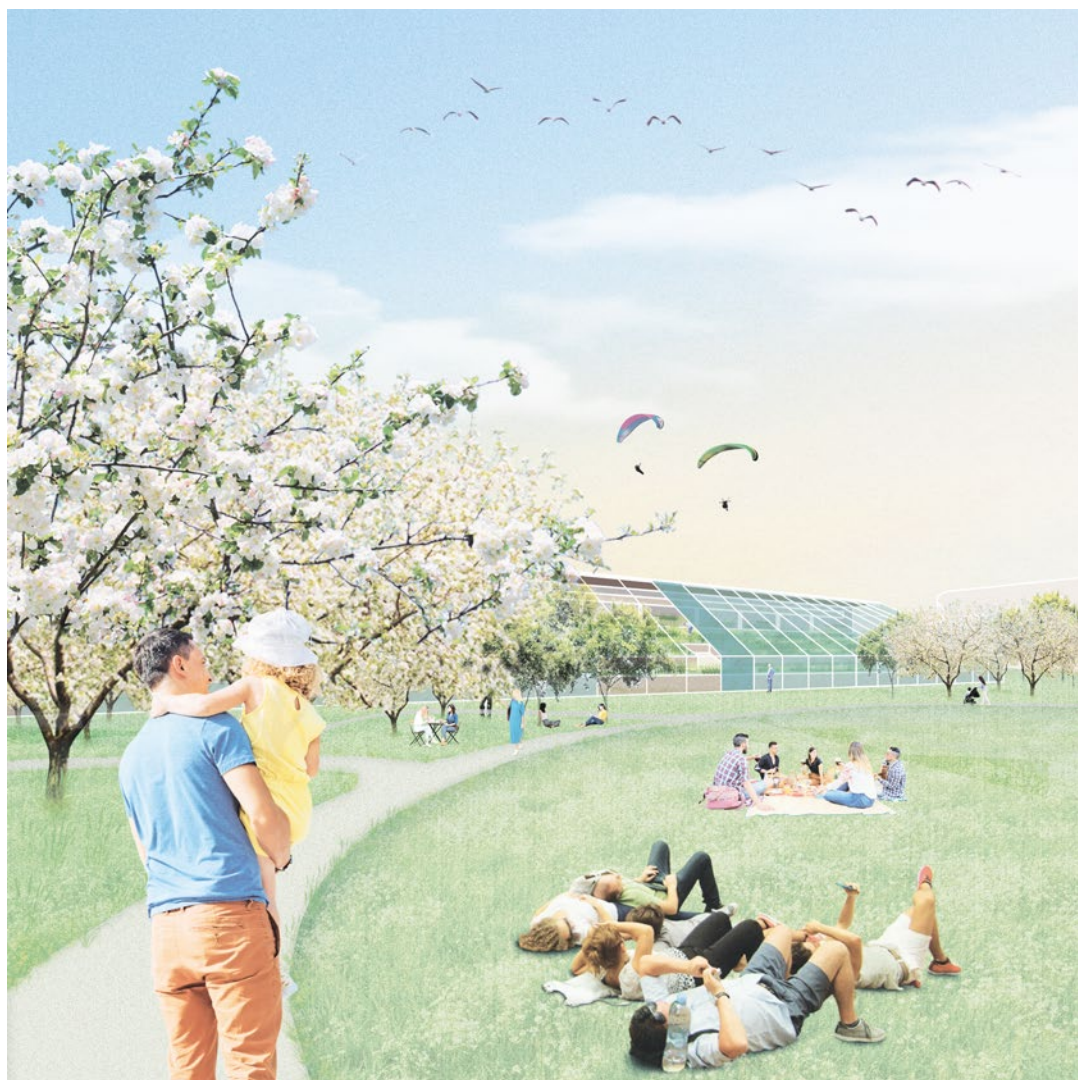


LET'S GROW STRAHOV

ATELIÉR KLOKČKA - ZDRÁHALOVÁ, ATU, LS 2021/2022

CARMEN JANSEN OP DE HAAR, EVELIINA KUNNATON, NINA SARKISOVA



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1.0 | Introduction

This portfolio contains the design of Strahov stadium and the surrounding district. The Strahov Stadium is a stadium complex in the Strahov district of the Czech capital Prague. With a capacity of 220.000 spectators, it is the largest stadium in the world. In the last century, the communists held their spartakiads there. The playing field measures 635.00 square meters, nowadays there are 8 football fields in there. The stadium is located next to the Evžena Rošického stadium, which is going to be demolished in the future. The area mostly focusses on playing sports, therefore you can find different sports fields and other facilities around the area. Next to the stadium you can find dorms where students of the Czech Technical University live. It's a collection of buildings arranged around the longitudinal axis passing through the entire Strahov area.

The subject of the assignment was the creation of an urban - architectural design for the new use of buildings that form the core of the great development area strahov (GDA Strahov) and at the same time for public spaces surround them. During the design we also looked into the intentions of the Prague Municipality.



2.0 | Analysis

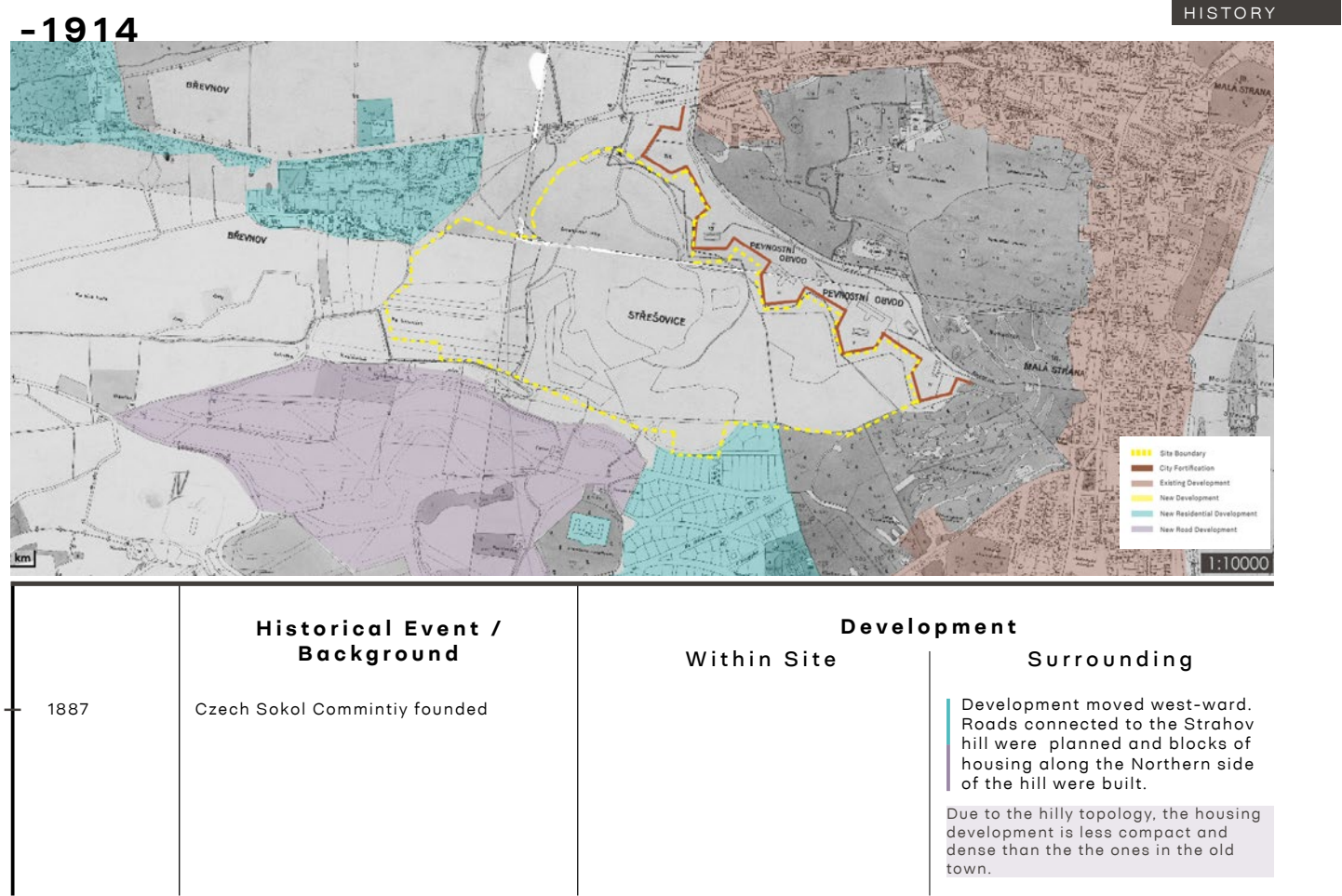
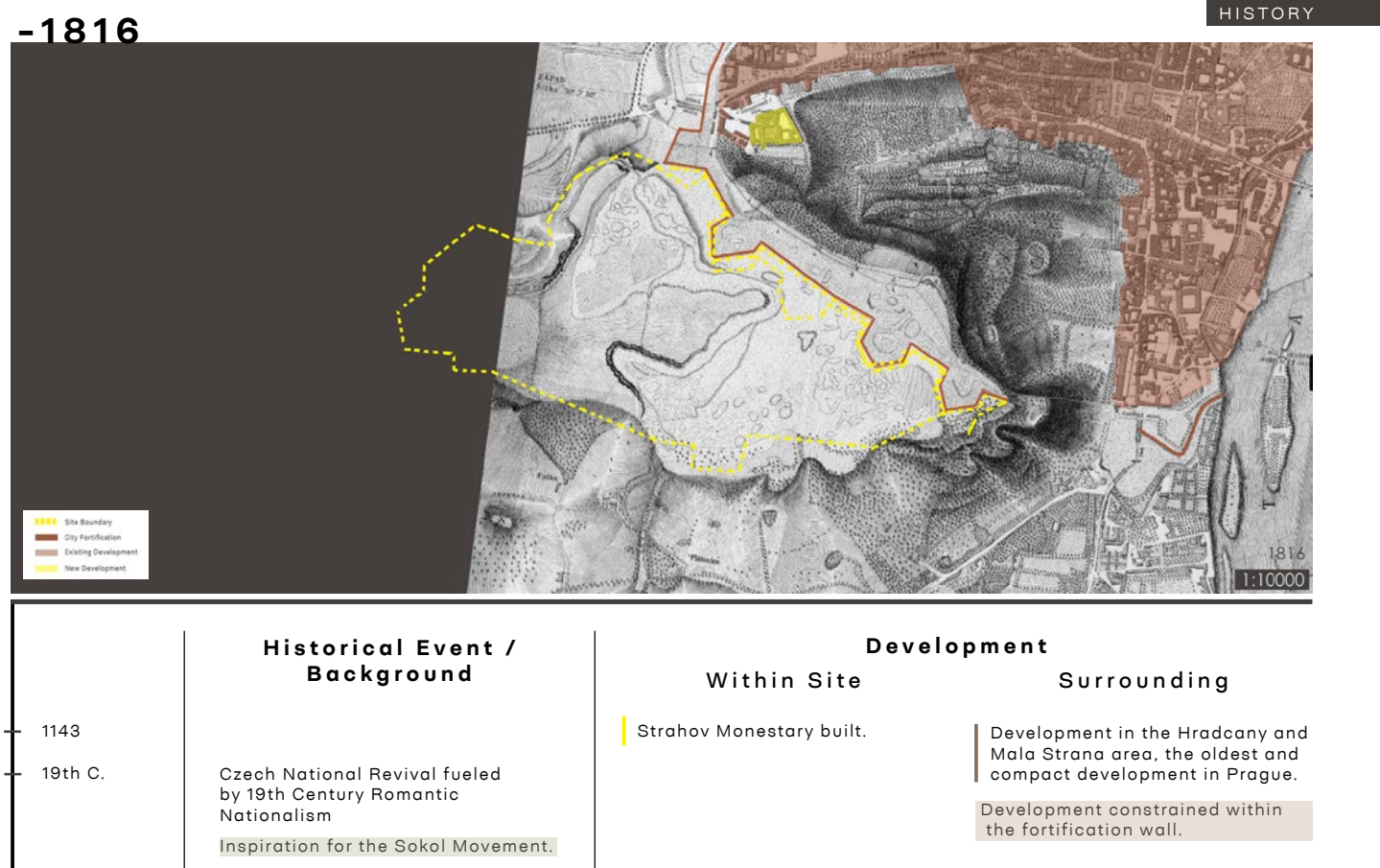


The Strahov hill is located on the top of Petřín, which is one of the three hills that are visually connected with the Prague historic core, and which have preserved green vegetated slopes. Strahov is connected to Petřín parks in the east and in the west to Ladronka Park, which allows for many sports-activities. Composition of the entire sport complex including the dormitory was generously composed on an axis defined by important monuments of Czech history.

The buildings on the Strahov hill, especially Strahov Stadium, are unique species. It is a set of buildings built by the Czech gym association Sokol for its group exercises at the so-called All Sokol festivals.

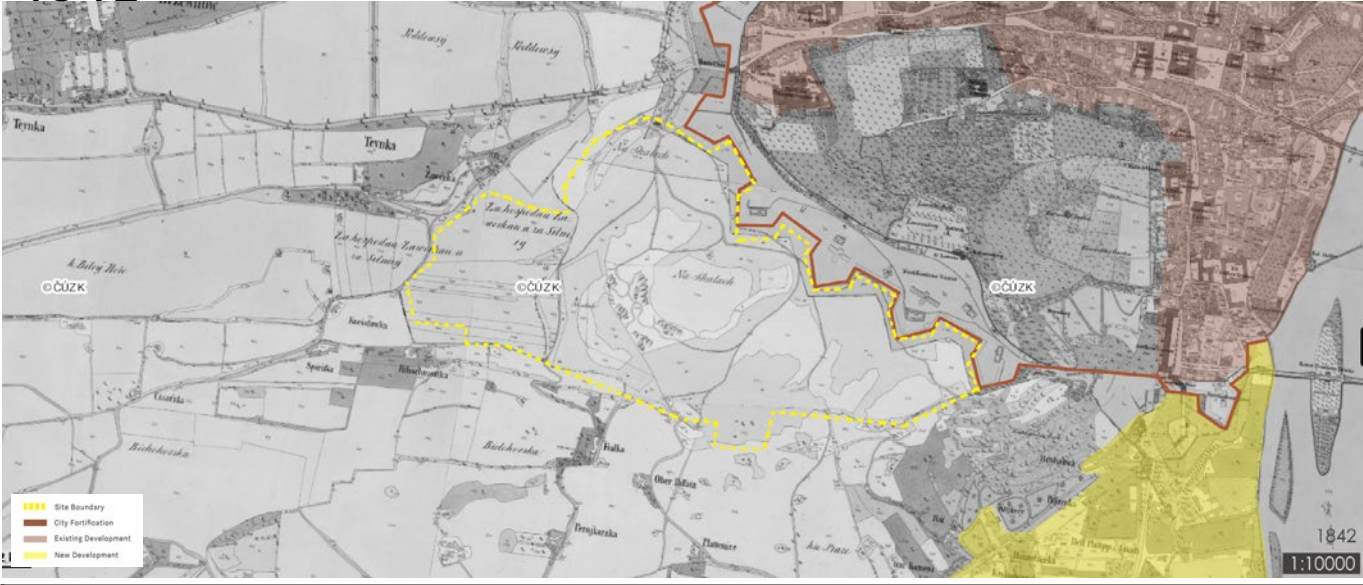
Further analysis about history, functions and strategic location can be found on the next pages.

