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University / School EGE UNIVERSITY / İZMİR INSTITUTE OF TECHNOLOGY

Academic year 2016 - 2017

Title of the project RE-NATURING THE CITY THROUGH UNDER-VIADUCT LANDSCAPE: LINKING THE NATURE WITH CULTURAL HISTORY

Authors HAZAL BİNGÖL, SEDA BAĞCI, VOLKAN BARBAROS





PERFORMATIVE NATURE

Barcelona International Landscape Architecture Biennial

September 2018 **Barcelona**

SCHOOL PRIZE

X International Landscape Architecture Biennial

Máster d'Arquitectura del Paisatge -DUOT - UPC
ETSAB - Escola Tècnica Superior
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TECHNICAL DOSSIER

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Authors HAZAL BİNGÖL, SEDA BAĞCI, VOLKAN BARBAROS
Title of the course JOINT PROJECT STUDIO OF LANDSCAPE PLANNING AND DESIGN AND URBAN DESIGN COURSES
Academic year 2016- 2017
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University/School EGE UNIVERSITY - İZMİR INSTITUTE OF TECHNOLOGY

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

Re-naturing the city through inserting under-viaduct landscapes into the vast urban realm of Bornova district is considered an immensely central issue that this project deals with, and thus attributes an exceptional mode of urban design thinking. Meanwhile, a series of public spaces different in sight and content would potentially have distinctly described 'nature-urban transect' of Bornova Region (İzmir).

The project has been commissioned to associate some fragmented, somewhat left-over or neglected natural, historical and cultural foci, through some well-defined public realms alongside under-viaduct landscapes (approximately 3 km in length) that extends between Homeros Valley (regional landscape) and Bornova plain (incl. historically significant Yeşilova Tumulus). The landscapes have been aligned in 3 sub-headings: eco-community/ecological society, commercial hub and civic commons. The project basically seeks to employ some green infrastructure practices such as nature-based solutions, rainwater harvesting and pervious ground while reversing common function of the viaduct as the highway infrastructure into linking once-isolated east and west urban tissues. And thus transportation system involved transit-oriented development alongside or towards the viaduct to encouraging mobility as well as uninterrupted community and bicycle use.

Community life has been highlighted by cutting-edge agricultural practices and productive landscapes that serve to increase social cohesion and mutual support among urban dwellers. Based on the suggested activities, use of public realms is interchangeable and adaptive in day and night. For instance; the suggested amphitheater could turn into an urban shelter for homeless people at night, a commercial center or an open-air cinema theater.

