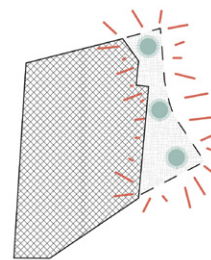


From Backside to **FRONTROW**



Activation of Vyhovskoho's potential Backside

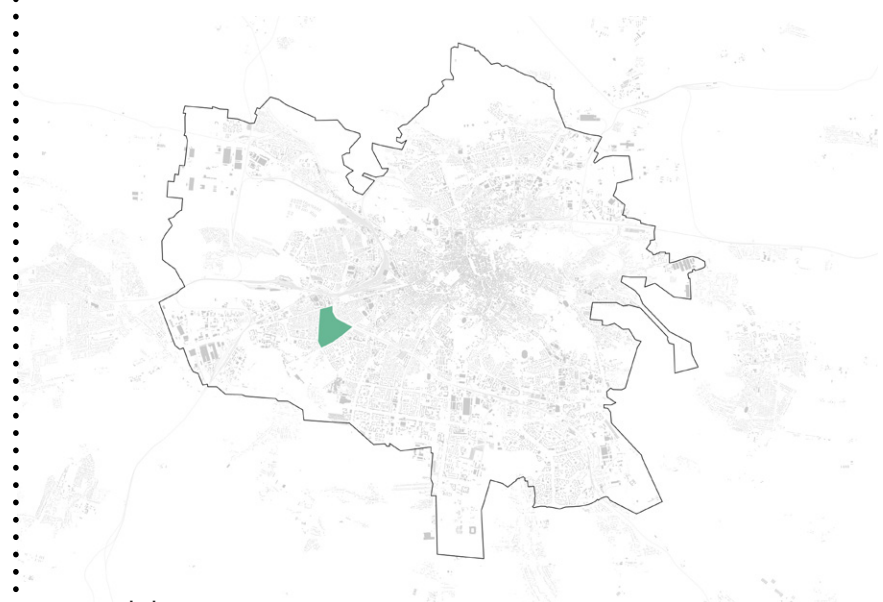
PROJECT AREA ANALYSIS



Ukraine



Oblast and City Lviv in the Ukraine



Lviv and the Project Site

Project Overview

Vyovskoho is an estate of prefabricated houses which was built in the 1960s and is located in the western part of Lviv, Ukraine. It is characterized by monofunctional, rationalized housing units and vast, unregulated outdoor spaces. However, there is a neglected and undeveloped area within the site that we called Vyovskoho's "backside". Hence, our main purpose was to activate this hidden potential and to inject a new identity to the site.

In order to achieve this goal, we believe that it is crucial to shift the bus station towards the train station and to connect these two important components of public transportation. As a result, an urgently needed, multifunctional public

space will emerge. This space must be open for everybody so that acts of commoning, but also antagonism, can ever happen. Additionally, a new pedestrian and bicycle path alongside the train tracks is part of the project to improve the connection between the new development and the single house structure in the East. In fact, the train tracks will be transformed from a physical and mental barrier into a formal guiding principle and an open space with unexpected qualities.

Second, the space around the church must be reorganized. This can be achieved through a new creative neighborhood structure, which does not only contain the old garage and workshops,

but also offers a surplus value for the whole community by adding public functions like a café or flexible workspaces in the ground floor area.

Finally, it was also a crucial aspect of our project to improve the existing buildings by adding a new layer to the façade to enhance the quality of living for all inhabitants and to make the access to all units barrier-free. Moreover, it was important that the New Habitat of our project does not only stand in a physical relationship with the heritage, but also in a social one. Thus, several community spaces will ensure social exchange between the residents of the heritage buildings and the residents of the New Habitat.



