

PORTFOLIO
AHMET CAN
KARAKADILAR

PROFESSIONAL

01

TPAO HEADQUARTERS

MELIKE ALTINISIK ARCHITECTS

2021 - Under Construction

02

STUDIO NICHE

DESIGN COLLECTIVE

2019-Current

ACADEMIC

03

GREEN CARPET

ARCHITECTURAL DESIGN STUDIO - GRADUATION

2018

EXTRA-CURRICULAR

04

STRANDED

INTERNATIONAL WORKSHOP • ARKNAT

2019

05

OTHER OCCUPATIONS

SERIES OF SMALL WORKS, INTERESTS AND WORKSHOPS

01

TPAO HEADQUARTERS

The new headquarter of Turkish
Petroleum A.O

Role

Facade Optimization, Visualization,
3D Print Model

Design Office: Melike Altinisik Architects
Engineer & Consultant: Werner Sobek

Location: Zonguldak, Turkey

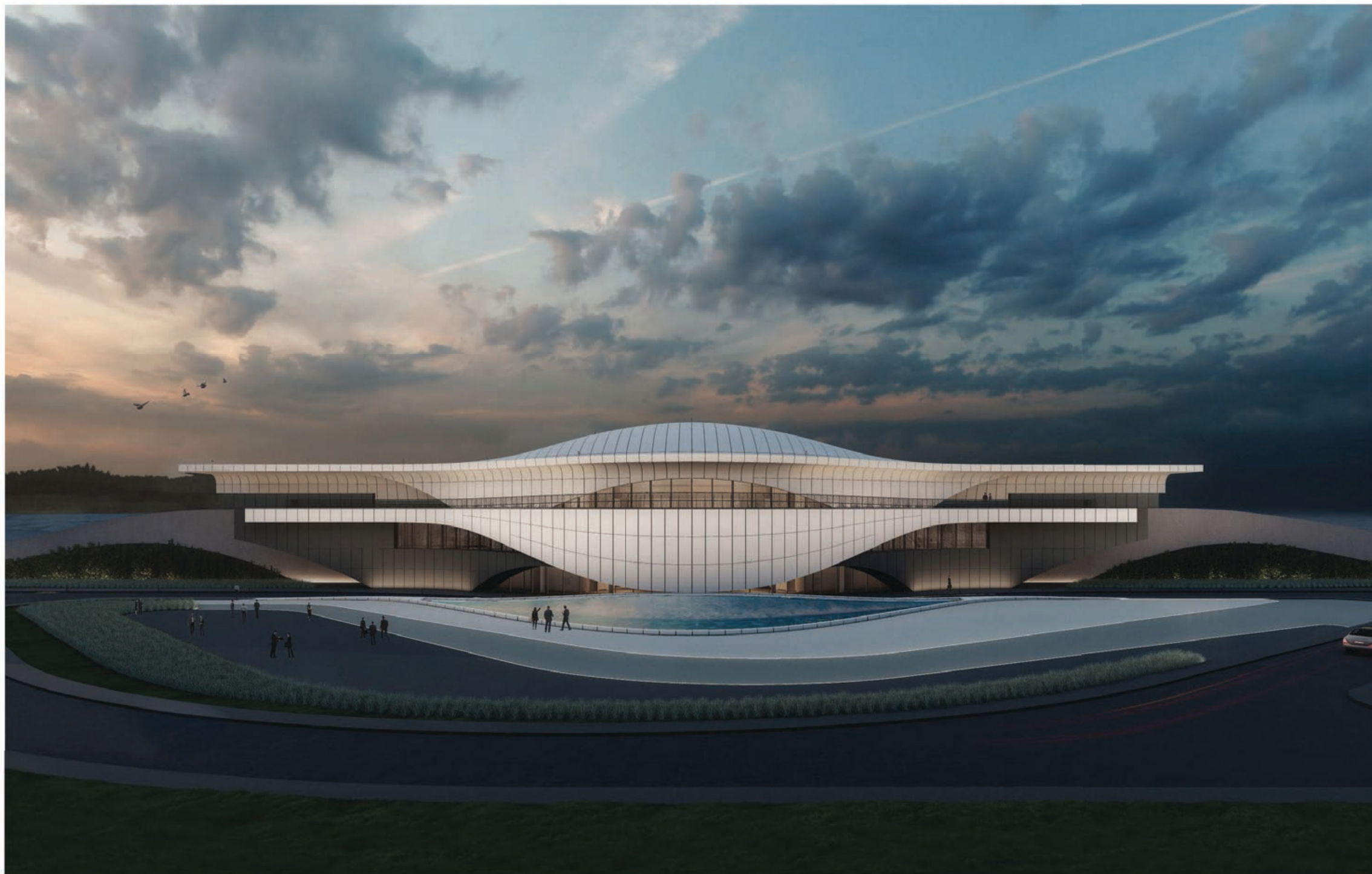
Year: 2021 - Under Construction

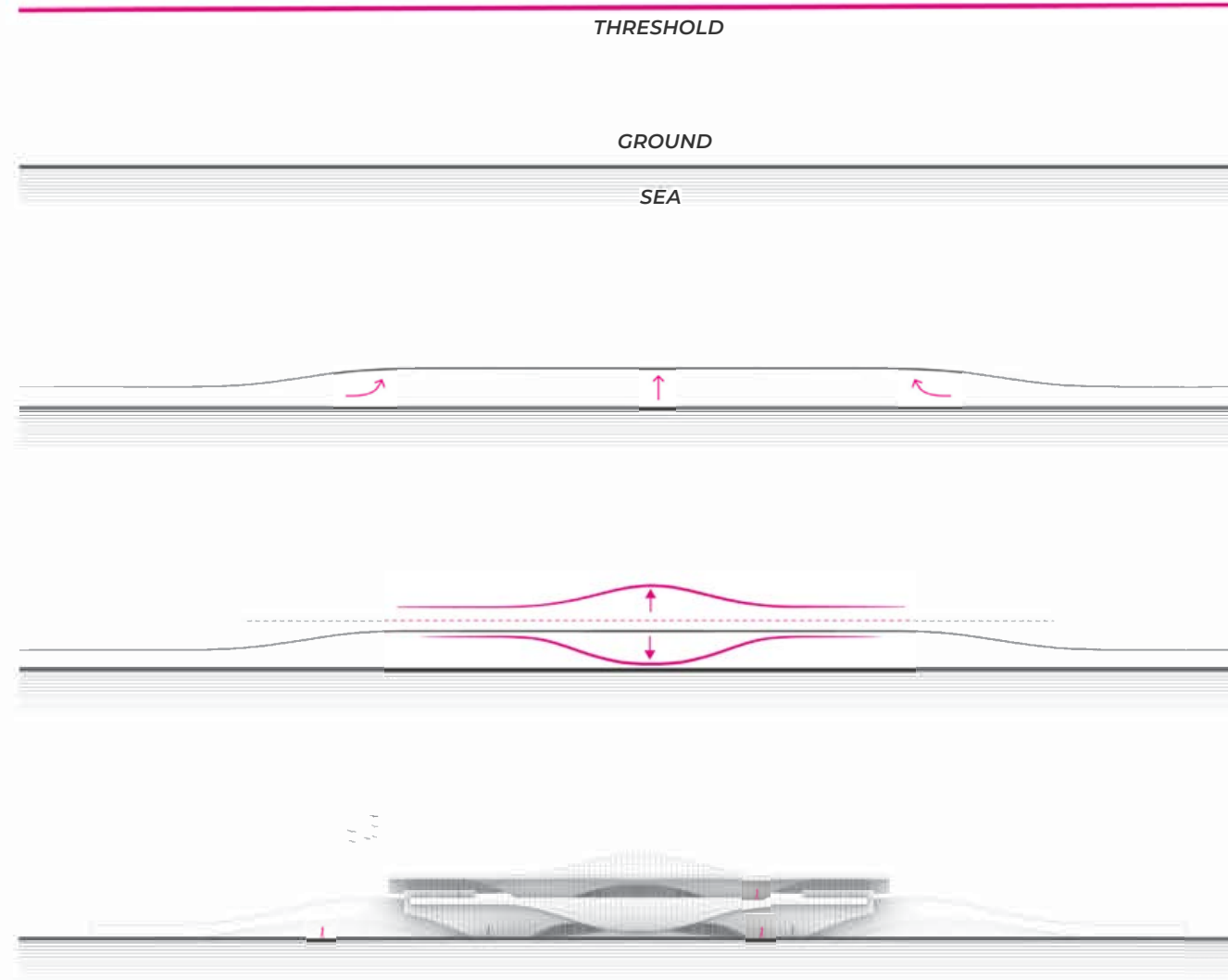
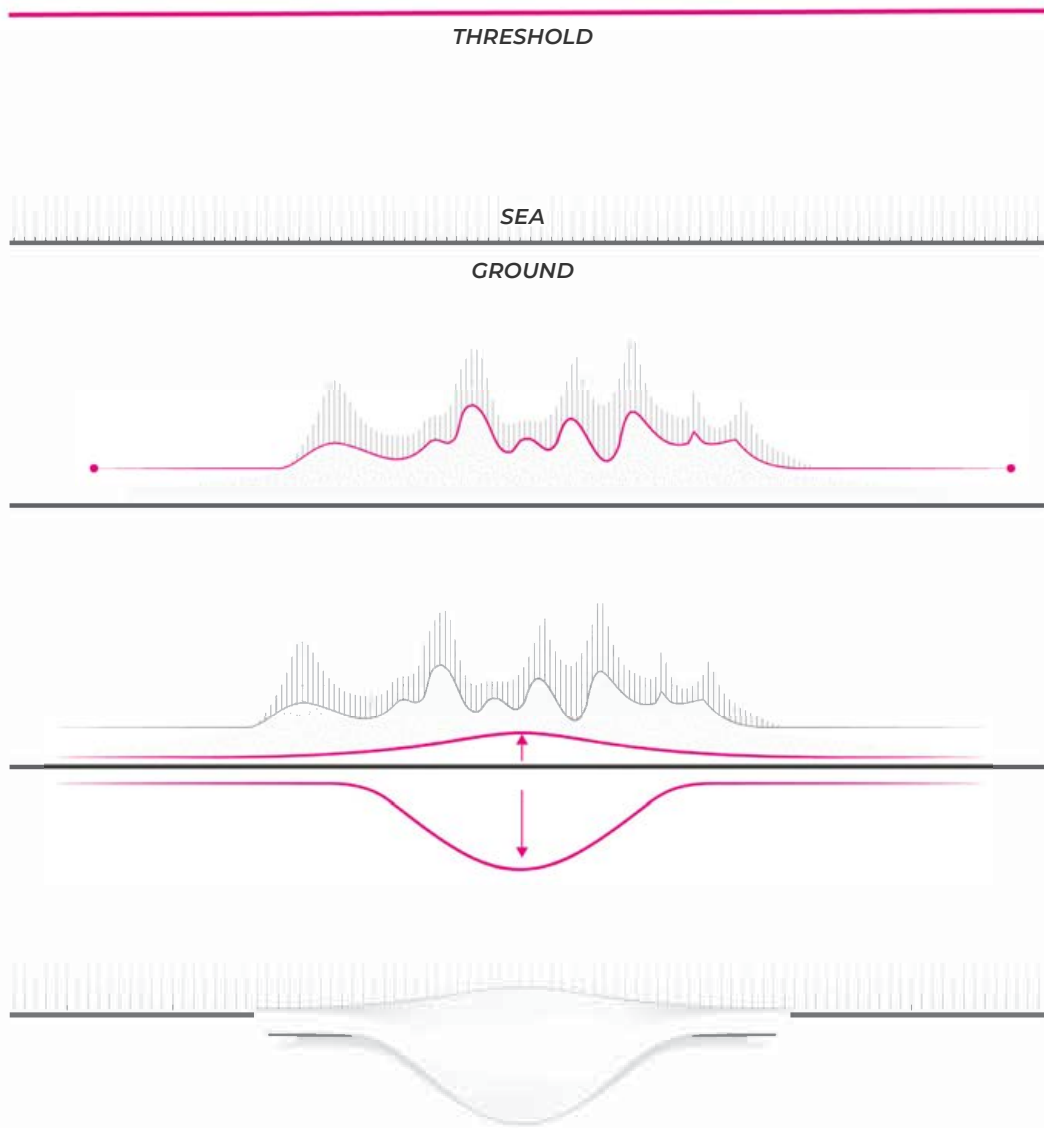
The new Headquarters designed for Turkish Petroleum A.O., which is also an unique observation space, is located in the area where the Filyos river flows into the Black Sea, named Billaius in ancient times, which is the most crucial point of the western side of the Black Sea coast.

