

A NEW EUROPEAN BAUHAUS

at CampusVäre

Studio
A New European
Bauhaus
SS 2021

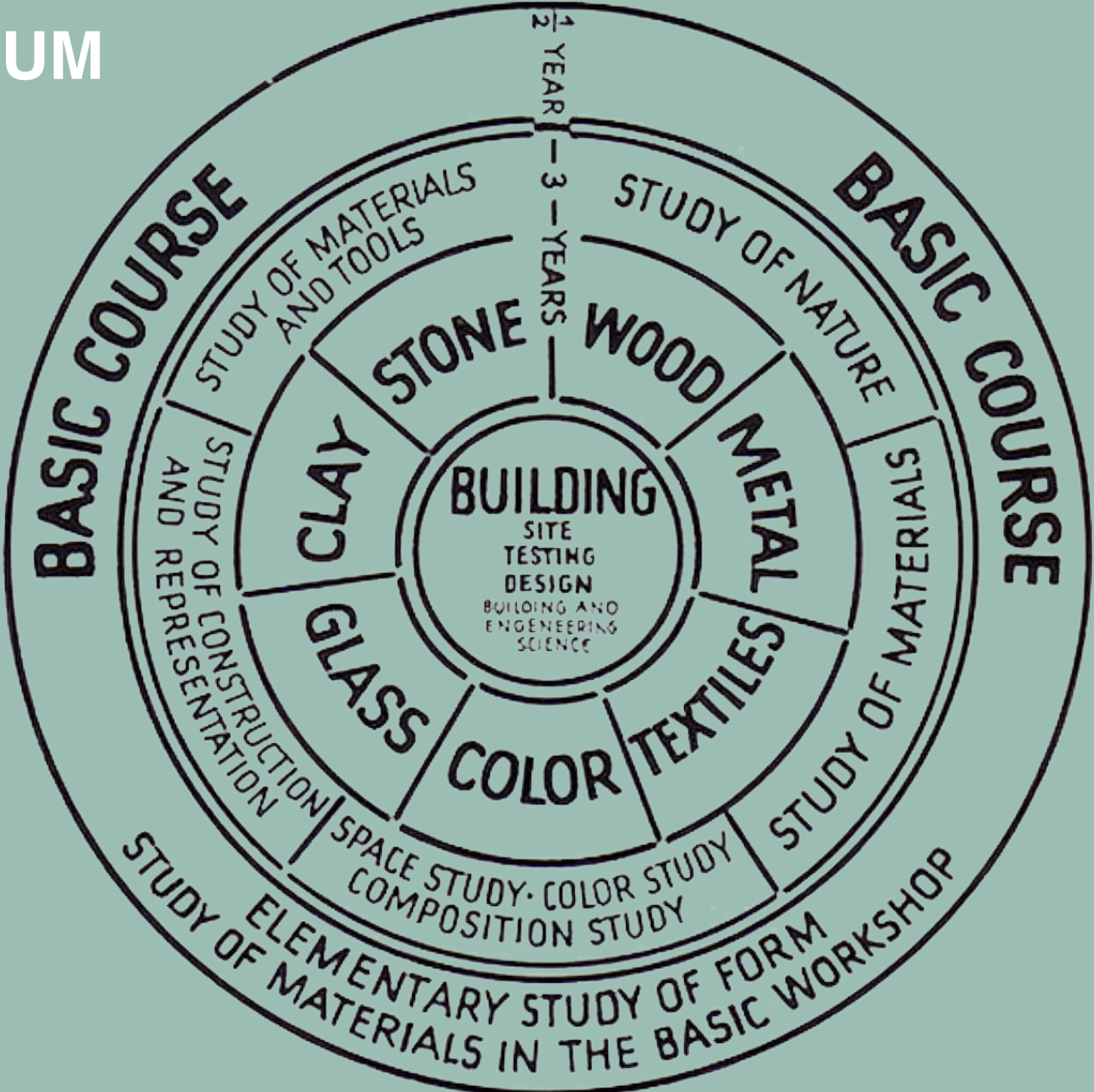
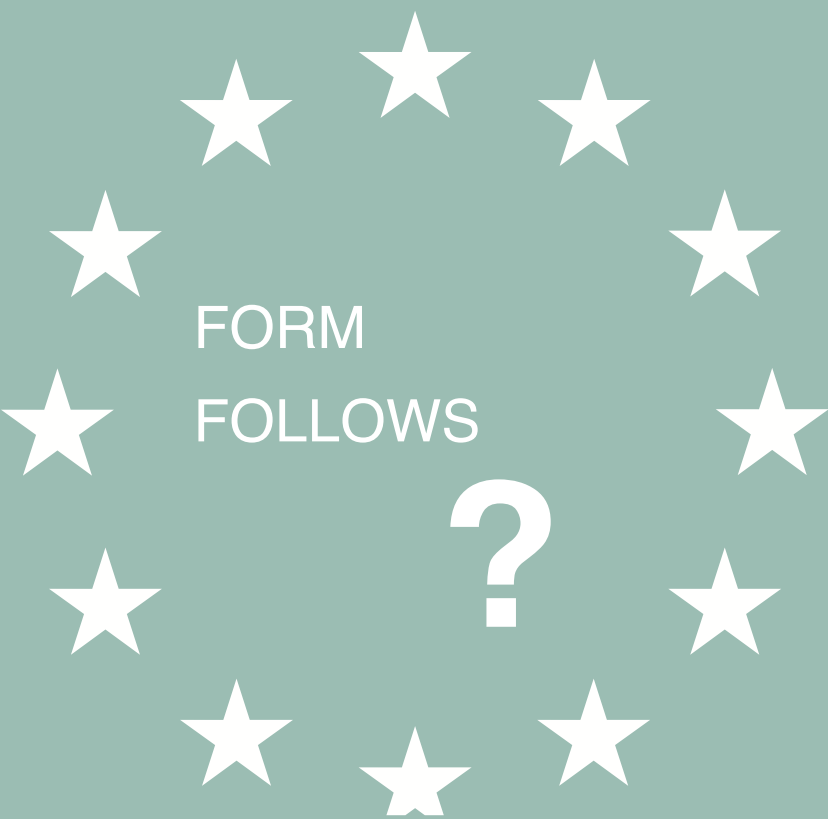
Hon. Prof. UNESCO Anna Heringer
Dr. Clarissa Rhomberg

DESIGN CHALLENGE

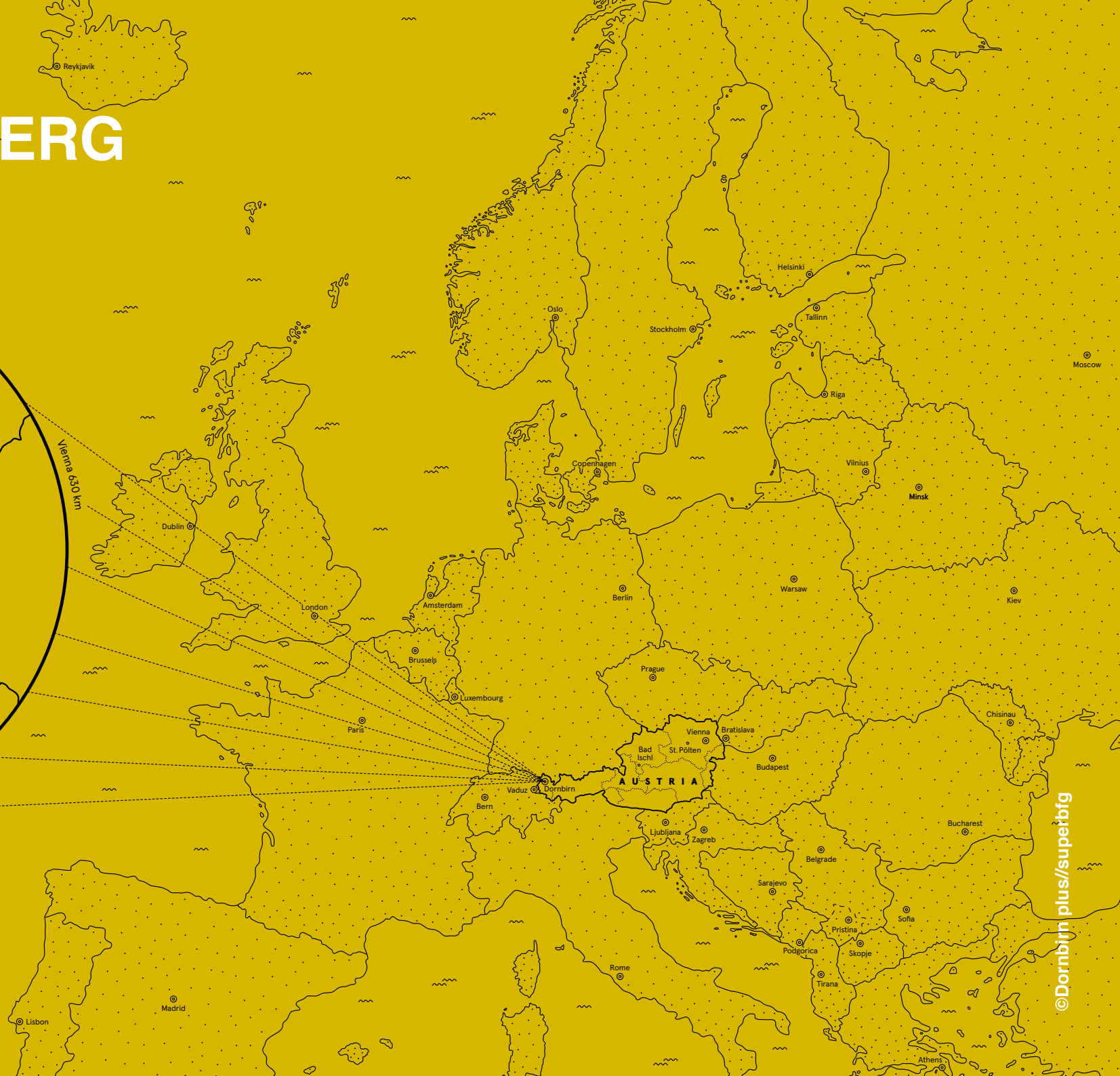
ADVANCED STUDIO LANDSCAPE 13 MASTER STUDENTS

- *a forum for discussion
- *a space for art and culture
- *an experimentation lab
- *an accelerator
- *a hub for global networks and experts
- *a contact point for citizens interested in the topic
- * location Dornbirn at CampusVäre

BAUHAUS CURRICULUM



REGION VORARLBERG



FORM FOLLOWS CRAFT



FORM FOLLOWS CRAFT



FORM FOLLOWS CRAFT

Bausysteme Kaufmann



FORM FOLLOWS RESOURCES

Werkhalle - 2020

Lehm Ton Erde, Martin Rauch

FORM FOLLOWS RESOURCES

reframing earth

In line with the ambition of the European Green Deal:
a new wave of innovation is framing earth as a potential solution
to the urgent problems of sustainable building

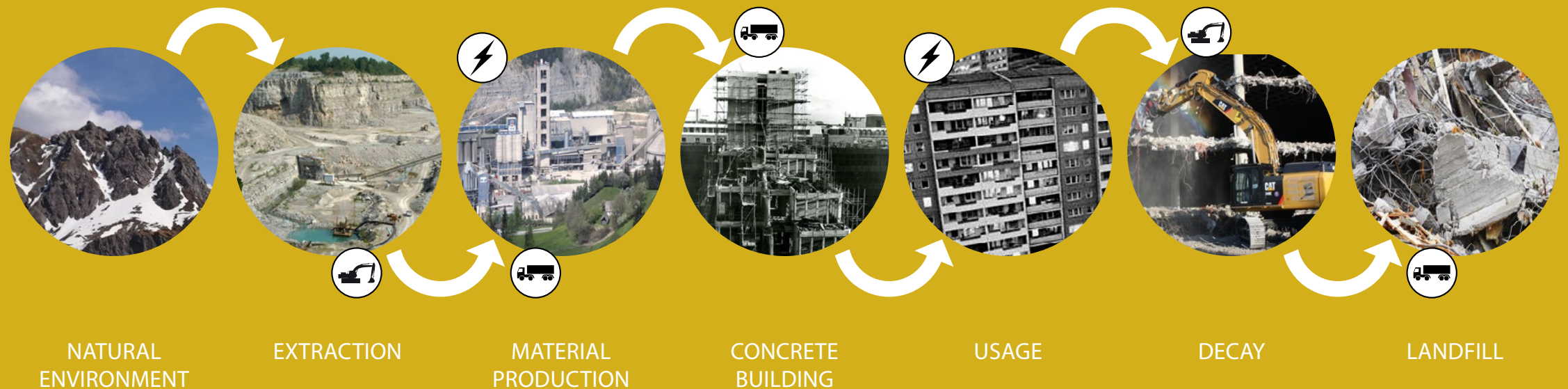


Figure Linear concrete life cycle

¹³ Fig. based on Data from Anna Heringer, Lindsay Blair Howe and Martin Rauch, Upscaling Earth. (gta Verlag: ETHzürich, 2019).

FORM FOLLOWS RESOURCES

reframing earth

100% recyclability

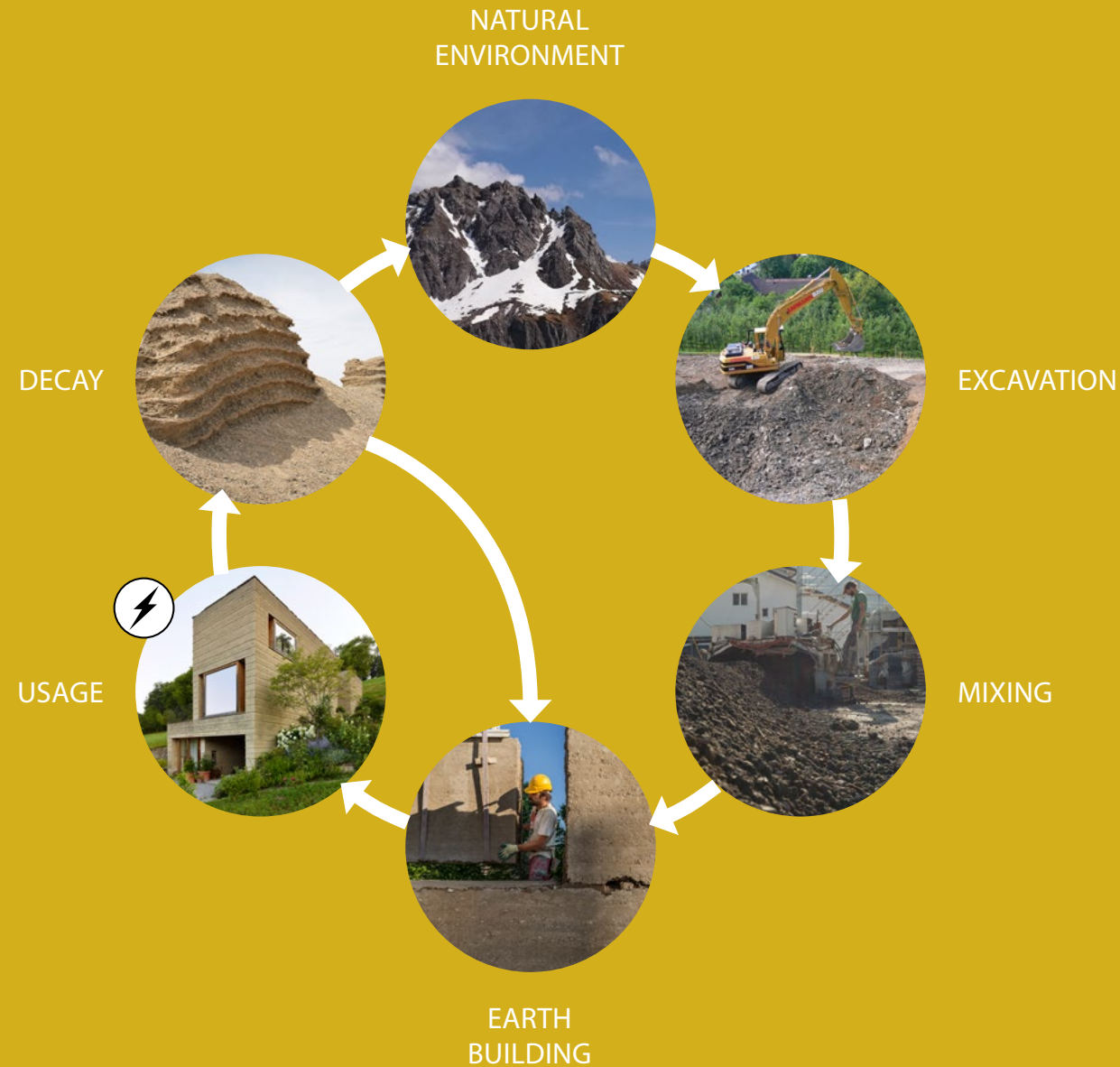


Figure: Circular earth life cycle

¹⁴ Fig. based on Data from Anna Heringer, Lindsay Blair Howe and Martin Rauch, Upscaling Earth. (gta Verlag: ETHzürich,