2.1 | History



-1842

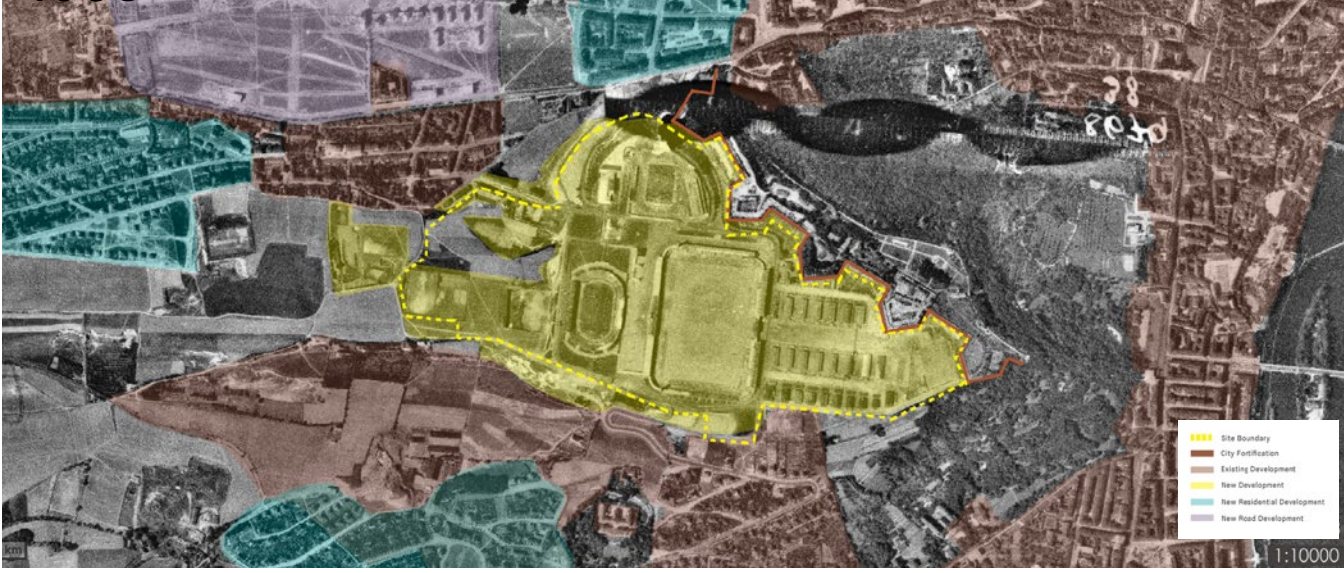
HISTORY



Historical Event / Background	Development	
	Within Site	Surrounding
		Development crosses the fortification wall expanding northward to Smichov.
	Strahov hill is confined by the natural typology and the constraint is enhanced by artifical fortification wall. Thus the site remained undeveloped and uninhabited.	

-1938

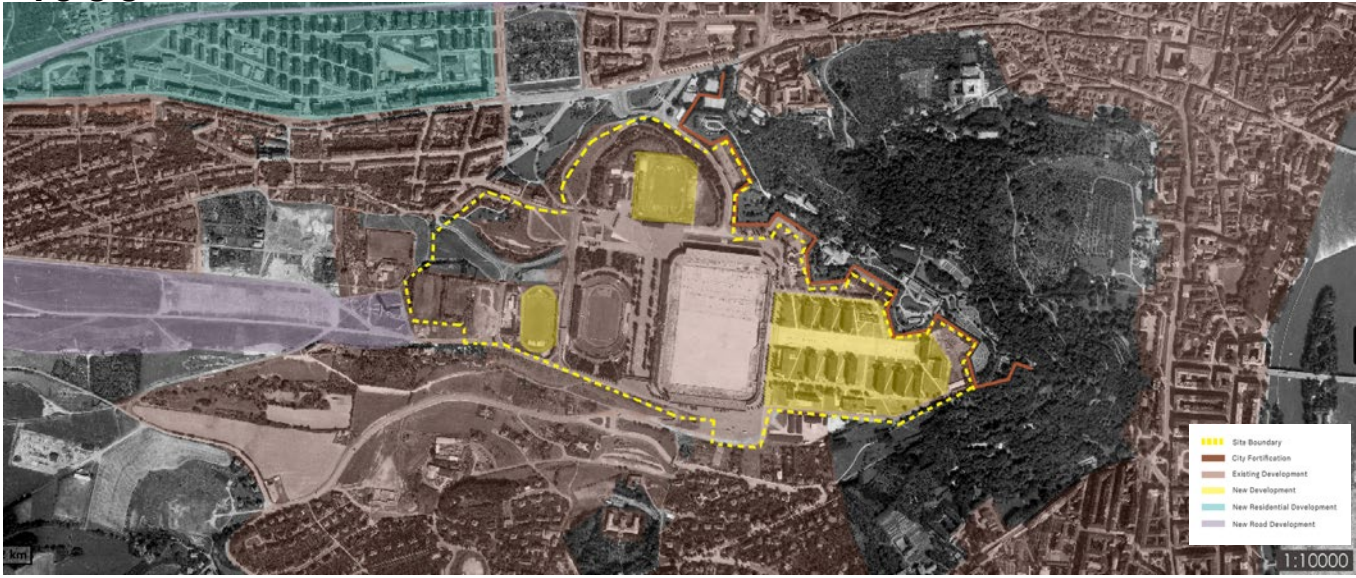
HISTORY



	Historical Event / Background	Development	
		Within Site	Surrounding
1926		Construction of Great Strahov Stadium began (-1938) Served as the VIII All-Sokol Slet in 1926	Expansion of housing and road development in Smichov and Brenov.
1932		Modernisation of the staium (replaced the wooden structure of the grandstands with concrete)	
1938	Held the X Sokol Slet -Largest attendance recorded -One year before German Nazi occupation		

-1966

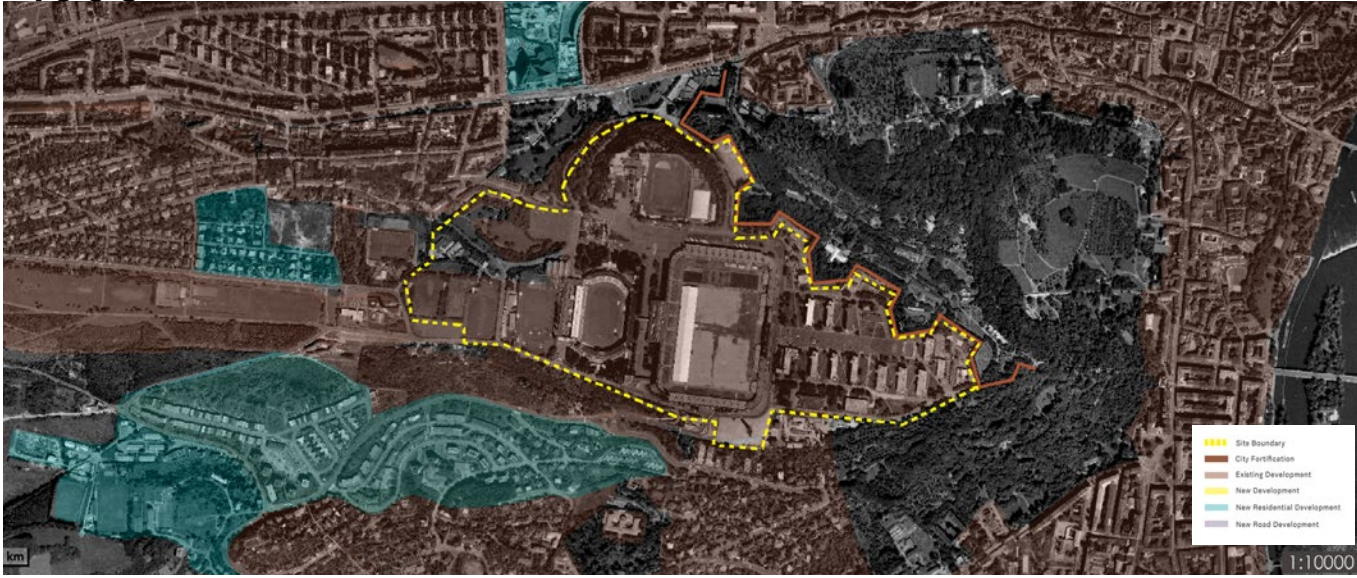
HISTORY



	Historical Event / Background	Development	
		Within Site	Surrounding
1948	Held the XI Sokol Slet -Used as a protest against the rising Communist Regime -The last Sokol Slet in Prague until 1994 Communist Regime Took Over Sokol dissolved and became Spartakiads		Development of large-scale blocks of residential complex in the North-West Construction of road network
1964		Construction of Strahov Dormitory began (~1965) - Served as Spartakiads lockers room - Temporary shelter for flood victims	

-1996

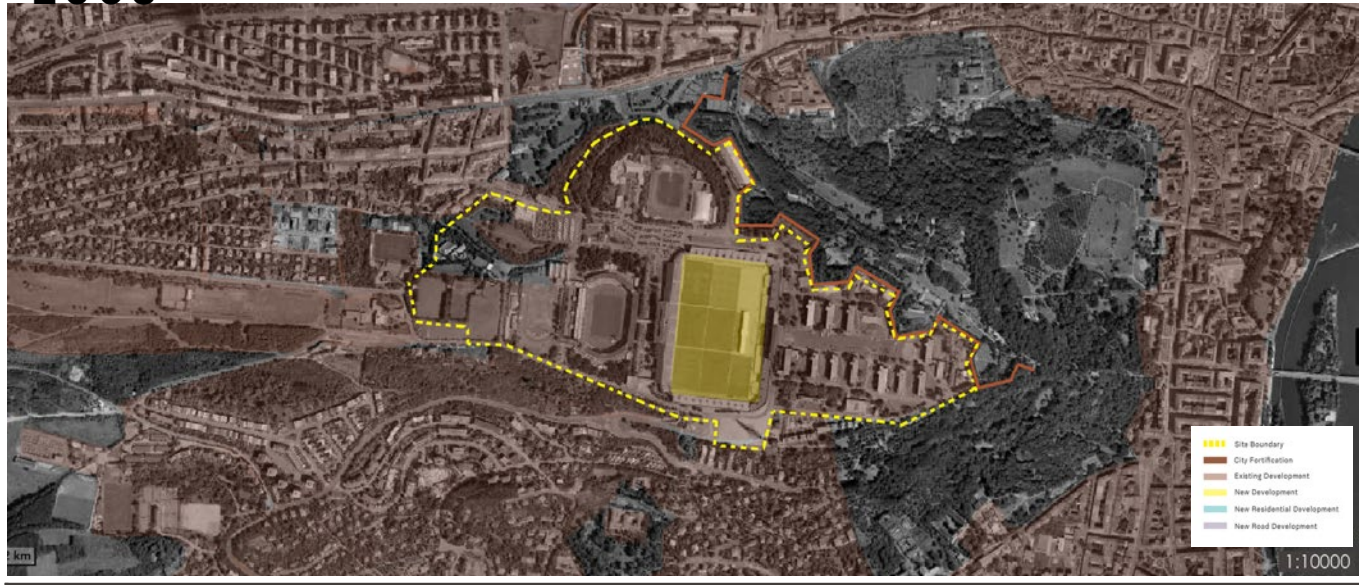
HISTORY



	Historical Event / Background	Development	
		Within Site	Surrounding
1985	Last Spartakiads (XII Slet)		Continued development of residential buildings in Smichov and Brenov.
1990			Start being used as concert venue

-2003

HISTORY



	Historical Event / Background	Development	
		Within Site	Surrounding
2003		Received financial support of the City of Prague, reconstructed by AC Sparta Prague.	

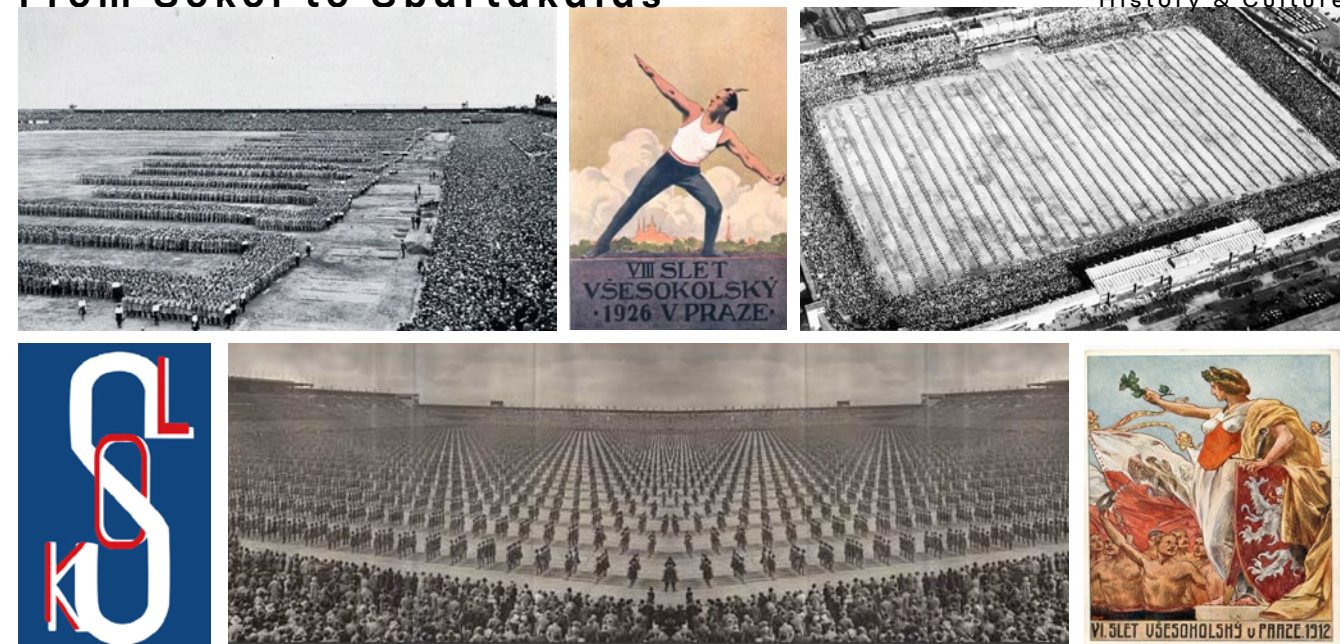
-2021

HISTORY



	Historical Event / Background	Development	
		Within Site	Surrounding
		Until today, the Strahov Stadium it is a training centre for Sparta Prague (a football club).	
		The stadium in the middle -- the Stadion Evžena Rošického is bound to be demolished.	