In terms of the architectural design approach, the new headquarters is defined as a threshold where the borders between land and sea, between past and future, between history and technology melts into each other at the western edge of Filyos Port. The building's design aims to transform the existing breakwater wall, which is a spatial conjunction between time and continuity, into a new interface space that is 110 meters wide and 30 meters deep.

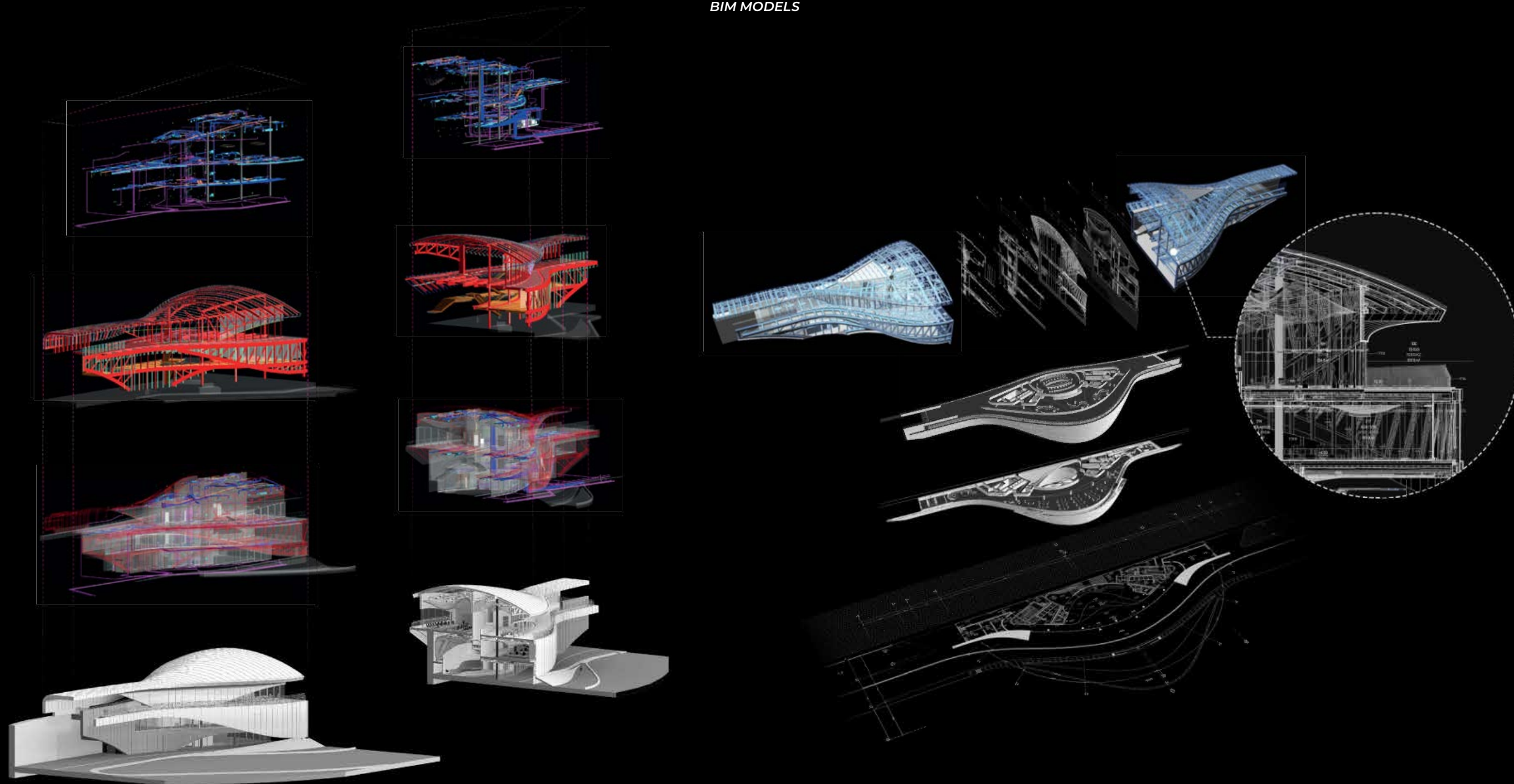
Disclaimer: Due to the privacy of the project and the office rights, I can only share the details of my part in a closed meeting or in demand.

The shared visuals are the office's official press kit.





BIM MODELS







02

STUDIO NICHE

A collective design initiative which aims to learn from small scale by thinking, researching and building

