



Country / City Spain /Seville

University / School University of Seville (US) / Escuela Técnica Superior de Arquitectura (ETSAS)

Academic year Enabling Master, 2019-2020/Máster Habilitante, 2019-2020

Title of the project Test Tube/Probeta

Authors María Moreno Tallante

## TECHNICAL DOSSIER

Title of the project Test Tube/Probeta  
Authors María Moreno Tallante  
Title of the course Advanced Architecture Projects-Enabling Master/ Proyectos Avanzados-Máster Habilitante  
Academic year 2019/2020  
Teaching Staff Fdez-Valderrama/Ampliato/Larive/Casado/Luque/Segura/Llatas/Ordóñez/Compán/Mascort/Vigil/Hildebrand/Galindo/Falcón.  
Department/Section/Program of belonging Enabling Master/ Máster Habilitante  
University/School University of Seville (US) / Escuela Técnica Superior de Arquitectura (ETSAS)



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

The "Balsa del Sapo" is a protected wetland originating from the upwelling of an aquifer due to the various ground extractions performed in the area and the surplus from the irrigation of the adjacent greenhouses. This small oasis in the heart of the "mar de plástico" in Almería developed its own peculiar ecosystem with some 165 registered aquatic and terrestrial species, of which 57 nest in the area.

However, its volume has increased progressively in the past years causing serious flooding in nearby greenhouses and developments and the protected wildlife.

The proposal targets the water cycle of the West of Almería by developing a water treatment plant in the "Balsa del Sapo", guaranteeing the sustainability of the water resource and a stable water table. The approach thus focuses on the reuse of residual waters from the "Balsa del Sapo" for urban or agricultural purposes through its treatment using ecological techniques such as phytodepuration or gravel filtration, which both guarantee its use and are environmentally friendly.

This would remove the need to convey the water to the sea, as is currently the case for the aforementioned surplus water, reducing contamination of the area, which is close to a colony of Posidonia, as well as gaining space at the edge of the wetland with potential for public use.

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# CLIMATE CHANGE AGAIN

11th International Biennial Landscape Barcelona

Barcelona September 2020  
SCHOOL PRIZE



P R O B E A test tube



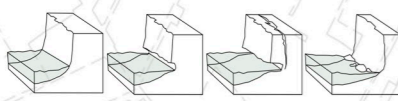
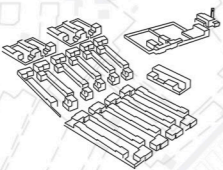
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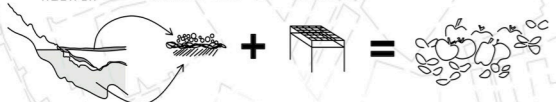


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TIERRA FÉRTIL  
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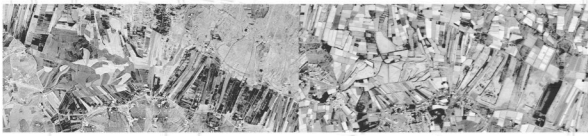
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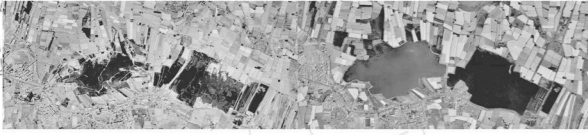
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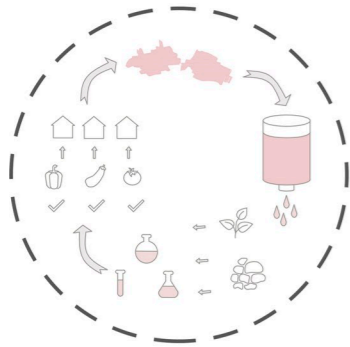
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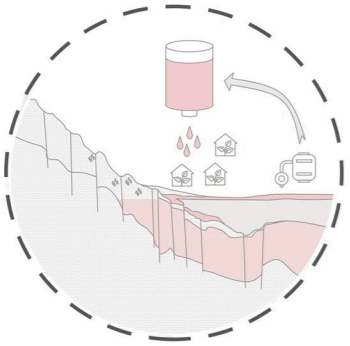
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2007

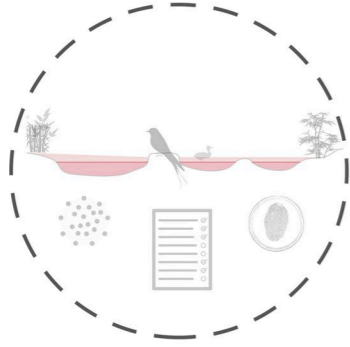




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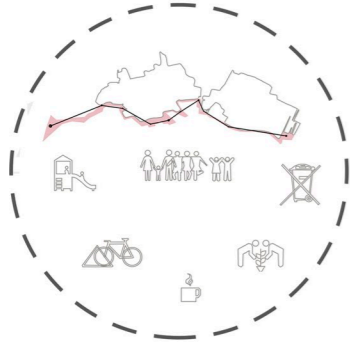
RECUPERACION RETRIEVAL



ECOSISTEMA ECOSYSTEM



EVITAR VERTIDOS AVOID SPILLS



ESPACIO PÚBLICO PUBLIC SPACE