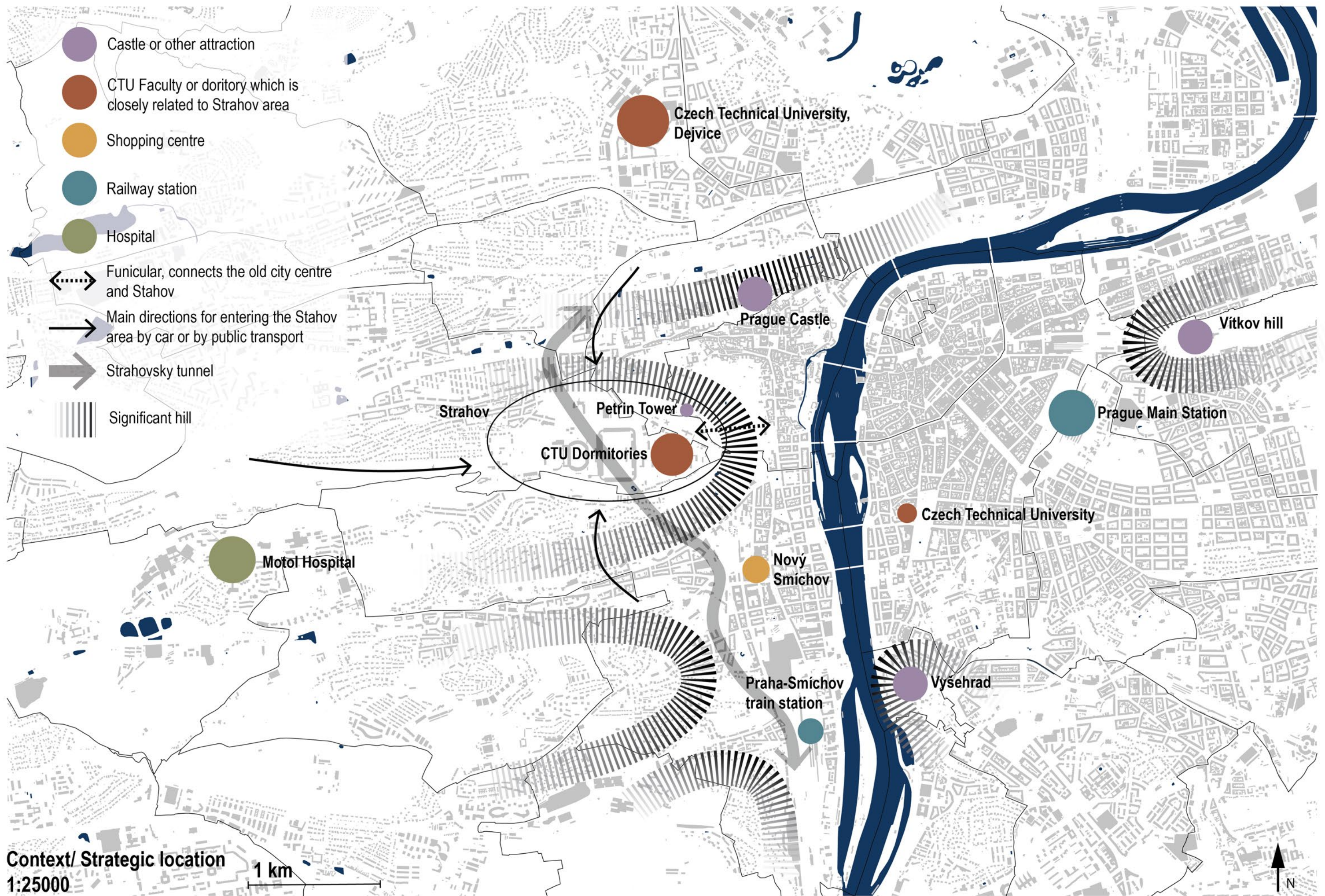
From Sokol to Spartakoids

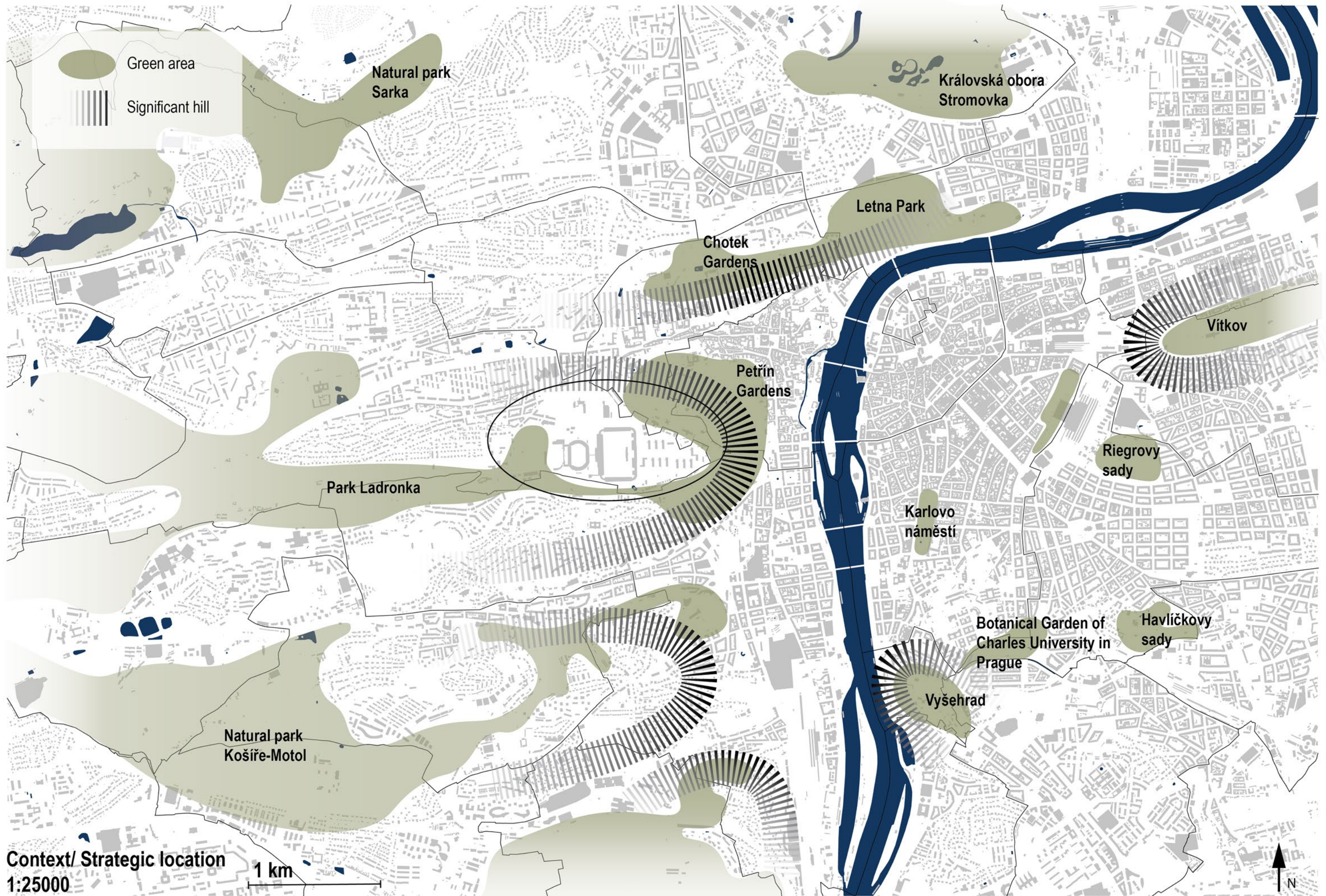


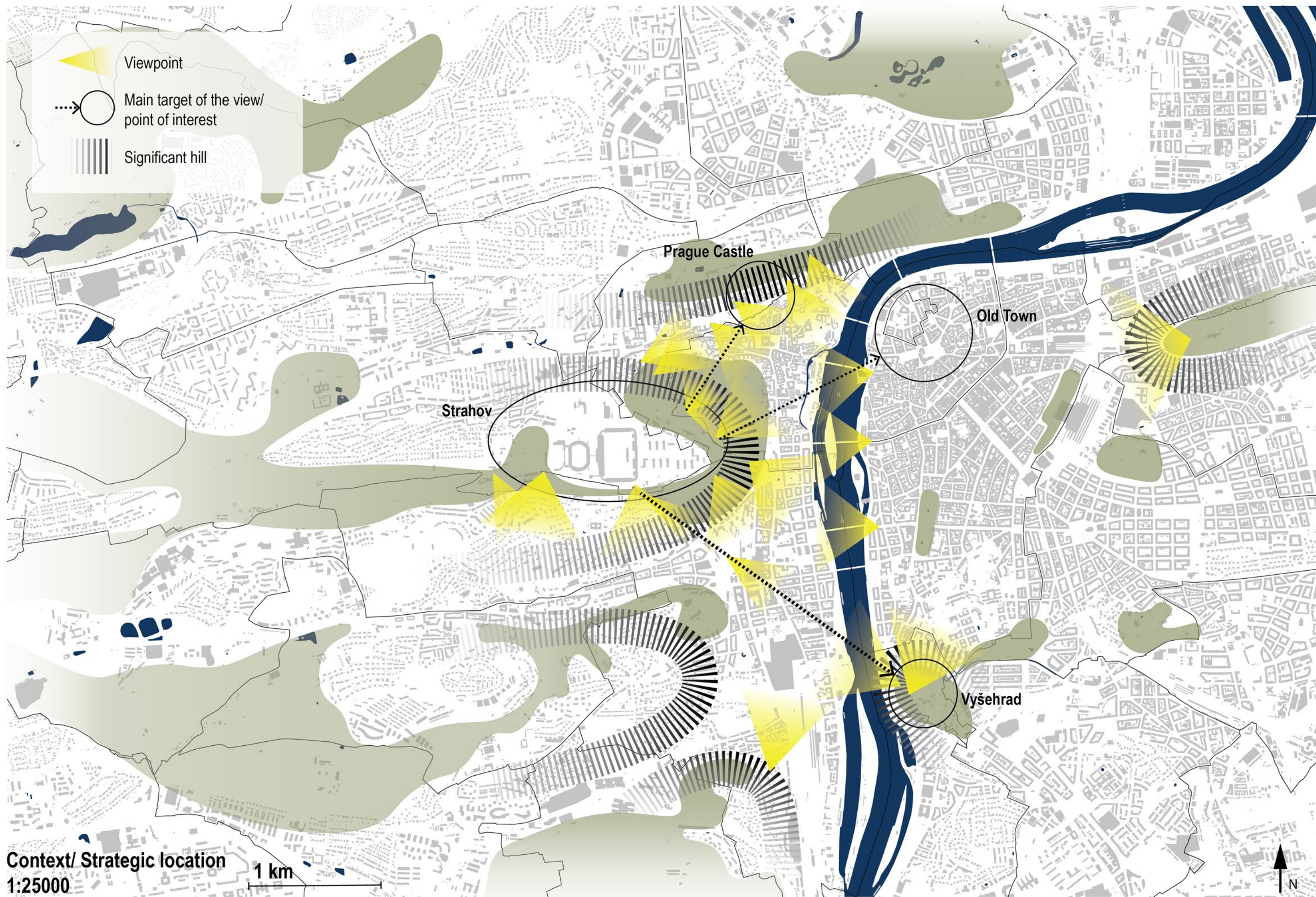
- **Meaning:** Sokol- falcon
Slet- a flock of birds
- A type of synchronised gymnastic, emphasising group dynamics rather than individual power
- Based on the principle of: "a strong mind in a sound body"

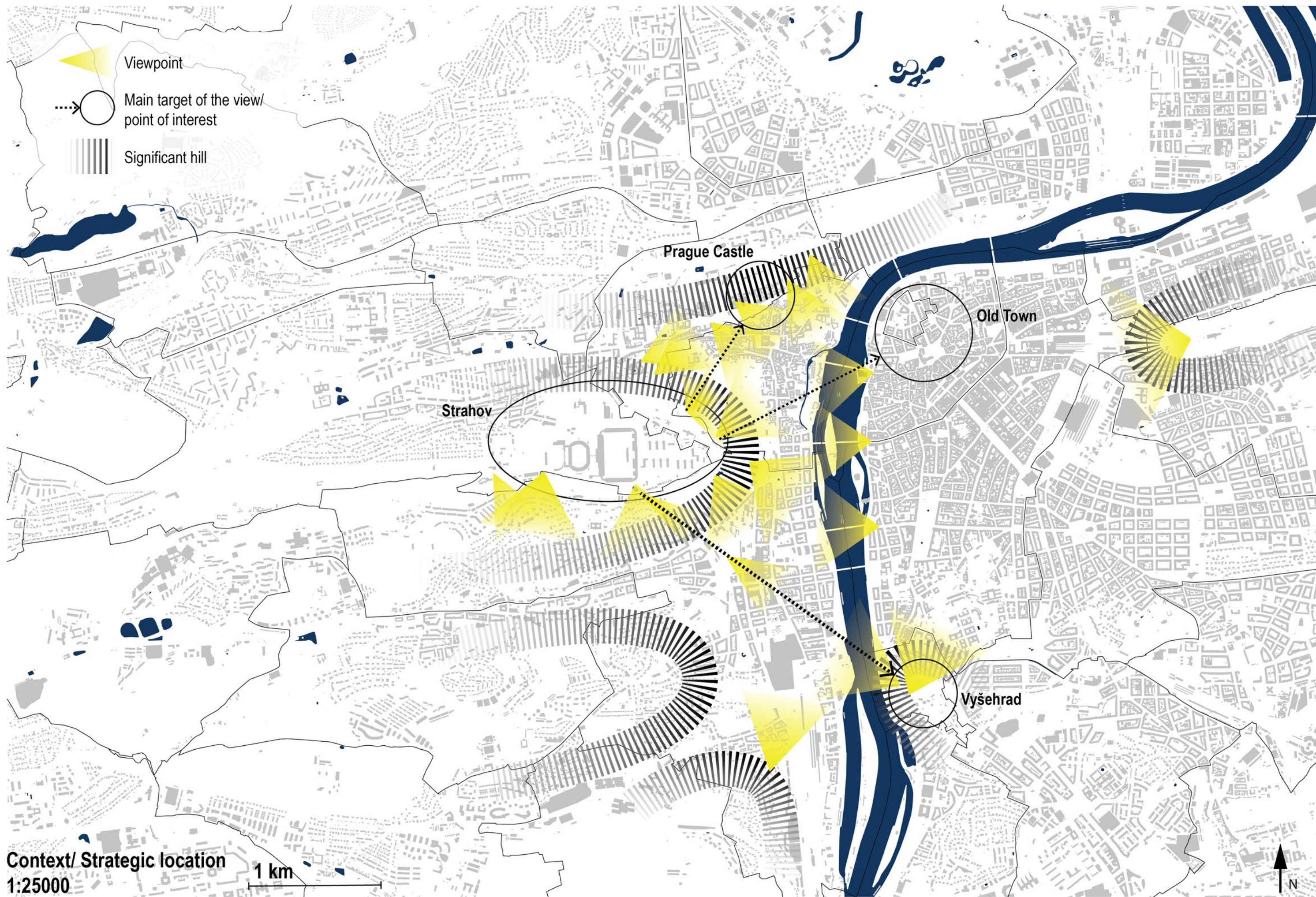
- **Significance:** Though officially an institution "above politics", the Sokol played an important part in the development of Czech nationalism and patriotism.