Role

Co-founder, designer

Design Office: ZEA Studio

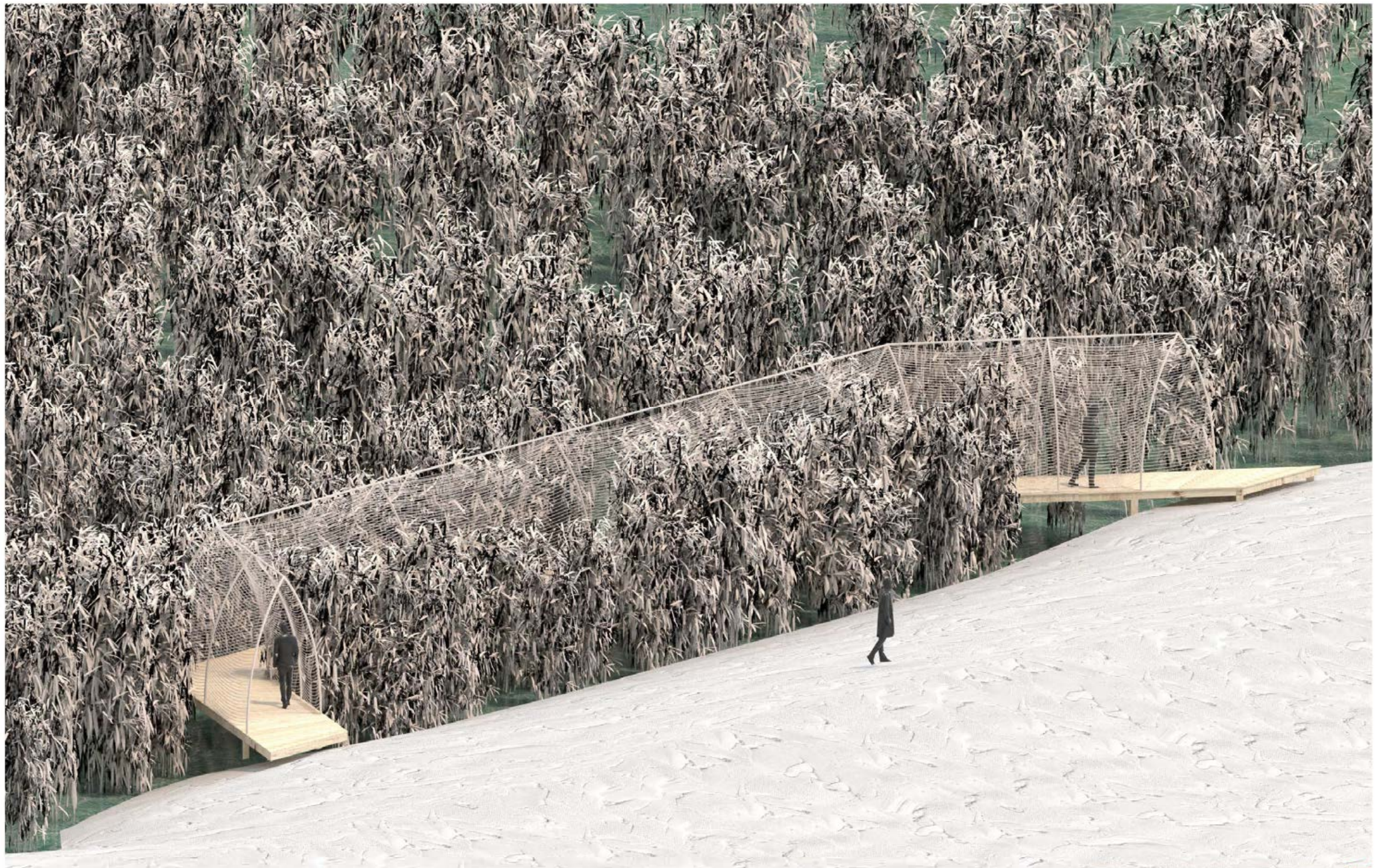
Location: Ankara, Turkey

Year: 2019 - Current

Website: studioniche.org

Studio Niche aims to propose alternative ways of using and shaping our environment by focusing on the importance of the “small” which oftentimes is overlooked. We intend to focus on “minor” problems that can have a major positive impact on society and nature when solved “creatively” and explore the transforming potential of the so-called insignificant.

Studio is formed by a group of designers and creative individuals who came together to think, design, say and do something about the aforementioned problems. It is based on two main paradigms: collectivity and interdisciplinary production. The idea is to explore the true potential of collective action across different disciplines devoid of all hierarchical orders. The free and collective production of ideas to create the “better” is the main motivation and the spirit that drives studio NICHE and is seen by it.



OPEN STUDIO



Studio Niche is an open studio where anybody join regardless of their background and contribute to the existing projects going on within the studio. We have core people alongside with project participants, part of the community and outsiders.

Participants / Contributors

Selen İlhan - Rabia Hant - Ömer Faruk Seçim - İdil Bilici - Muhammed Najdat Yawer - Müge Beyazıt - Mehmet Kaplan - Evren Yavuzcan - Ekin Ünal - Ege Özcan - Edanur Seçim - Behice Özer - Ahmet Can Karakadılar - Alaz Uslu - Funda Baş Bütüner - Kaan Özgencil - Işıl Eren - Ata Gün Aksu - Handan Akyürek - Merve Şanlı - Nilra Zoraloğlu - Olgu Çalışkan - Beyza Cantürk - Gül Onat - Şeyma Sezen

PROJECTS

EYMIR



2019

Conceptual research project

Studio Niche is an open studio where anybody join regardless of their background

SMALL SCALE SPATIAL EXPLORATIONS

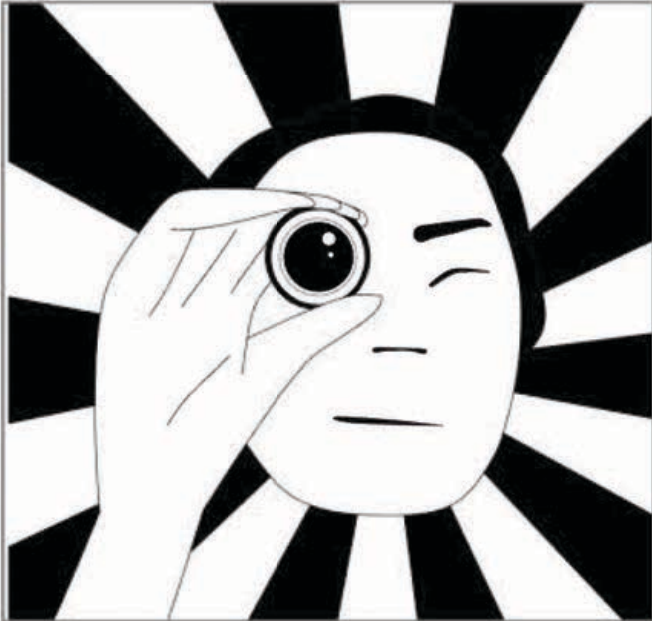


2020

Workshop / Physical Intervention

A physical workshop where people

ISTANBUL ARCHITECTURE FESTIVAL



2021

Online Workshop / Game

An interactive workshop that aims to make spatial explorations through play.

EXCERPTS



2023

Exhibition design, curation

Studio Niche is an open studio where anybody join regardless of their background

STRATEGIES

1

*Creating Awareness
for Ecosystems of Eymir*

2

*Redistributing the Human
Population in Eymir*

3

*Preservation Strategies for the
Natural Living Environment*

Participants / Contributors

Selen İlhan - Rabia Hant - Ömer Faruk Seçim - Muhammed
Najdat Yawer - Müge Beyazıt - Mehmet Kaplan - Evren
Yavuzcan - Ekin Ünal - Ege Özcan - Behice Özer - Ahmet Can
Karakadılar - Alaz Uslu - Funda Baş Bütüner - Kaan Özgencil
- Nilra Zoraloğlu - Gül Onat

EYMIR



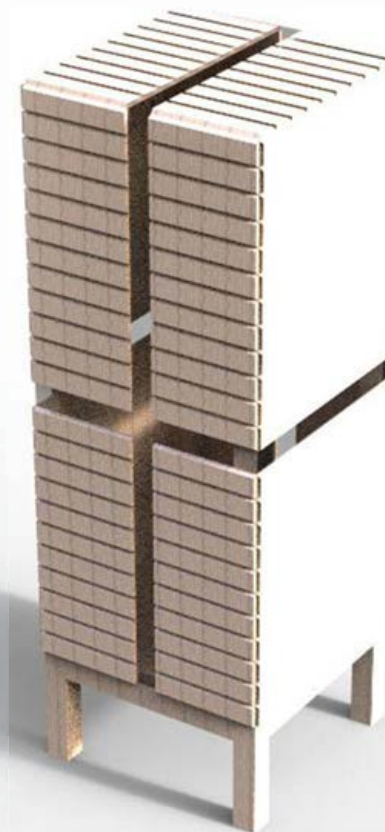
Eymir Lake's current condition within both Ankara in general and for the METU campus has a promising framework for development. Connecting the authorities of the university, we teamed up with biologists, bird scientists, city planners and landscape architects to design adequate improvements for the ecosystem of the area and its users.

1

Creating Awareness for Ecosystem

The studio aims to create awareness through design by creating a place for archive and researches, improving the quality of places for gathering through festivals, facilitating observation structures and installations.

The potentials of these architectural proposals will be in their publicities. A place being embraced by public creates its own value and power in terms of preservation and studio aims to reach that level by novel architectural interventions at small scale.



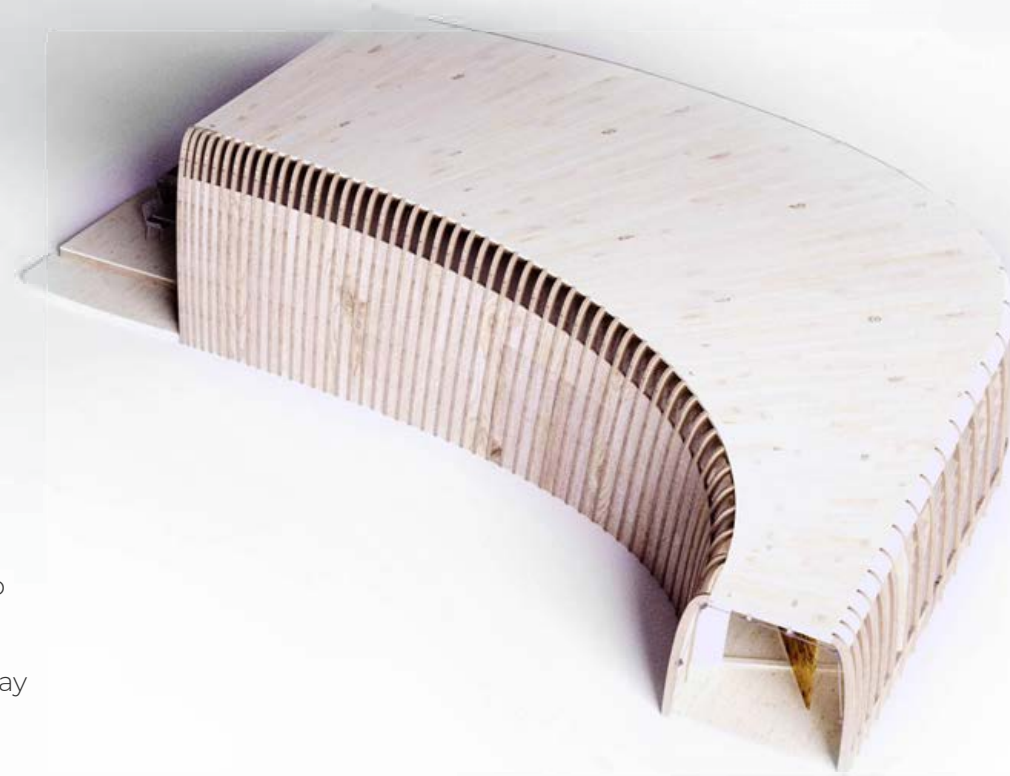
Sensory Box - M. Najdat Yawer

Several boxes where enhances a specific sense of the person getting inside by blocking other senses. Boxes aim to get the visitors more familiar with the existing sensory experiences in the lake.

2

Redistributing the Human Population

By proposing routes, paths, meeting spots and facilitating infrastructure such as toilets, bicycle spots, the studio aims to redistribute human density throughout Eymir land. **Certain increase in density happens near shoreline of the lake, especially around built-up sites.** The facility redistribution may help to attract visitors in different parts of the lake.