For further information

Máster d'Arquitectura del Paisatge -DUOT - UPC

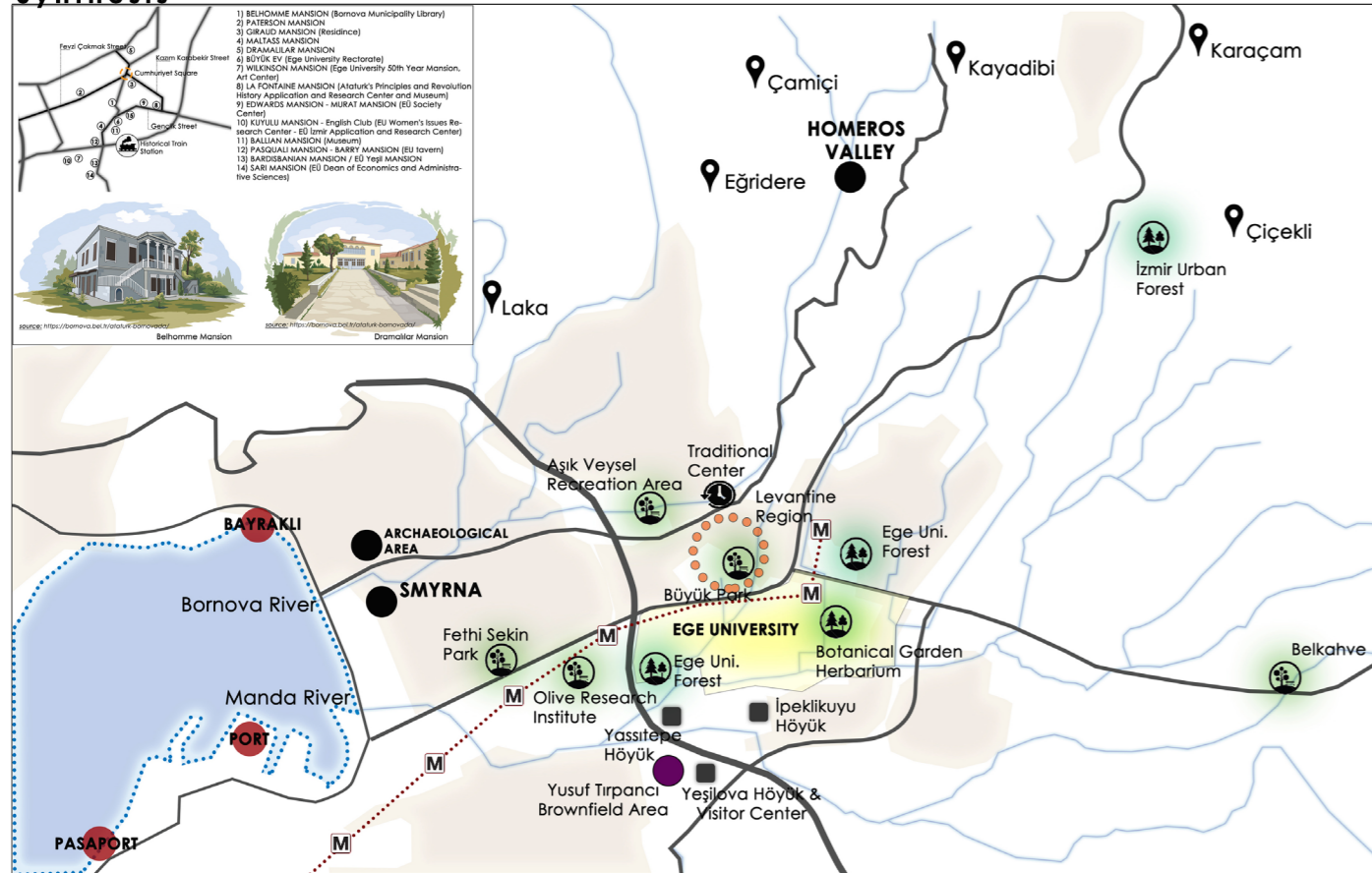
T: + 34 93 401 64 11 / +34 93 552 0842