Project Area and Connections



1 Train Station



2 Quality of public green



3 Garages & informal Workshops



4 Existing public green & unused areas with potential for public green



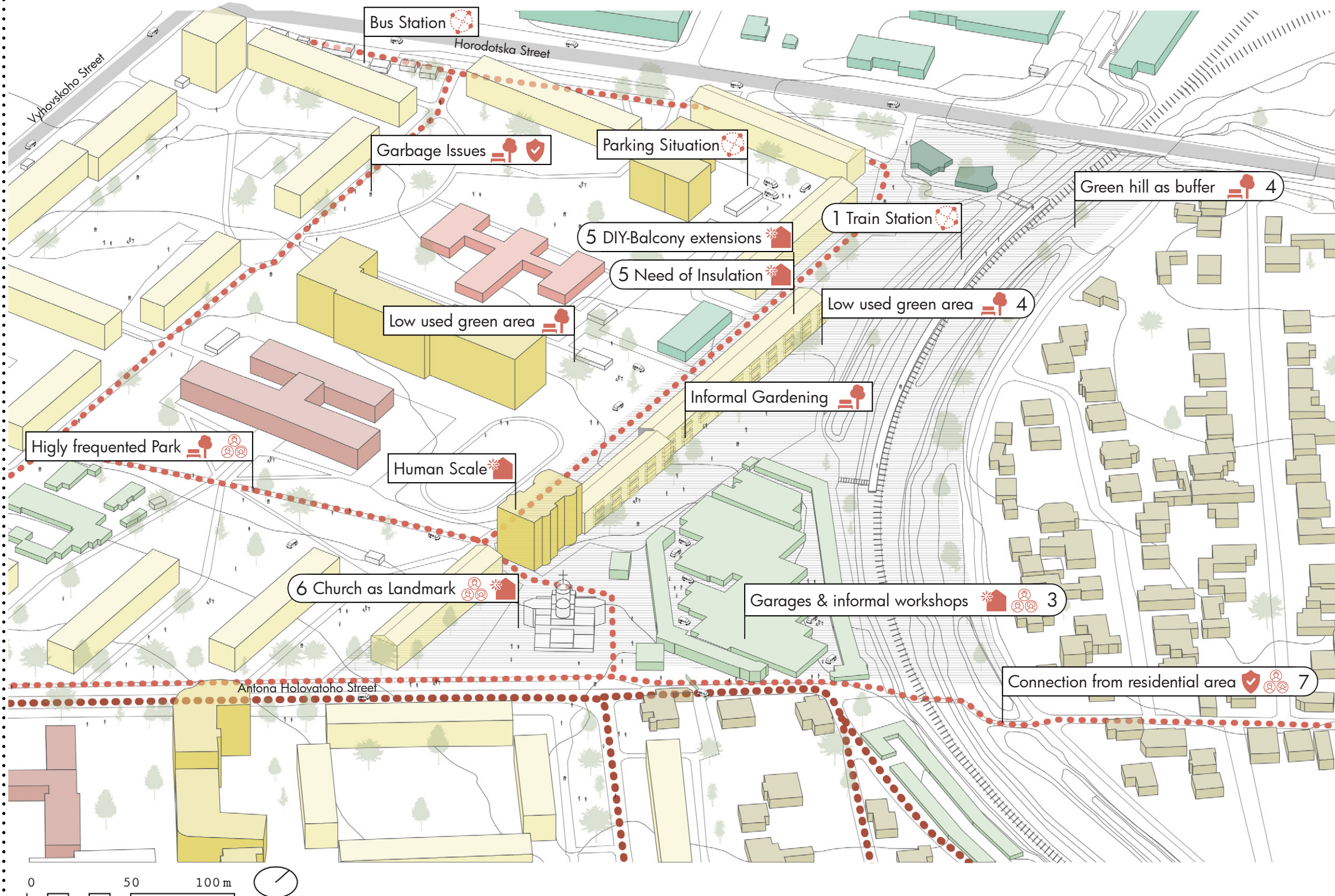
5 DIY-Balconies & Gardening



6 Church as Landmark



7 View and connection from residential area



Building Typologies

- Prefabricated dwellings from the 60's - "Chruschtschowka"
- Recently added dwellings
- Village Structure - singel Houses
- School
- Kindergarden
- Garages & informal Workshops
- Industrial Use & Office
- Restaurants

Existing Connections

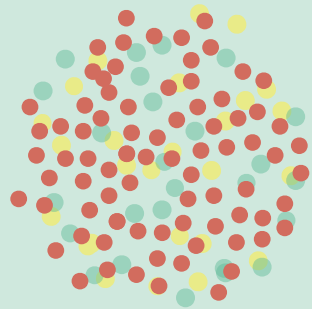
- Pedestrian Paths
- ... Residential Roads
- Main Road
- ||||| Train Tracks

Emerging Topics

- ⊙ Mobility
- ⊙ Quality&quantity of public space
- ⊙ Heritage of existing buildings
- ⊙ Culture & Community
- ⊙ Safety

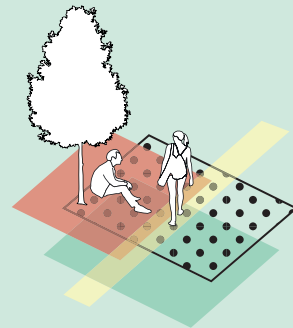
CONCEPT

GOALS



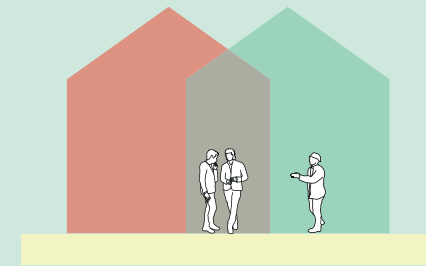
Increase urban density

- > City of short distances
- > Guarantee local supply
- > Less cars needed



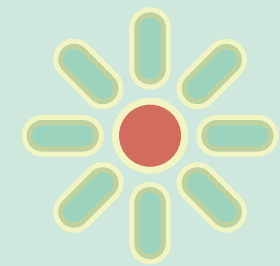
Create a mix-used environment

- > Create job & leisure opportunities
- > Create diverse urban & public spaces



Provide affordable & decent living

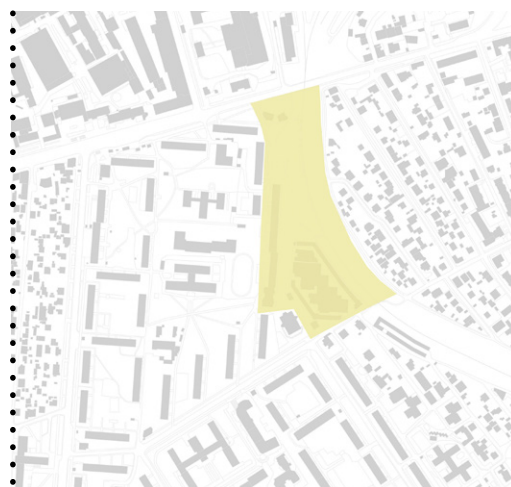
- > Participating processes
- > Rethink property ownership



Activate values of the site

- > Use creative potential of the inhabitants
- > Large amount of unused spaces
- > Potential of reusing | recycling
- > Increase identification with the site

CONCEPT STEPS



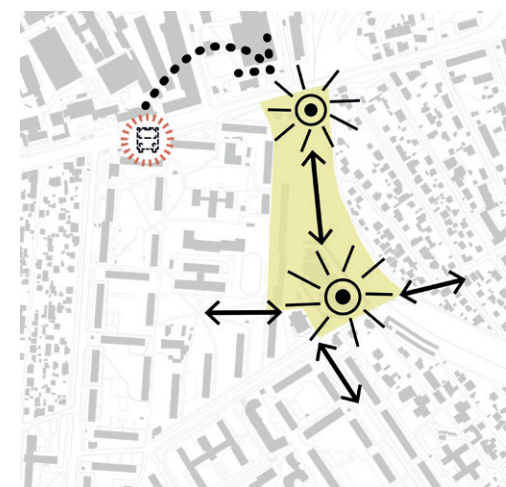
①

Definition of the potential area for interventions



②

Most important urban components of the site (Icons) and existing pathways.