Archive - Ahmet Can Karakadilar

Proposing a city archive where people may find the accumulated information about the lake and developing an awareness with the gathered information and historical events.

3

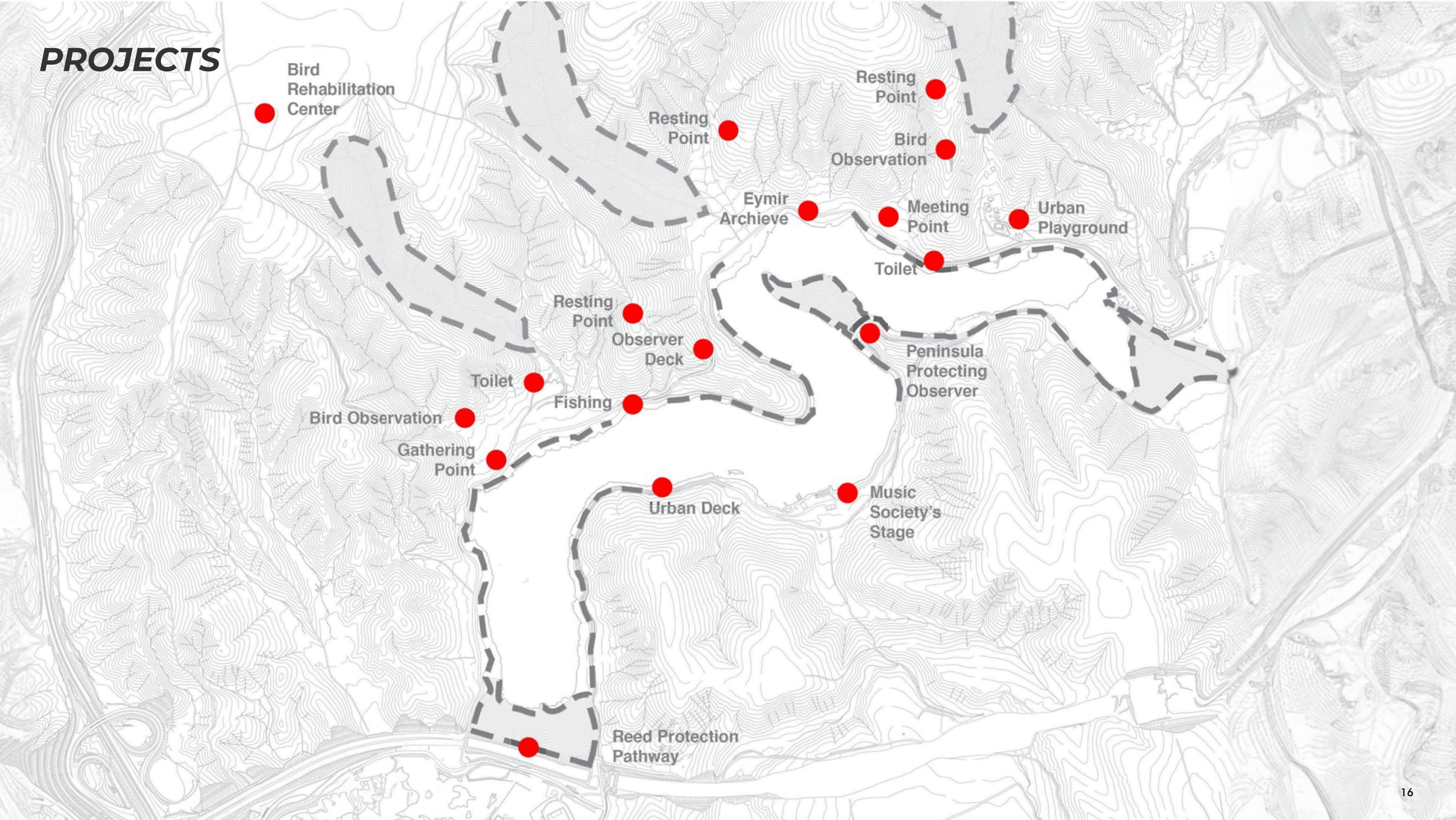
Preservation Strategies

To preserve the ecological condition of the lake, restrictions on critical areas for species had to be applied. **The studio approached to the restrictions in a designerly way to allow the visitors to have the glimpse of the experience they look for without disturbing the natural sites.** Bird rehabilitation center, bird island and homes and walking path going through the reeds are the projects aim for that experience and preservations.

Reed Path - Ahmet Can Karakadilar

A walking path going through the reeds to allow the visitors the observe the birds without being seen from them.

PROJECTS



03

GREEN CARPET

Overlapping urban events in a manner of architectural movements

Supervisors: Prof. Dr. Ayşen Savaş,
Prof. Dr. Arzu Gönenç Sorguç,
Tolga Hazan, Onat Öktem

Location: Bologna, Italy

Year: 2018

Bologna is a *multi-cultural and historical* urban environment where all the *contrasts* like day and night, poor and rich, aristocracy and bourgeoisie meet in the streets of the city. *Spider web* is used as an *analogy* for its visual and verbal *references*. There's a web of interconnected layers of events in Bologna and their *scale* changes from the centre to the periphery. What is missing in this magnificent *pattern* is *"green"*.

This projects proposes a creative *master plan* and an architectural museum proposal for the future city *by transforming the consumption based architectural program into a set of production based events*. In that sense, project proposes a series of structures which supports the proposed *exhibition and production spaces* in and around the city in *every possible scale*.



RED CARPET PROTEST

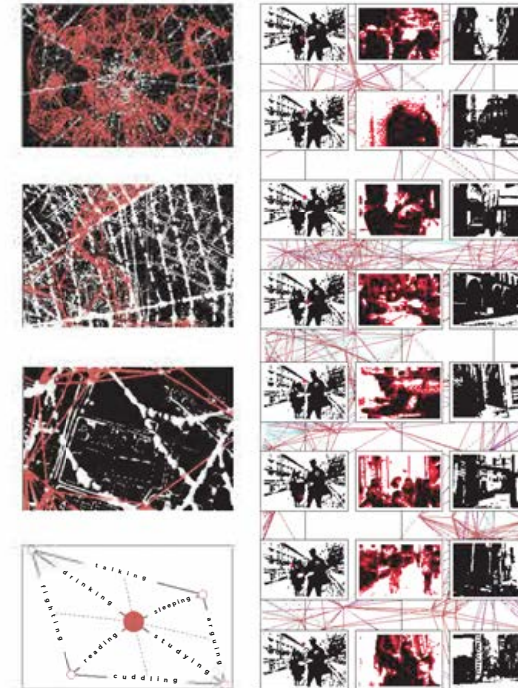


RED CARPET - The triggering protest connecting student crush hall to the opera.

Bologna has a very specific problem. It's a city of contrasts: day and night, educated and uneducated, rich and poor, elite and street. This distinction is resembled by the activists in the city and indicates the problem at the same time.

Red carpet connects the differences in a symbolic way and points out the necessity of a connection.

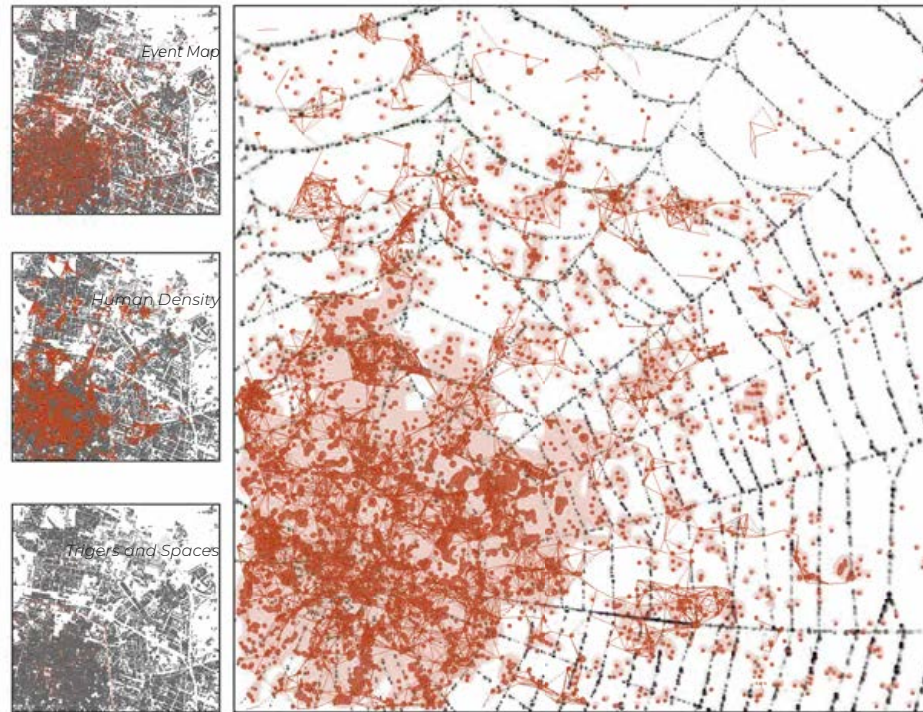
UNDERSTANDING EVENT



Tschumi breaks down the event into three key features; time, people and space.

This definition do not necessarily explains the nature of the program however may help us to analyze a city based on activity possibilities.