FORM FOLLOWS COLLABORATION

Studio New European Bauhaus

**TEAM & DESIGN
SUPERVISORS**

CAMPUSVäRE

Creative Institute Vorarlberg,
Bettina Steindl, Theresa Bubik and
Lisa-Marie Alge

„Outburst
of
Courage!“





ANNA HERINGER

architect

„Architecture
is a tool
to improve
lives.“

DOMINIQUE GAUZIN-MÜLLER

architectural critic

„Use what
you have
at the
right place.“





JULIA KICK

architect

„Building culture
is key
for sustainability.“

MICHAEL HAGELMÜLLER

social innovation, Ashoka CEE

„Letting people
participate
starts with
listening.“





CONRAD BRINKMEIER

structural engineer

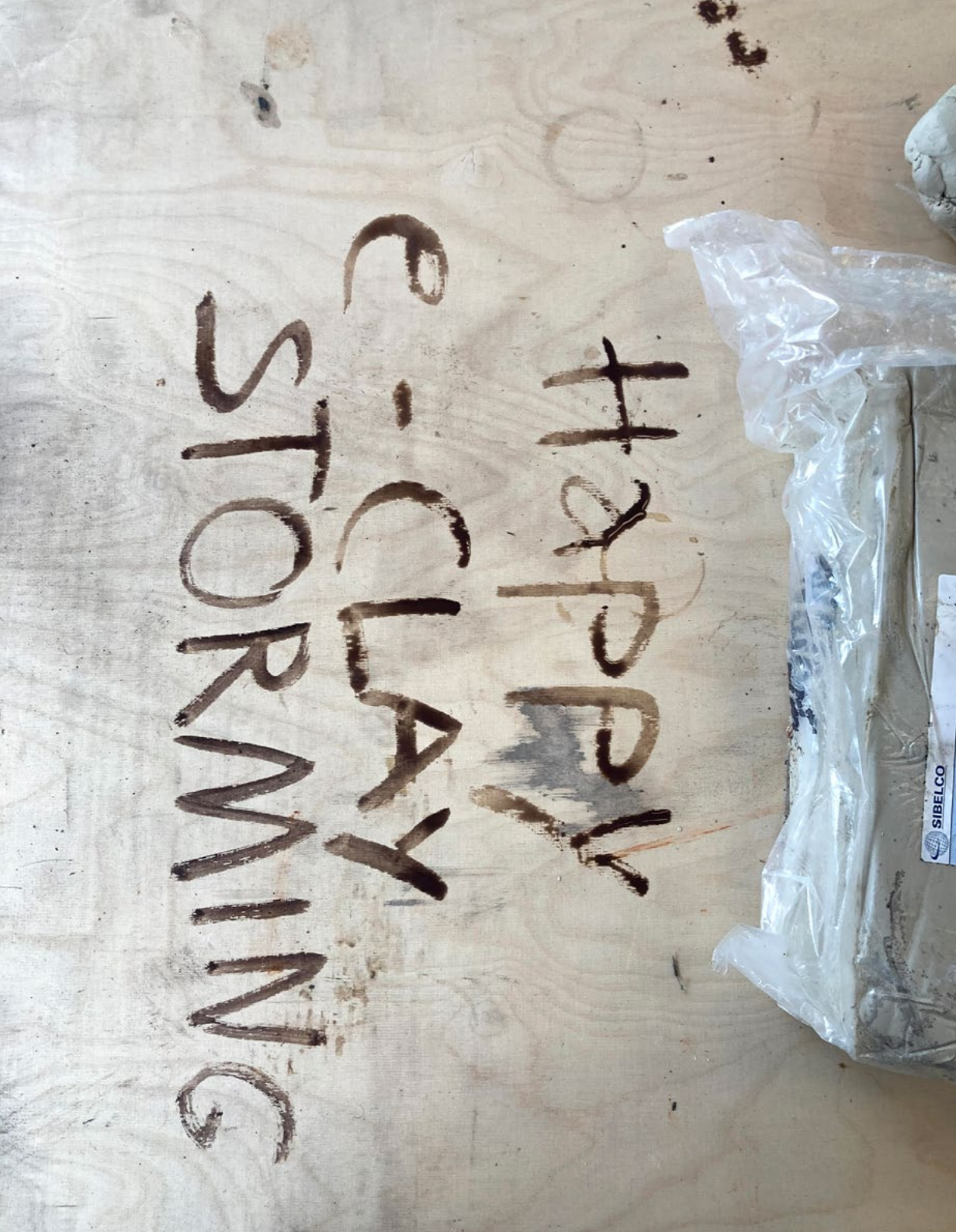
„Understanding
existing structures
enables us to
re-shape our
built environment.“

MARTIN RAUCH

rammed earth construction expert

„No risk -
no
innovation.“





CLAYSTORMING

getting to know the material

collaborative
and interactive
design method

CLAYSTORMING

step 1

getting to
know the
material clay





CLAYSTORMING

step 2

modelling
spaces of
your childhood





CLAYSTORMING

step 4

modelling
the building
site

A NEW EUROPEAN BAUHAUS

at CampusVäre

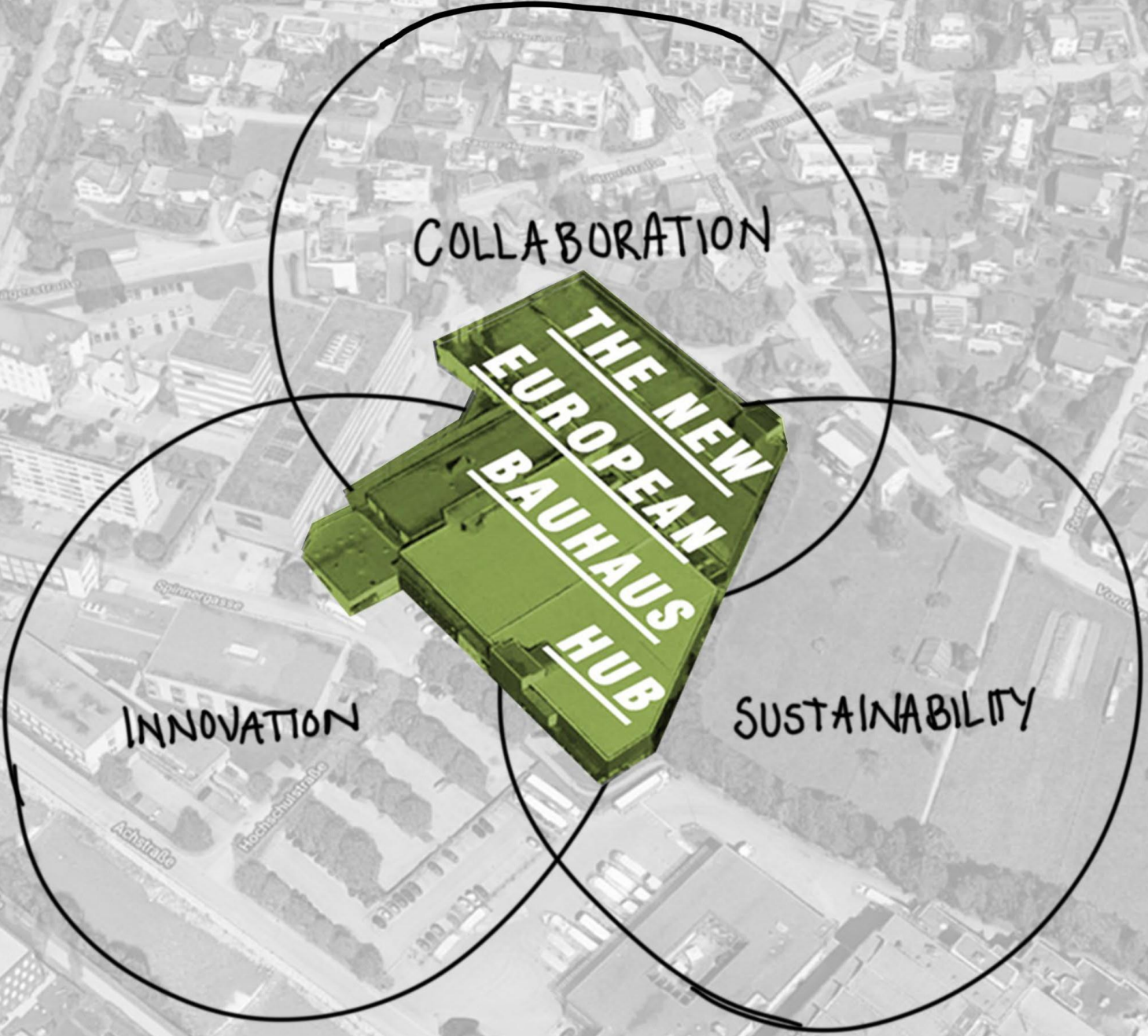
**STUDENT
PROJECTS**

NEB SÄGENHALLEN DORNBIRN

student project

by Nicolai Birkeland, Tine Kierulf, Ellena Neff



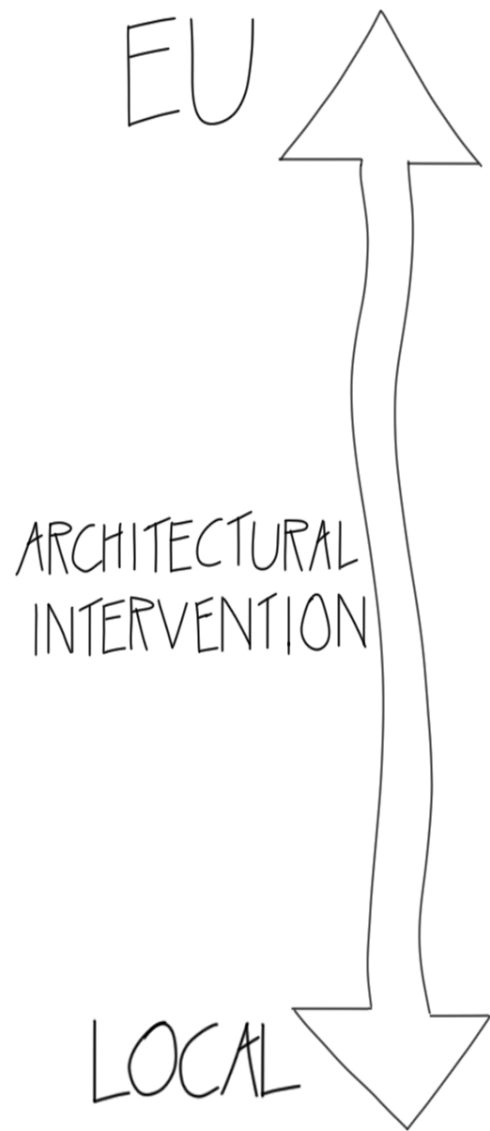


COLLABORATION

INNOVATION

SUSTAINABILITY

THE NEW
EUROPEAN
BAUHAUS
HUB



GREEN DEAL

Focus on public transport

Bringing discussions to one place. Educating future workforce on craft and sustainability

Aiming for a green transformation of the built environment



NEW EUROPEAN BAUHAUS

Iconic building, bringing different arts/crafts together in new ways, focus on sustainability and the building materials of the future. Hub for the movement.

Close to borders, all countries are one region.



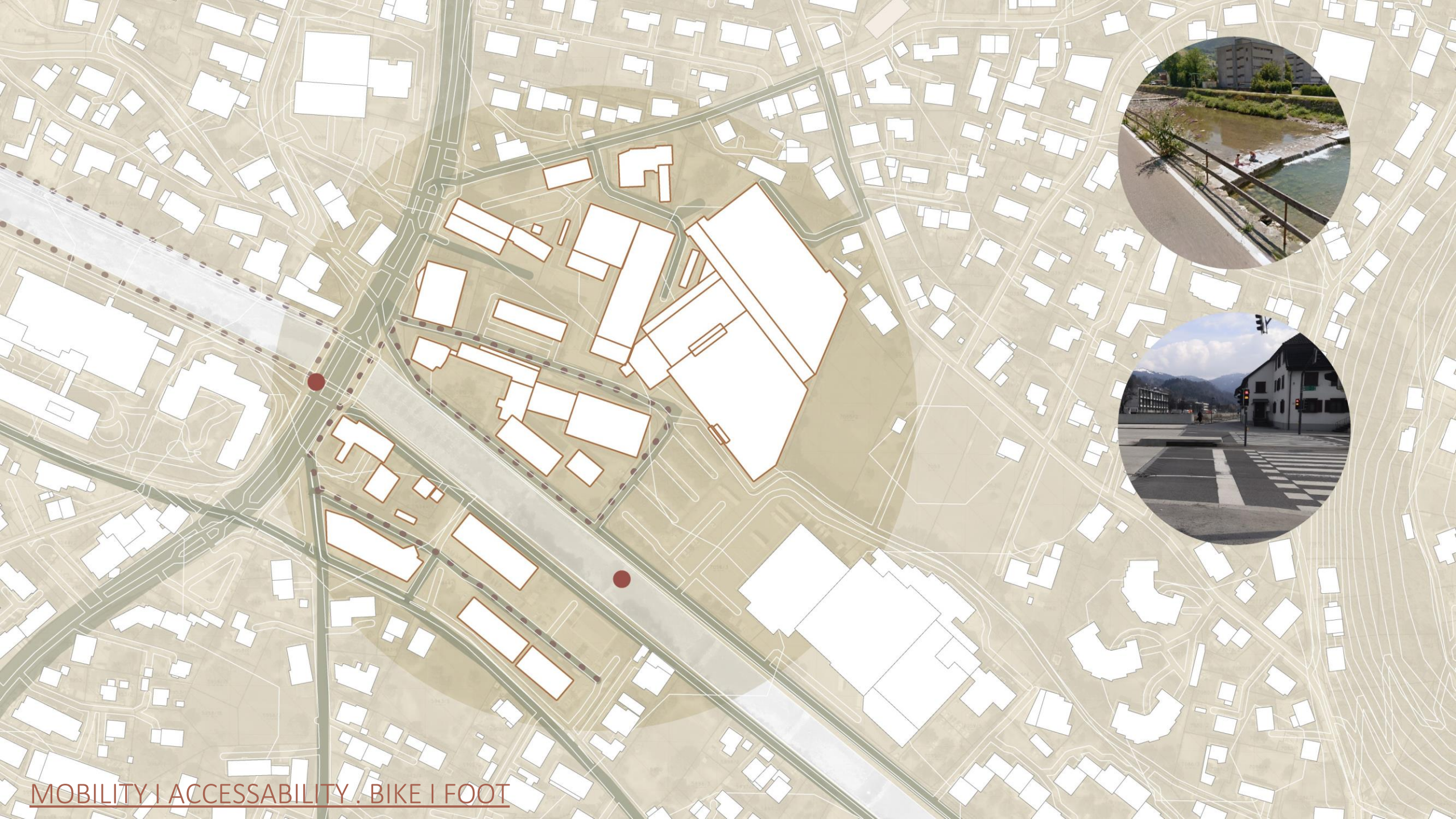
DORNBIRN PLUS

Creating outreach throughout Europe, student and teachers from the entire world sharing experiences under one roof.