Before the communist regime, originally an organisation and activity promoting and enhancing Czech Nationalism (Sokol Slet), was adopted as a tool for power display (Spartakoids) under the Communist Regime.









Context/ Strategic location
1:25000

1 km

N

2.3 | Function

Creating community

- Housing
- Sport
- Health
- Cultural
- Cafe/restaurant/hotel
- Education
- Shops
- Company
- Industry



3.0 | Development of the concept

In this chapter we will present some phases of the development of our project and it's concept. Concept and the structure of the area took many different forms during the semester before finding the final solutions in the end. Though some themes did stick with the process almost all the way, for example increasing greenery, creating healthy environment and activating public spaces as well as the communities there.

3.1 | Concept presentation:
three themes

Recruiting greenhouse workers ▶

Training and testing the produsction ▶

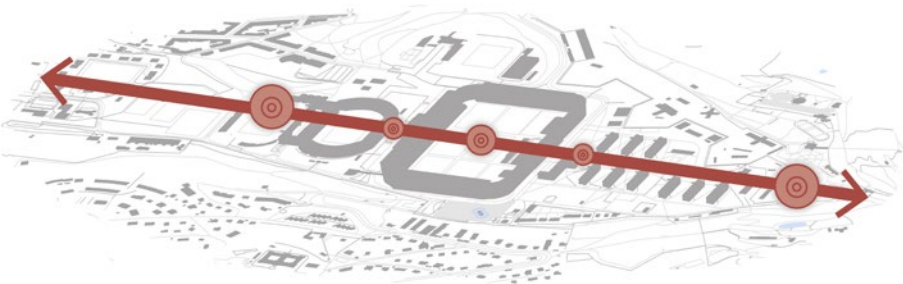
Sustainable city ▶

Urban agriculture



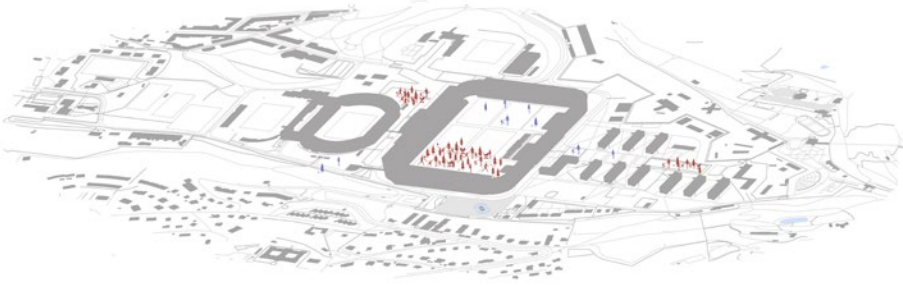
+

Central axis

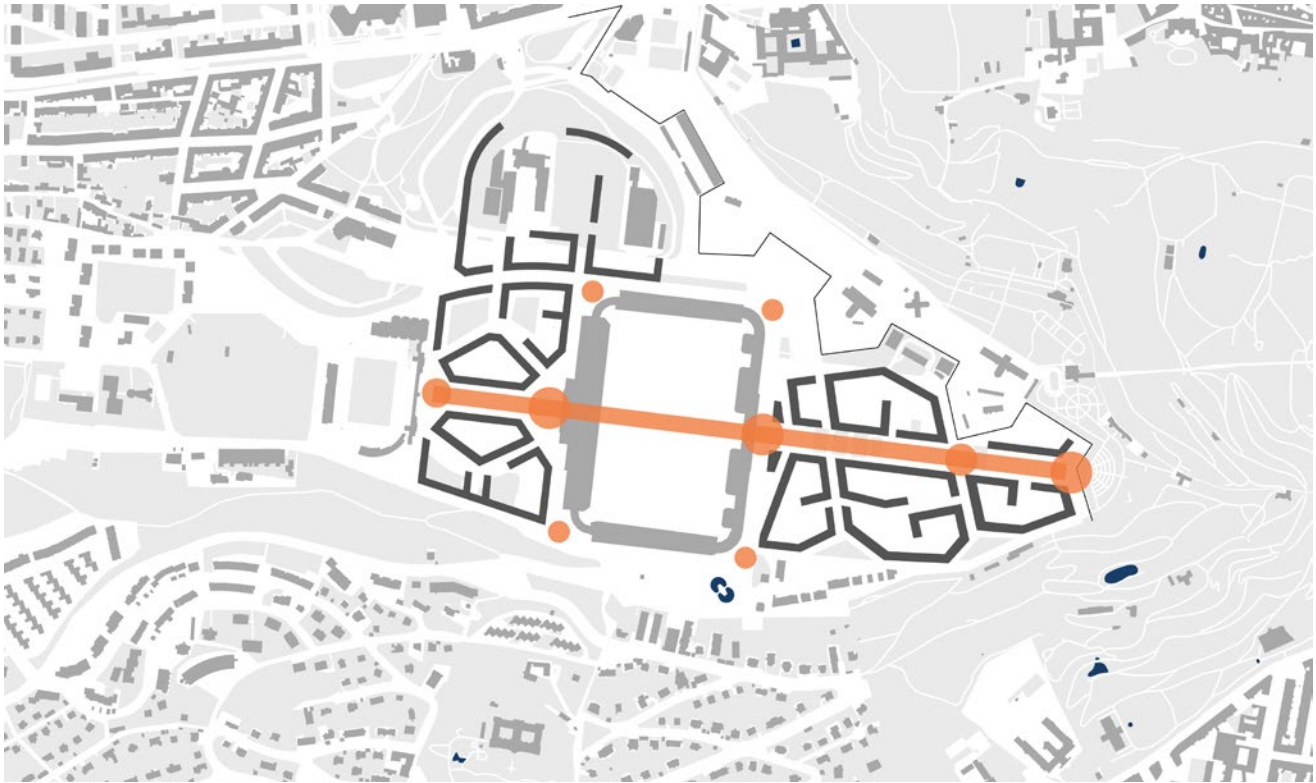


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Active vs. calm







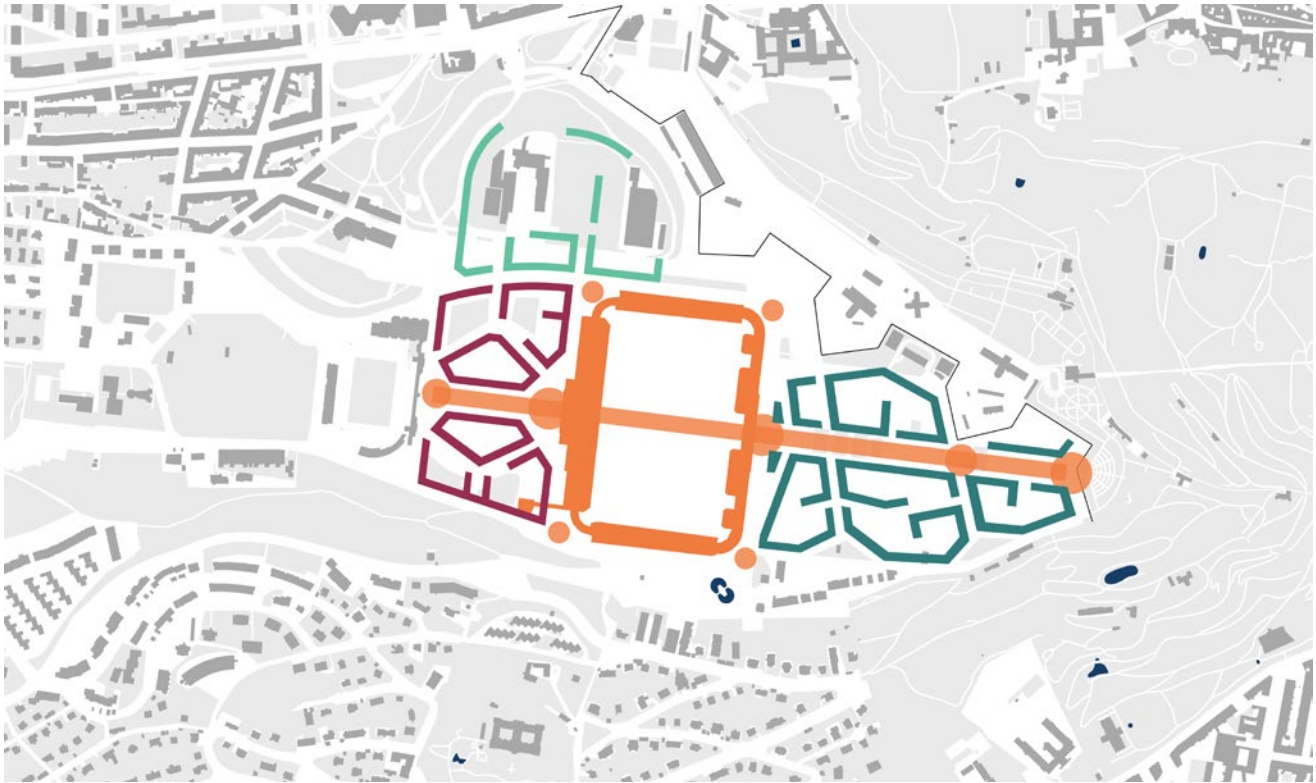
Masterplan



Phasing
Sentence



-  phase 1
-  phase 2
-  phase 3
-  phase 4

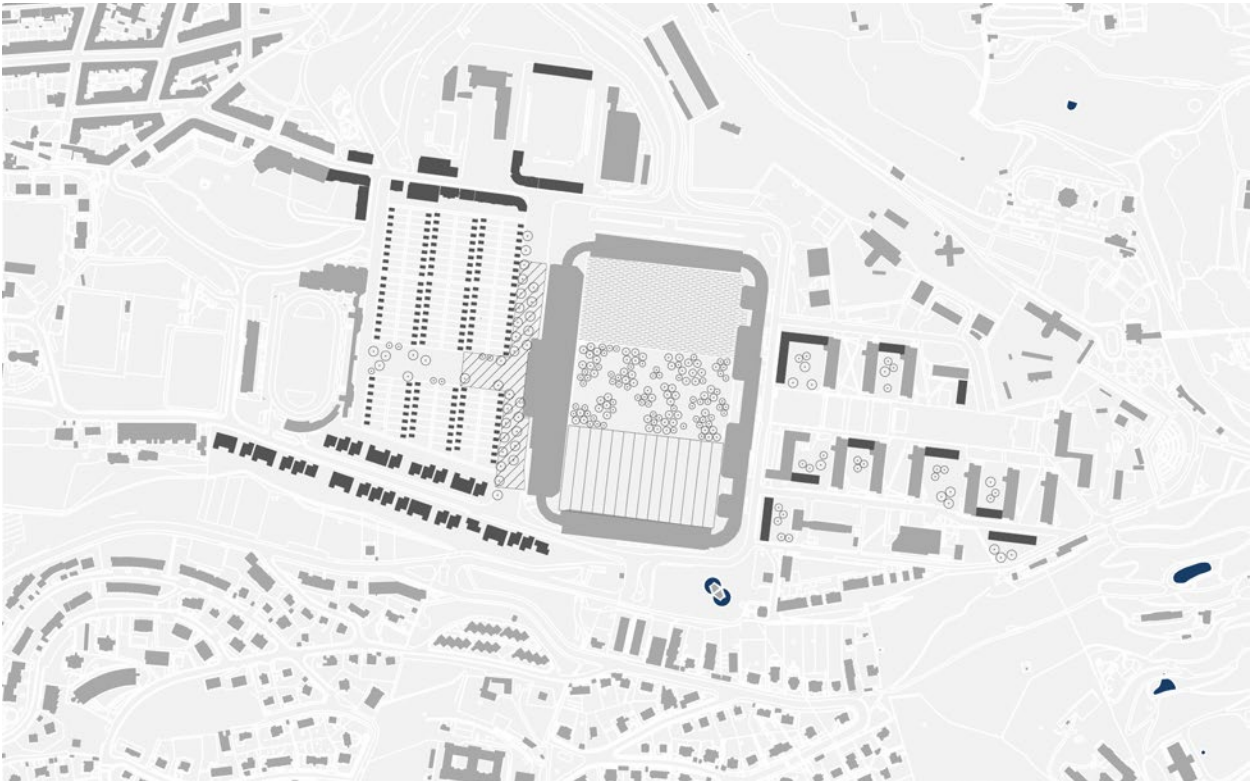


3.2 | Design presentation:

From vision to concept themes



Masterplan



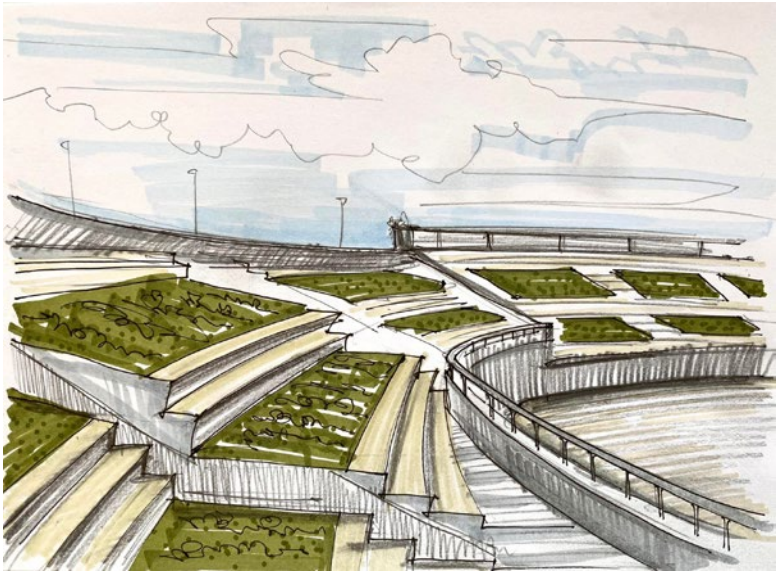
Themes places on the design area



Greenhouses on the field inside the stadium



Crops that are growing on the tribunes of the stadium



Cafe inside the stadium



Axonometry of the design area



4.0 | Final design

Let's Grow Strahov is a design all about local food production, living sustainable, creating communities and reusing buildings. Our mission is to make people aware of their ecological footprint by teaching them how to grow your own food and giving them the chance to buy local produced food. Therefore we will use the tribunes of the Strahov stadium to grow crops. The tribunes will be covered partly with greenhouses, the middle part of the stadium will function as a public orchard and park. A part of the greenhouses will be only high intensity food producing and the other part will be more innovative and experimental. One side of the tribunes will be open for public, a place where people can try and learn about horticulture.

The Evžena Rošického stadium will be turned into an ecovillage with family houses and tiny houses for couples or other individuals. An ecovillage is a community designed through collaborative participatory processes in all four dimensions of sustainability (social, environmental, economic and culture). With the aim of regenerating the social and natural environment.

The dorms are being renovated and expanded. Students will continue to live there and besides that a group of mixed people will be added. The new buildings create semi-private courtyards where people will have more private space than before. The public spaces will have more different functions and become greener.

4.1 | Analysis

Aktivities

Lack of facilities, opportunities and activities.