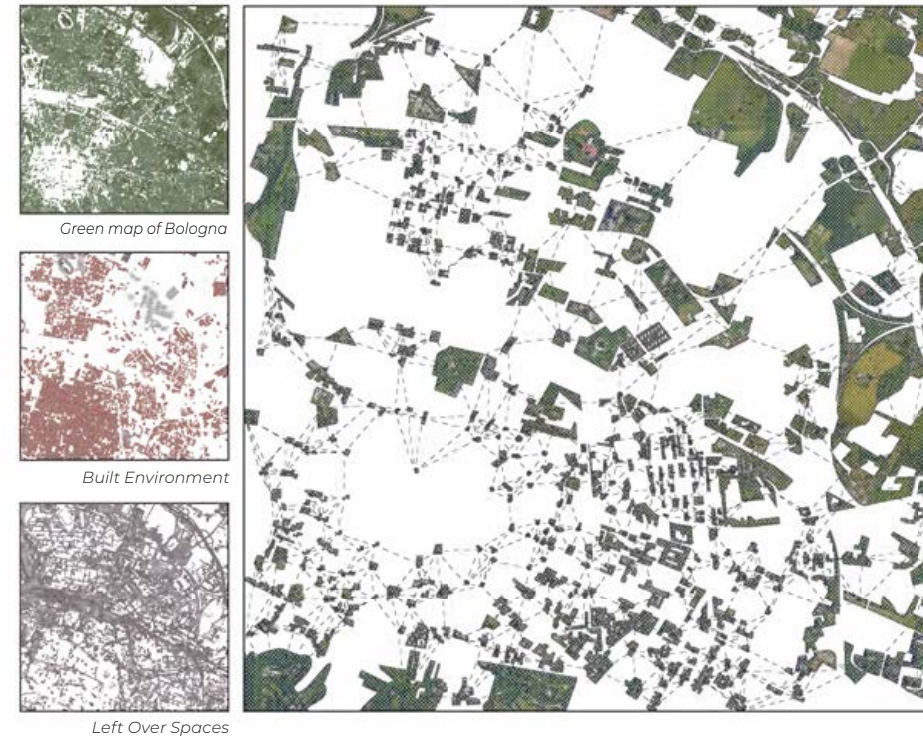
SPIDER WEB ANALOGY THROUGH EVENT MAP



Spider Web shows a remedy to find the extreme sides to be connected through architecture and shows the multi scale perspective of Bologna.

The image represents the density and the hidden network of possibilities of hosting an event therefore the activity map of the city. The coincidences get denser at the heart of the historic layer and get weaker at the edges of the city.

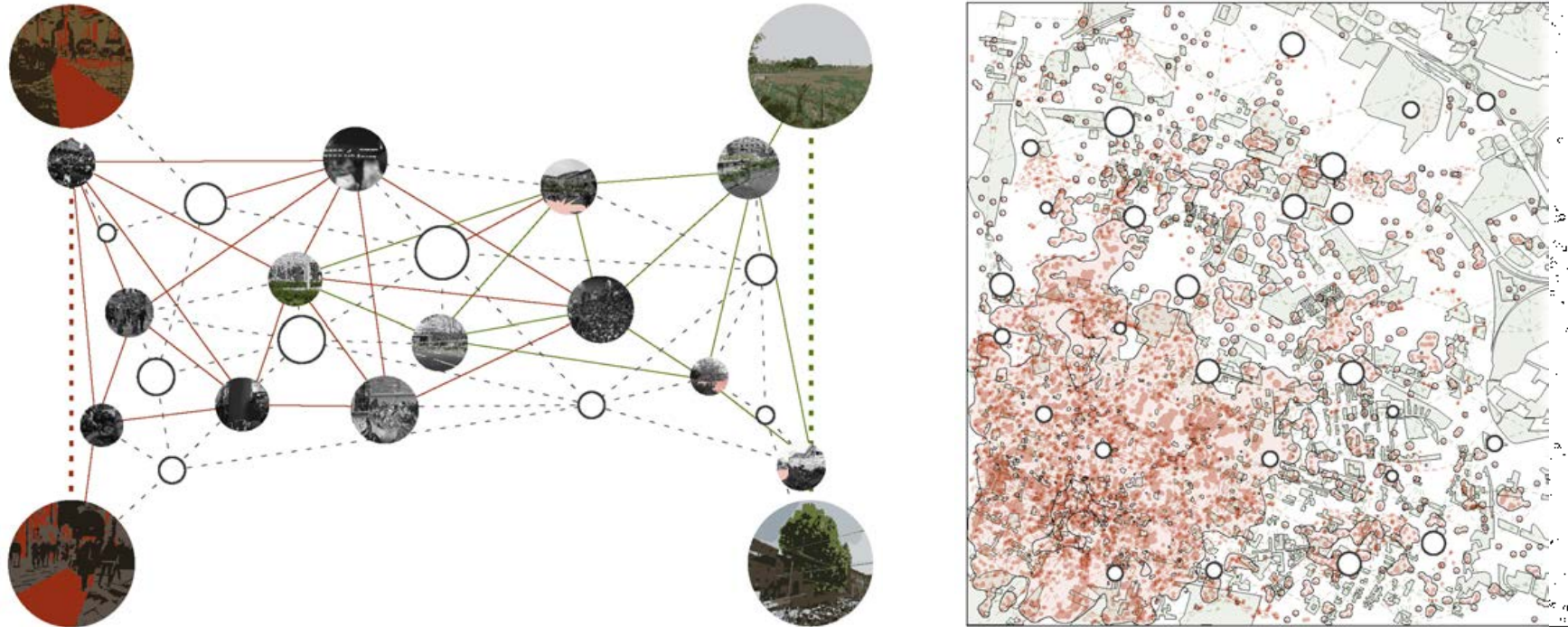
ESTABLISHING A NETWORK FOR GREEN AND ART



In contrary to activity map, the city has a hidden network of greenery areas get denser at the edge of the city and more dominant as the agricultural land use increases. But also activity based greenery use decreases at the heart of the city as it's a unique condition for the city of Bologna due to the elimination of green from historic layer.

As the red carpet analogy indicates, the city has the two distant position of having green and activity network.

*THE CONTRARY OF GREEN AND EVENT MAP OF BOLOGNA AND SUGGESTING
UBIQUITOUS NODES CREATING ALTERNATIVE PROGRAMS*



What the project suggest is connecting green and activity network with a prominent infrastructure that can create possibilities for both positions. Therefore, a more connected and decentralized social, cultural and economical city structure can be built.

HOW CAN WE MAKE THE SHARE BETWEEN SOCIO-CULTURAL PRODUCTION AND ECONOMIC
PRODUCING POSSIBLE WHILE CREATING INBETWEEN SCENARIOS?



EVENTS

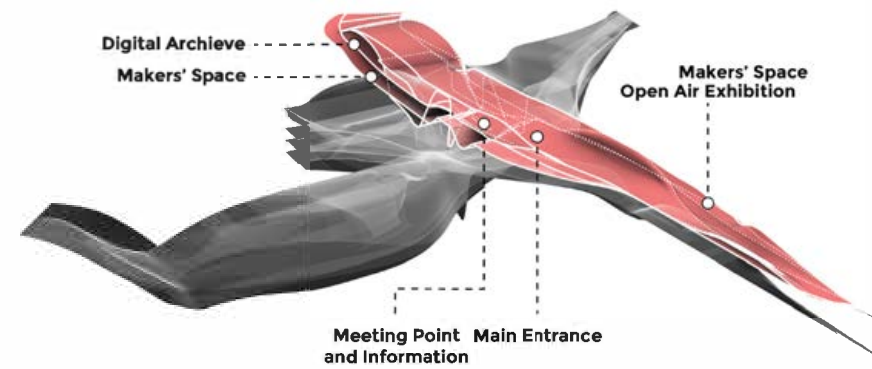
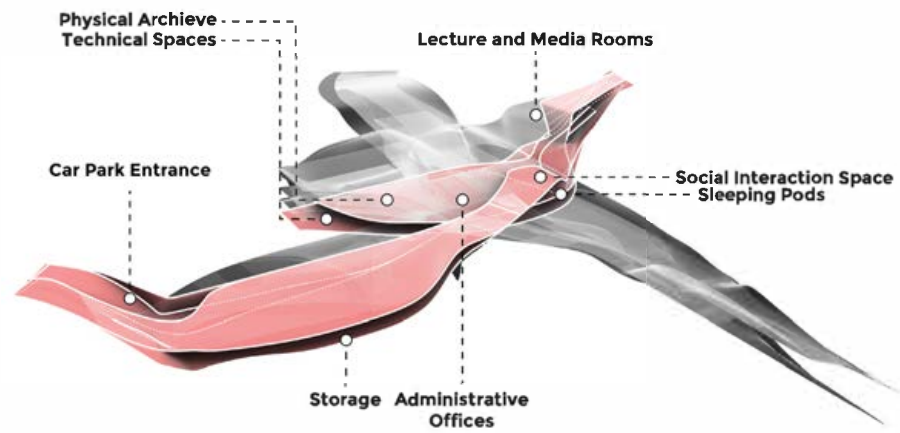
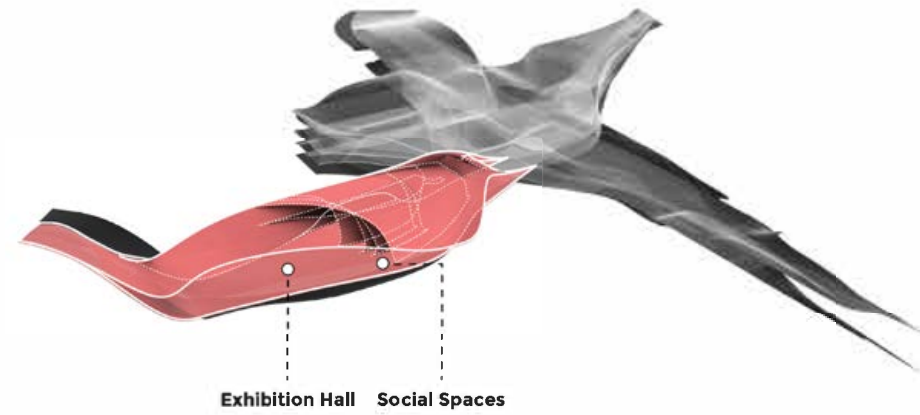
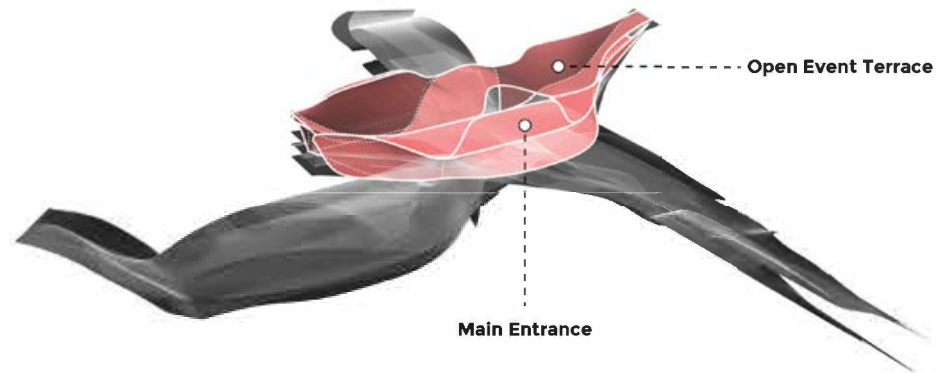
- 1- Integration of events
- 3- Agricultural Production