③

Shift of the bus station towards the train station, activation of the two node points and connections with surroundings



④

The activation of the node points lead to a new path way system and the four projects

Existing pedestrian paths

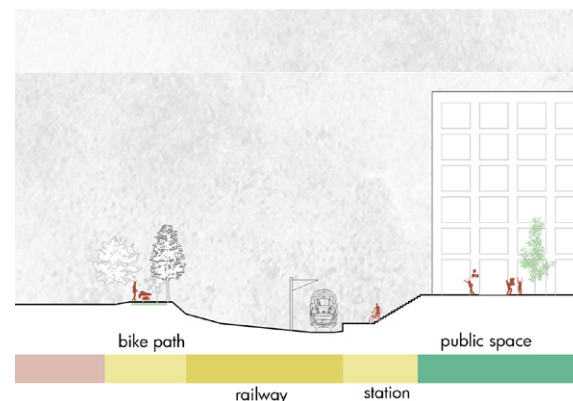
Existing road network

New paths

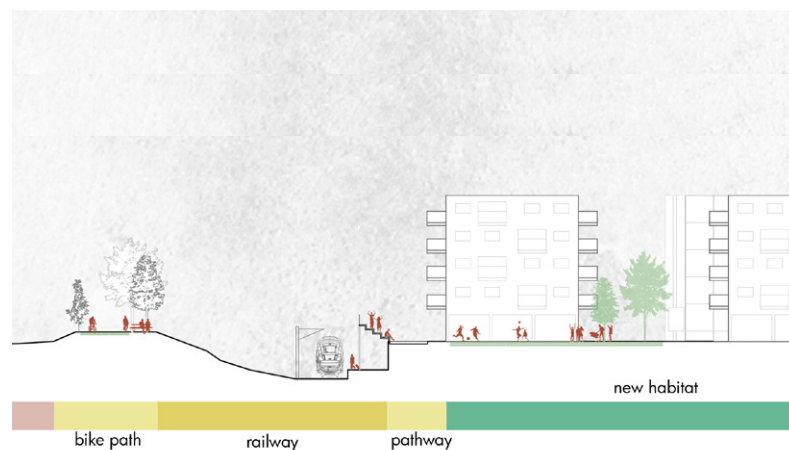
Main points of Intervention

Potential area for intervention

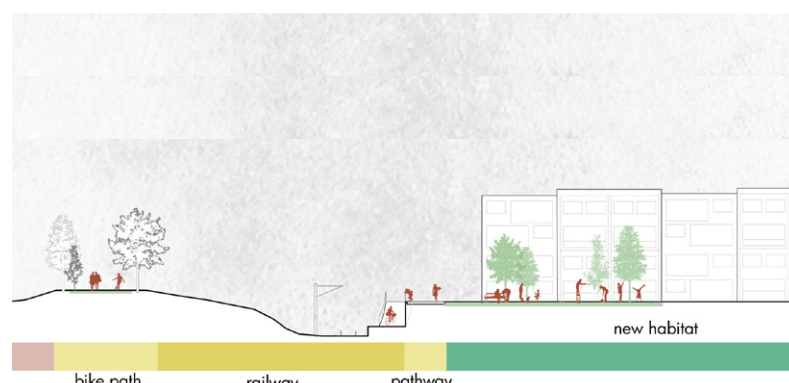
MASTERPLAN



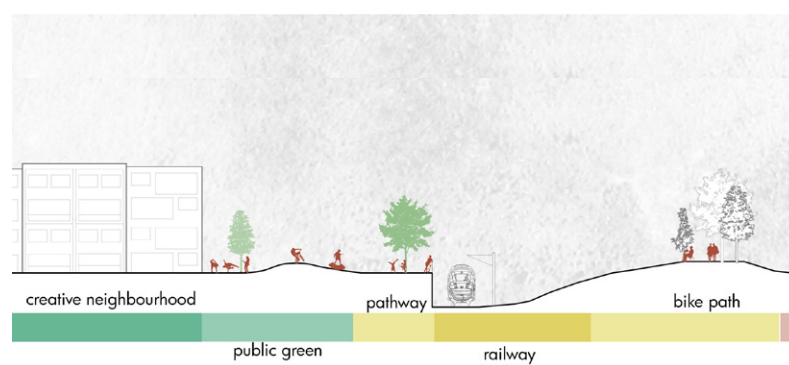