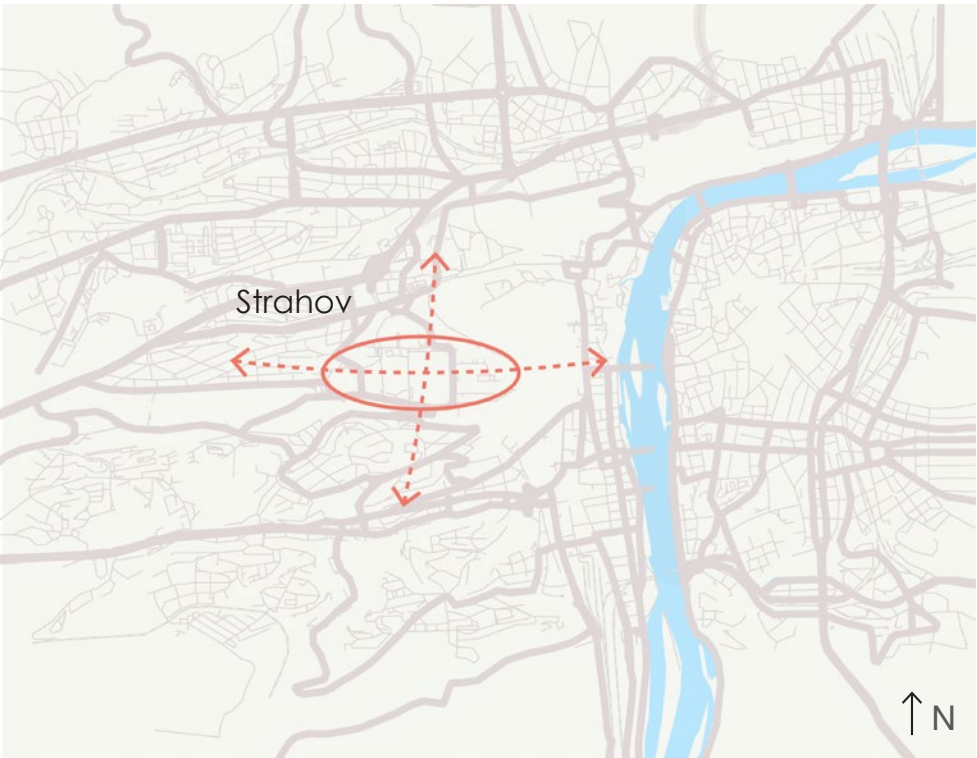
Green infrastructure

Opportunity of biocorridor and recreational connection between Petrín and Ladronka.



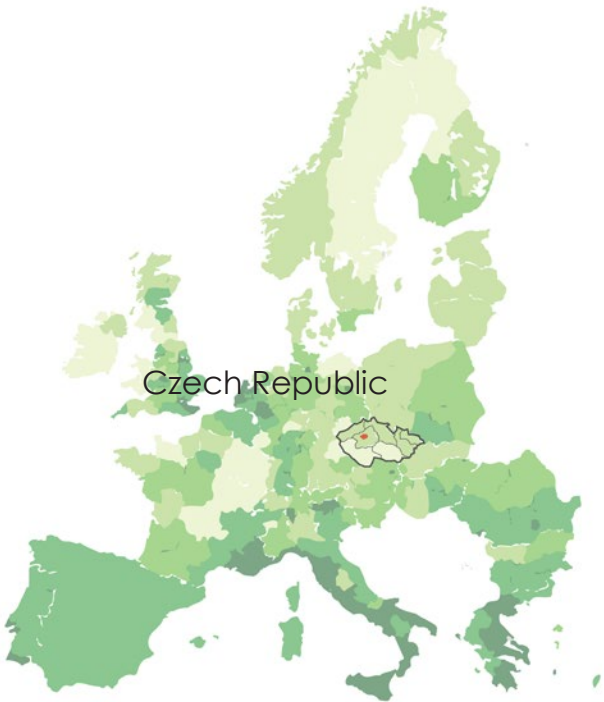
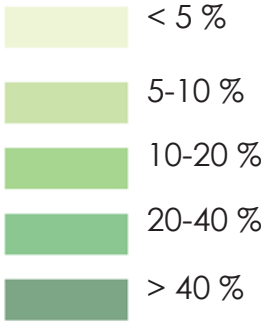
Public space

Lack of healthy urban tissue and connections.



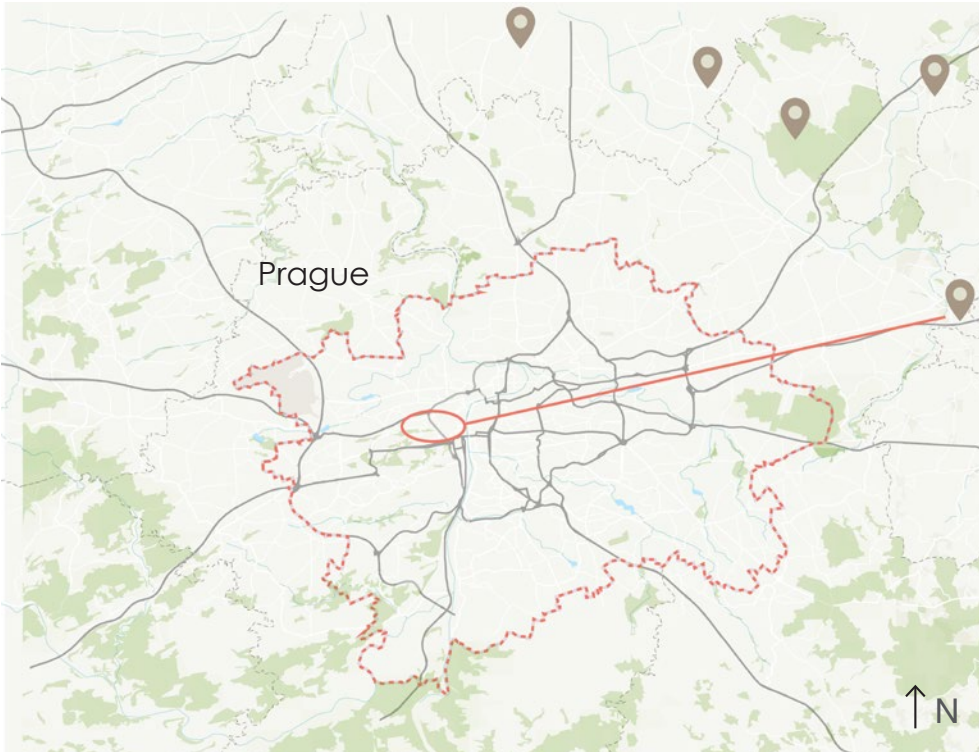
Horticulture in Europe

The fruit and vegetable outcome of agriculture is relatively low in Czech Republic



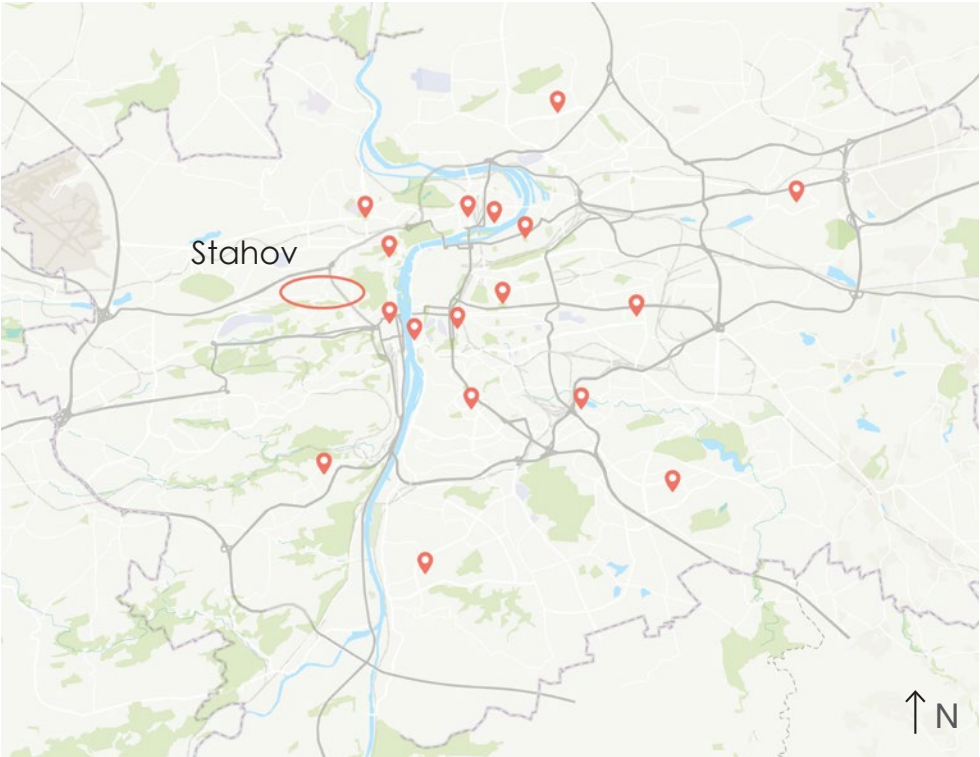
Direct sellers

Lack of local food producers in the city



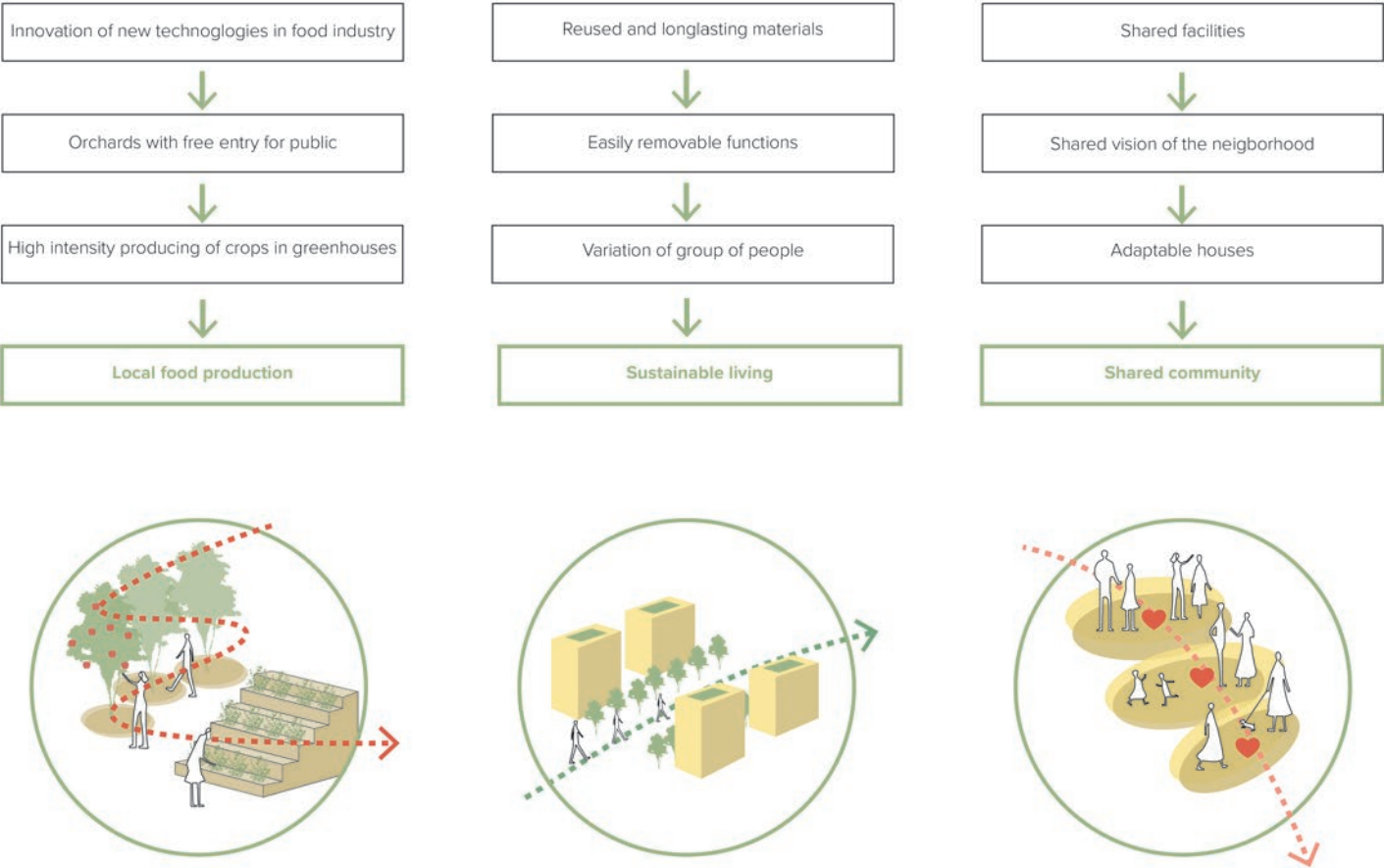
Farmer's market

Lack of farmer's markets in the west side of Prague and opportunities to sell locally grown food.

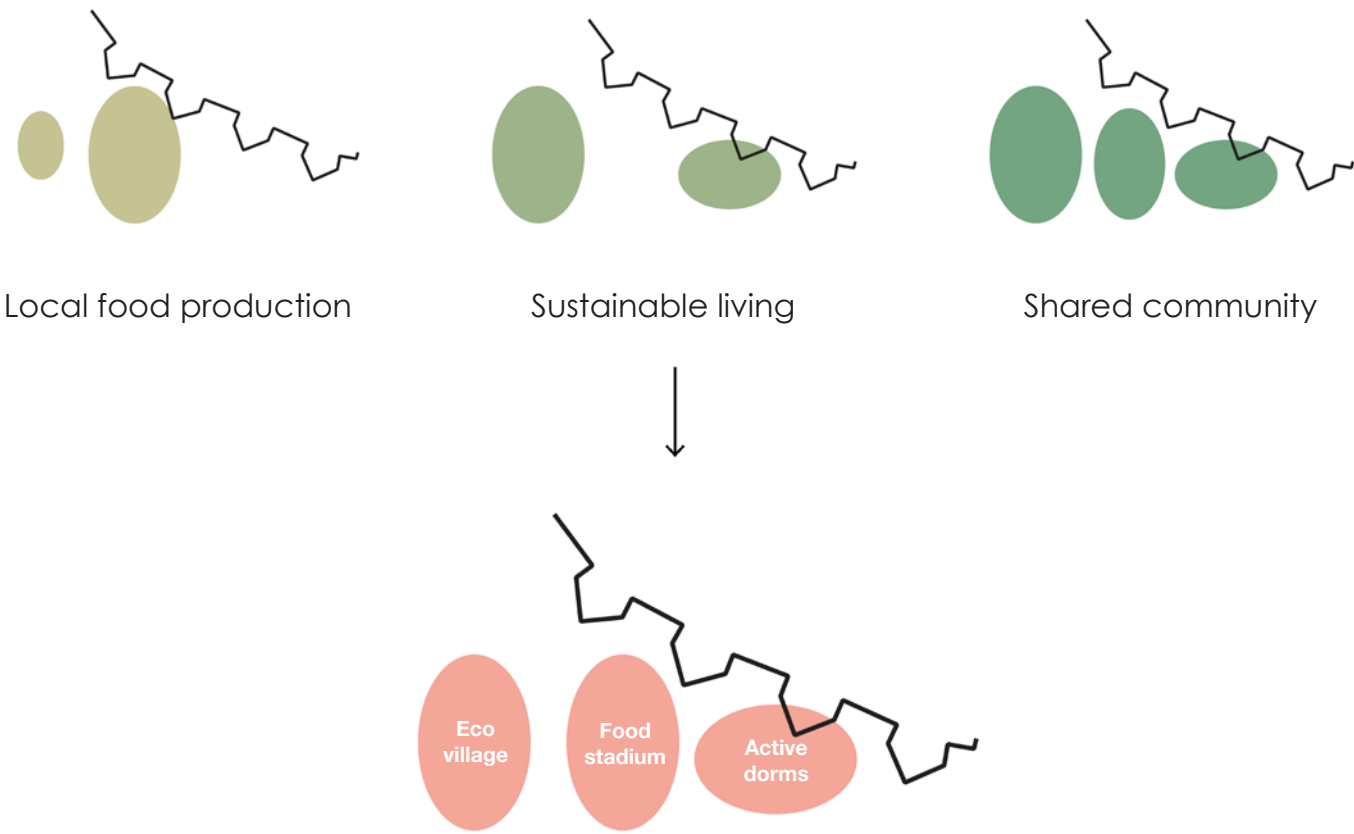


4.2 | Vision and concept

Vision: three themes



Concept: placing three themes on the site



4.3 | Masterplan - schemes

Infrastructure



Green areas

Some sentence heree.