BUILDING CULTURE

Rich in crafts, should be part of creating the building culture of the future. Skilled craftsmen can share their experience.

ANALYSIS OF CONTEXT

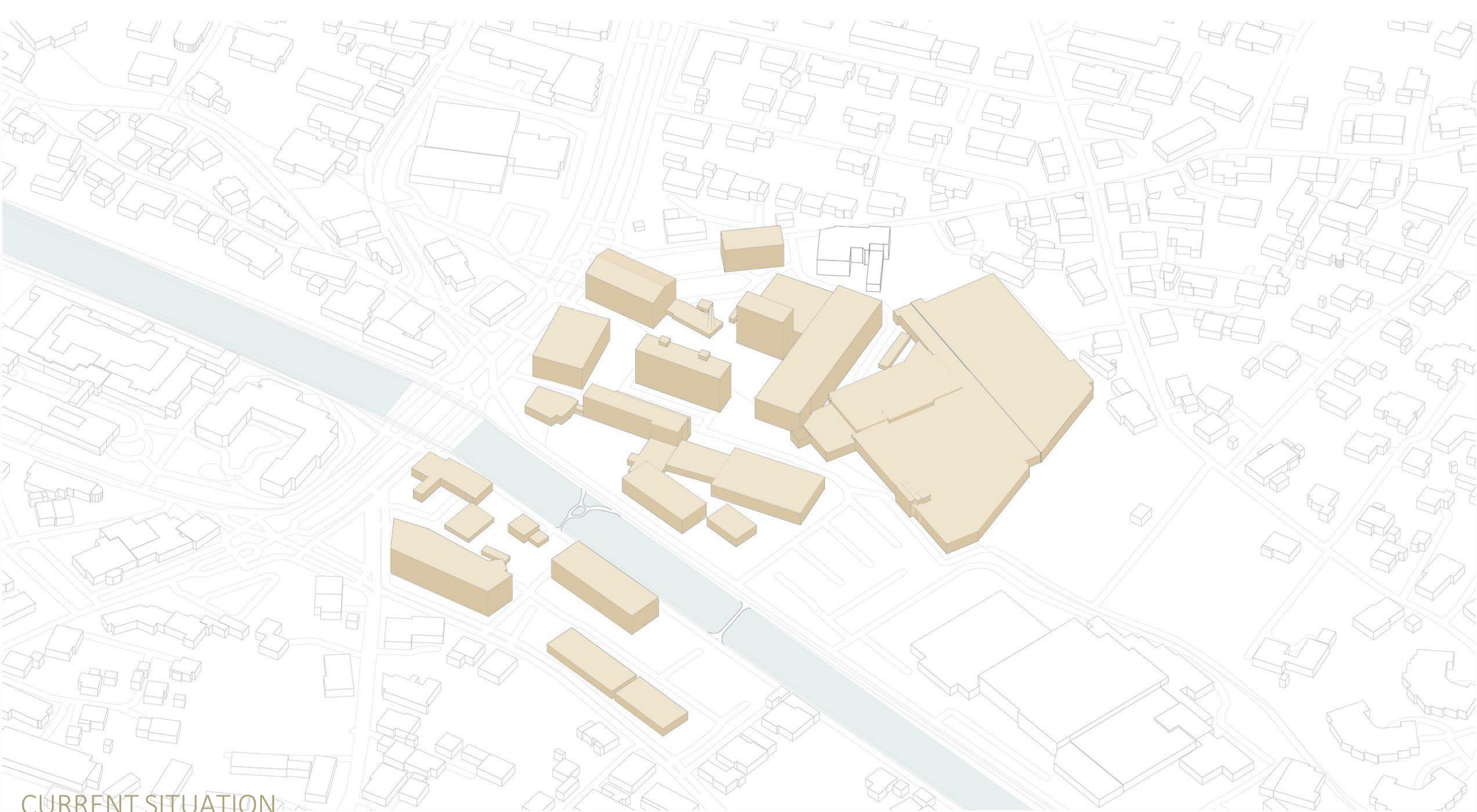


MOBILITY | ACCESSABILITY . BIKE | FOOT

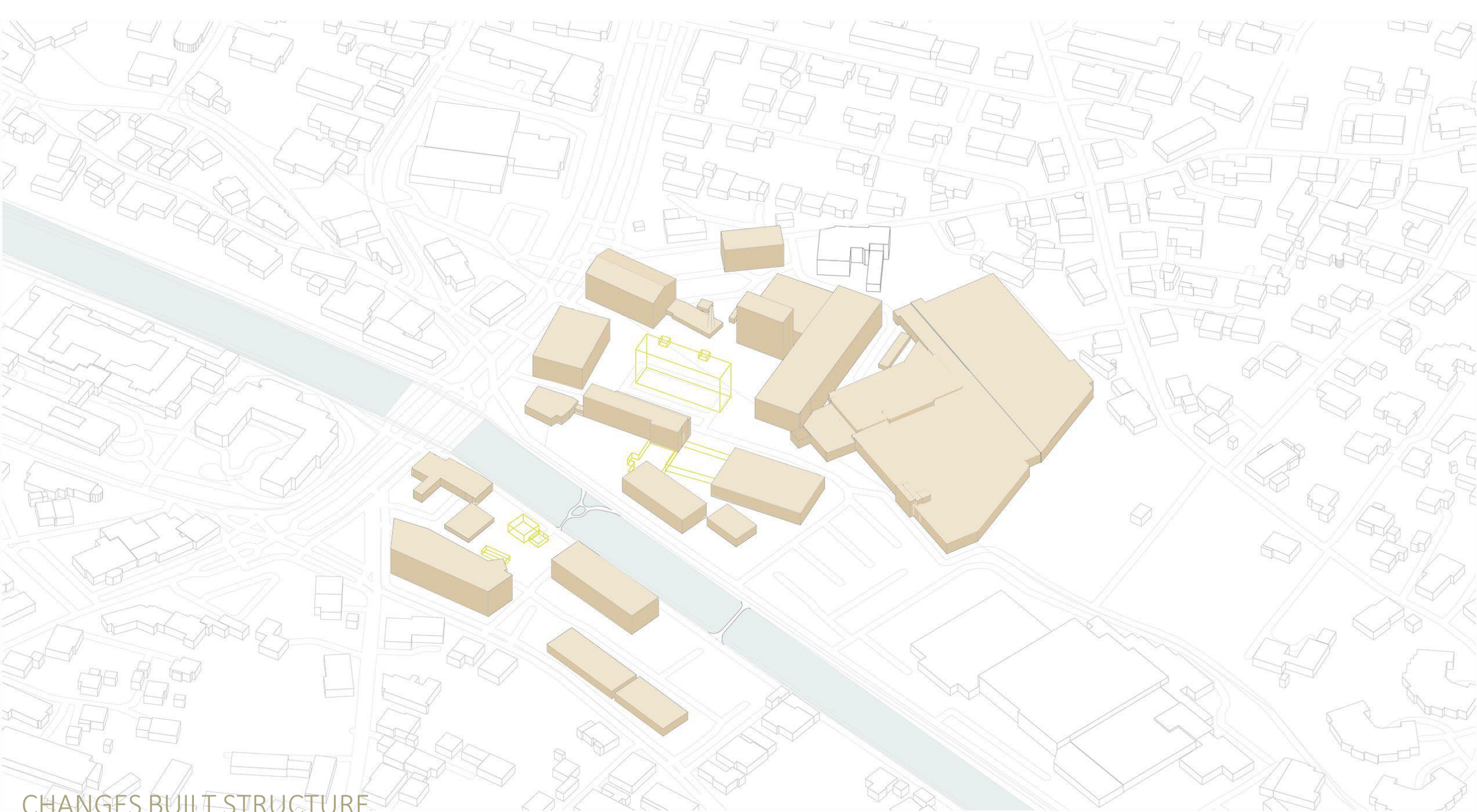


PARKING

VISION

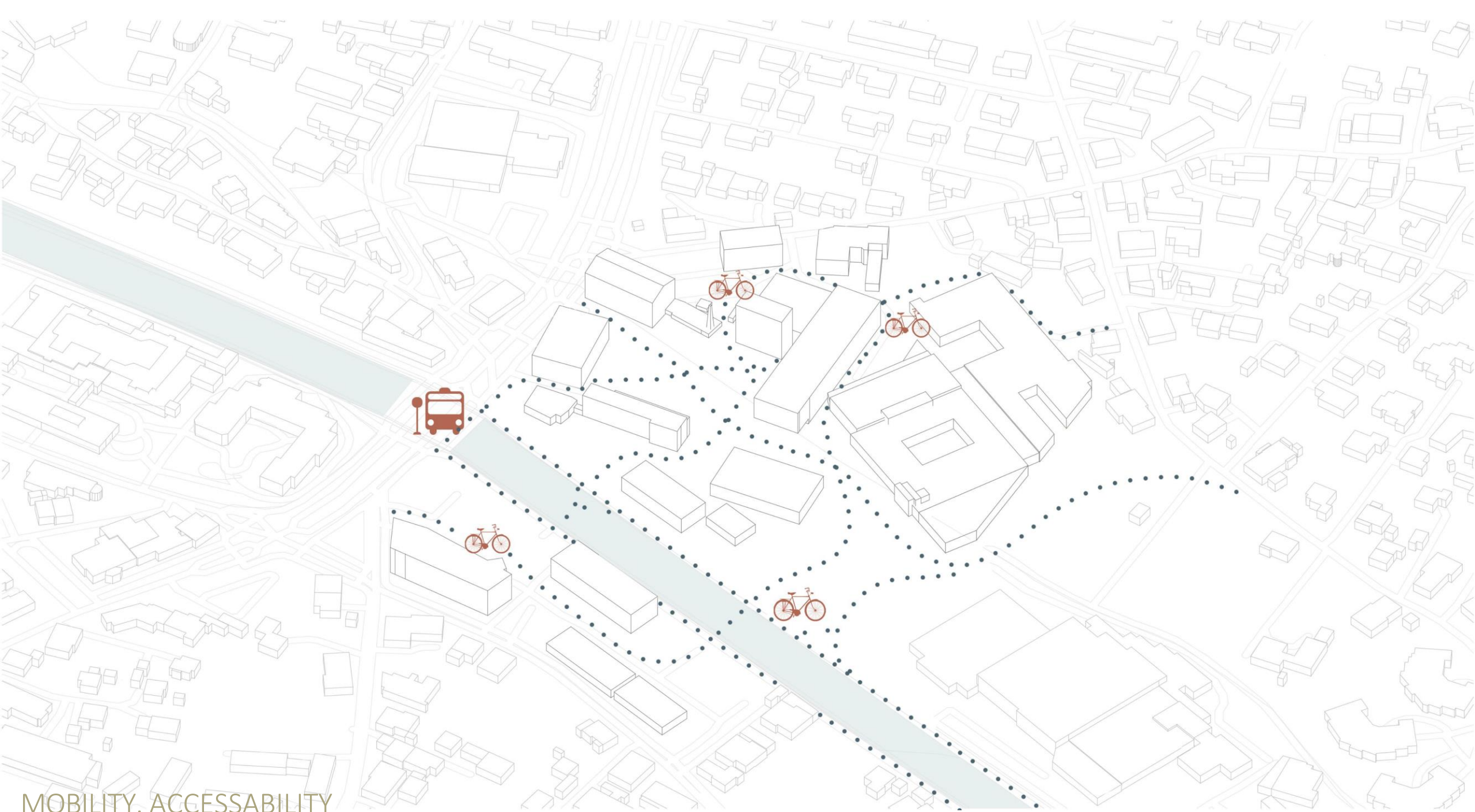


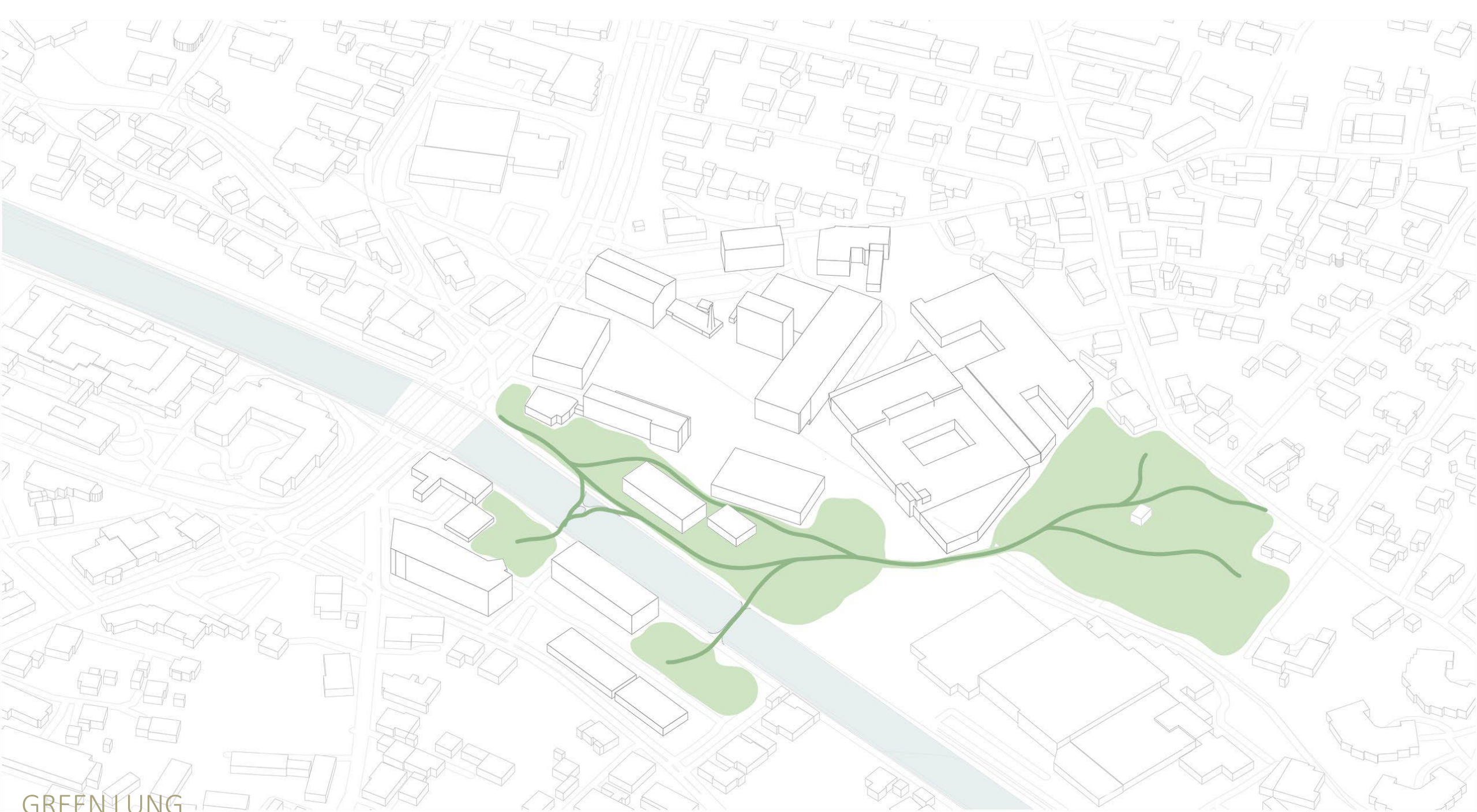
CURRENT SITUATION

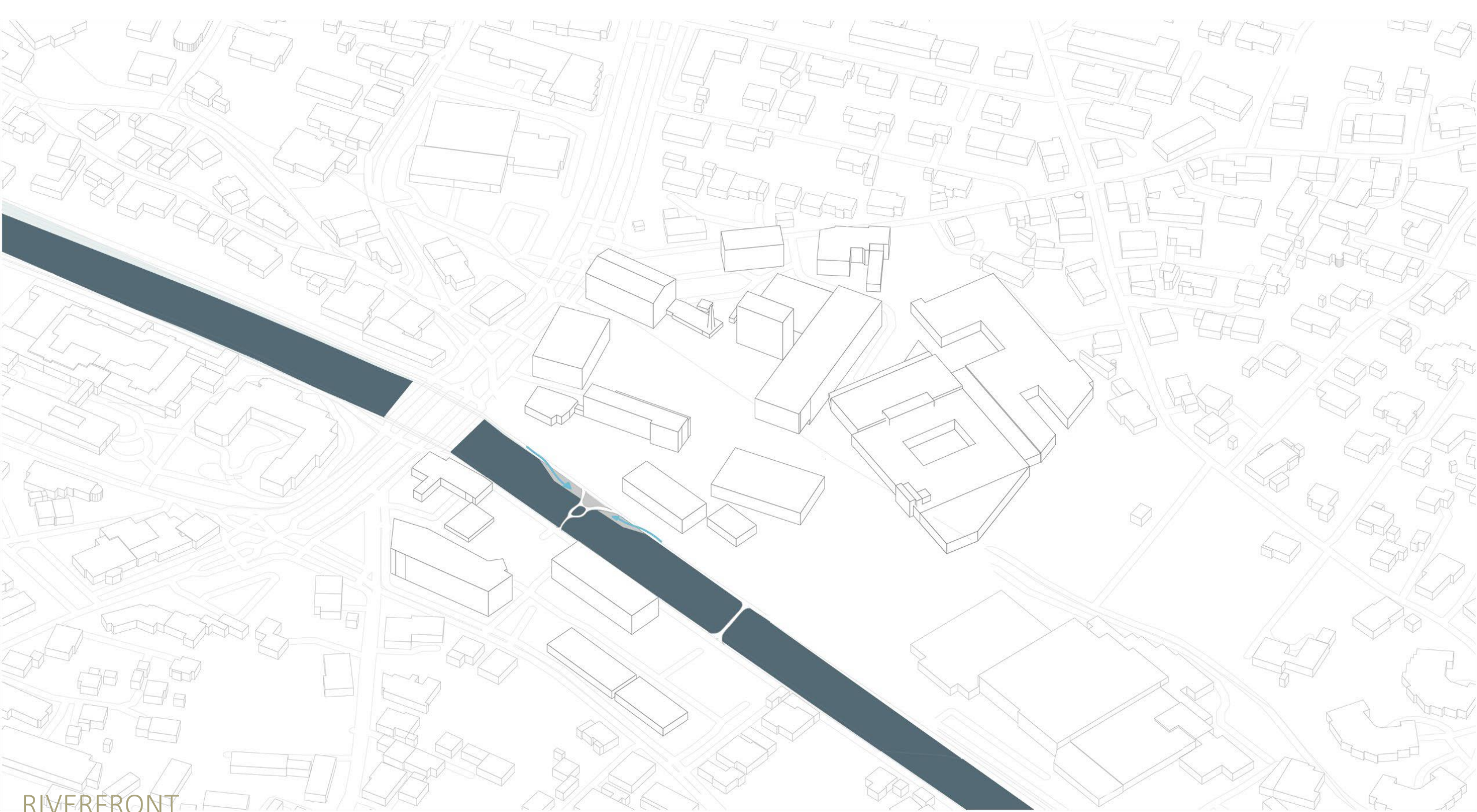


CHANGES BUILT STRUCTURE





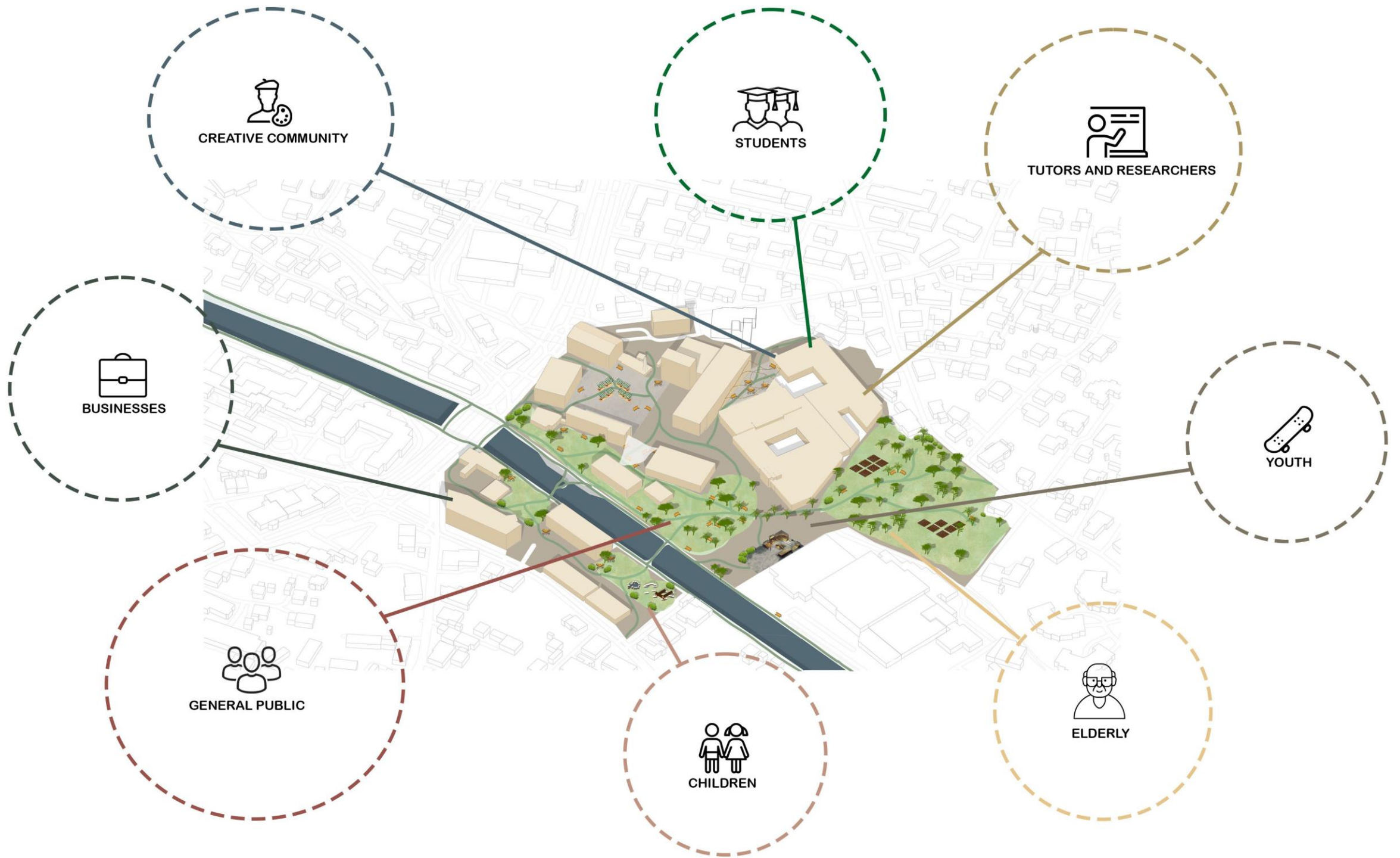








USER GROUPS

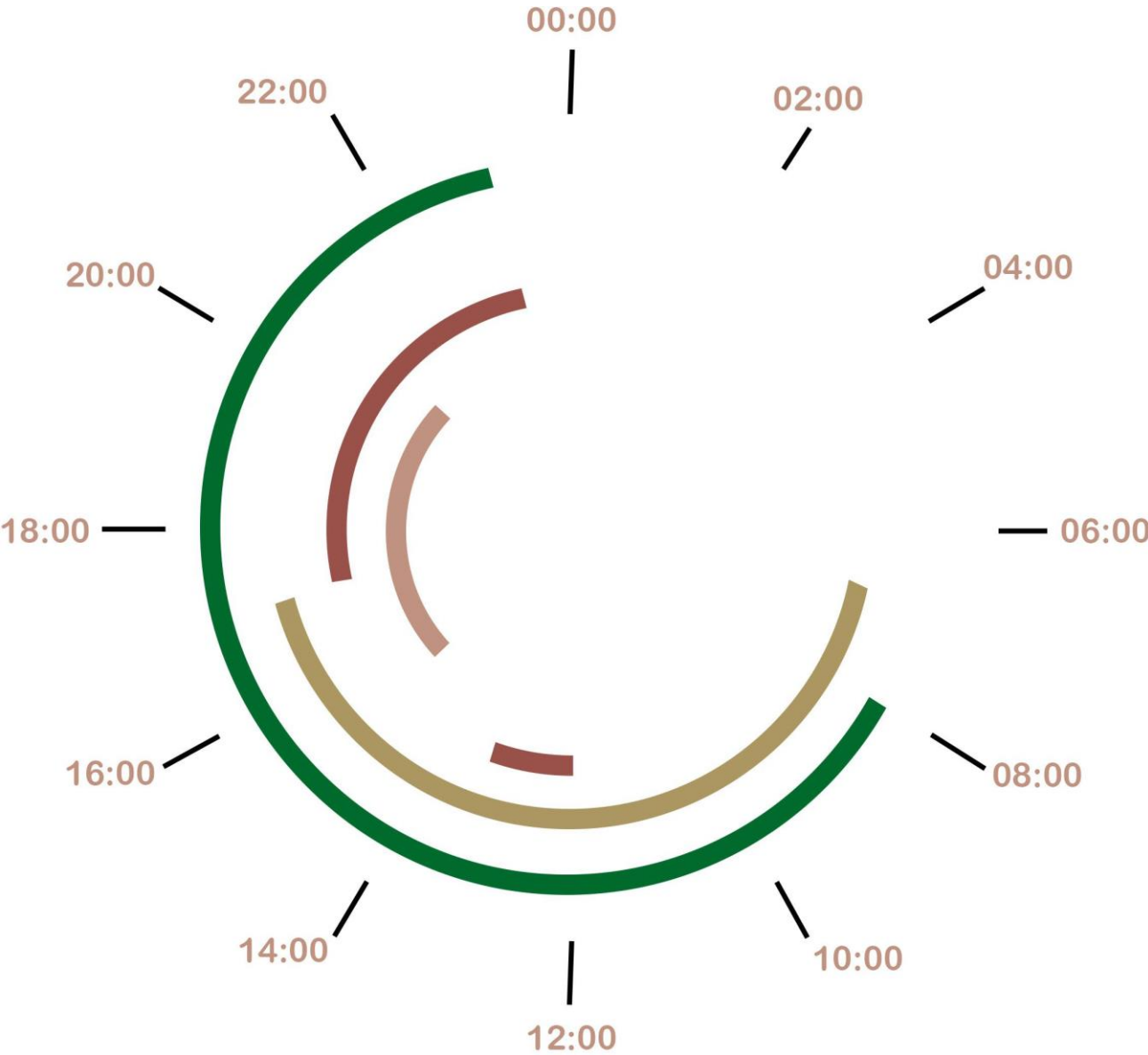


STUDENTS

TUTORS, RESEARCHERS AND THE
CREATIVE INDUSTRY

ADULT PUBLIC

CHILDREN

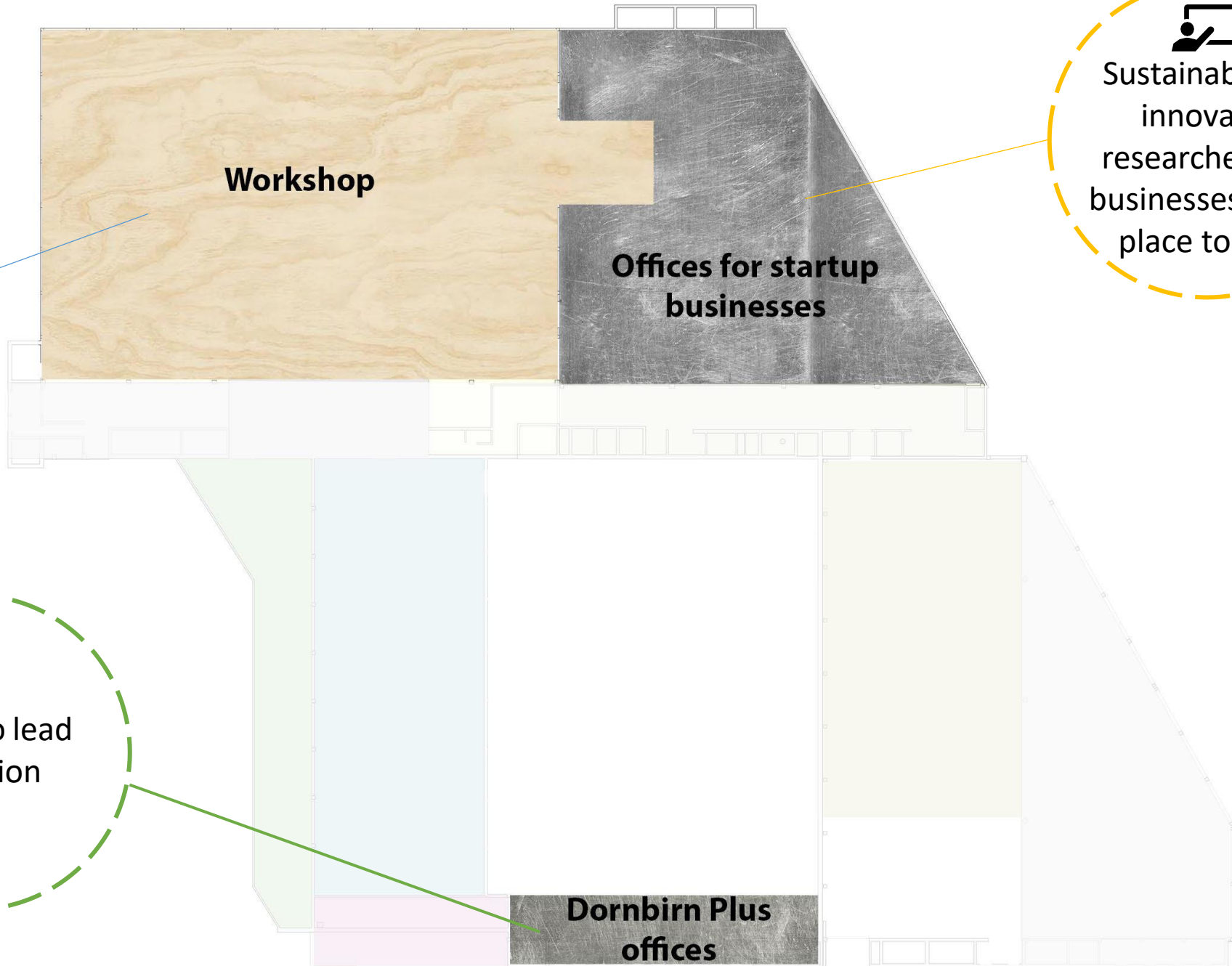


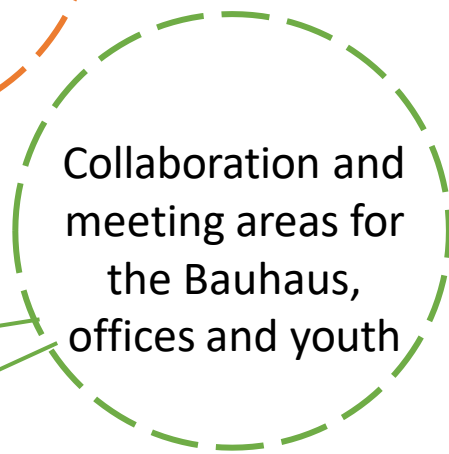