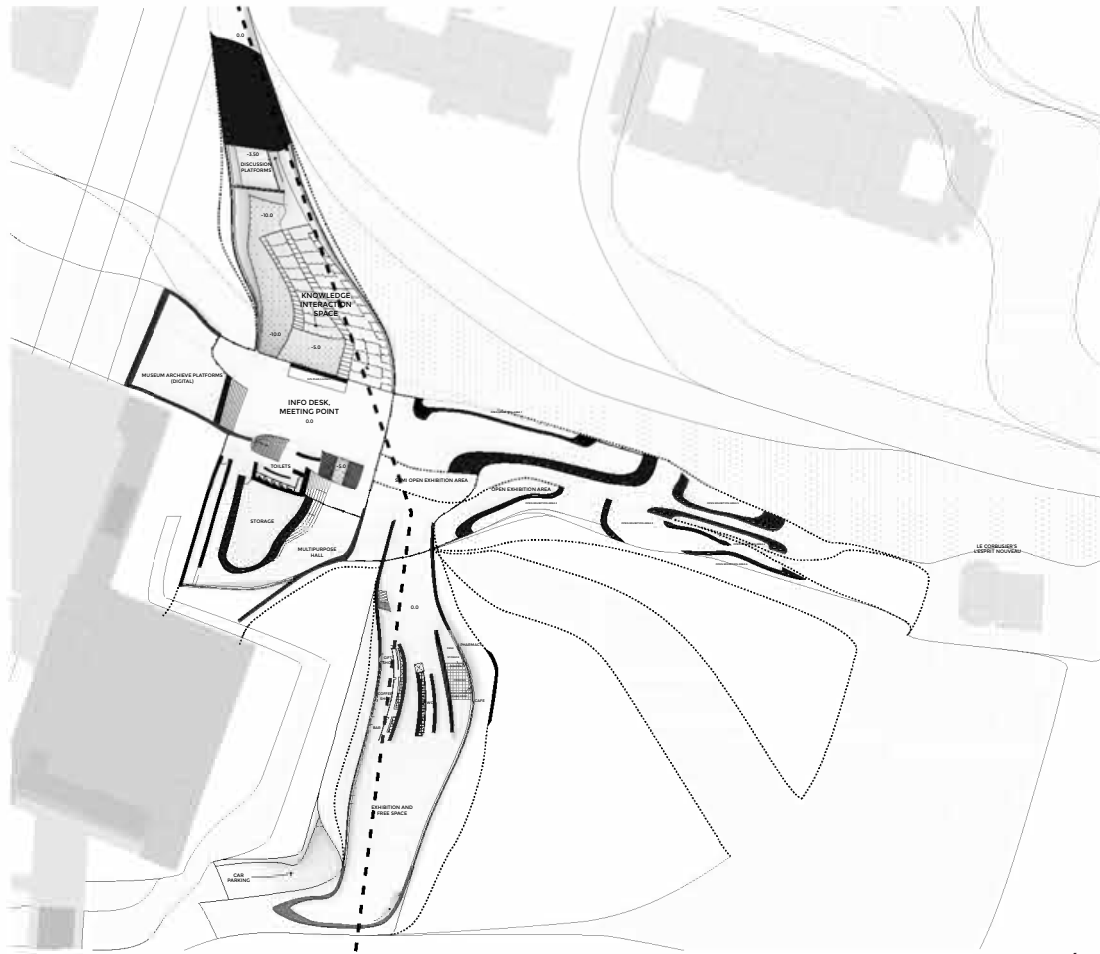
INFRASTRUCTURE

- 4- Integration of high-tech
- 5- Carrying infrastructures

GREEN

- 2- Enriched ecosystem
- 6- Productive landscapes

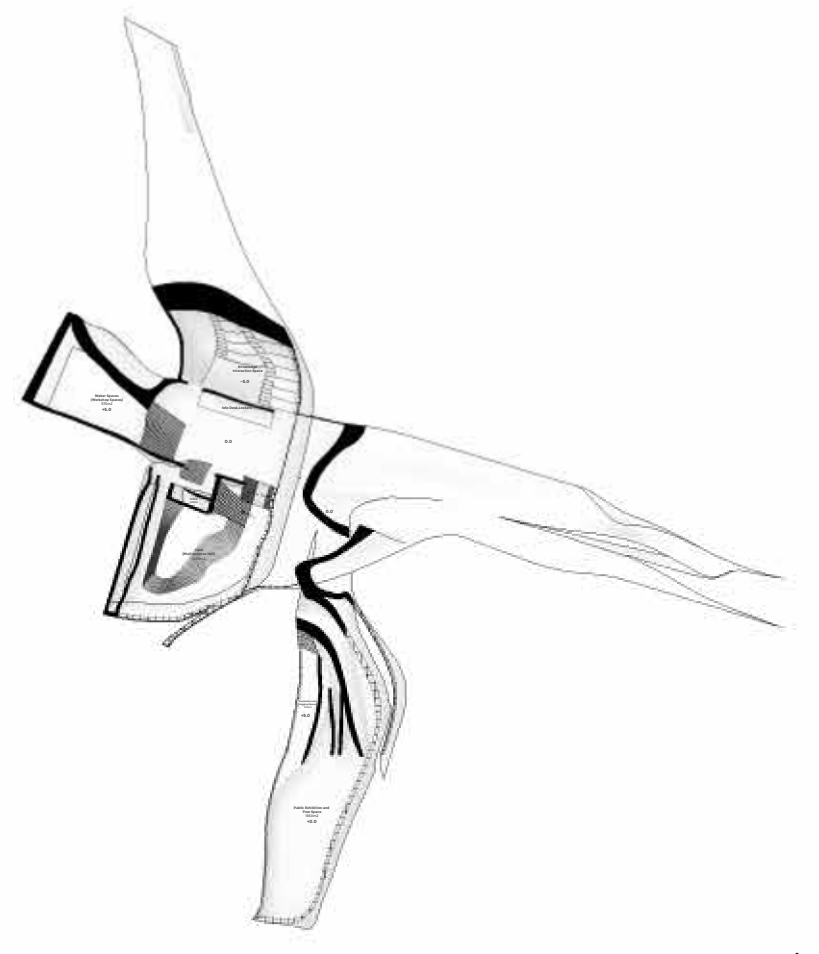




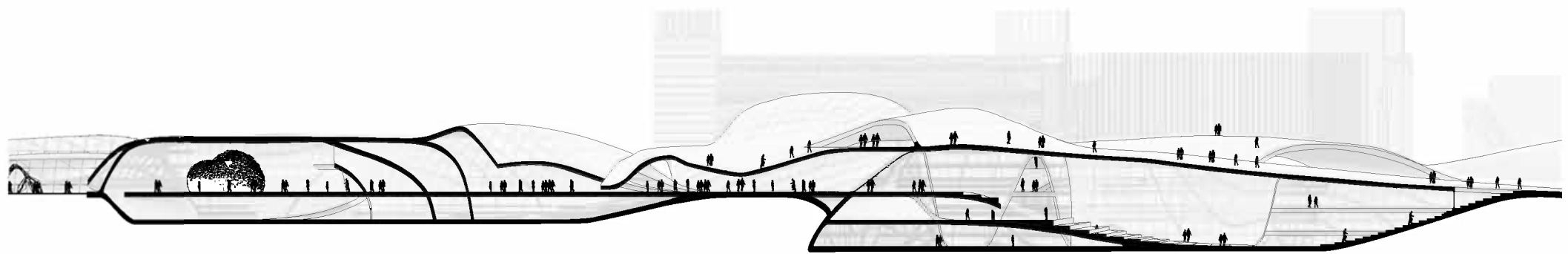
GROUND PLAN

◀ A

1/200 LEVEL 1

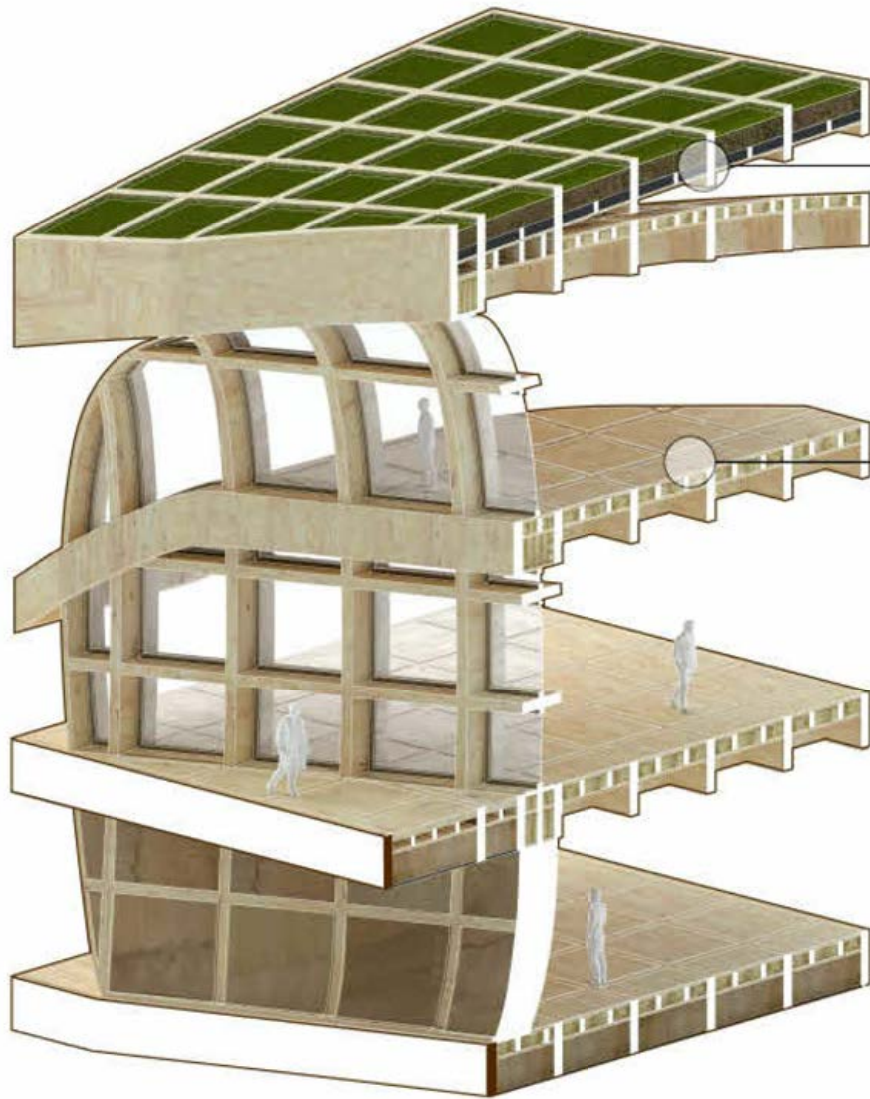


1/200



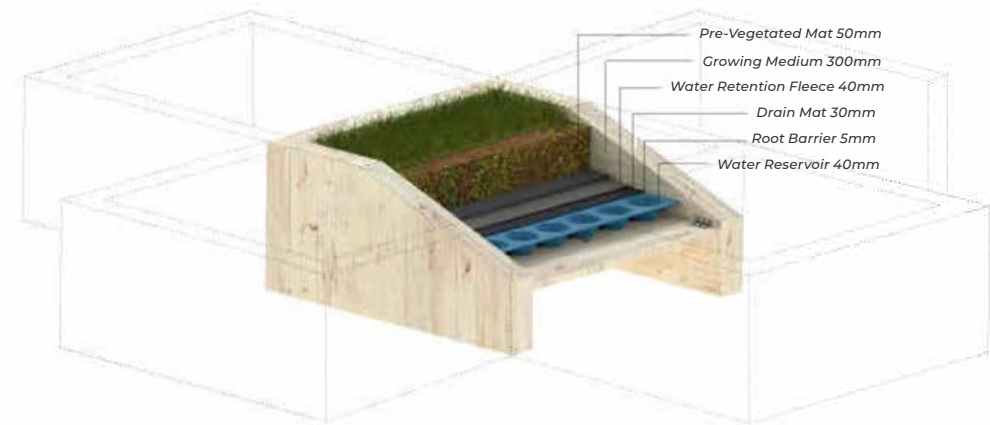
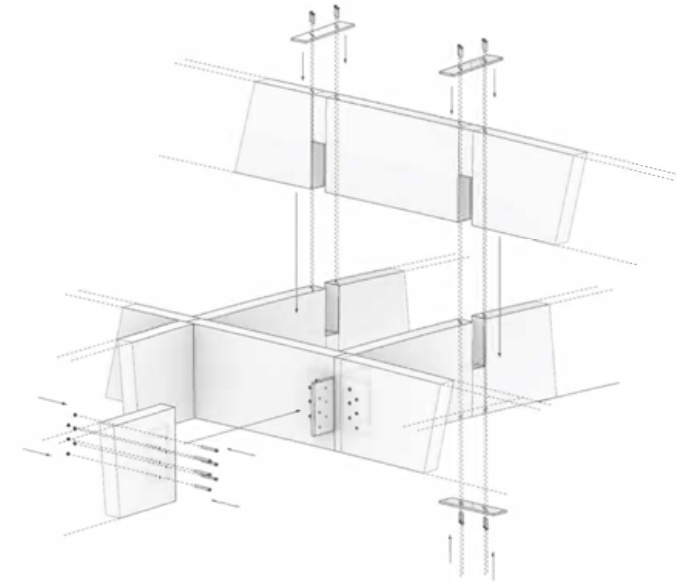
SECTION A

1/200



GREEN ROOF DETAIL

GLULAM CONNECTION DETAIL





04

STRANDED

Wind shelter designed for a trail in Sweden within 2 weeks.

Role

Design, construction, drawings and visuals

International Workshop: ARKNAT, Scandinavian Architecture Festival, Sweco Architects

