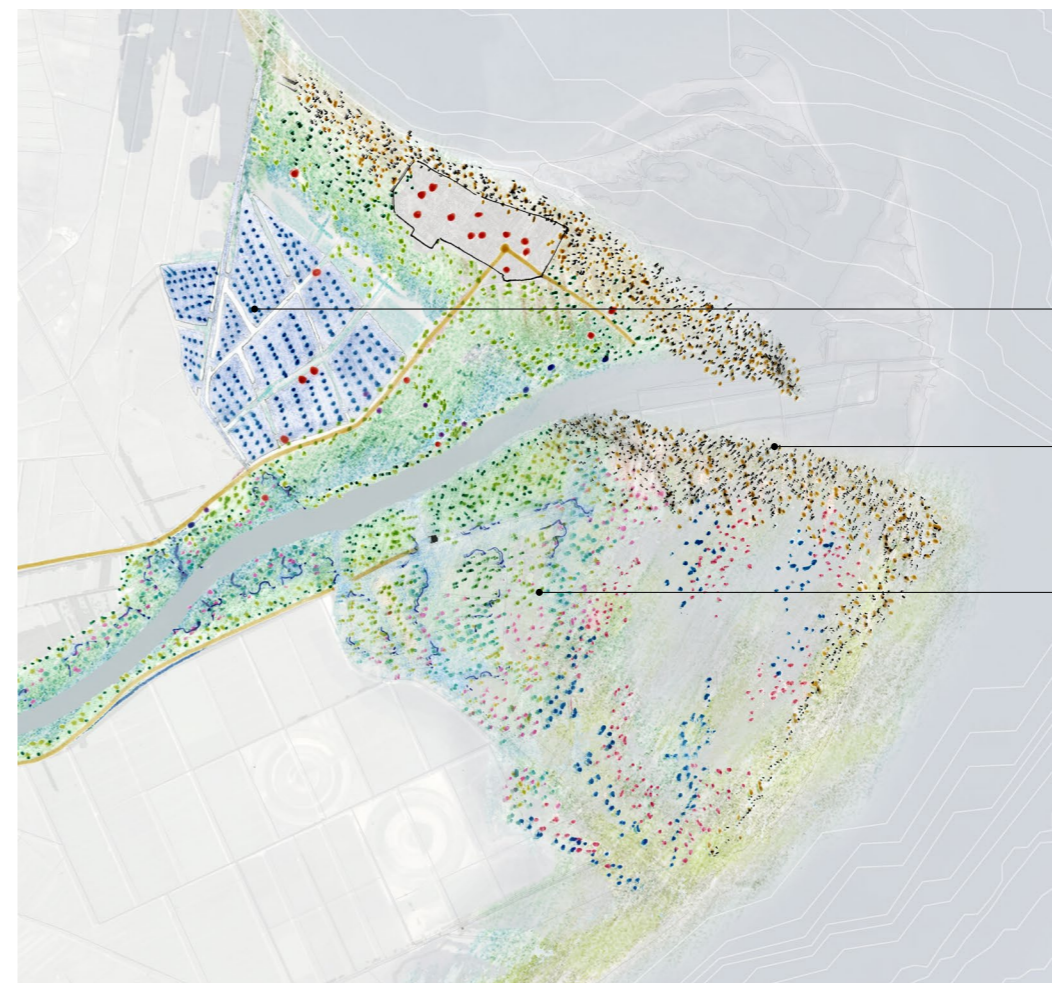
YEAR 2070

Desaparició de Lo Garxao

Introducció de cultius d'algues marines

Desplaçament dunar

Creació de nous hàbitats de biodiversitat



Cultius d'algues marines

Desplaçament dunar

Estuari natural de Buda