New buildings

Sentence here



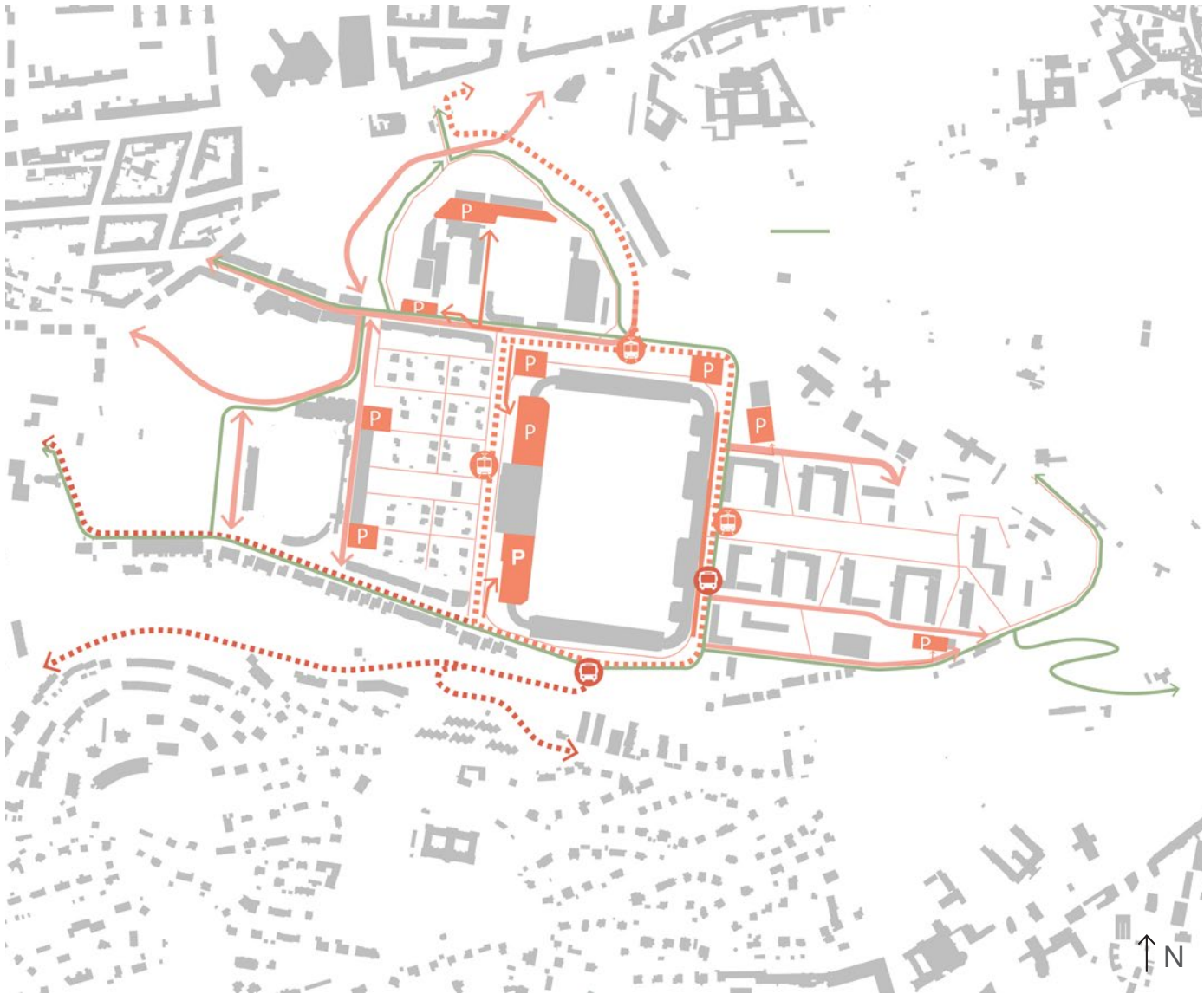
Identities of developed areas

Sentence here



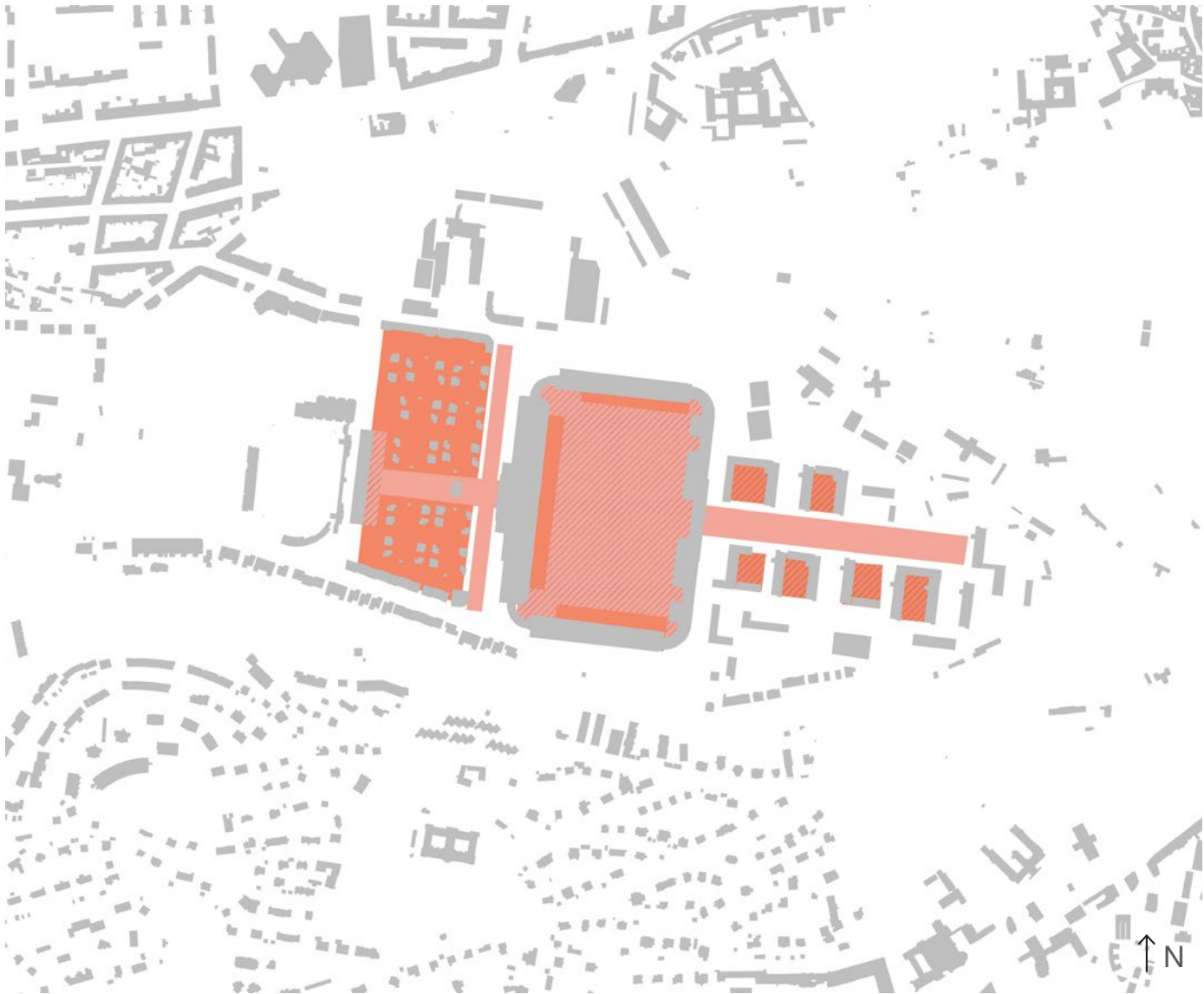
Transportation

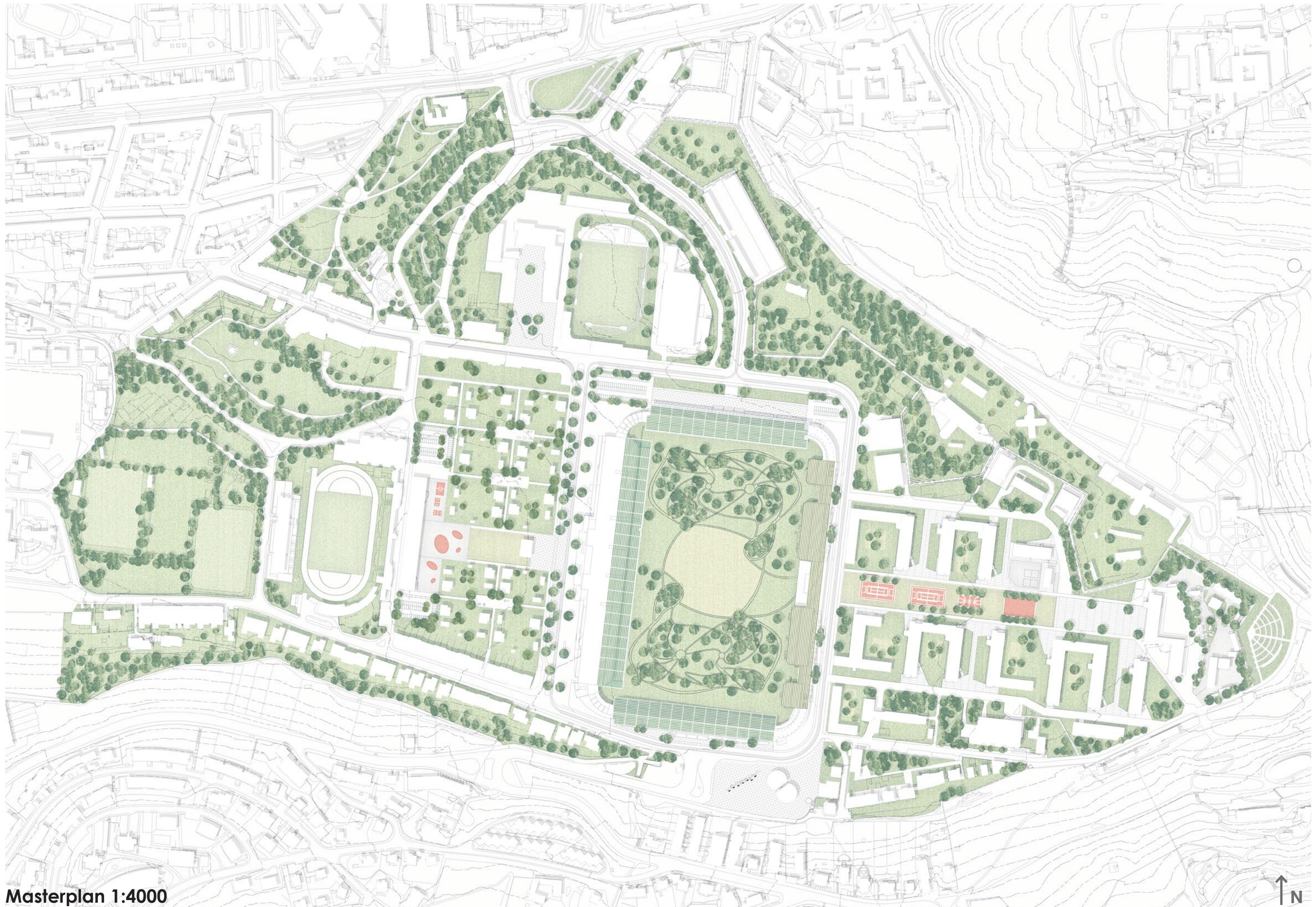
-  Parking
-  Primary road with public transport (buses)
-  Primary road with public transport (buses and tram)
-  Secondary road
-  Parking entrance
-  Bike lane
-  Pedestrian way
-  Tram stop
-  Bus stop



Public space

- Private yard
- Public square or park
- Semiprivate yard
- Semipublic park







4.4 | Food stadium

Field inside the stadium

From the very beginning, Strahov Stadium was designed as a place that can withstand a large flow of people. After the reconstruction and the addition of new elements, every visitor will be delighted. On the first floor of the stadium's interior there will be parking for visitors, new restaurants and cafes, company offices. It was also an important decision to keep the existing indoor pool and music studios. The areas that were previously intended for the stands will now become greenhouses, where organic products will be grown. Stores and stores for products will be located on the second floor of the stadium where visitors will be able to buy them. This does not change the shape of the stadium, but it only changes the facade of the building. Stained glass panes will be added that will serve as walls, but will open up a beautiful view. Since the ceiling height of the stadium is 9 meters, the interior will also be added mezzanines to improve the composition and increase the function of the place. Inside the stadium is a large park where visitors can get lost walking along winding paths between flowering trees and forget about the bustle of the city for a while. From the park, people will also be able to see the greenhouses, which have a mobile mechanism. They can expand during cold weather and open during sunshine. In the center of the park is a large meadow for picnics.