1. Section Train Station & Public Space



2. Section Sport Zone and Bike Path



3. Section Nature Zone and Bike Path

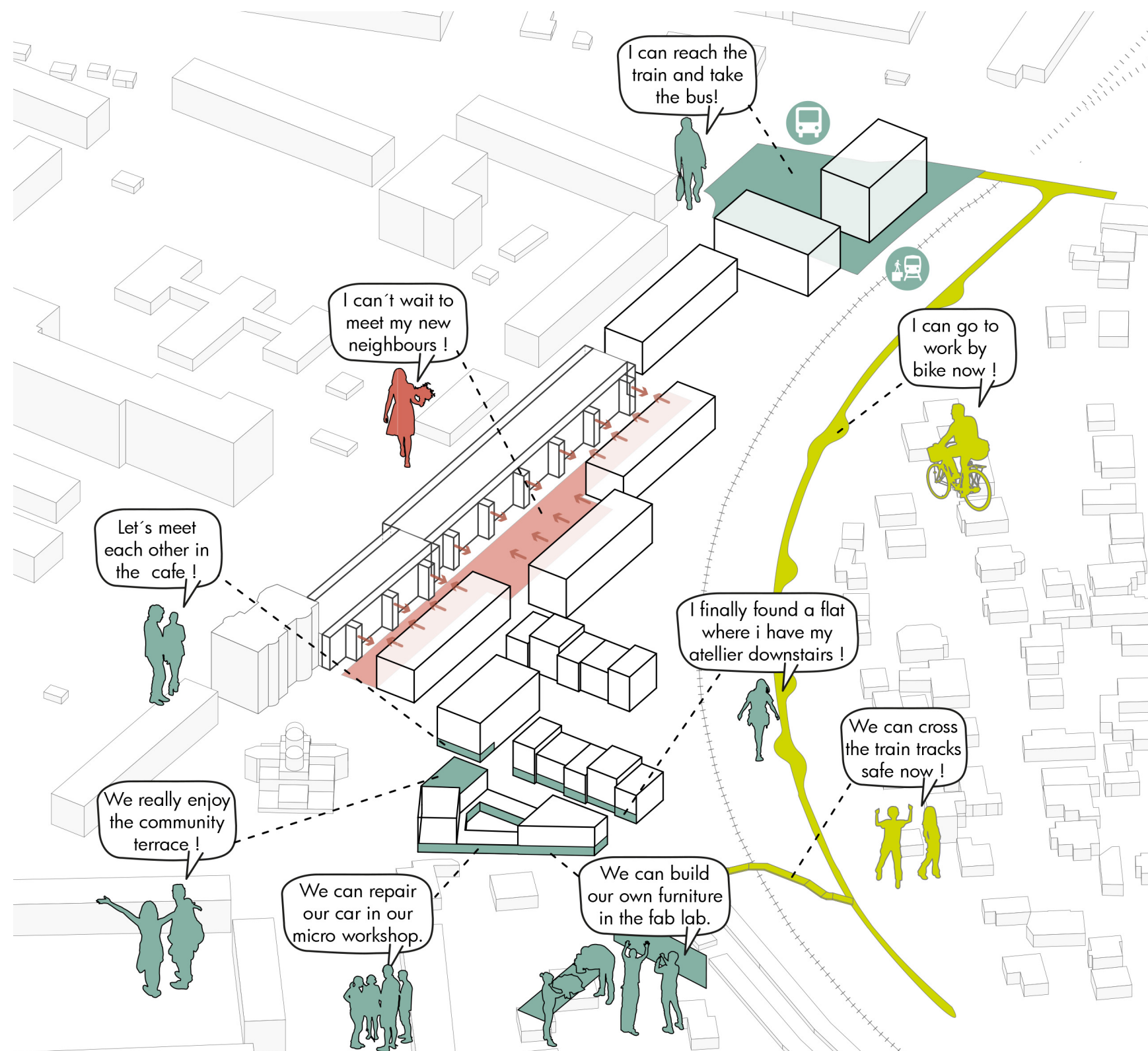


4. Section Fun Zone and Bike Path

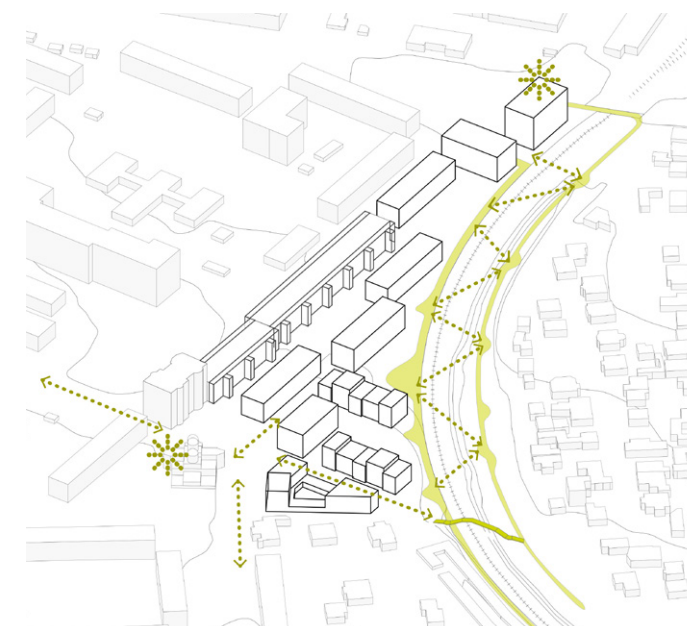
SECTIONS
RELATION OF TRAIN AND FRONTROW



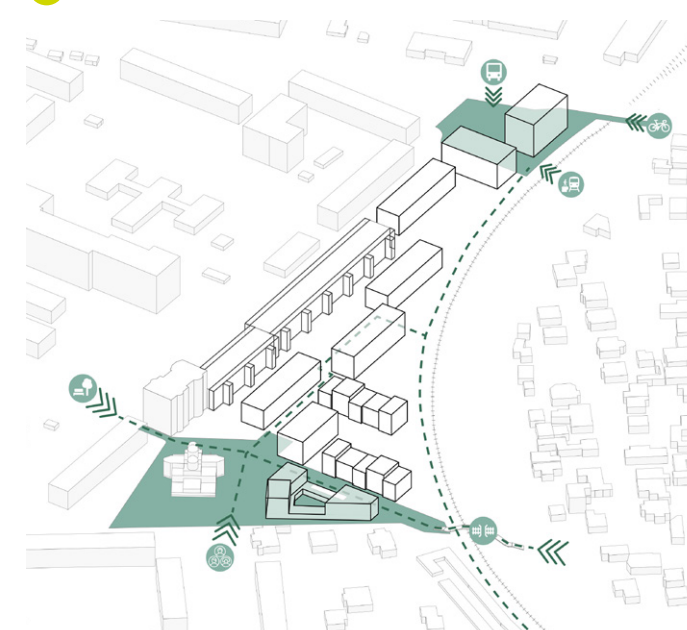
SPATIAL ORGANISATION



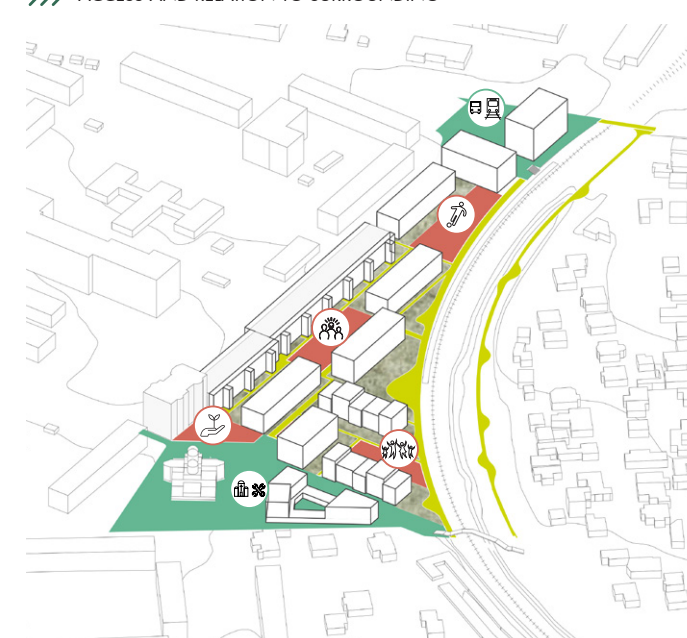
 BENEFITS FOR BOTH INHABITANTS AND NEIGHBOURS



 VISUAL RELATIONS AND LANDMARKS

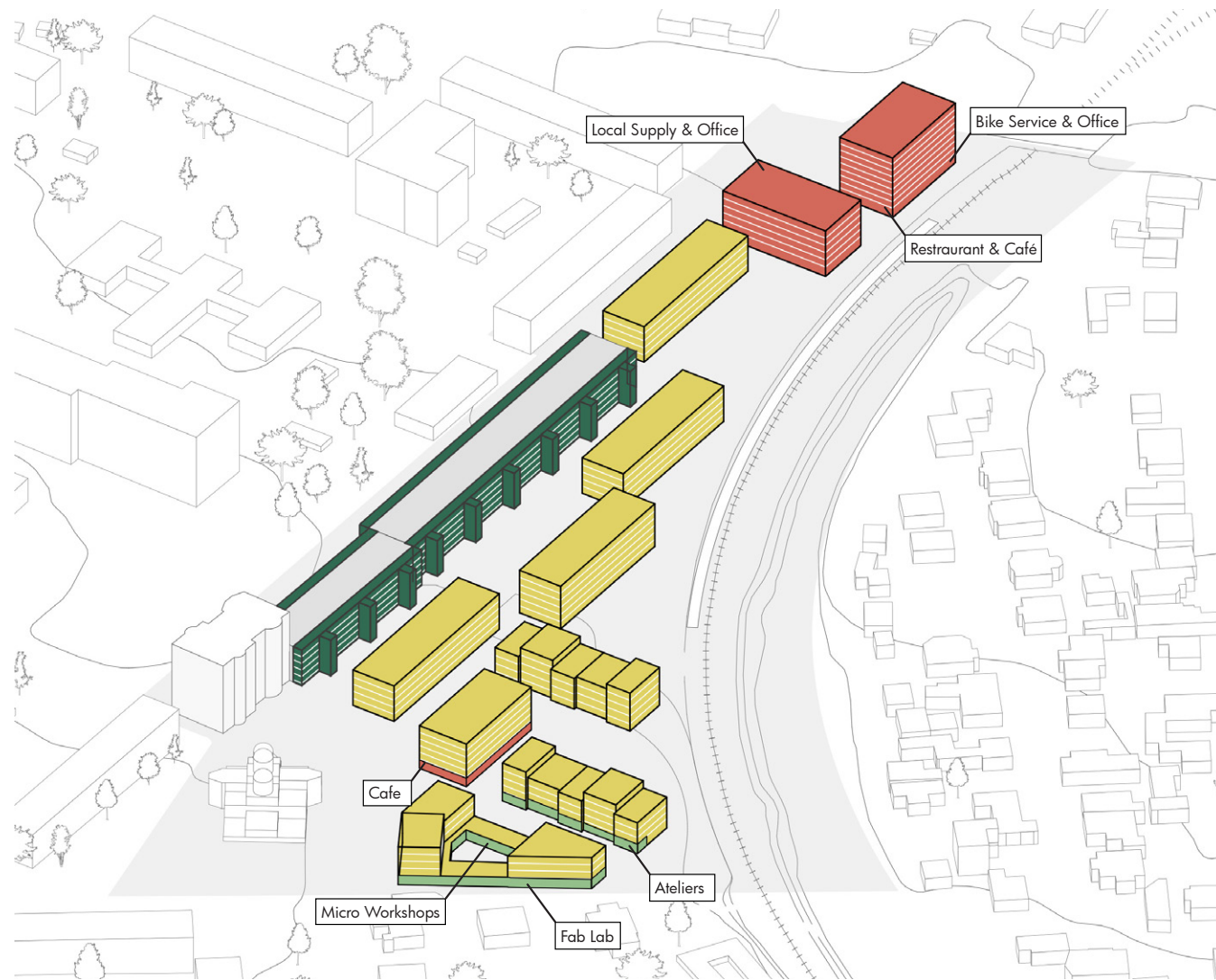