SHARING OF SPACES

CLAYSTORMING PROCESS



SÄGENHALLEN: INTERVENTIONS







«Breathing life into the existing structure by introducing **natural elements**»





UPCYCLING - EXTERIOR



« The New European Bauhaus is more than just a classroom. »

Through sustainable education can we catalyze a transition across boundaries and borders.



EXHIBITION SPACE

TINE KIERULF

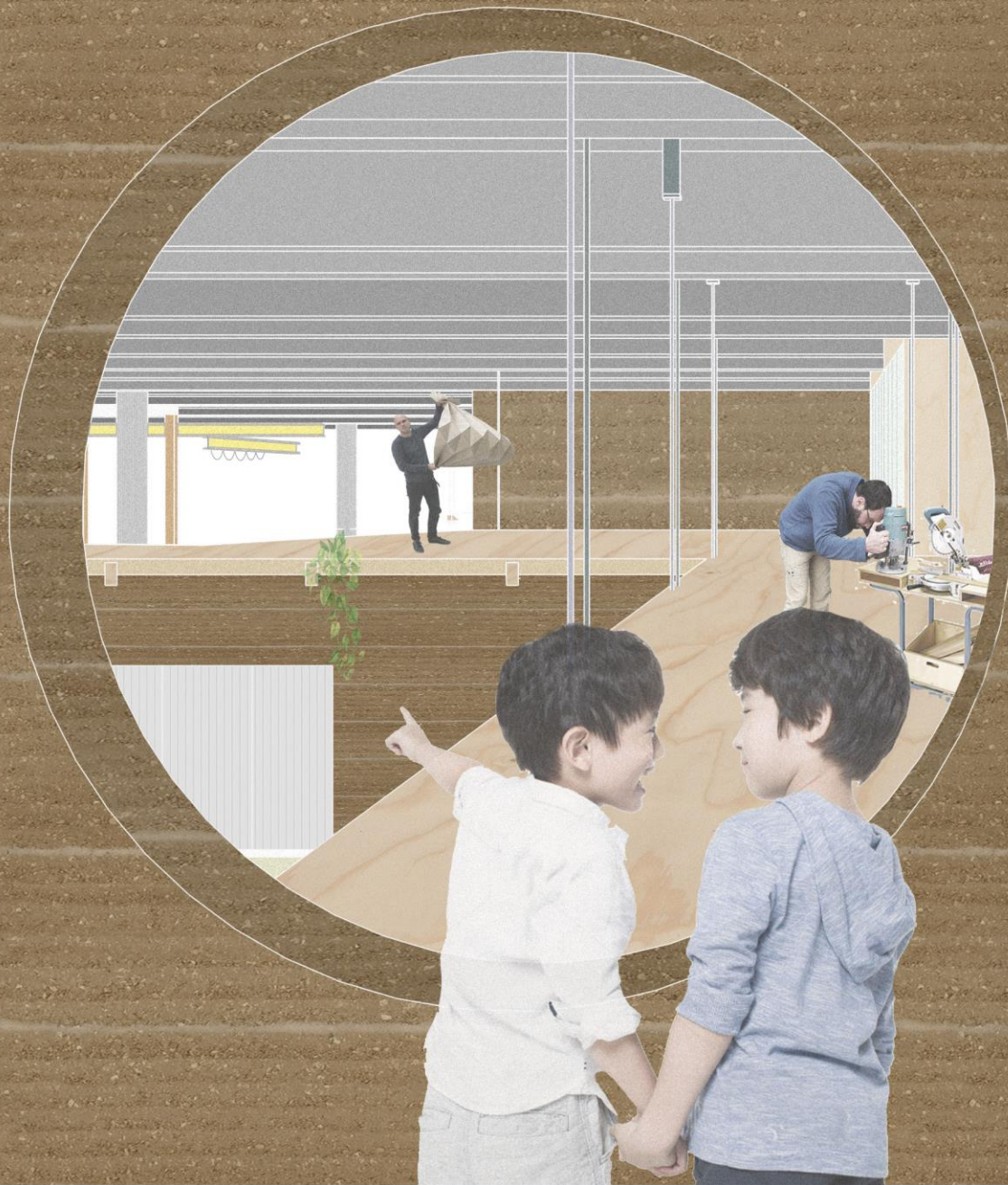




ENTRANCE TO «RHESI» HALL

ELLENA NEFF





GENERATION ALPHA

Nicolai Birkeland







NEB SÄGENHALLEN DORNBIRN

student project

by Au Chun Yin Kelvin, Chan Pui Wing Clarins
& Wong Siu Siu Claudia



Bersuch

Sägenhallen
(Hochschulstrasse)

Dornbirn
Markt

Karren
Achmuhke

Hochalpele

02

Journey as user
(River view)