Diagram: food stadium

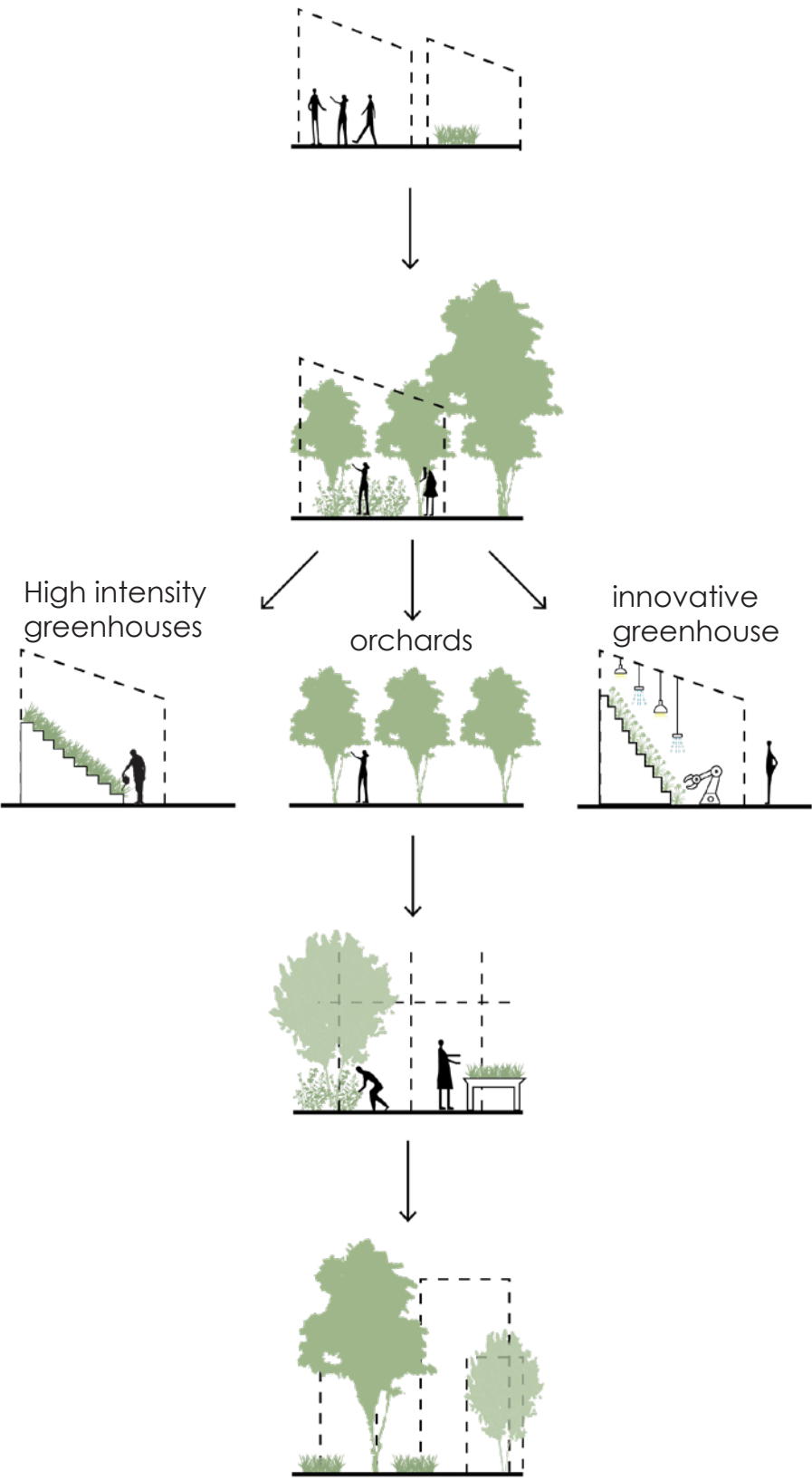
Recruiting greenhouse workers ▶

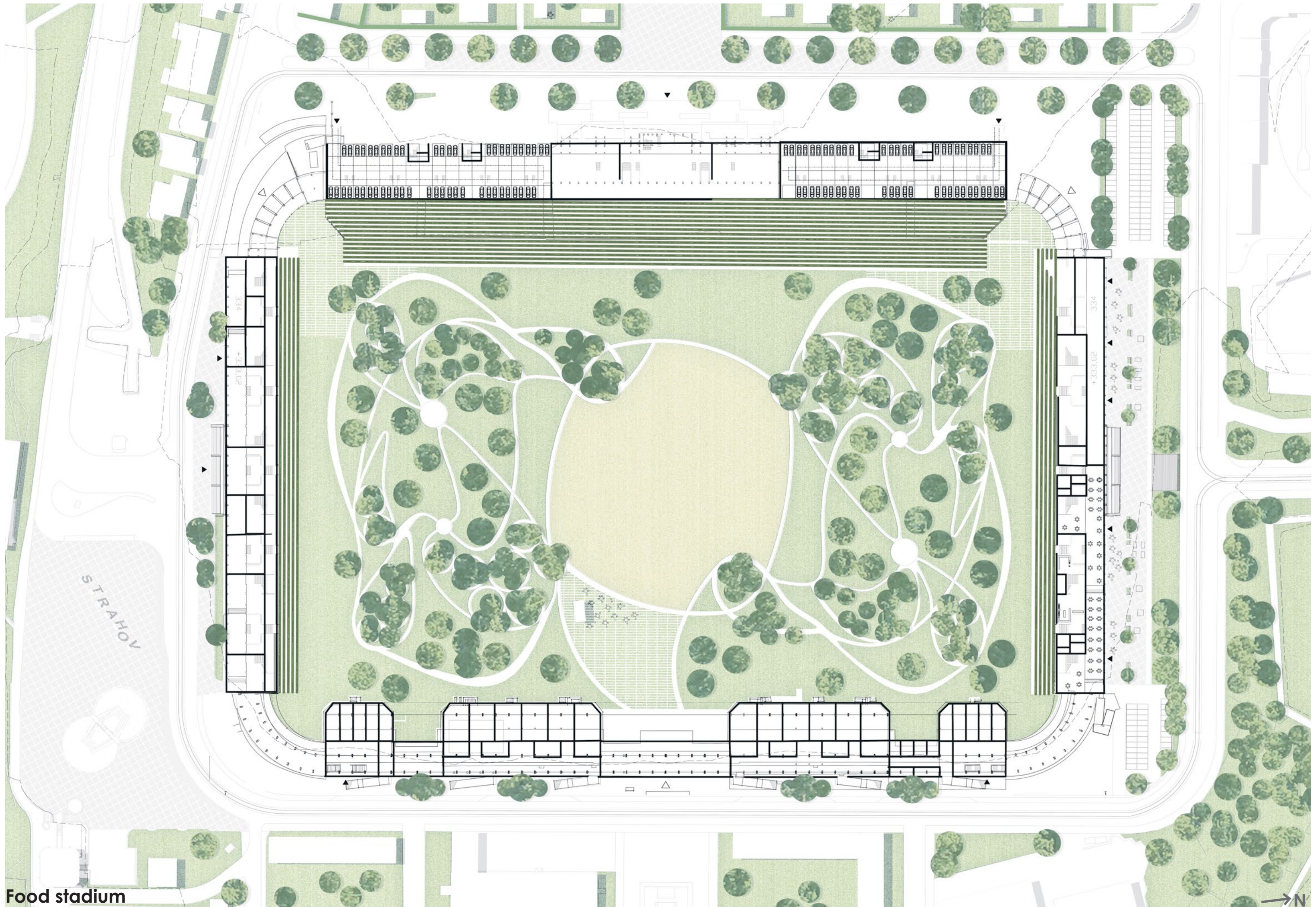
Training and testing the produsction ▶

Maintenance of all three sites ▶

Producing and selling local greens ▶

Sustainable city ▶

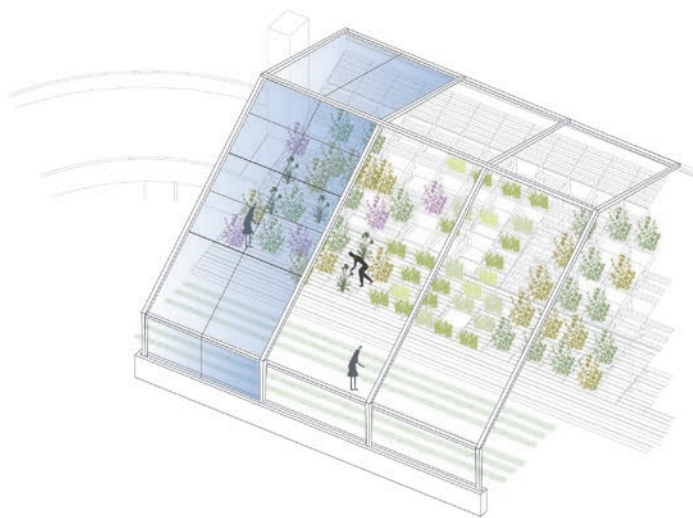
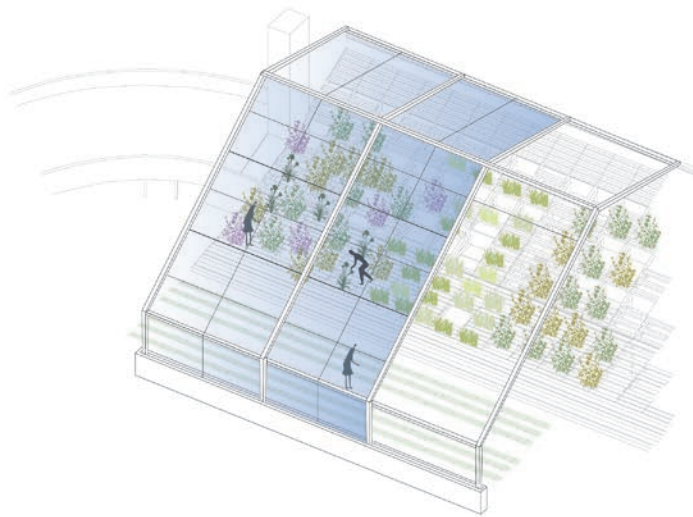
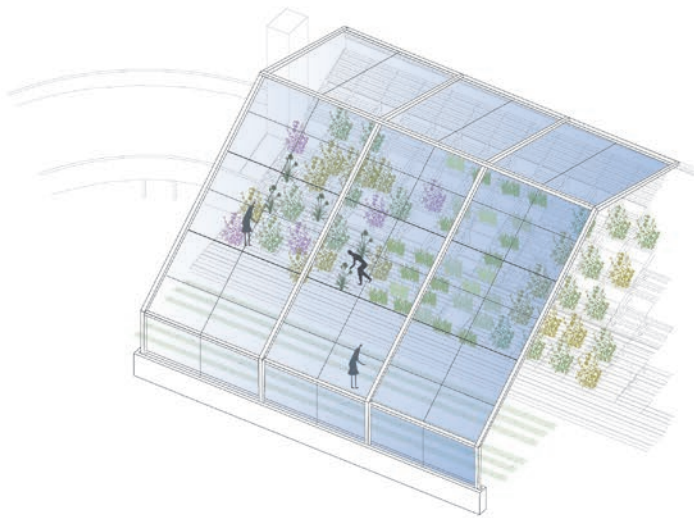




Food stadium



Detail: movable glass roofs of the
greenhouses

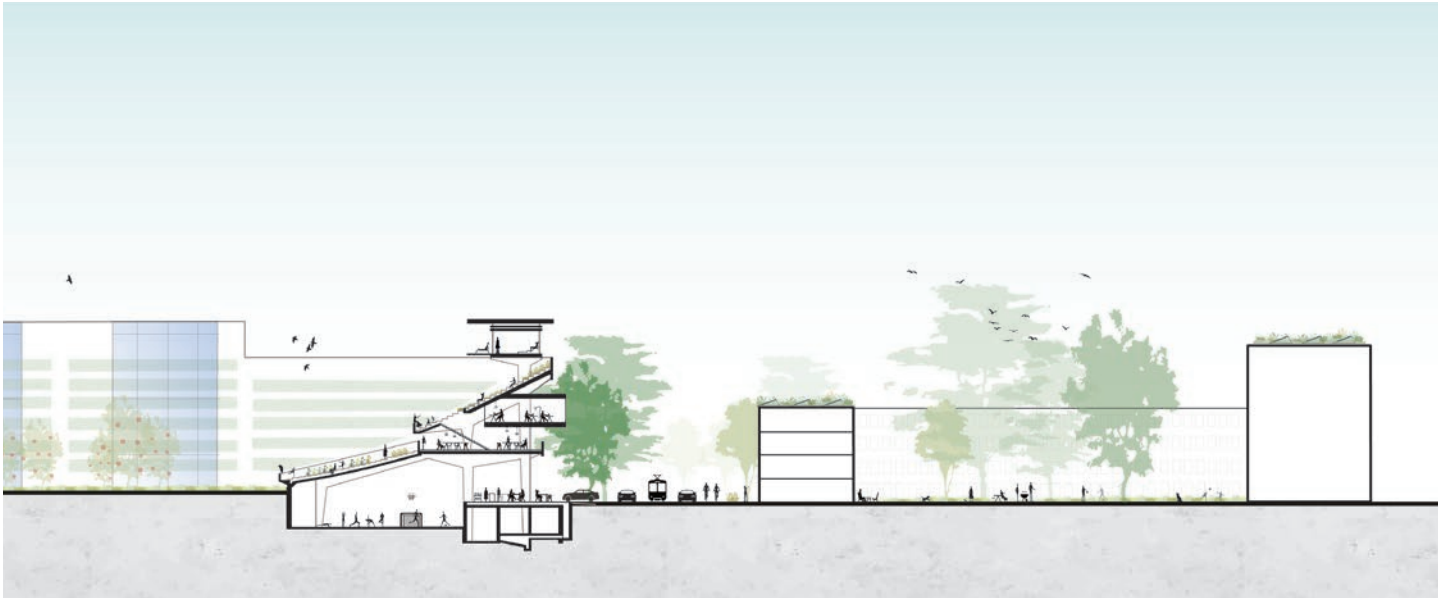


Section: Stadium west



- ▲ Ecovillage
- ▲ market place and street
- ▲ green houses
- ▲ orchards

Section: Stadium east



- ▲ orchards
- ▲ experimental garden for public, services
- ▲ new building
- ▲ semi private yards
- ▲ renovated dorm buildings

**View from a cafe inside the northern
part of the stadium**



4.5 | Ecovillage and the Active dorms

Ecovillage and the shared garden of a community ▶



Diagram: Ecovillage

Creating community



Shared vision



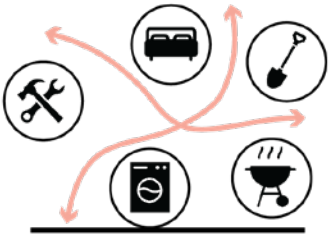
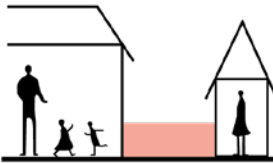
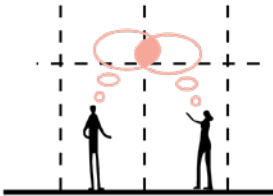
Choosing building kit house



Shared facilities



Ecovillage created

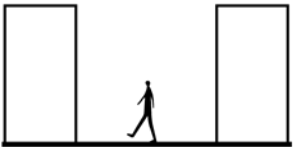




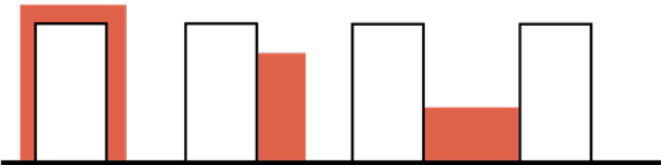
Ecovillage

Diagram: Active dorms

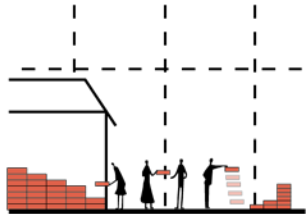
Existing environment



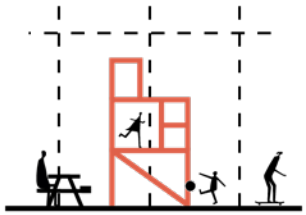
Strategy of reusing buildings



Reusing materials



Mixed groups and creative public spaces



Public space between in the active dorm area

A neighborhood consisting of new and renovated buildings with a public street inbetween. New activities such as basketetball, beachvolleyball, a skatepark and cafes to chill.