Contact via email at: biennial.paisatge@upc.edu

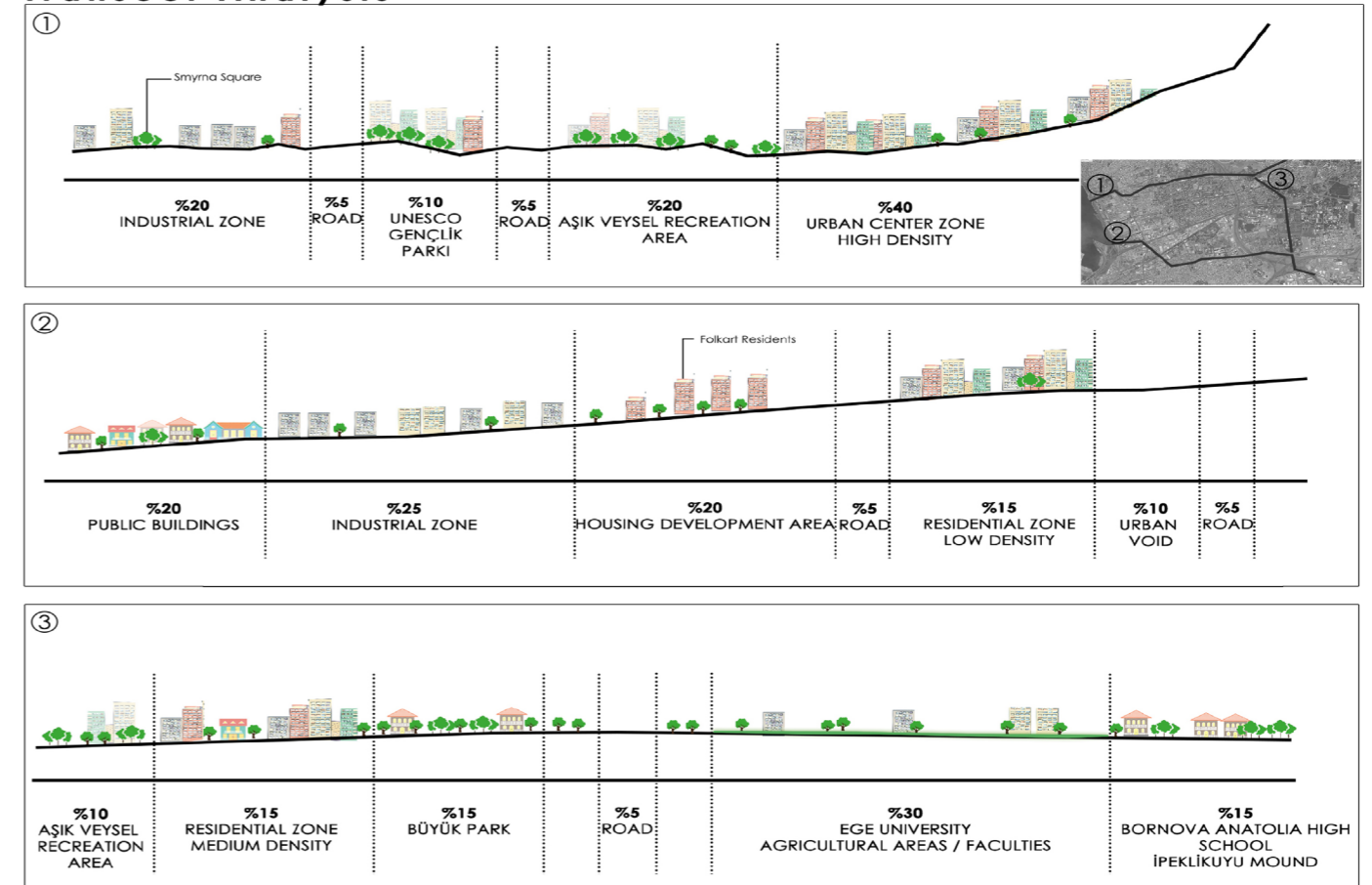
Consult the web page <http://landscape.coac.net/>

