



XI INTERNATIONAL MBLANDARCH WORKSHOP

# DESIGNING CAPILLARITIES

## Wood-Urban Lab in Sant Boi de Llobregat

### topic & site

Studio projects will aim to reconnect the forest and the mountain neighborhoods of St. Boi with its center through a system of paths and equipped public spaces that respond to a new sustainable urban model. This network of public spaces--in the form of 'fingers' or 'trees'--can become urban forests, transition parks between the urban fabric edge and the mountain, acting as gateways to the forestry-agricultural system of the Garraf-Ordal massif. By adding trees, these public spaces will infiltrate nature into the city and perform as climate refugees, creating shade, purifying the air, and facilitating the capture of quality water. By including proximity facilities, these spaces will act as community meeting places enhancing social connections, reducing the mountain neighborhoods' functional dependence on the urban center and car mobility, and improving the overall quality of life. The workshop will search for the hot spots in the system and *identify & propose* the 'where and the how': the places of intervention and a design strategies toolkit to create shade, provide activity and connect neighbors. As in a lab, the rest of the studio will *test and develop* built and nature-based intervention tactics on a closeup scale. Projects will transform St. Boi following the sustainable protocol for all the Barcelona Metropolitan Area projects, meeting the Sustainable Development Goals (2030 Agenda for SDG).

### goals

- Opening doors to the landscape, promoting territorial, urban and ecological continuity.
- Improving connectivity between the urban center, the neighborhood mountains, and the forestry-agricultural system of the Garraf-Ordal massif.
- Articulating the relation urban fabric-forestry with a series of transition parks.
- Designing urban forests as gateways to the mountain, climate refugees, and accessible meeting places for the community.
- Generating spaces with clear and legible structures that promote permeability, visibility (safety), and ease of orientation and use (inclusiveness).
- Strengthening community and reducing functional (and car mobility) dependence on the urban center with proximity services at public spaces.
- Designing public spaces with activities for socializing that are open and inclusive to everyone, following a sustainable urban model.
- Completing the urban fabric, enhancing permeability, promoting green infrastructure, and sustainable mobility.

Landscape design of public space-with ecological and social emphasis and goals-can become a catalyst to improve livability and to reveal or reimagine a place's identity.



Sant Boi de Llobregat

### participant universities



### supported by



### dates

September 26<sup>th</sup> - September 30<sup>th</sup>, 2023

### instructors

Sara Bartumeus, Coordinator: Illinois School of Architecture | MBLandArch & Marta Ines: Batlleiroig

### addressed to

6 places for ETSAB & mobility students enrolled at: Grau en Estudis d'Arquitectura (last years & TFG)

### credits

2 ETCS as academic recognition

### application

deadline: September 21<sup>st</sup>, 2023  
 send email to: relint.etsab@upc.edu  
 with subject: taller Sant Boi\_name&surname  
 with your: name | DNI | email | phone | current studies

2023

2024

tallers internacionals

oficina relacions internacionals etsab

relint.etsab@upc.edu

