

4.2 KM TROUGH A MOSAIC OF LANDSCAPES



Country / City Spain / Barcelona

University / School Universitat Politècnica de Catalunya / ETSAB and EEAB

Academic year 2022/23

Title of the project 4,2km through a mosaic of landscapes

Authors Vincent de Gasperi, Ariadna Garriga Ballarín and Cristina Pellisé de Urquiza

TECHNICAL DOSSIER

Title of the project	4,2km through a mosaic of landscapes
Authors	Vincent de Gasperi, Ariadna Garriga Ballarín and Cristina Pellisé de Urquiza
Title of the course	Landscape design studio IV
Academic year	2022/23
Teaching Staff	Victòria Fiol Duran, Sergi Carulla Altadill and Eduardo Cadaval
Department / Section / Program of belonging	Department of Urban and Territorial Planning and Landscape, DUTP
University / School	Universitat Politècnica de Catalunya / ETSAB and EEAB



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

Located in Barcelona, *4.2km through a mosaic of landscapes* is proposed as a circuit that breaks the impermeability of the limits of the Montbau neighborhood and the feeling of isolation of its inhabitant. 4.2KM is a walking route that links neighbourhoods and connects the Parc de Collserola and the Montbau neighbourhood with La Clota, on the other side of the motorways. 4.2KM of healthy habits to bring a system of parks and green public spaces, integrating adjacent opportunity areas into this system. Health, biodiversity and vitality converge, while at the same time highlighting the existing cultural and natural heritage. The intervention programme is based on 5 transversal principles: calm transitions between landscapes, pedestrian priority, continuous canopy, connection between neighbourhoods and permeability of pavements:

- The sections with steep slopes are modulated, making a friendly route with non-stop alternatives and recovering the old paths;
- The two pedestrian crossings are promoted over the ring roads, and the road reorganisations that favour pedestrians, while an alternative route for bicycles is also provided ;
- The existing canopy is completed and an urban forest is created, so that the green continuity is also a benefit for biodiversity;
- A permeable walkway is established which is a connection in itself, but also between neighbouring districts where there were previously impassable pedestrian barriers;
- All those solutions designed to retain rainwater in situ and its use or filtration into the groundwater level are incorporated.

For further information

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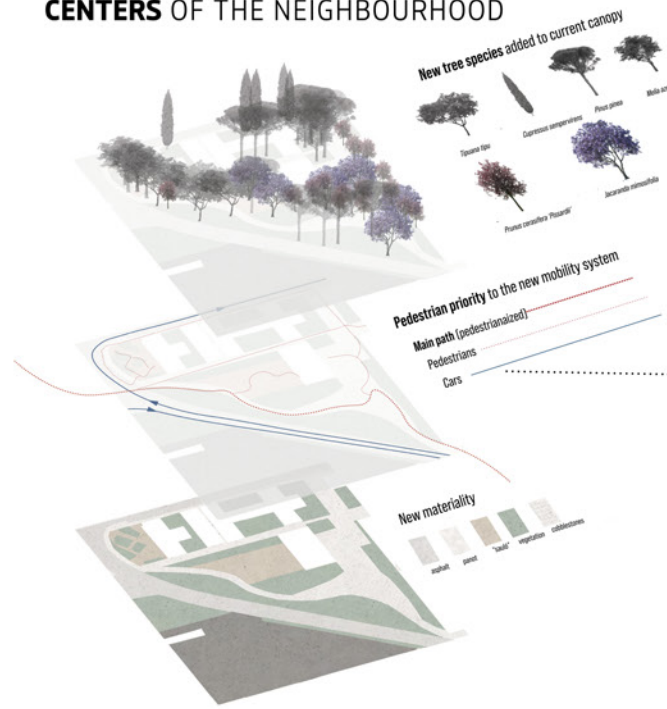
SCHOOL PRIZE