 ACCESS AND RELATION TO SURROUNDING



 SPATIAL ORGANISATION OF OUTDOOR SPACE

FUNCTIONS



- Workshops & Ateliers
- Living
- Heritage Building Extension
- Public Functions

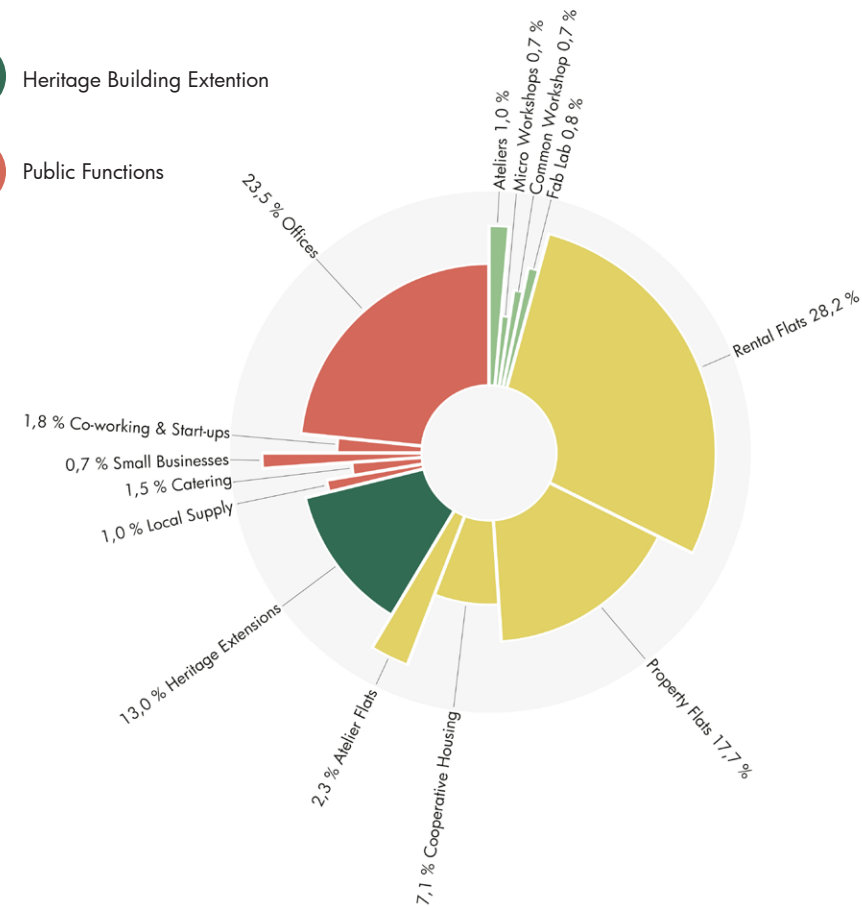


Diagram of Building Functions in Percentage

Facts & Figures

Gross Floor Area	49.820 m ²
Area of the Plot	33.080 m ²
Floor Area Ratio	1,5

Workshops & Ateliers (1.030 m²)

Ateliers 330 m² (8 Units)
 Micro Workshops 230 m² (8 Units)
 Common Workshop 220 m² (1 Unit)
 Fab Lab 250 m² (1 Unit)