02

Journey as user
(before enter the site)



02

Journey as user
(arrive station)



08

Plan (GF)

WC(m)

WC(w)

E-raum

WC(m)

WC(w)

Glass Workshop

GYM

Changing room

Storage

Hall 6

Bicycle parking (70 lots)

Pumping station

Electric bus station

Library

Lecture room

Study area

Performance / lecture hall

Lecture room

Cable car station

Stone Workshop

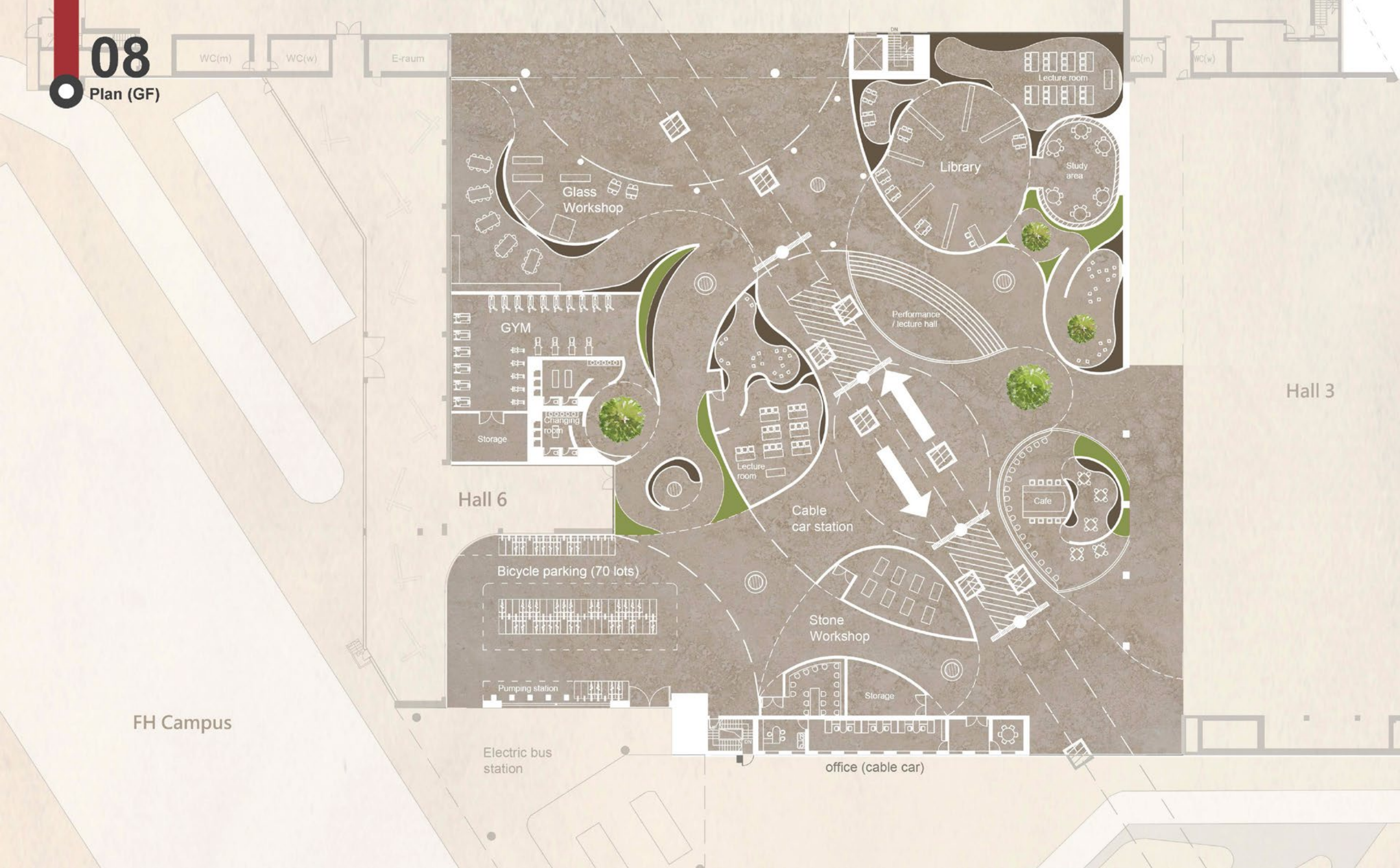
Storage

Cafe

office (cable car)

Hall 3

FH Campus



08

Plan (1/2 ROOF)

WC(m)

WC(w)

E-raum

WC(m)

WC(w)

Gla
Wo

Library

Performance
/ lecture hall

GYM

Hall 6

Hall 3

Cable
car station

Bicycle parking (70 lots)

Pumping station

FH Campus

Electric bus
station

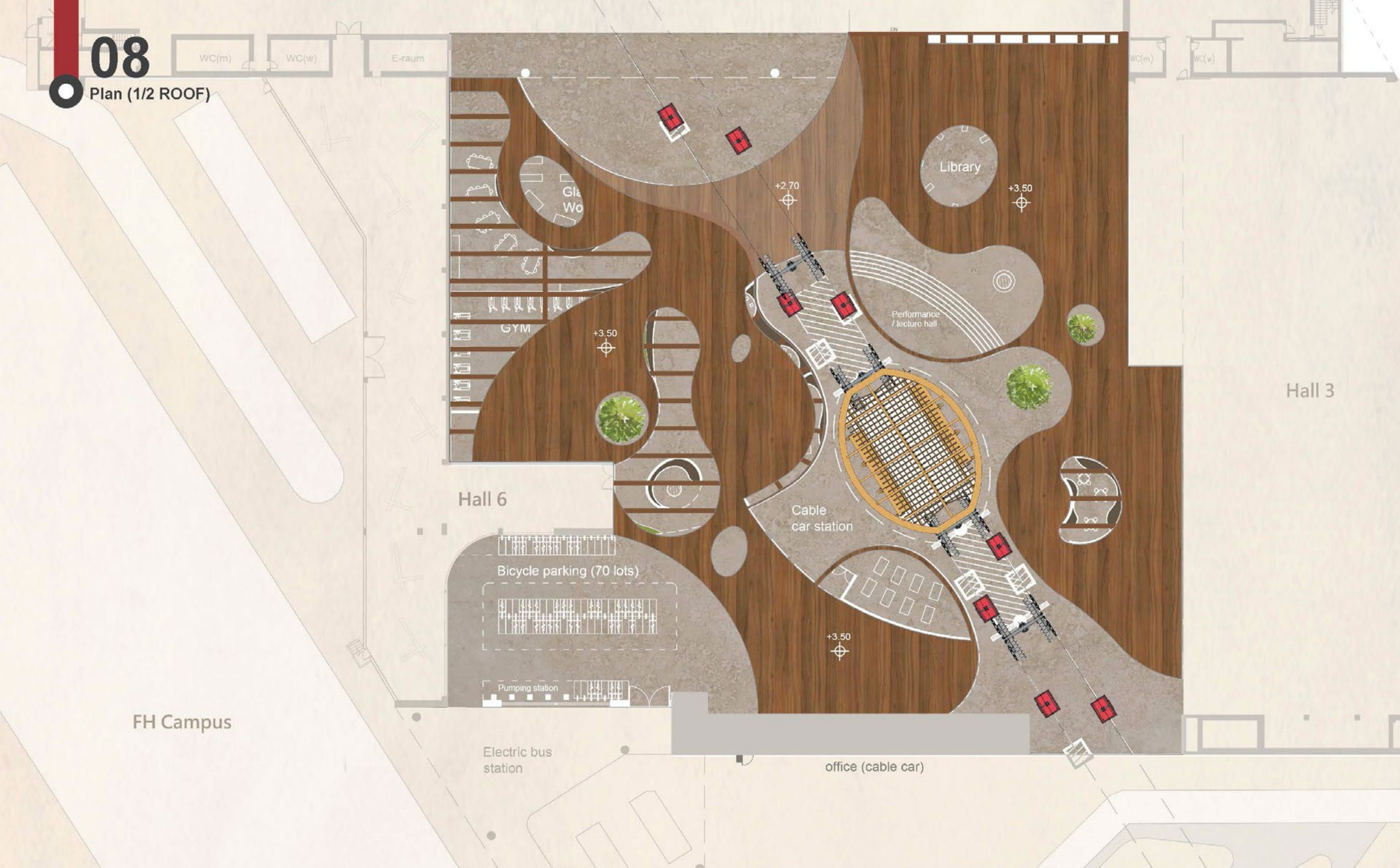
office (cable car)