Location: High Coast, Sweden

Team: Agnes Engström, Ahmet Can Karakadılar, Andre Berlin, Emma Arvidsson, Gustav Nasman

Year: 2019

Awards: Architecture of the year in Sweden by RUM magazine

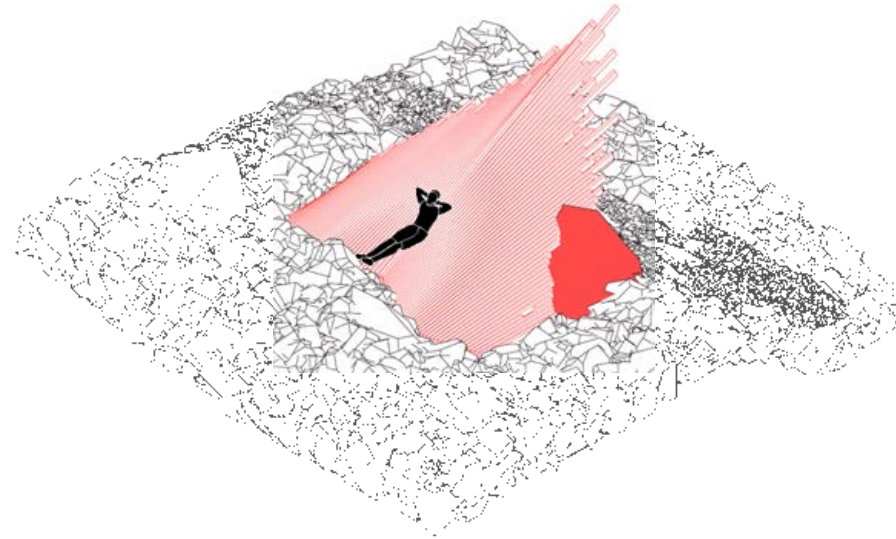
<https://arknat.com/>

ArkNat is an Scandinavian Architectural Festival which international students create architecture which lets us see, live and experience nature in new ways for two weeks in the High Coast area in the Gulf of Bothnia which is designated as a World Heritage Site. The students focused on three different sites where new wind shelters or resting spots were constructed with special attention to the relation with the surrounding nature.