Living (18.140 m²)

Rental Flats 9.240 m² (127 Units)
 Property Flats 5.380 m² (68 Units)
 Cooperative Housing 2.330 m² (44 Units)
 Atelier Flats 740 m² (8 Units)

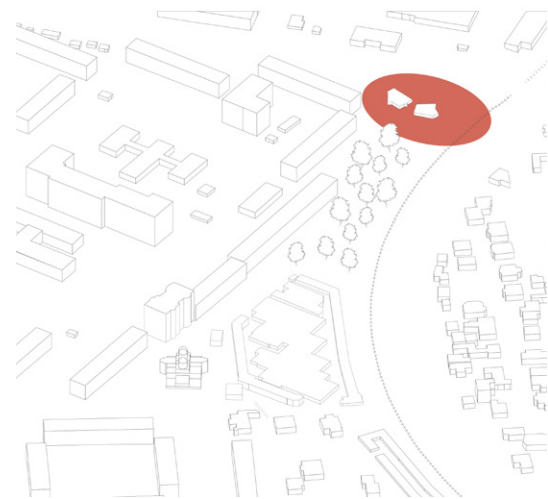
Heritage Buildings 4.300 m²

Extensions 4.300 m² (180 Units)

Public Functions 9.330 m²

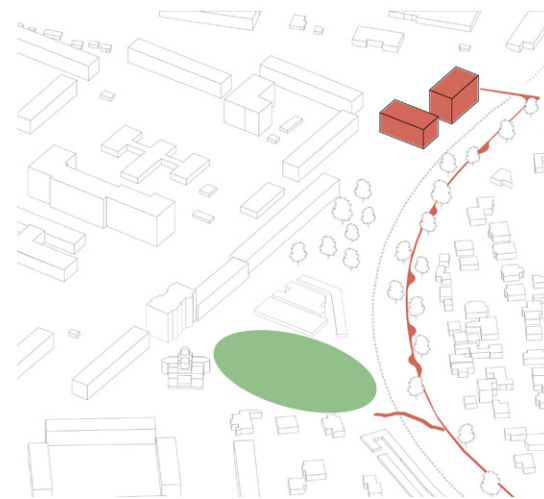
Local Supply 315 m² (1 Unit)
 Catering 475 m² (2 Units)
 Small Businesses 240 m² (2 Units)
 Co-working & Start-ups 580 m² (4 Units)
 Offices 7.720 m² (34 Units)