ANALYSES

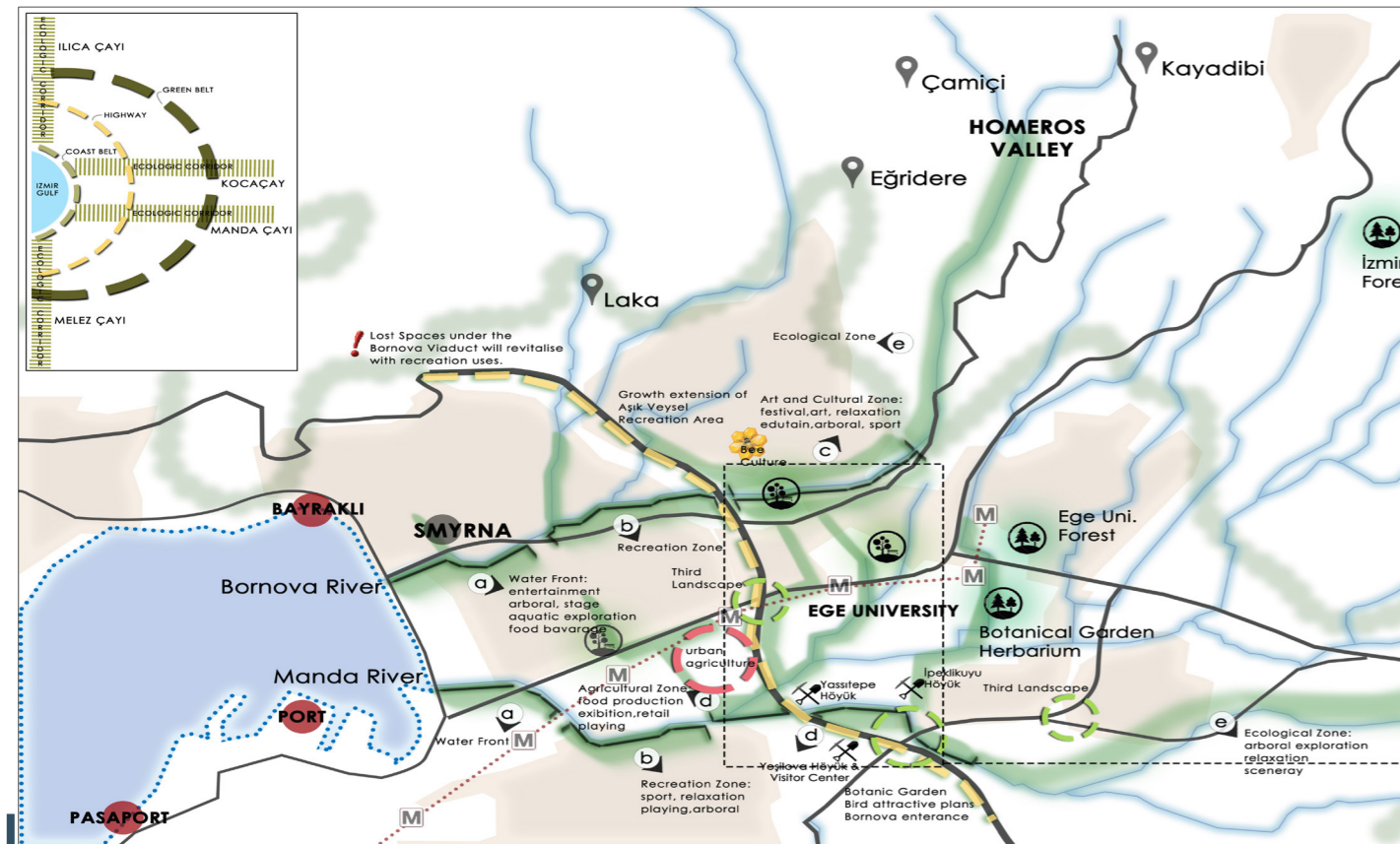
Synthesis



Transect Analysis



CONCEPT



a) Water Front Zone

This zone where waterfront is located **recreational** and **touristic** uses. The main **aims** are:

- to release the water and return to its own nature
- to create strengthen relationship with users and to give functions to the environment

Also, it **includes**; entertainment, arboreal areas, stage, aquatic exploration and food bavarages.

b) Recreational Zone

This zone relies on the surrounding functions and is used **local people** and **visitors**. The main **aims** are:

- to create strengthen connections of the area to its surroundings
- to get living spaces by adding functions to the field

Also, it **includes**; sport, relaxation, playing, arboreal.

c) Art & Cultural Zone

This zone is the place where **artistic** and **cultural** attractions can be performed around the water. The main **aims** are:

- to increase the education and entertainment around the water
- to create opportunities for street art

Also, it **includes**; festival, art, relaxation, education, arboreal, sport.

d) Historical Zone

This zone is the place where the **historical effect** is to be experienced and feeled. The main **aims** are:

- to increase historical connections
- to learn and to relate to historical influence

Also, it **includes**; botanic garden, special path way, Yeşilova Höyük, Yassitepe Höyük, İpeklükuyu Höyük.