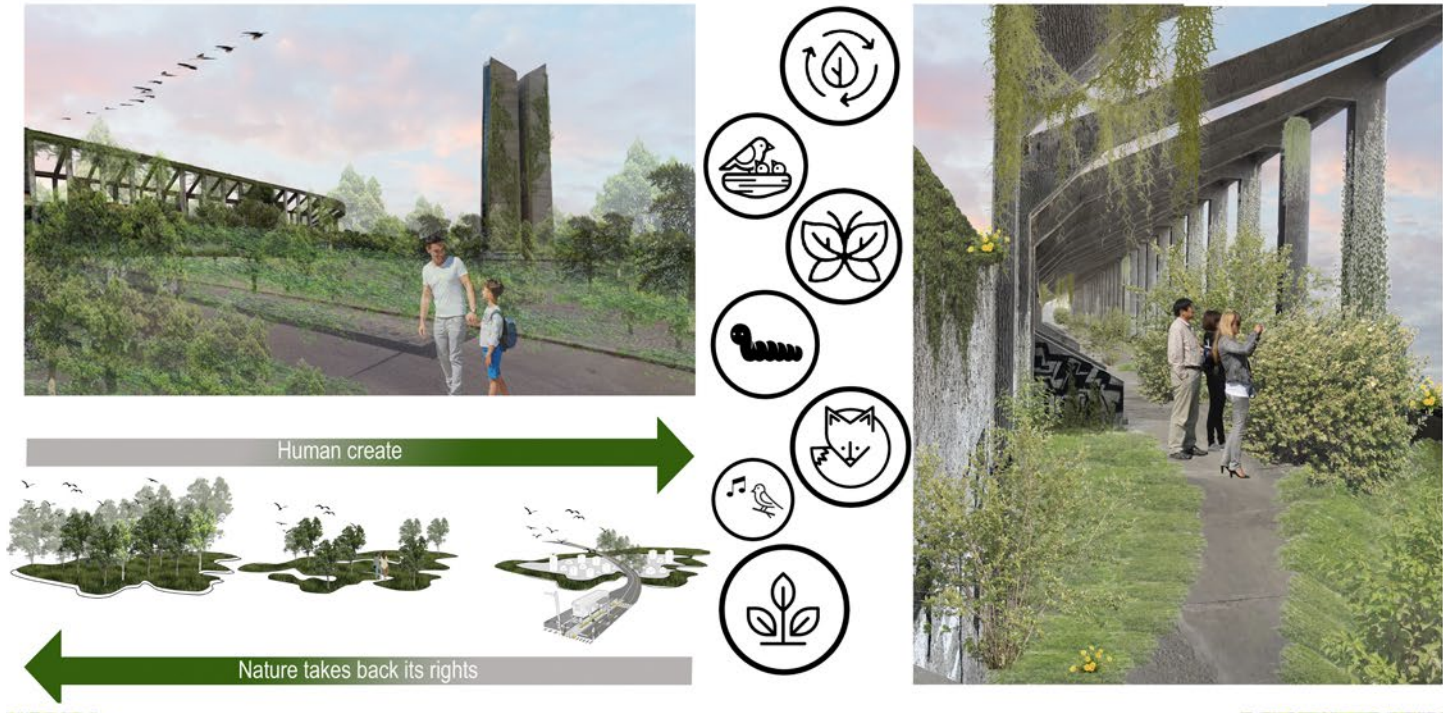
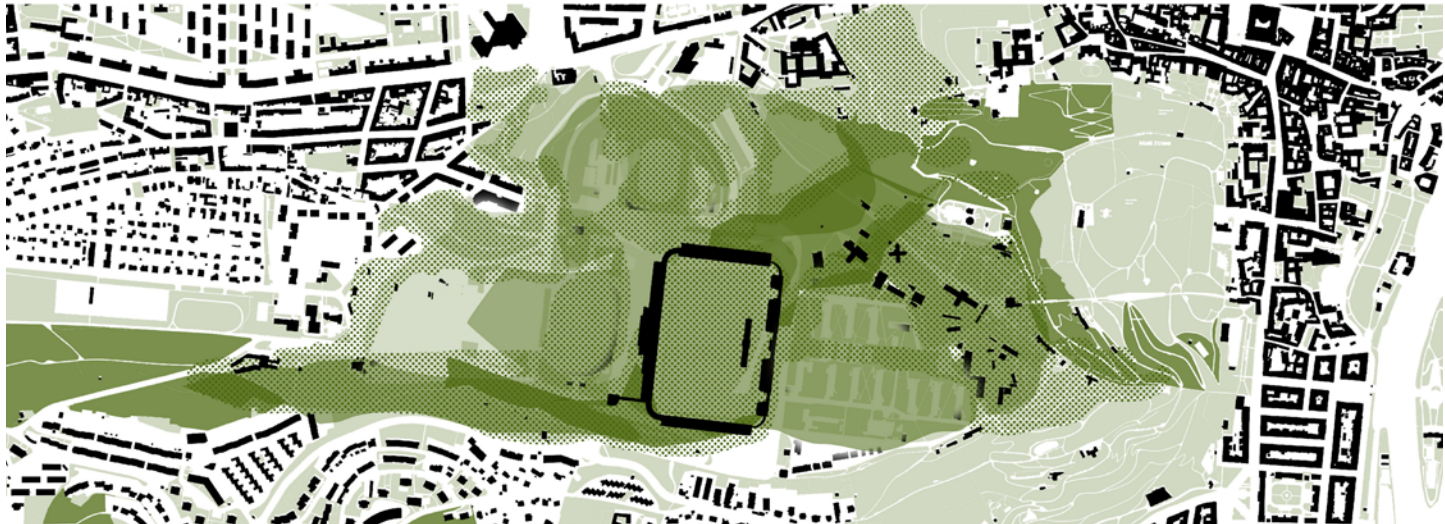
The Future of Strahov Stadium and Hill, Prague

International Workshop in Urban Design, Architecture and Landscape Architecture, 2022



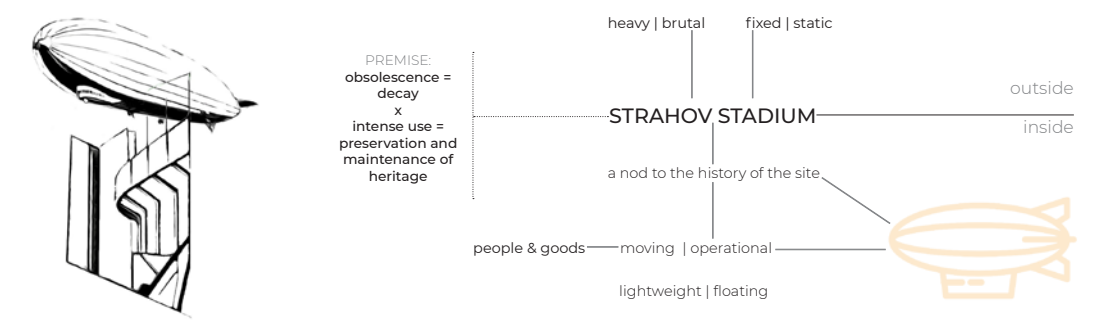
-Let's grow Strahov-

Angelika Palasz Hind Boulaui Josefin Froeschke Mai Nguyen Stanislaw Borys Tina Málková Carmen Jansen op de Haar



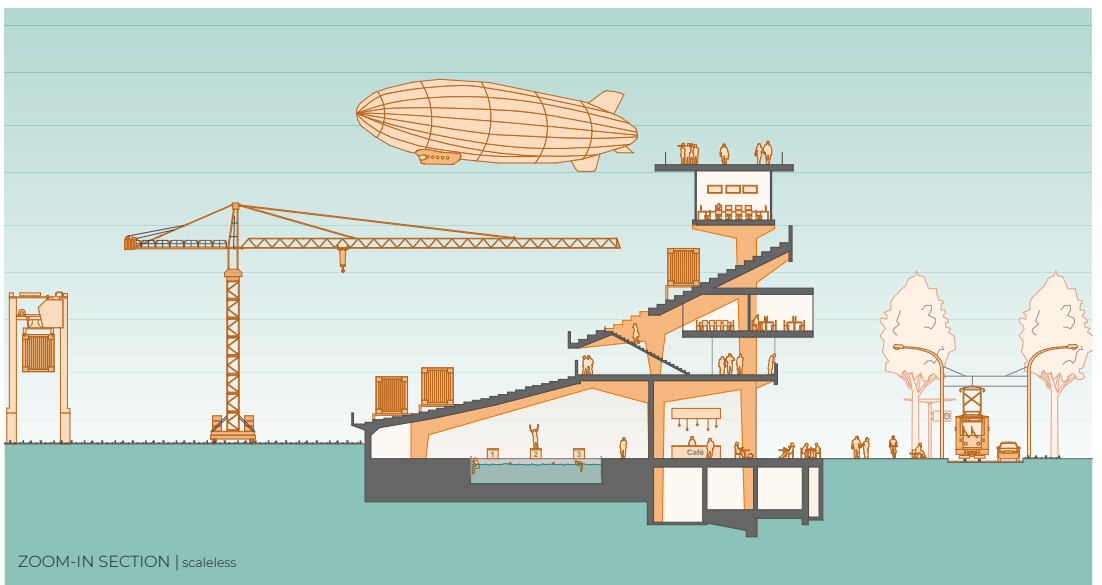
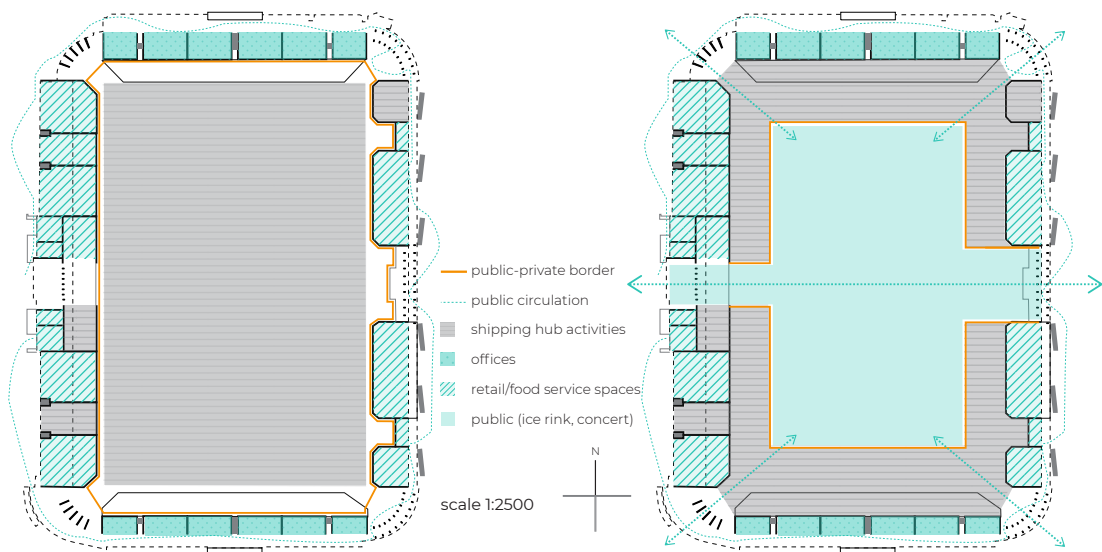
The Future of Strahov Stadium and Hill, Prague

International Workshop in Urban Design, Architecture and Landscape Architecture, 2022



PLAN | “everyday” use

PLAN | occasional use

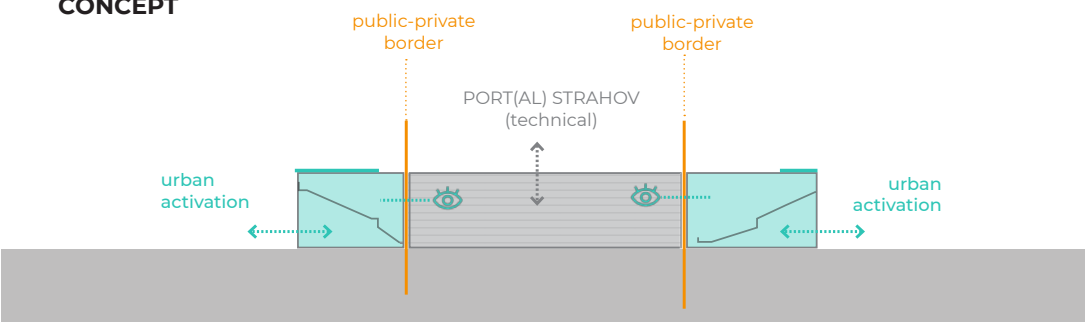


PORT(AL) STRAHOV: from past to future

Aleksandra Knop Emely Linke Eveliina Kunnaton Huyen Tran Tran Lucile Fahim Ludwig Fries Luísa Martins Václav Týn

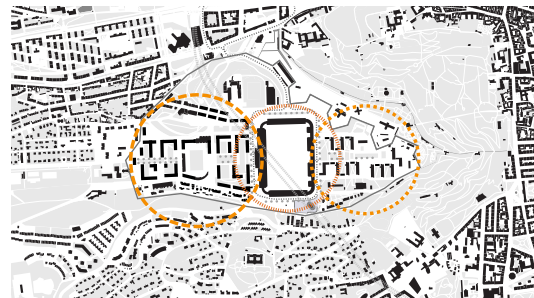
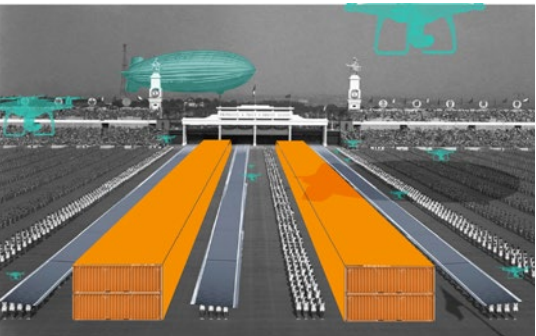


CONCEPT



TEMPORALITY SCHEME

time x space	ARCADE	STANDS	FIELD	PUBLIC ENTRANCE
EVERYDAY USE	retail/food service/offices	shipping hub (basic storage and shipping)	shipping hub (basic storage and shipping)	NO PUBLIC ACCESS
SPECIAL USES	retail/food service/offices	shipping hub (basic storage and shipping)	public events (concerts, festivals, etc.)	main gates on the sides and through the corners
IN 50 YEARS	retail/food service/offices	?	?	?



MASTERPLAN ZONING | 1:40000



MASTERPLAN PROPOSAL | 1:40000