TIMELINE



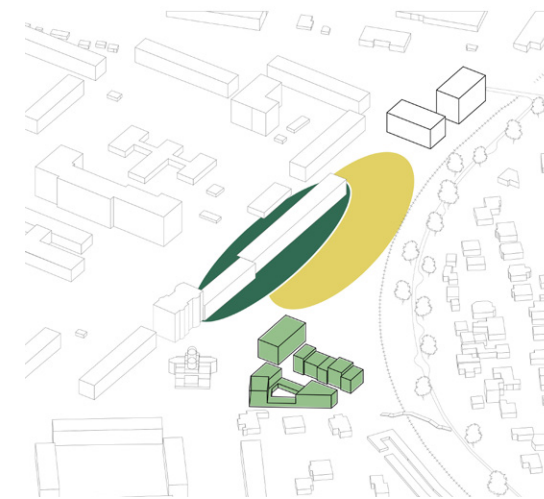
1 Activating Node Point 1

- € -> The city sells property to an investor with the constraint of an urban planning contract, which obliges the investor to provide public infrastructure and public transport
- 🚲 -> With the money, the city can afford the bridge and bike path



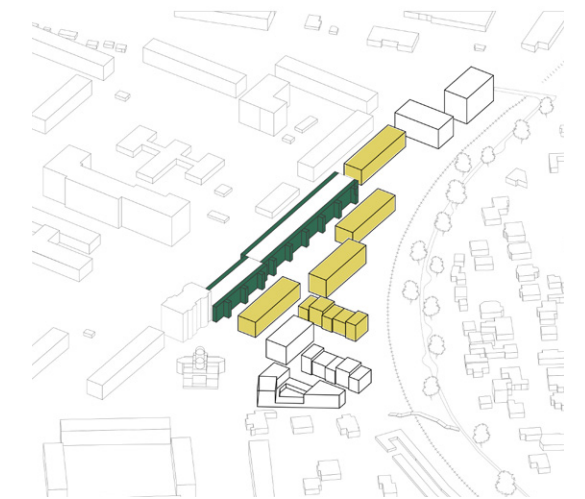
2 Activating Node Point 2

- 🏠 -> The first half of the garage structure will be demolished
- 🏠 -> Instead, a new housing structure with a wide range of ground-floor level functions will be built. Also, the church square will be upvalued.



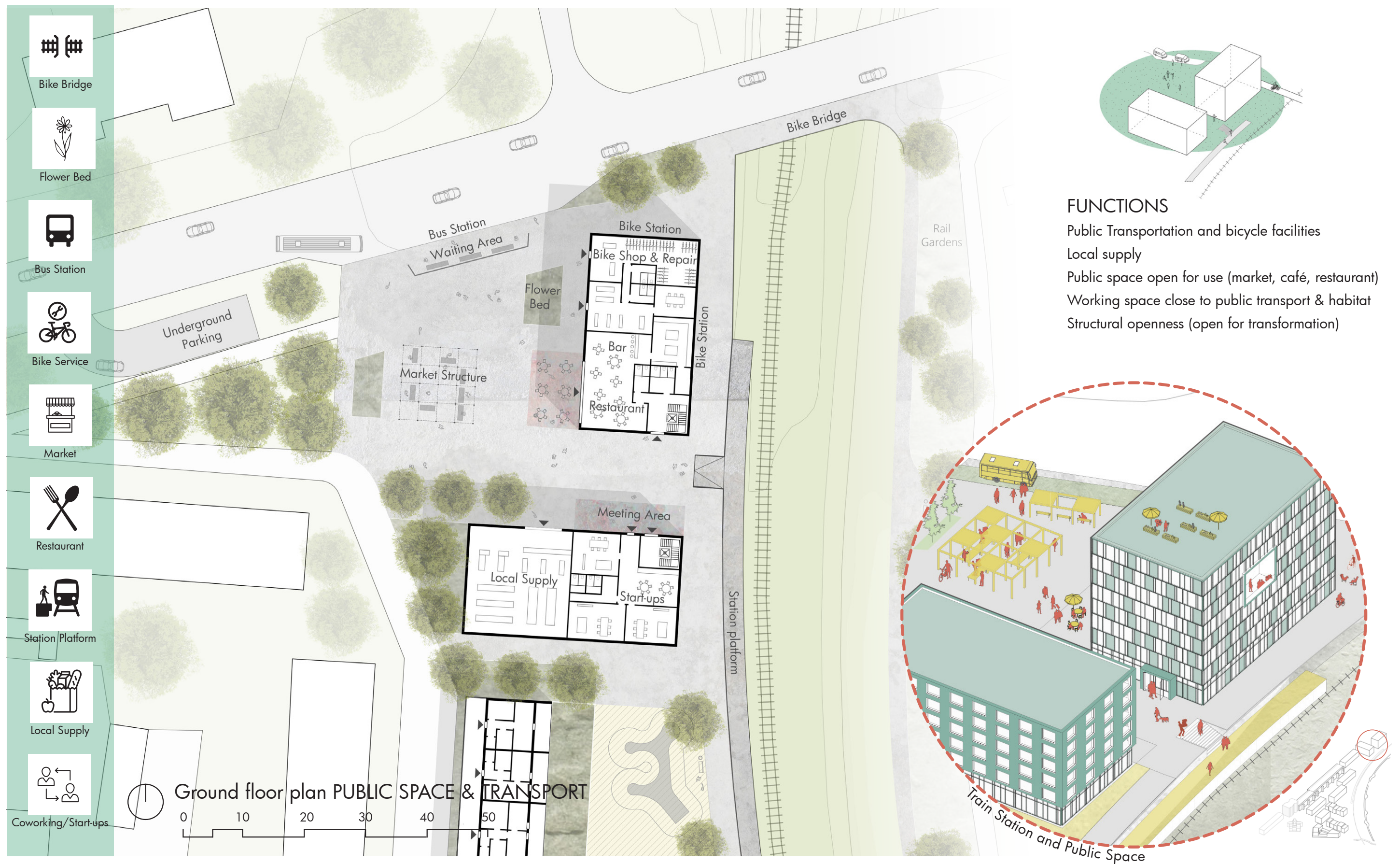
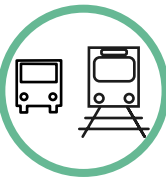
3 Merging Heritage Buildings and New Habitat