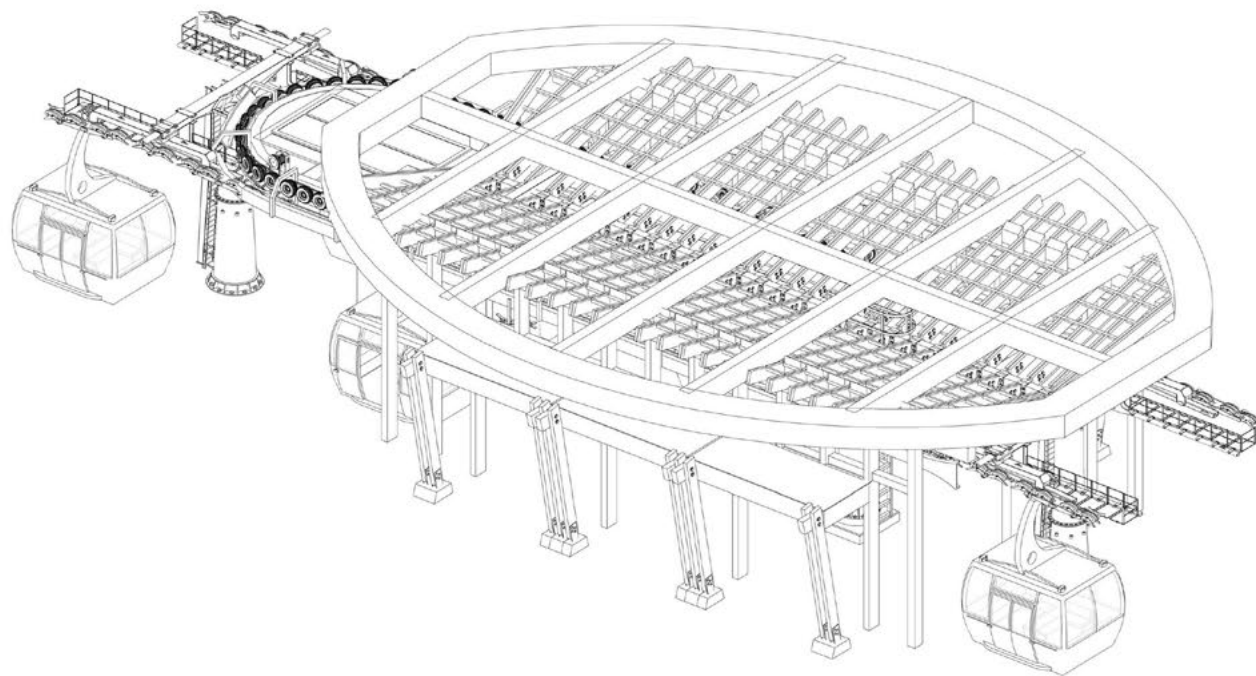
+2.70

+3.50

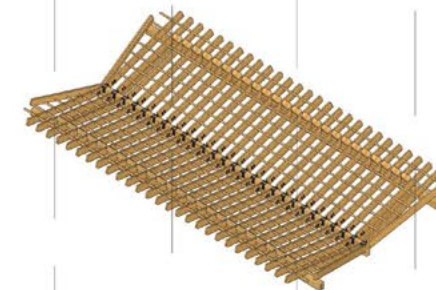
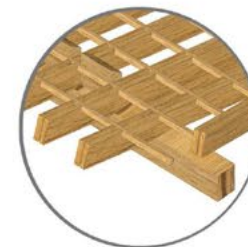
+3.50

+3.50





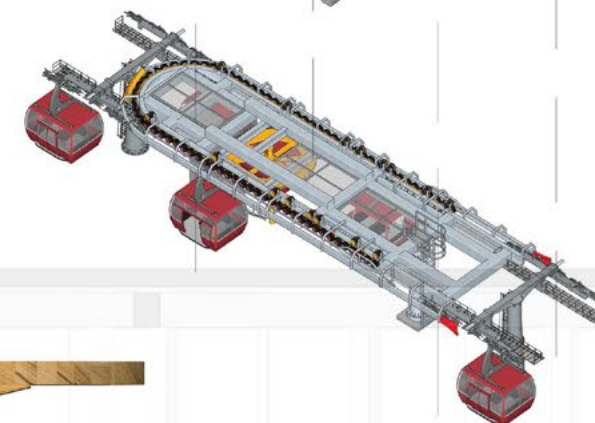
Roof



Top layer



Platform layer



Cable car system



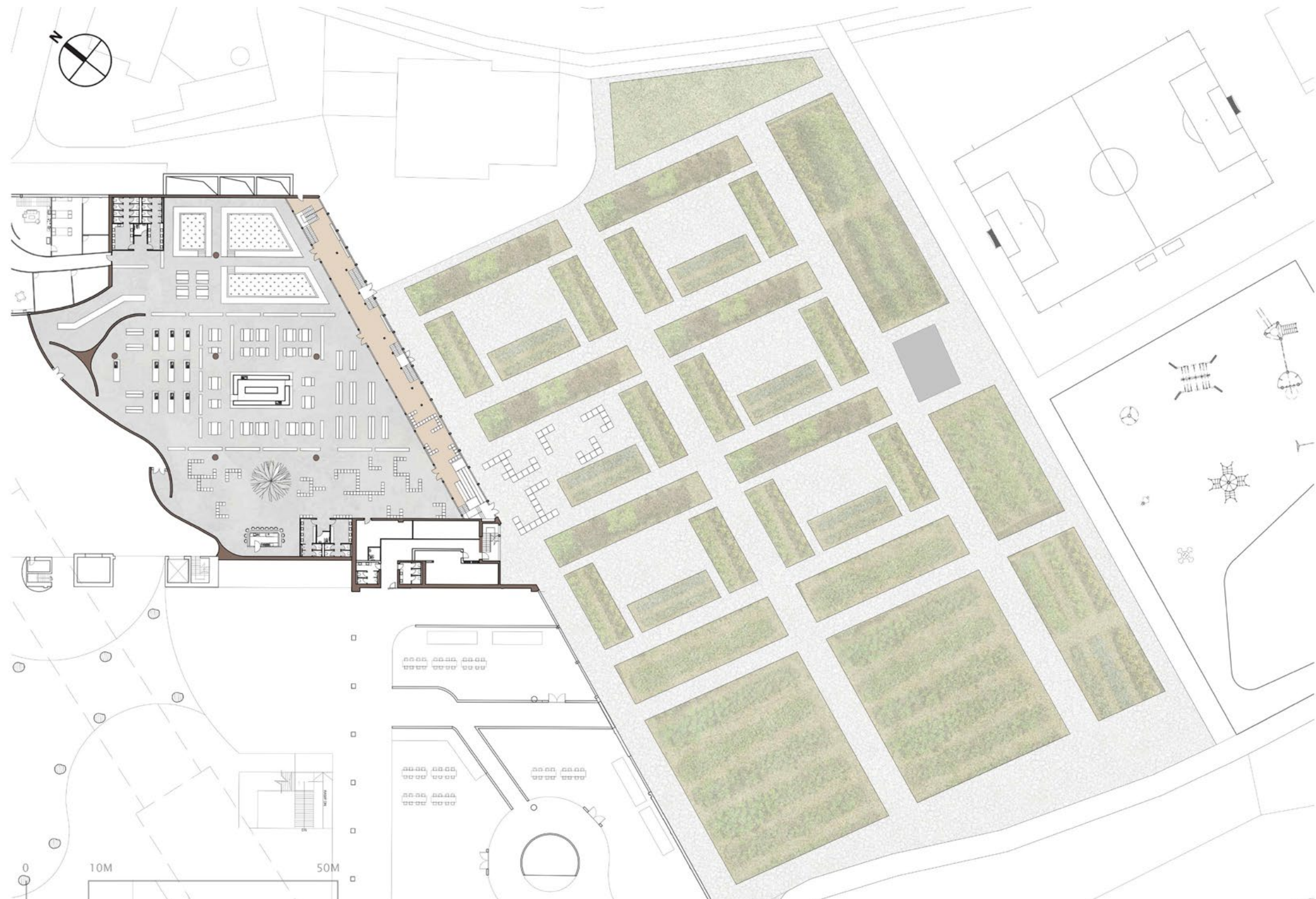
ADVANCED STUDIO LANDSCAPE: A NEW EUROPEAN BAUHAUS



- OVERALL ZONING -



- OVERALL FLOOR PLAN -



- SECTION A -



- PERSPECTIVE OF RICE LAB -



- PERSPECTIVE OF CANTEEN -



NEB SÄGENHALLEN DORNBIRN

student project

by Ani Khvedelidze

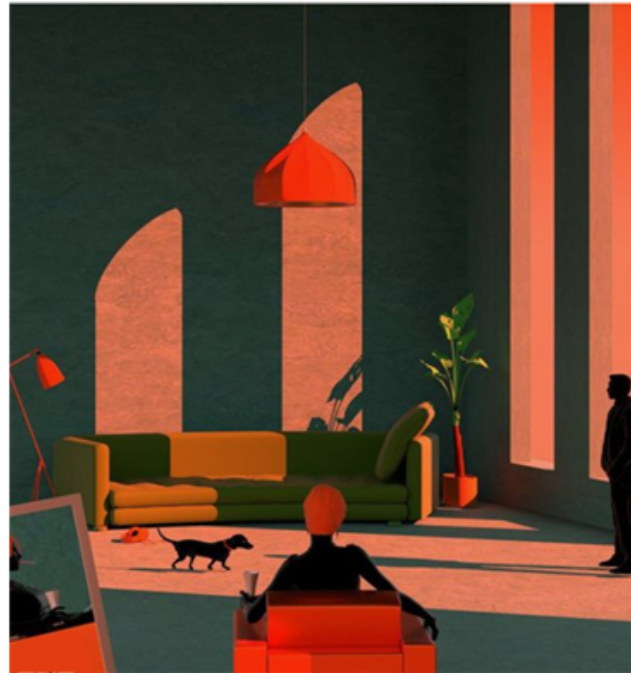
Masterplan: Akylbayeva DAna, Kiladze Luka & Raphael Basil