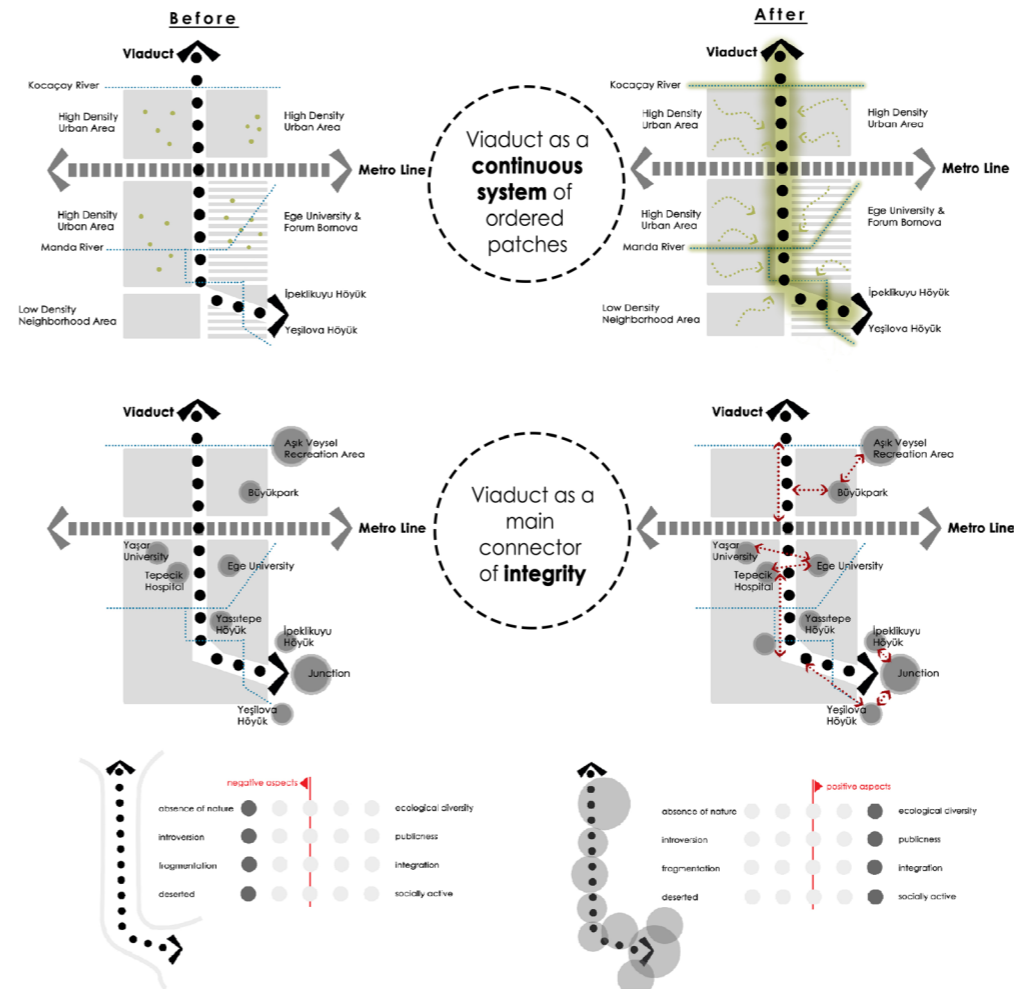
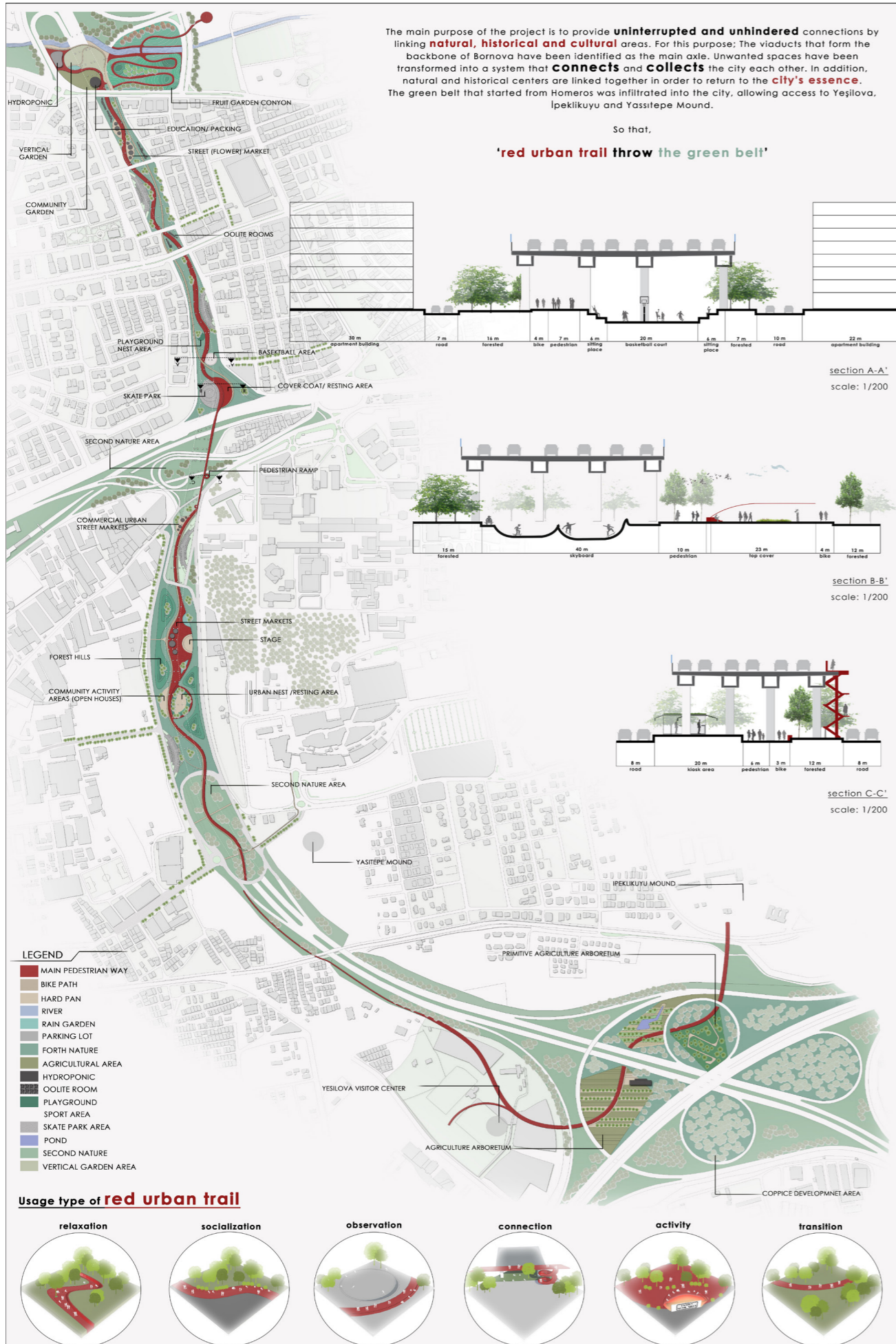
e) Ecological Zone