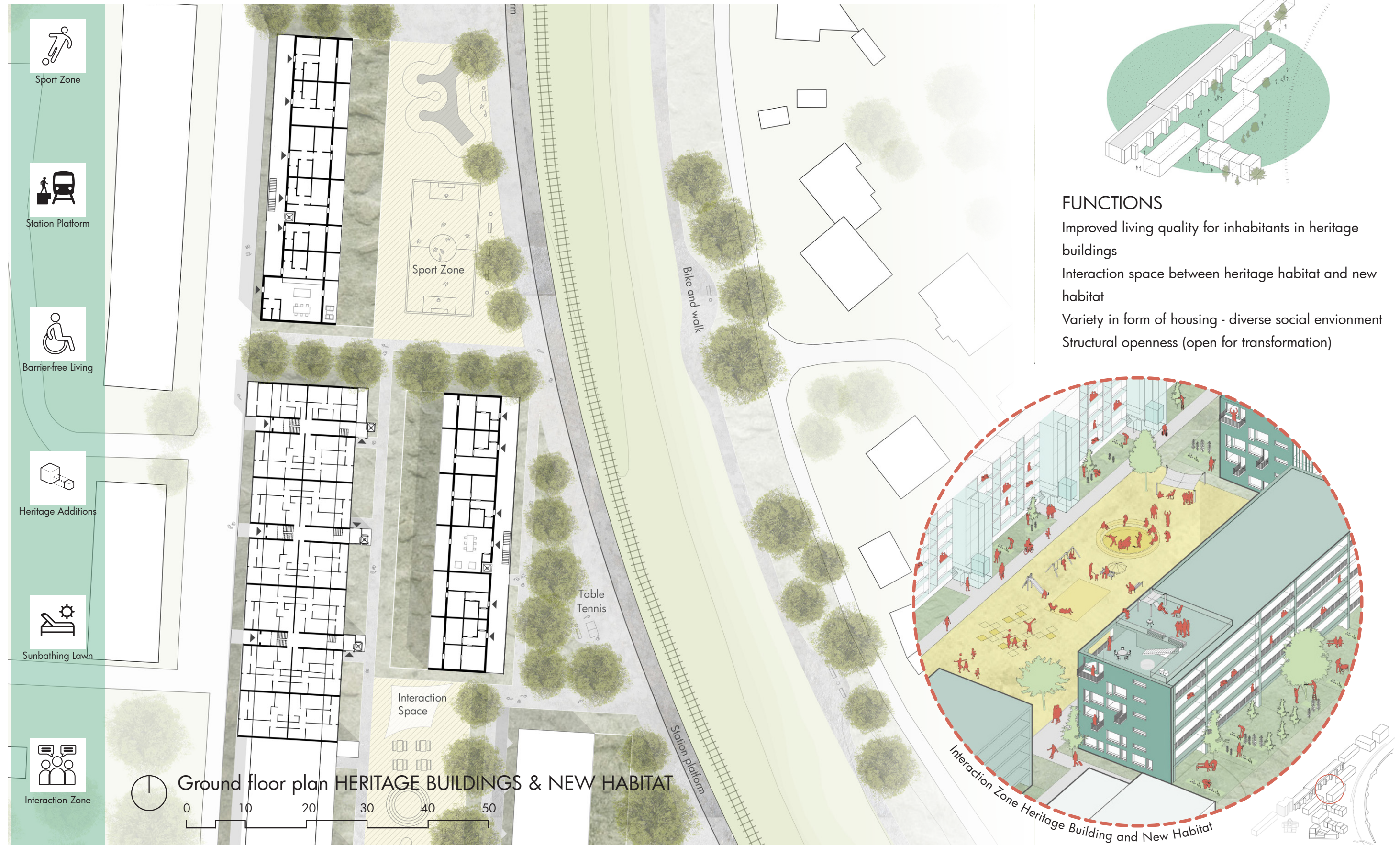
- 🏠 -> The second half of the garage structure will be demolished
- 🏠 -> The quality of the heritage buildings will be increased by adding a new layer on both facades
- 🏠 -> After that, the New Habitat will be built



4 The new Front Row is finished!

- 👤 -> The result is a userfriendly, mixed-use habitat
- 👤 -> It does not only benefit the inhabitants, but also has a great value for the people living nearby









Atmosphere
Public Space & Transport



Atmosphere
Creative Neighbourhood