

Country / City Portugal / Faro
University / School University of Algarve / Faculty of Sciences and Technology
Academic year 2019 / 2020
Title of the project Periurban Park, Vale of Amoreira
Authors Filipe Serra



TECHNICAL DOSSIER

Title of the project	Periurban Park, Vale of Amoreira
Authors	Filipe Serra
Title of the course	Master's Degree in Landscape Architecture
Academic year	2019 / 2020
Teaching Staff	Desidério Batista, (PhD, Assistant Professor in Landscape Architecture)
Department/Section/Program of belonging	Department of Earth, Marine and Environmental Sciences
University/School	University of Algarve / Faculty of Sciences and Technology



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

For the design of the project for the Parque Periurbano do Vale da Amoreira a strategy of integration and articulation of the built (proposed and existing) and non-built (open spaces of public character) systems was adopted as part of a social, ecologically cohesive and balanced whole.

In this sense, the Park is thought of as a multifunctional infrastructure associated with environmental protection (soil, water, flora, fauna) and property (hydraulic structures, traditional walls, etc.), to production (agricultural, horticultural, forestry, biomass) and sports, recreation and leisure. That is why the key idea that guided the design of the Park, based on its understanding as Socioecological Infrastructure, rests on interconnection and interdependence of three types of Infrastructure: Gray Infrastructure like residential and commercial buildings; Green Infrastructure such as meadows, woods, orchards, vegetable gardens, hedges, and tree alignments, and Blue Infrastructure like natural drainage line and retention basin. This, as a structuring and vertebrating element of the Park, allows the integration of the water cycle in the design of the Park by intensifying and optimizing natural processes- circulation of water, air, organic matter- and promoting the increase of biodiversity, through the creation of different habitats for both flora and fauna (birds, insects, amphibians, reptiles). This results in a spatial organization of the Park which, based on interconnection between the natural system and the social system through a network continuity of routes and spaces associated with sport and leisure, intends to reconcile society with nature and the development of both, in the long term.

For further information
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CLIMATE CHANGE AGAIN

11th International Biennial Landscape Barcelona

Barcelona September 2020
SCHOOL PRIZE



- A** Social gardens
- B** Pedagogical gardens
- C** Irrigated orchard
- D** Rainfed orchard
- E** Retention basin
- F** Living areas
- G** Playground
- H** Sports area
- I** Woods
- J** Viewpoint (Shopping center)

- ### PAVIMENTOS
- Wooden walkway
 - Draining colored bituminous (Bicycle path)
 - Concrete slabs
 - Synthetic
 - Bituminous

- ### ELEMENTOS
- Retention basin
 - Water tanks
 - Support structures for vegetable gardens
 - Buildings

- ### VEGETAÇÃO
- Rainfed orchard (Olea europaea, Prunus dulcis, Ceratonia siliqua, Ficus)
 - Irrigated orchard (Citrus X sinensis, Citrus x limon)
 - Riverside trees
 - Large tree
 - Medium sized tree
 - Small tree
 - Shrub (Punica granatum, Cydonia oblonga)
 - Horticultural
 - Herbaceous
 - Meadow



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INTERVENTION AREA

FARO AIRPORT

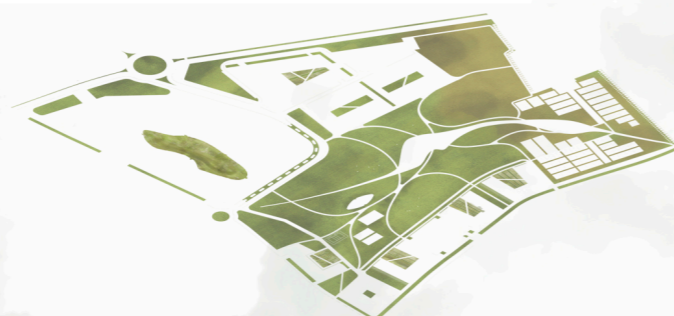
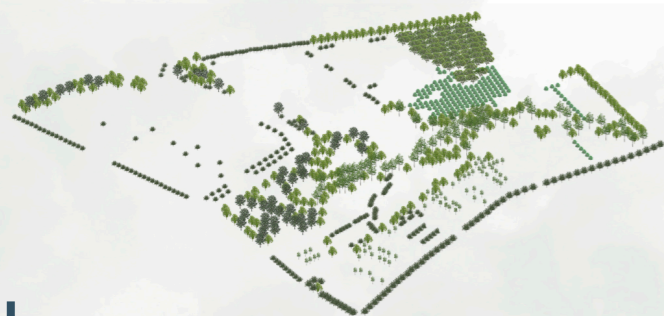


SUPERIOR GREEN INFRASTRUCTURE

LOWER GREEN INFRASTRUCTURE

BLUE INFRASTRUCTURE

GREY INFRASTRUCTURE



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