BUILDING THE LANDSCAPE FROM A HEALTH AND SUSTAINABILITY PERSPECTIVE

Establishing a **social** and **ecological connection** along a circular pathway

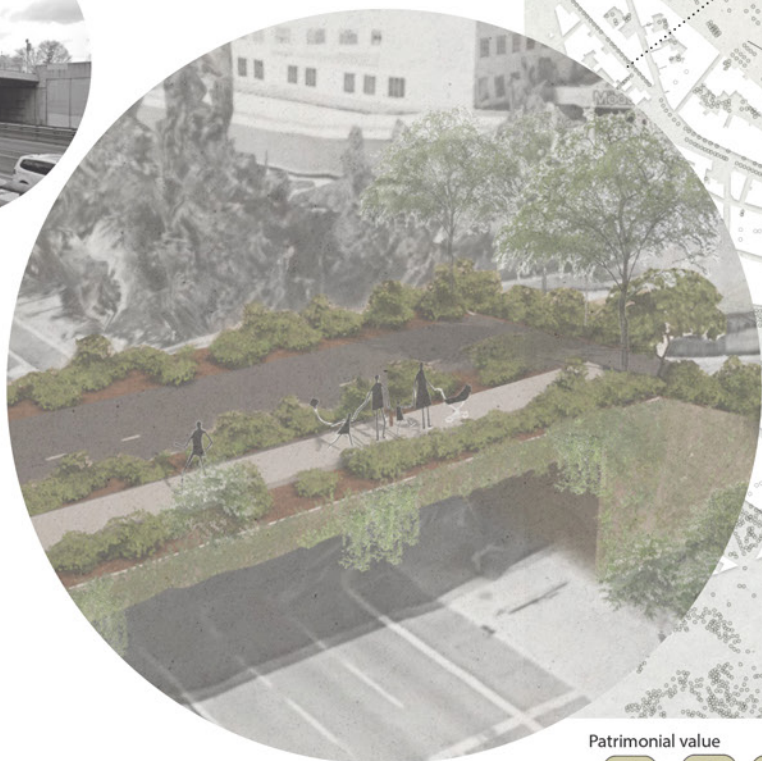


PROMOTING SOCIAL ATTRACTION CENTERS OF THE NEIGHBOURHOOD



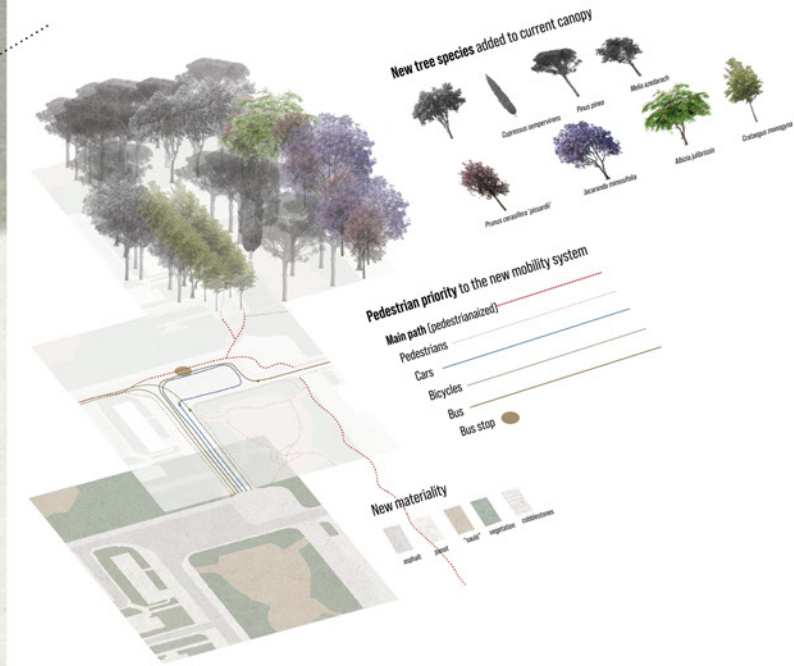
Actual view of the bridge

PEOPLE AND VEHICLES BRIDGE



- Patrimonial value:** Historical paths, Unique buildings, Church
- Landscape diversity:** Urban forest, Gardens and, Vegetable, Natural park
- Social uses:** Youth meeting, Multipurpose
- Viewpoints:** Viewpoint

ENTRANCE TO THE NATURAL PARK OF COLLSEROLA



ECOLOGICAL AND PEDESTRIAN BRIDGE



Actual view of the bridge