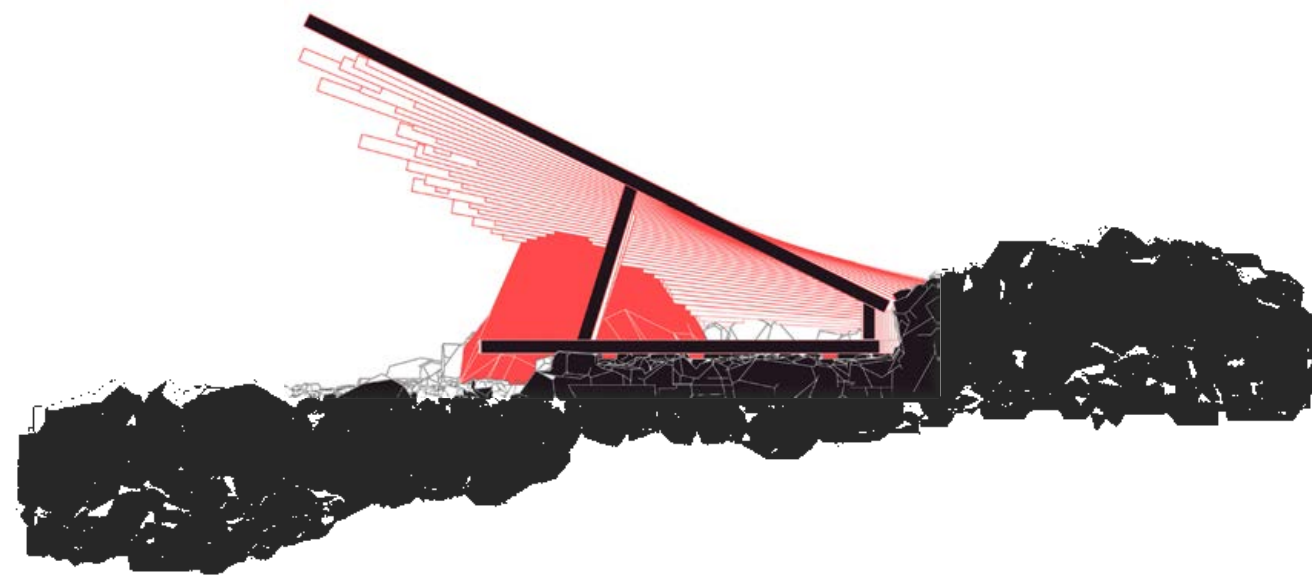
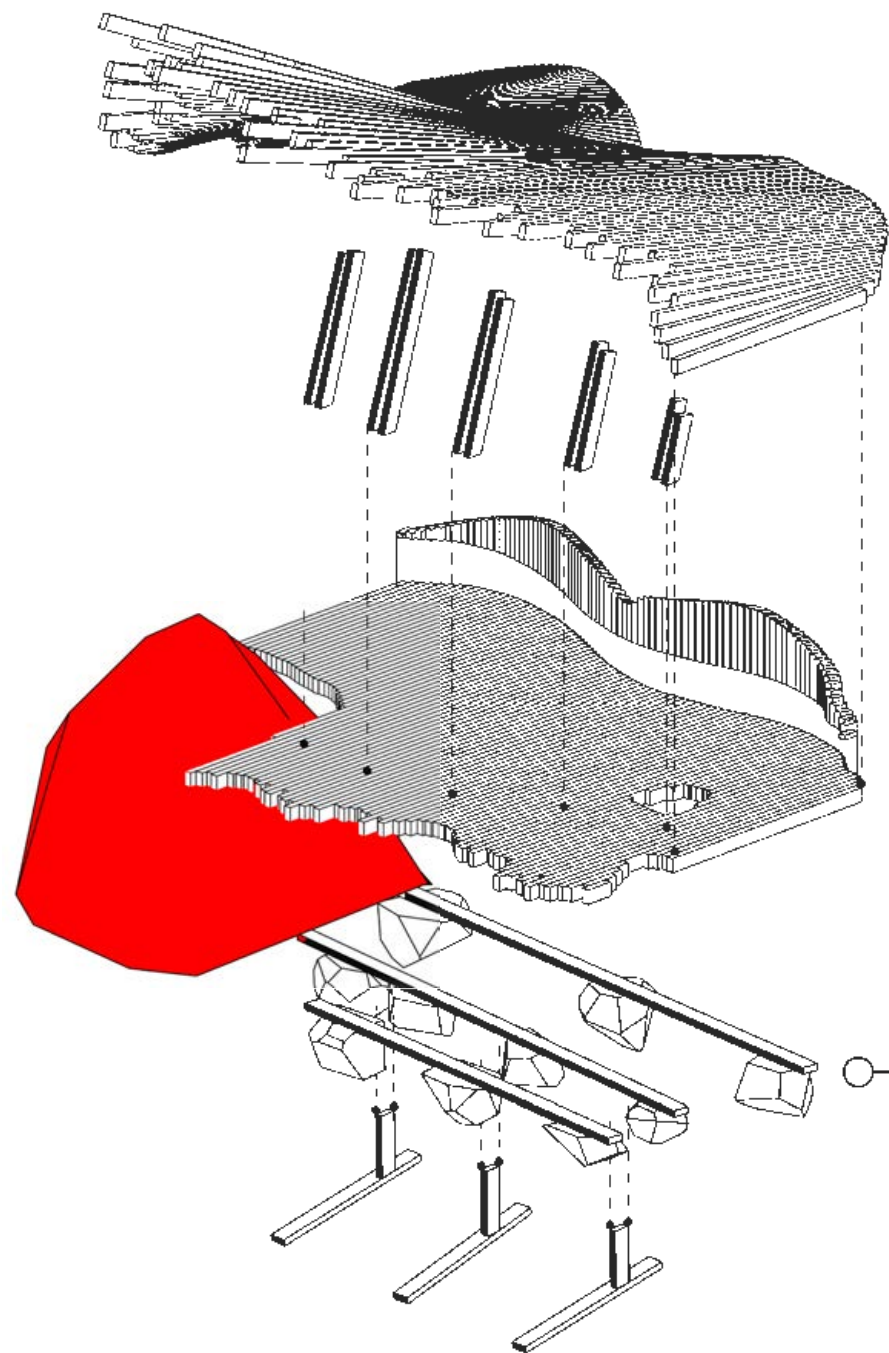
<https://www.archdaily.com/924621/arknat-2019-pavilion-sweco-architects>



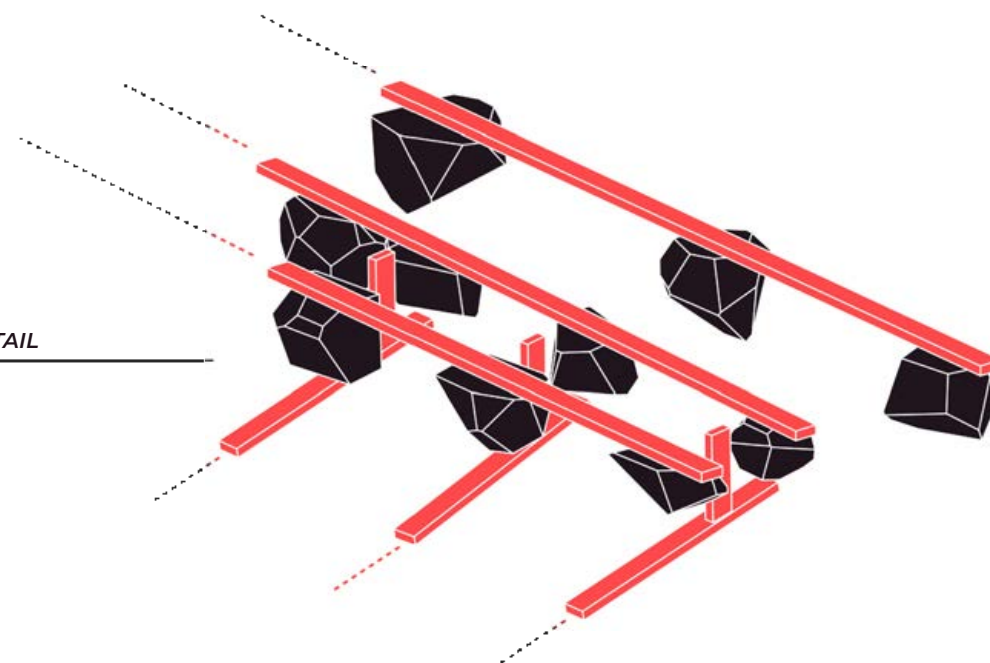
*DESIGN INSPIRATION COMES FROM INTERACTING WITH THE HUGE BOULDER AT THE SITE IN VARIOUS WAYS; STRUCTURALLY,
PHYSICALLY SENSING AND PHILOSOPHICALLY INTERROGATING THE RELATIONSHIP WITH THE VISITOR*







FOUNDATION DETAIL







05

OCCUPATIONS



EASA 2018
Participant

Atelier: EASA (European Architecture Student Assembly)

Location: Rijeka, Croatia

Workshop: The Fat and The Thin

Tutors: Hannah Dalton, Jack Vickerman, Estelle Roussel

Year: 2018

Construction workshop.

EASA is one of the biggest workshops that's being organized every year in the international scene. In this event, over 600 architecture student from over 50 different countries come together to share, learn, experiment and teach in more than 30 different workshops.

As a participant in 2018 in Croatia, I have become a part of a workshop which aims to build two different follies across a canal inside the city. These follies were resembling two different characteristics of the city. One of the follies (the bigger one) has stayed in the place to become an open exhibition for the upcoming city event and fulfilled with the outcomes of the other workshops in the EASA.

I have participated as an helper and was the national contact of Turkey for 3 years.



EASA 2019
Helper

Location: Villars-Sur-Ollon, Switzerland

Year: 2019

Recycle Management Duty



EASA 2020-Turkey
Organizer

Location: Bilecik, Turkey

Year: 2020

Organization management and participation in rammed earth workshop.



EASA 2021
Organizer / Tutor

Location: İzmir, Turkey

Year: 2021

A small version of EASA is organized in Turkey with a theme "Reality".



EASA 2023
Tutor

Location: Sheffield, UK
Year: 2023

Although I could not attend due to visa issues, I have participated in a workshop process for EASA Archive which aims for archiving the EASA from the beginning.



Arkitera Travel Scholarship
"Time Pasts" 2017

Scholarship: Arkitera Travel Scholarship

Location: Moscow, St. Petersburg, Russia

Arkitera Architecture Center
<https://www.seyahatbursu.com/category/zamangecer/2017/>

Year: 2017

Revolution has been affected the old Soviet Russia in many ways. Not only the Russia but also the rest of the world. October Revolution has considerable effects on many countries and systems so far.

Design, art and architecture emerged in revolution in a avantgarde manner and both affected the way it's been lived and from how it's been going to be lived.

In that journey, I tried to look for the past of architectural movements in Russia in a theme called "Time Pasts". In order to look what has been changed or not changed during 20th century, I tried to discover, learn, observe and tell the Avantgarde Soviet Architecture, Stalinist Architecture, Modern Soviet Architecture and Contemporary Architecture eras of Russia.



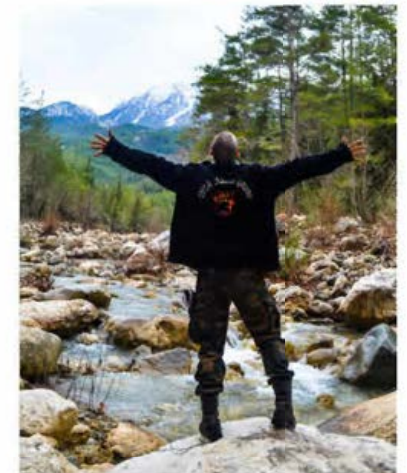
Quidditch

Quidditch is a mixed gender full contact sport. It's first started to be played in United States in 2005. In METU, the first university teams are established in Turkey. As a part of the team, I have competed in 6 international and 10 national tournaments and won many awards in national and local teams.



Scout

In university's scout club, I have joined over 70 camps and spent more than 200 days under the stars over 6 years.



“Architecture is not just about manifesting buildings,
it’s about moulding the world around us, influencing
the way we live, and inspiring emotions and
experiences.”



FIN
THANK YOU