This zone is the place where the ecological impact is increased and the intensive planting is done. The main **aims** are:

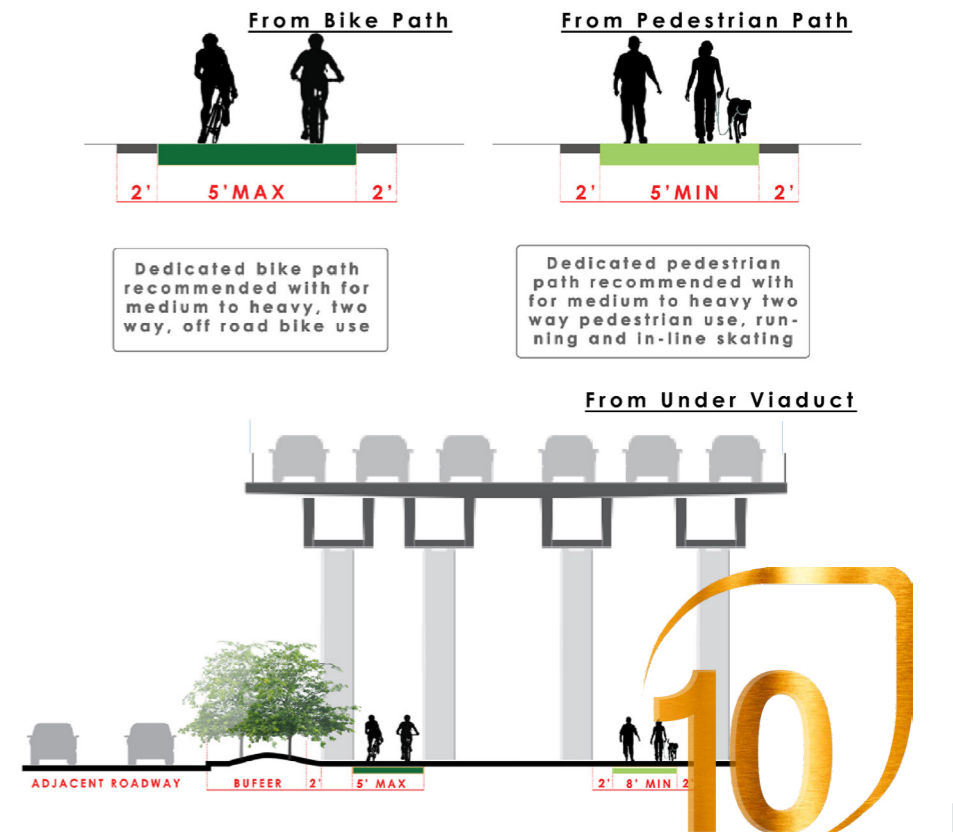
- to increase biodiversity
- to expand its natural habitat

Also, it **includes**; arboreal, exploration, relaxation, scenary.