Supporting Industry To Innovate

- Education

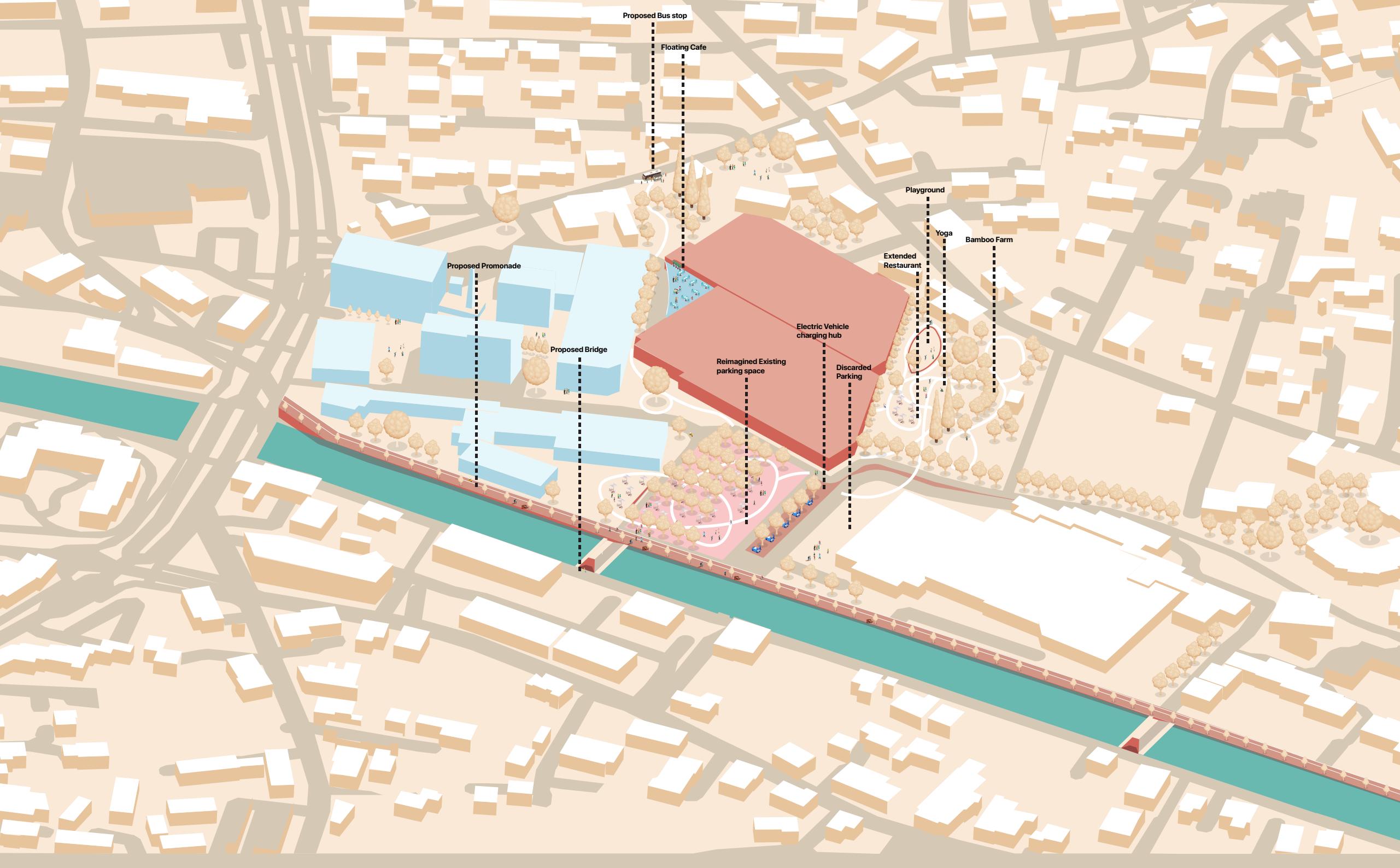


- Art



- Local Craftsmen





Proposed Bus stop

Floating Cafe

Playground

Yoga

Bamboo Farm

Extended Restaurant

Proposed Promenade

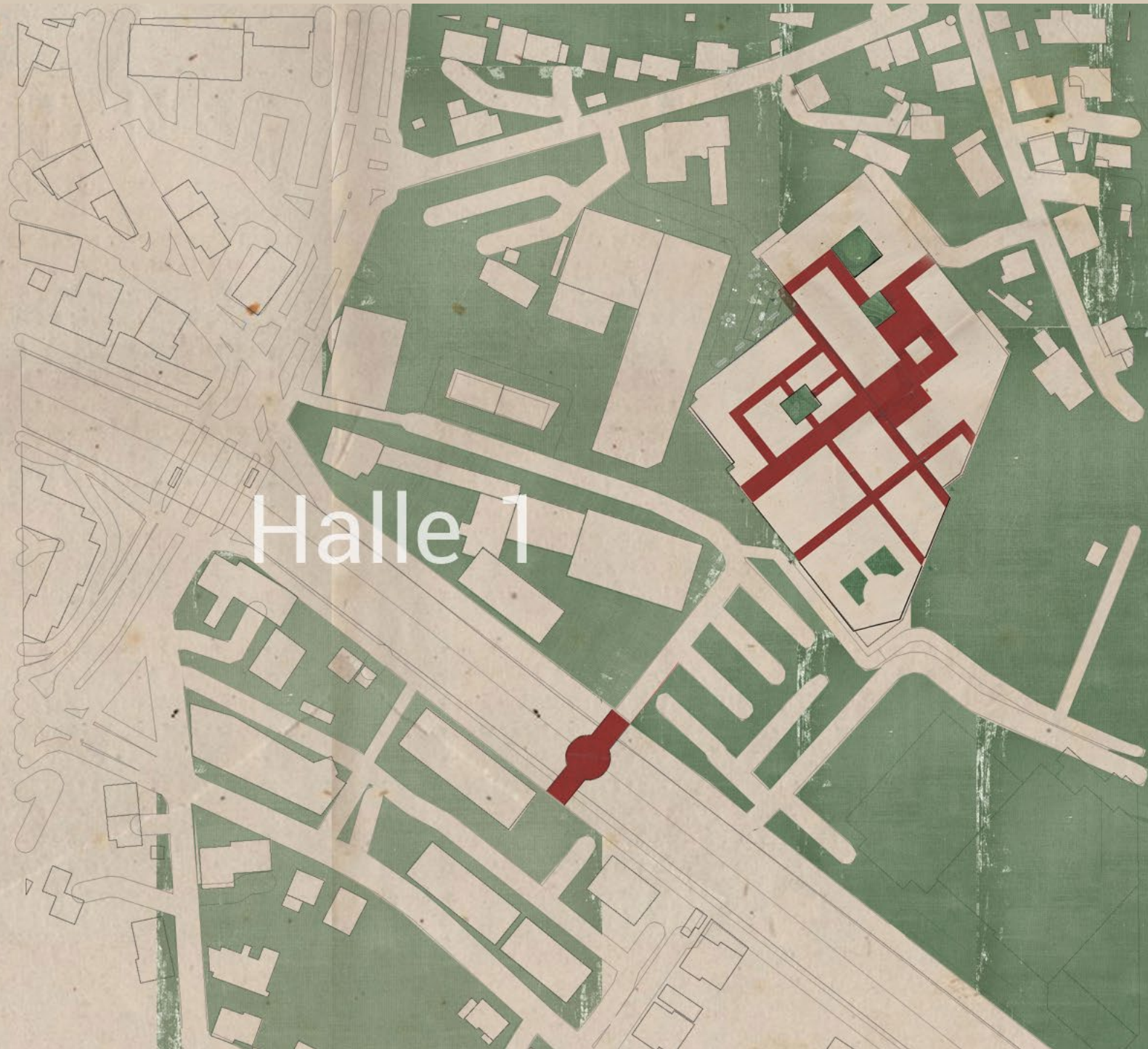
Proposed Bridge

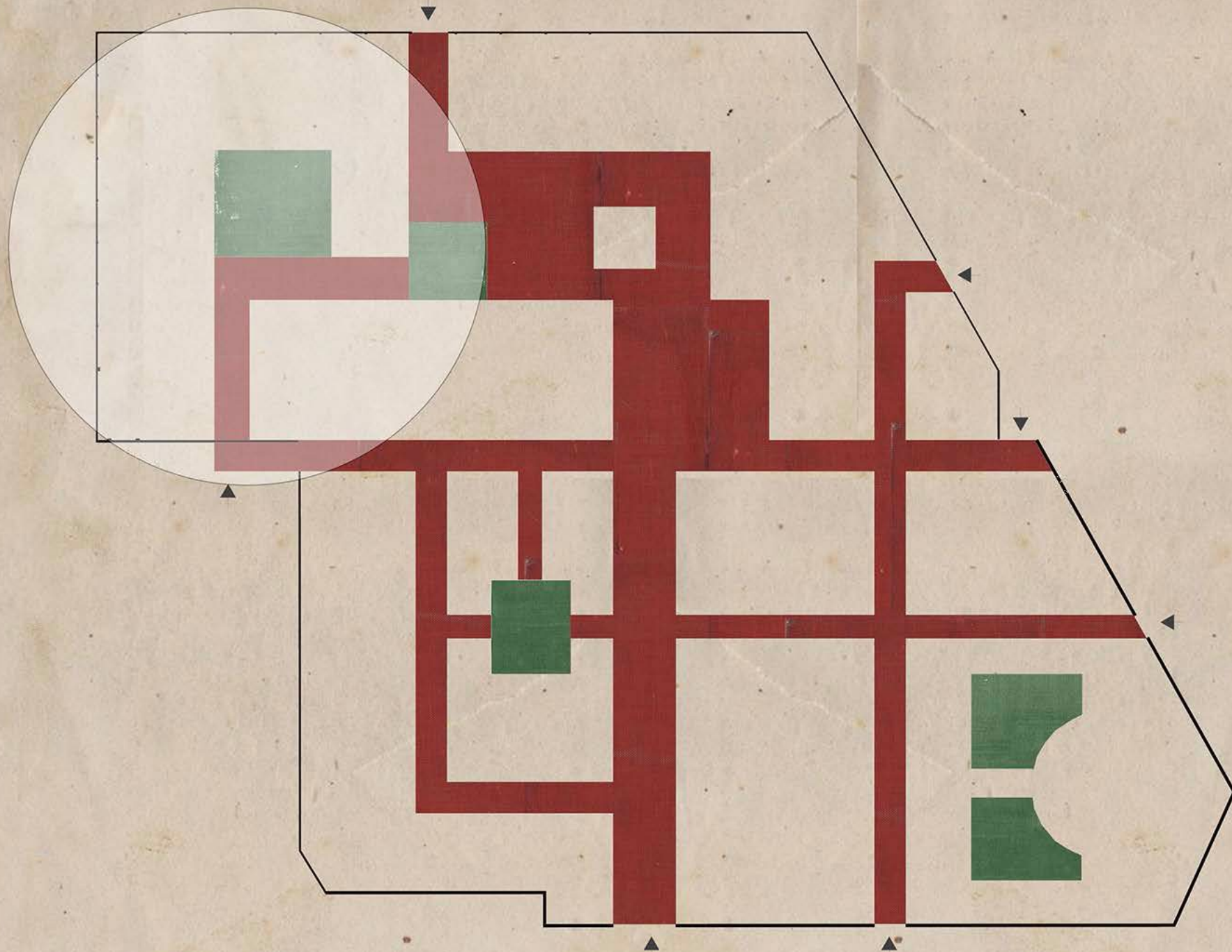
Electric Vehicle charging hub

Reimagined Existing parking space

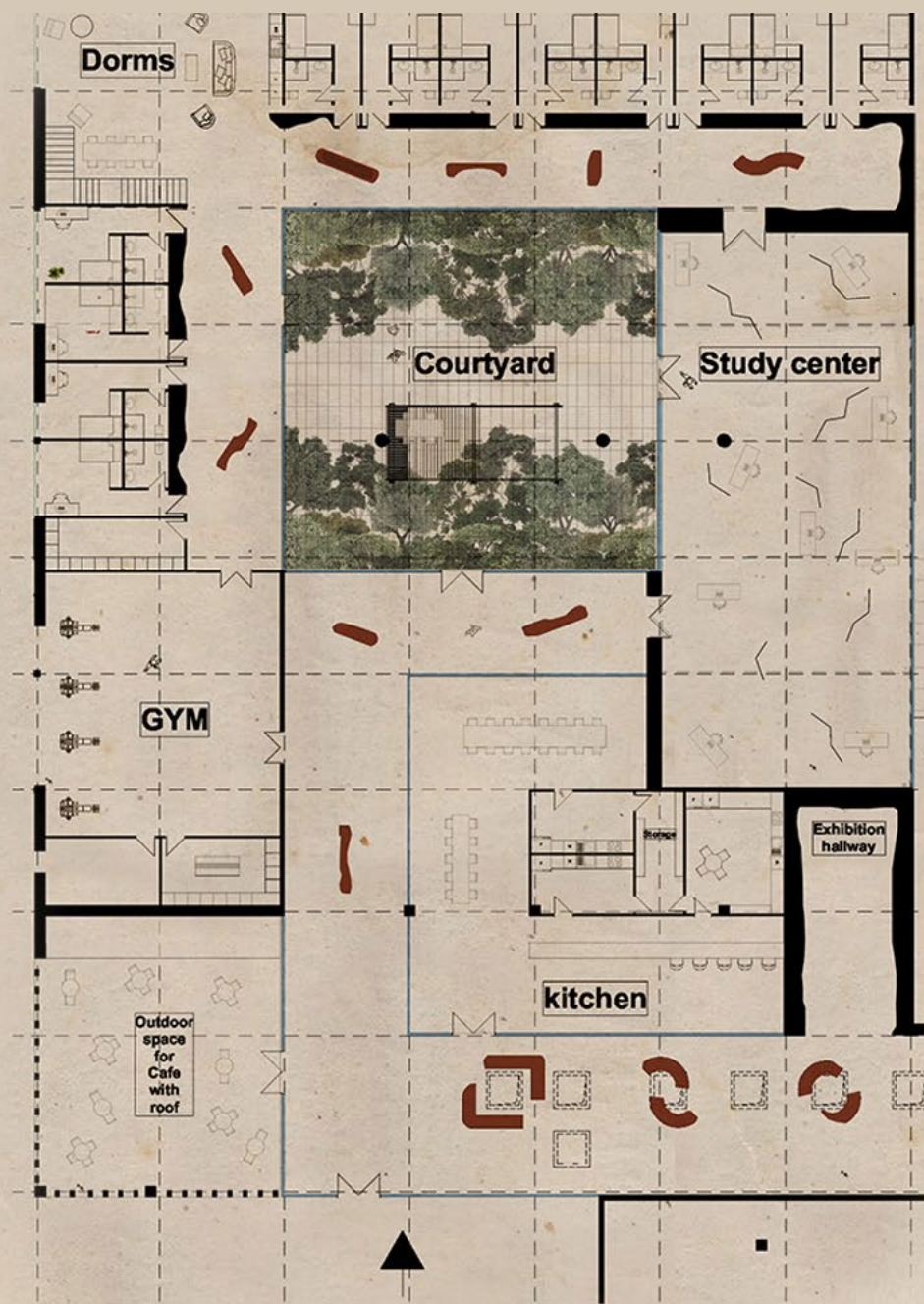
Discarded Parking

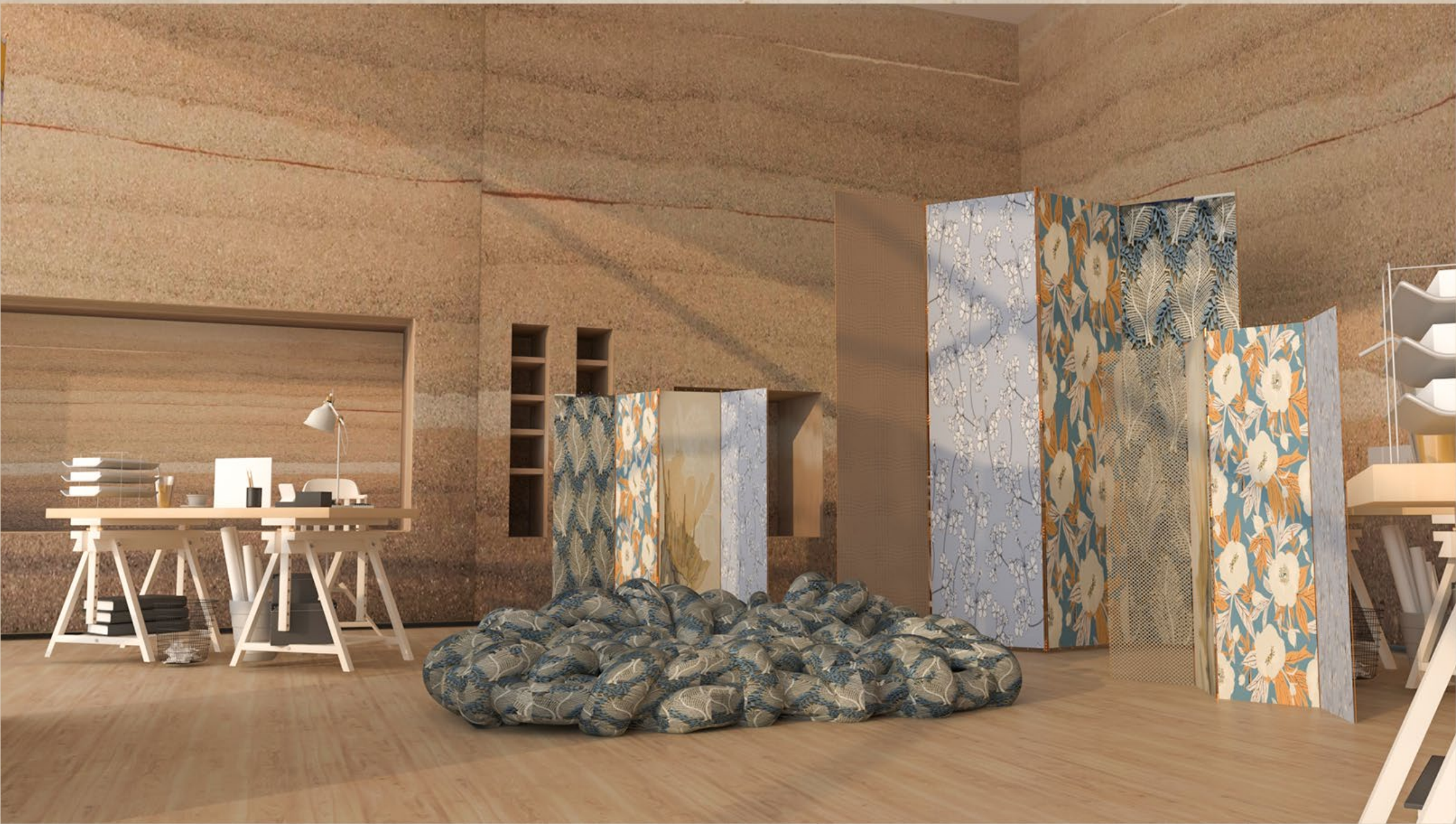
Halle 1





FH





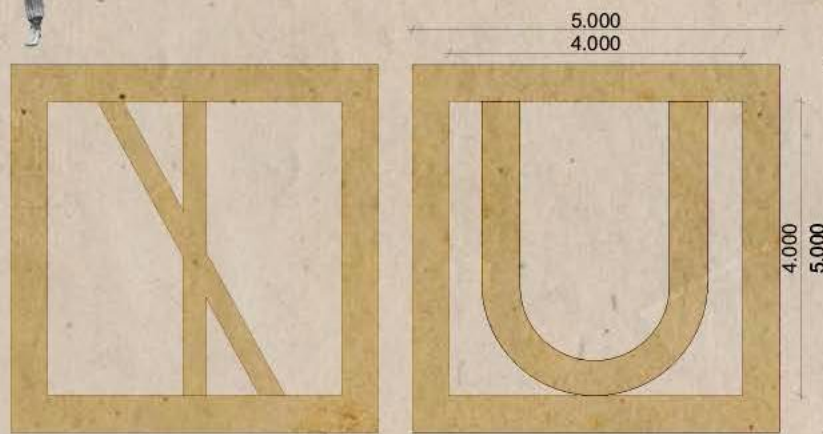
One part is obsessed with arts, love and poetry





