

Country / City **Spain / Seville**

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

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

Title of the project **Dalías Towers / Torres de Dalías**

Authors **José Castilla Canseco**

## TECHNICAL DOSSIER

Title of the project	Dalías Towers / Torres de Dalías
Authors	José Castilla Canseco
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

Almería, the plastic sea, a place invaded by the agglomeration of greenhouses which give it a landscape that is unique in the world. An area characterised by its exclusivity and expanse, with an internal dynamism that is hard to see from the outside, an activity hid by plastic.

In the first place, this project conducts a search for the problems that can arise in the area, and looks for the way to solve them through architecture, carrying out landscape interventions that respect the environment and integrate into it.

To penetrate into Campo de Dalías is just like penetrating into a labyrinth, the repetition of its paths, invaded by plastic walls, and the horizontality of the landscape makes it very difficult to discover its inside. That is the reason why I propose vertical tower-shape points which help to climb the territory, apart from creating a territorial planning. Being able to stick out vertically in such a horizontal territory provides it with a integrated and special appearance.

These monoliths also work as energy points for their surroundings, since they contain wind turbines on their upper part, that is to say, they absorb the wind energy of the area. The province of Almería is located on one of the windiest areas of Spain, the east and west winds can generate gusts of wind of more than 130 km/h during any stage of the year. Thanks to this natural resource, the towers can absorb energy practically throughout the whole year and supply the public spaces located in the towers.

For further information  
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# CLIMATE CHANGE AGAIN

11th International Biennial Landscape Barcelona

Barcelona September 2020  
SCHOOL PRIZE



**SECTOR 1**

Greenhouse density

Road Quality

Equipments

Opportunity zones

**SECTOR 2**

Greenhouse density

Road Quality

Equipments

Opportunity zones

**SECTOR 3**

Greenhouse density

Road Quality

Equipments

Opportunity zones

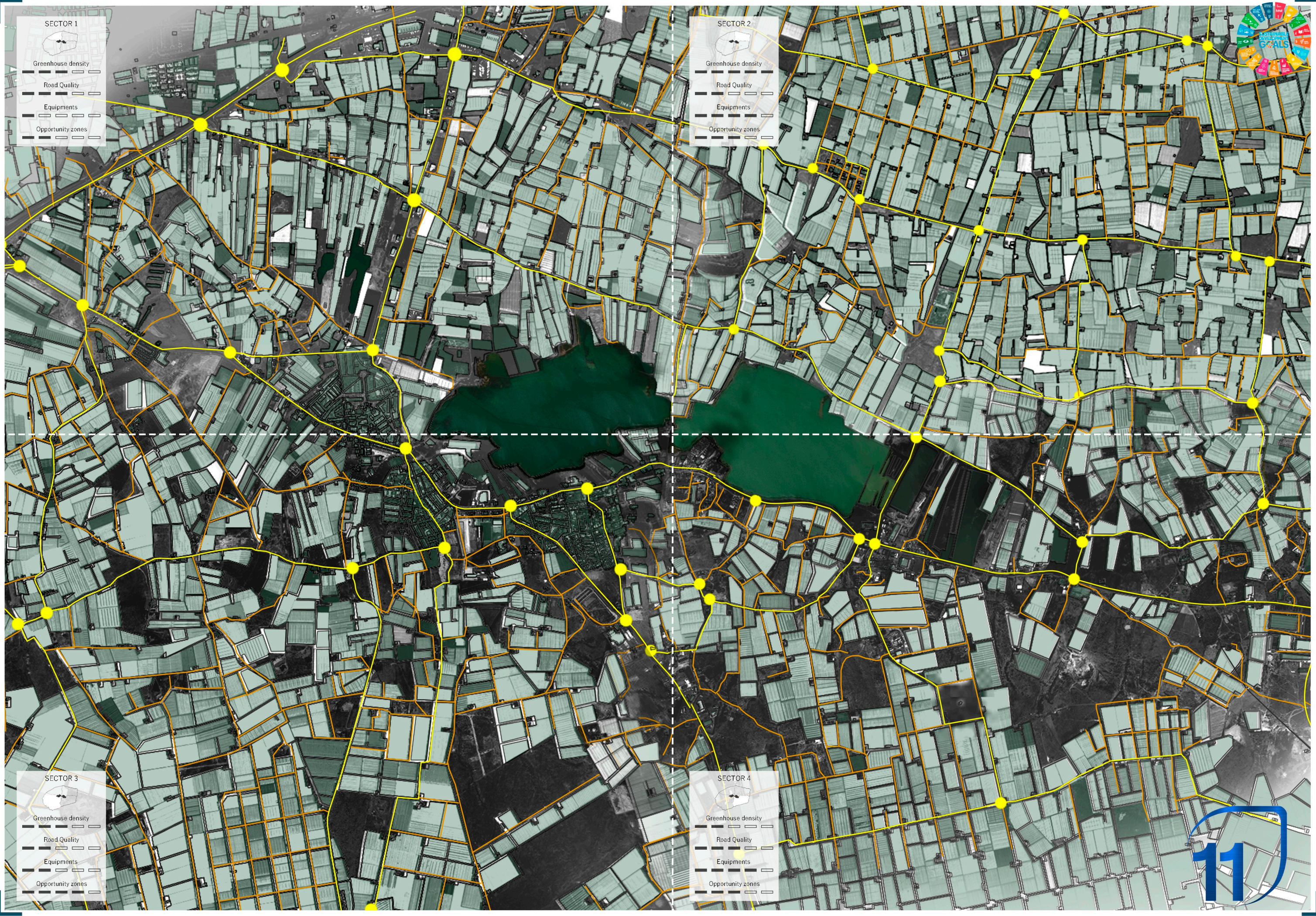
**SECTOR 4**

Greenhouse density

Road Quality

Equipments

Opportunity zones





From this location, each tower supplies a certain area inside the field of study. After the sectoral analysis, the main issues of these sectors are obtained and, as a consequence, each tower has a public space around it, apart from supplying the area with energy. The activity of these public spaces is filtered through the greenhouses, providing the workers with a rest and meeting area and humanizing this big industrial space.

The public spaces are covered with a semi-transparent cover made of textile material, whose triangular structure breaks the horizontality of the area, creating a dynamic look around the towers.