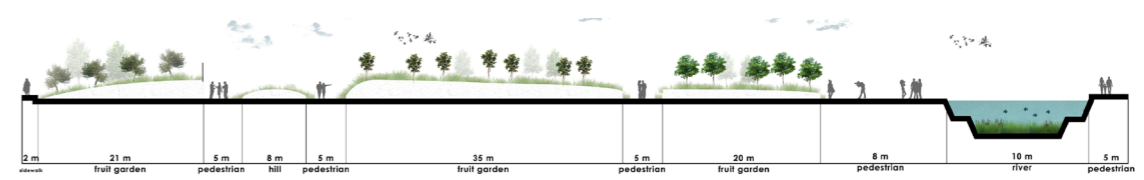
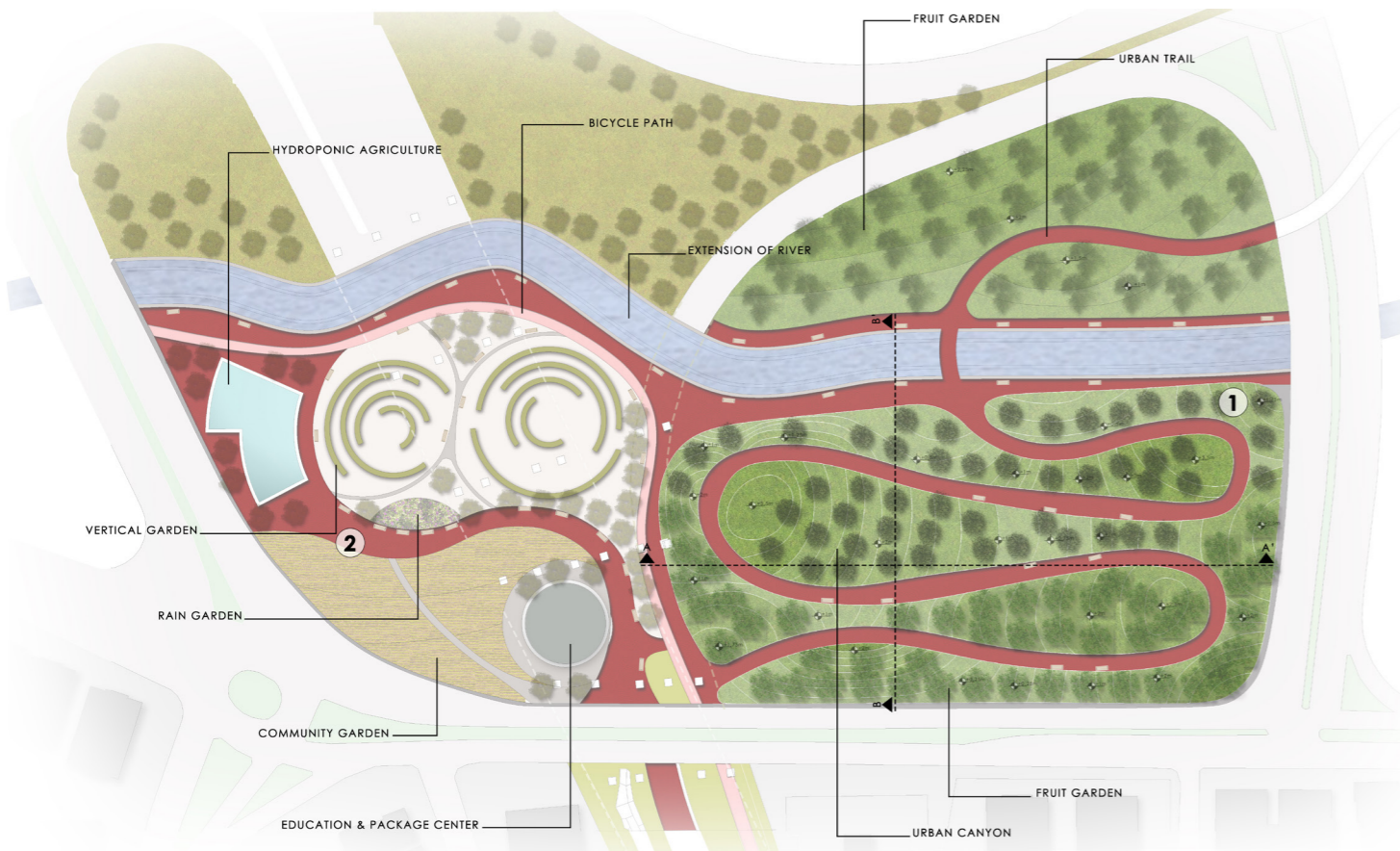
MASTER PLAN



Transportation Scheme



URBAN AGRICULTURE AND MANUFACTURE AREA



section A-A'
scale: 1/200



CULTURAL CENTER AND USES

'living art destination for everyone'