Window

Life is much more successfully
looked at from a single window



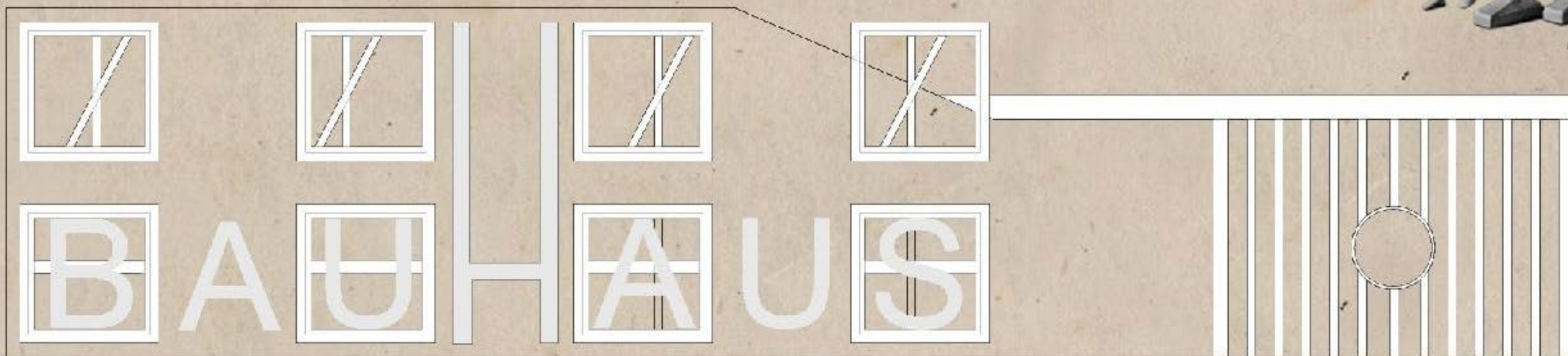


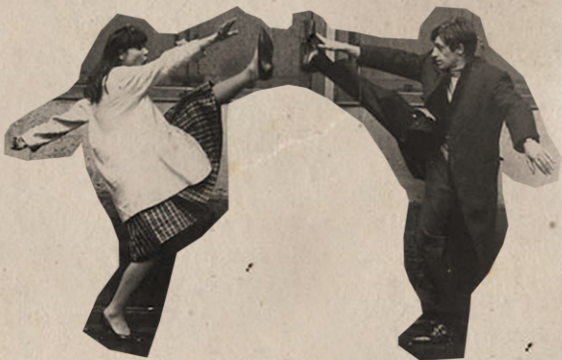
↓ +12.00

↓ +7.00

↓ +3.50

↓ ±0.00





A NEW EUROPEAN BAUHAUS

AWARD

ROSANA PROJECT
by Anna HERINGER

PURE WALLS
by ERDEN

WINNER



Solutions for the co-evolution
of built environment and nature



ROSANA
GERMANY

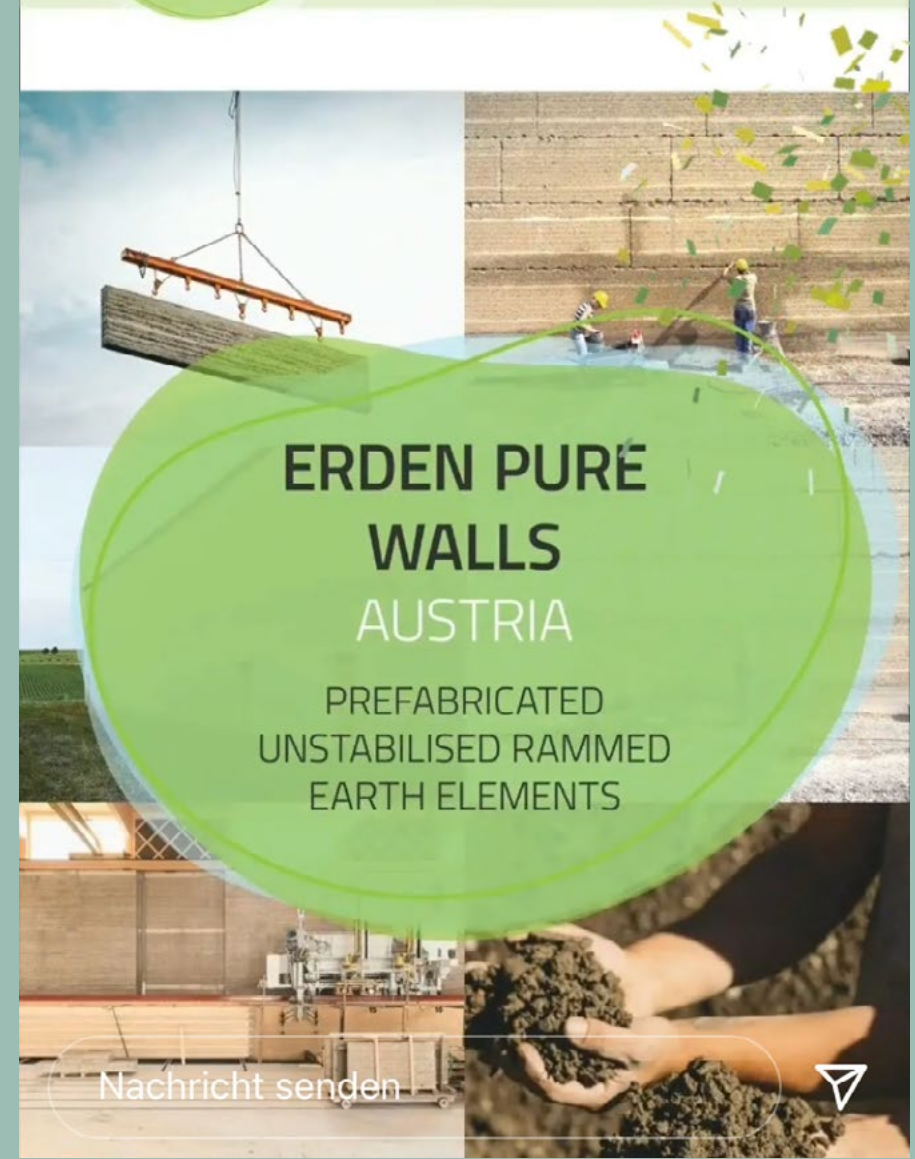
GUESTHOUSE FOR PEOPLE
SEEKING STRESS RELIEF

Nachricht senden

WINNER



Techniques, materials and processes
for construction and design



**ERDEN PURE
WALLS**
AUSTRIA

PREFABRICATED
UNSTABILISED RAMMED
EARTH ELEMENTS

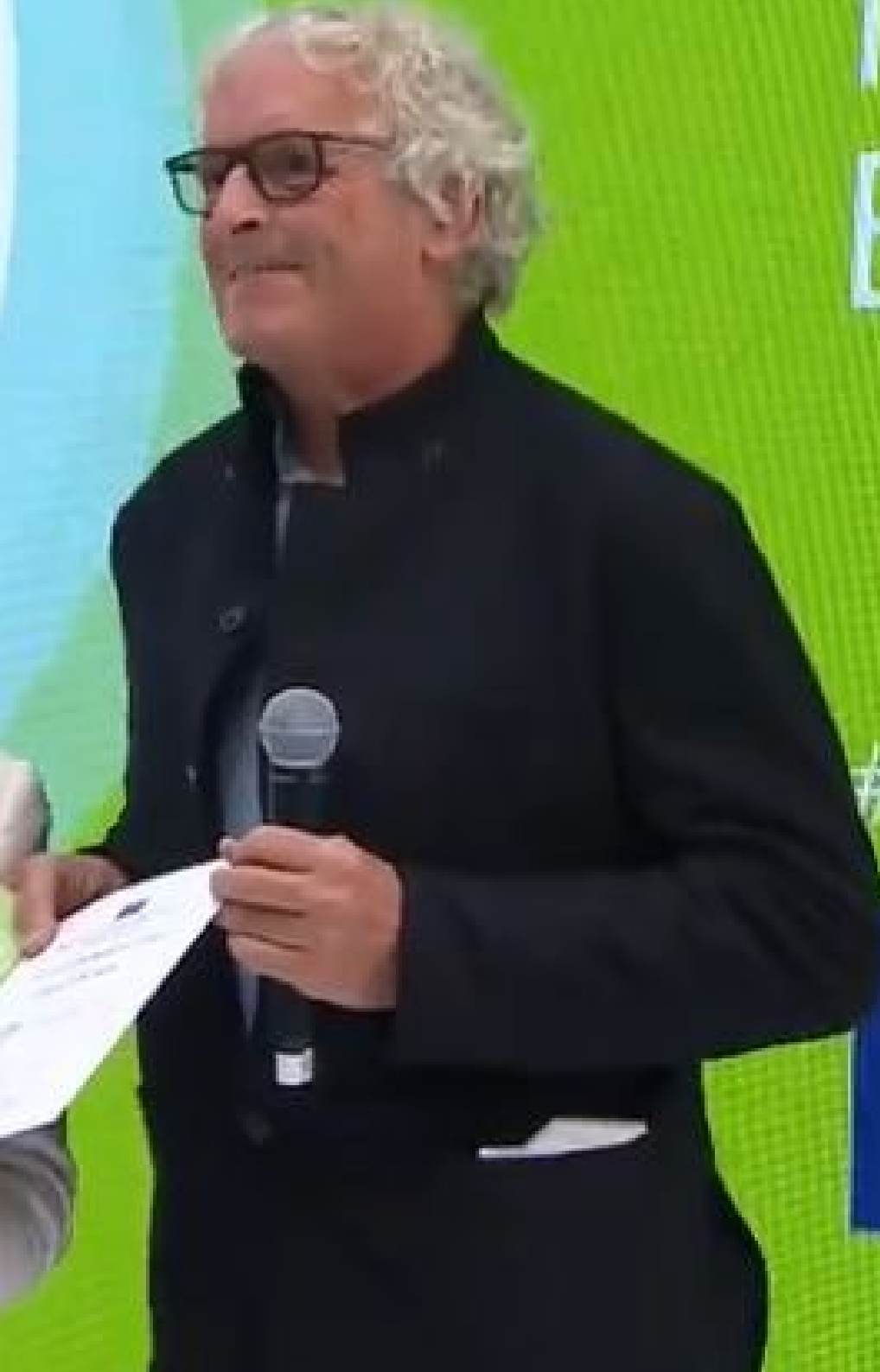
Nachricht senden

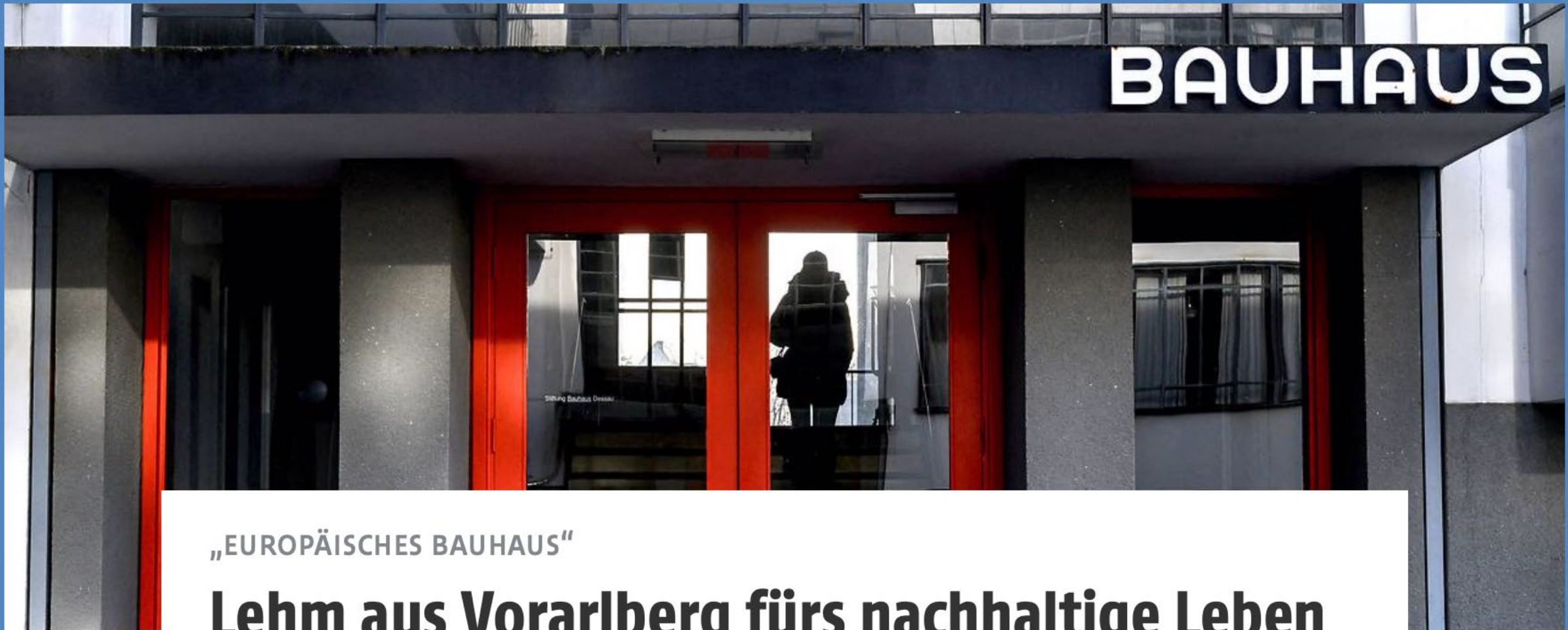


PRIZES

NEW BAU

#NewEu





„EUROPÄISCHES BAUHAUS“

Lehm aus Vorarlberg fürs nachhaltige Leben

Mit dem Großprojekt „Europäisches Bauhaus“ werden Innovationen in Design, Nachhaltigkeit und Technologie aus der ganzen EU zusammengetragen. Nichts weniger als „eine neue kulturelle Bewegung“ zu gründen ist das Ziel – analog zur legendären Weimarer Kunst- und Denkschule. Ein Leitbild gibt dabei eine Vorarlberger Firma vor, die eine in Vergessenheit geratene Bauweise wieder zum Leben erweckt.

A NEW EUROPEAN BAUHAUS

at CampusVäre

CONCLUSIO

FORM FOLLOWS CRAFT



Learning from the building culture Vorarlberg

Craftsmanship is about the producer is taking responsibility for the whole process:

- > procurement of materials**
- > fabrication, delivery**
- > installation and**
- > maintenance of the work**

FORM FOLLOWS RESOURCES

- ★ support alternative materials as earth and wood: a perfect match
from carbon neutral production to socially fair implementation - earthen structures can have a vital impact on climate change and social justice

- > In line with the European Green Deal
- > 100% recyclability
- > less concrete more earth

- ★ how can rammed earth construction become more affordable / upscaling

FORM FOLLOWS COLLABORATION

- ★ We can not drive change alone – together we are stronger.
- ★ Making building a social experience / process is just as important as the outcome
Allow participation in building processe
- ★ Making know-how more accessible and inclusive cross borders.
- ★ to empower the next generation to lead the change by teaching and building up mutual values for sustainability.

THE POTENTIAL OF THE CAMPUS VÄRE AS NEB HUB?



THE POTENTIAL OF THE CAMPUS VÄRE AS NEB HUB?

All ingredients
are there!

>Let's use them

JOIN IN OUR CONVERSATION



Anna Heringer: www.anna-heringer.com



Clarissa Rhomberg



Studio A New EU Bauhaus