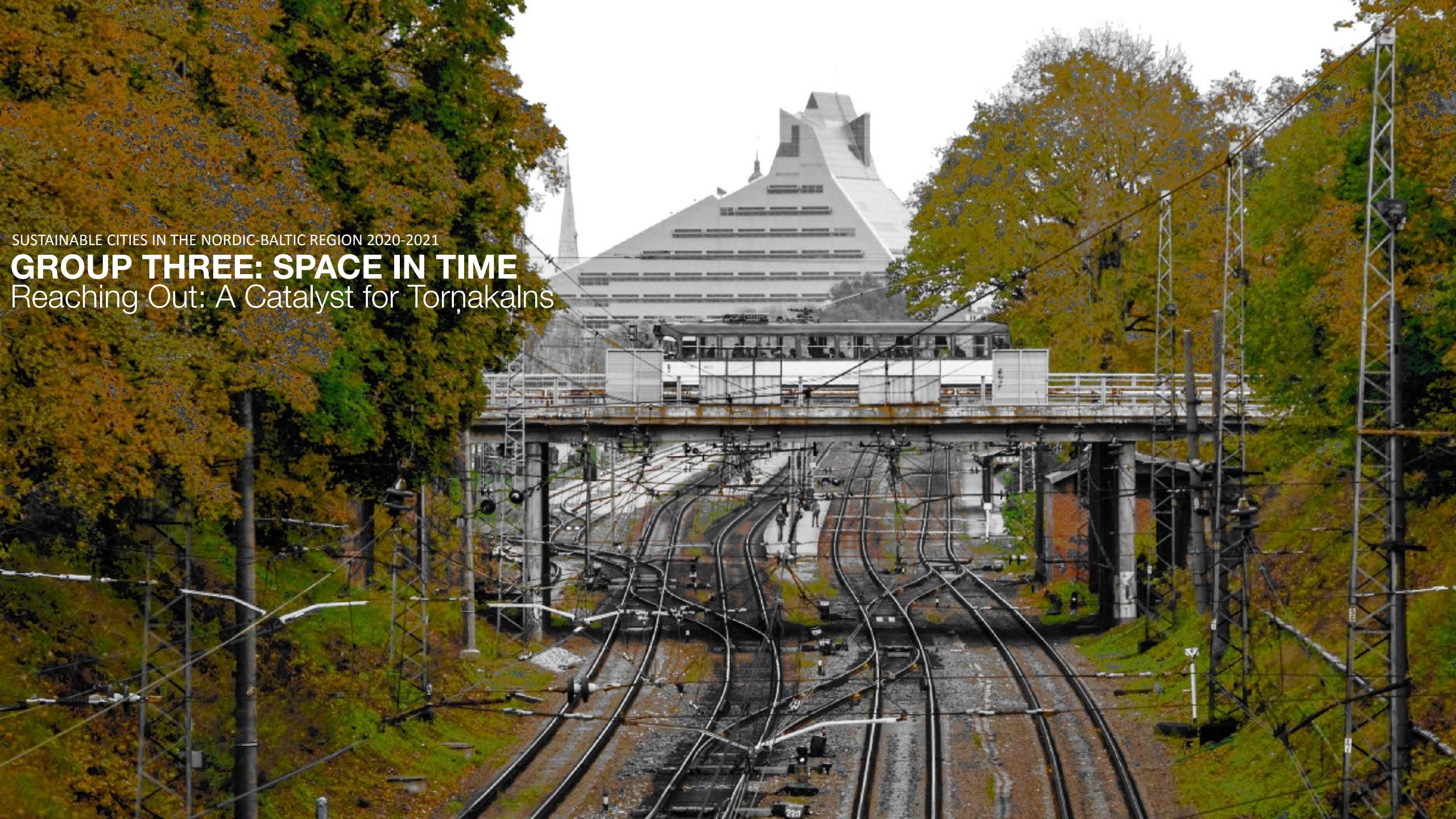


SUSTAINABLE CITIES IN THE NORDIC-BALTIC REGION 2020-2021

GROUP THREE: SPACE IN TIME

Reaching Out: A Catalyst for Tornakalns





DENISE ROQUILLE
HEALTH & SUSTAINABILITY



ERASMUS MSELEKU
ARCHITECTURE



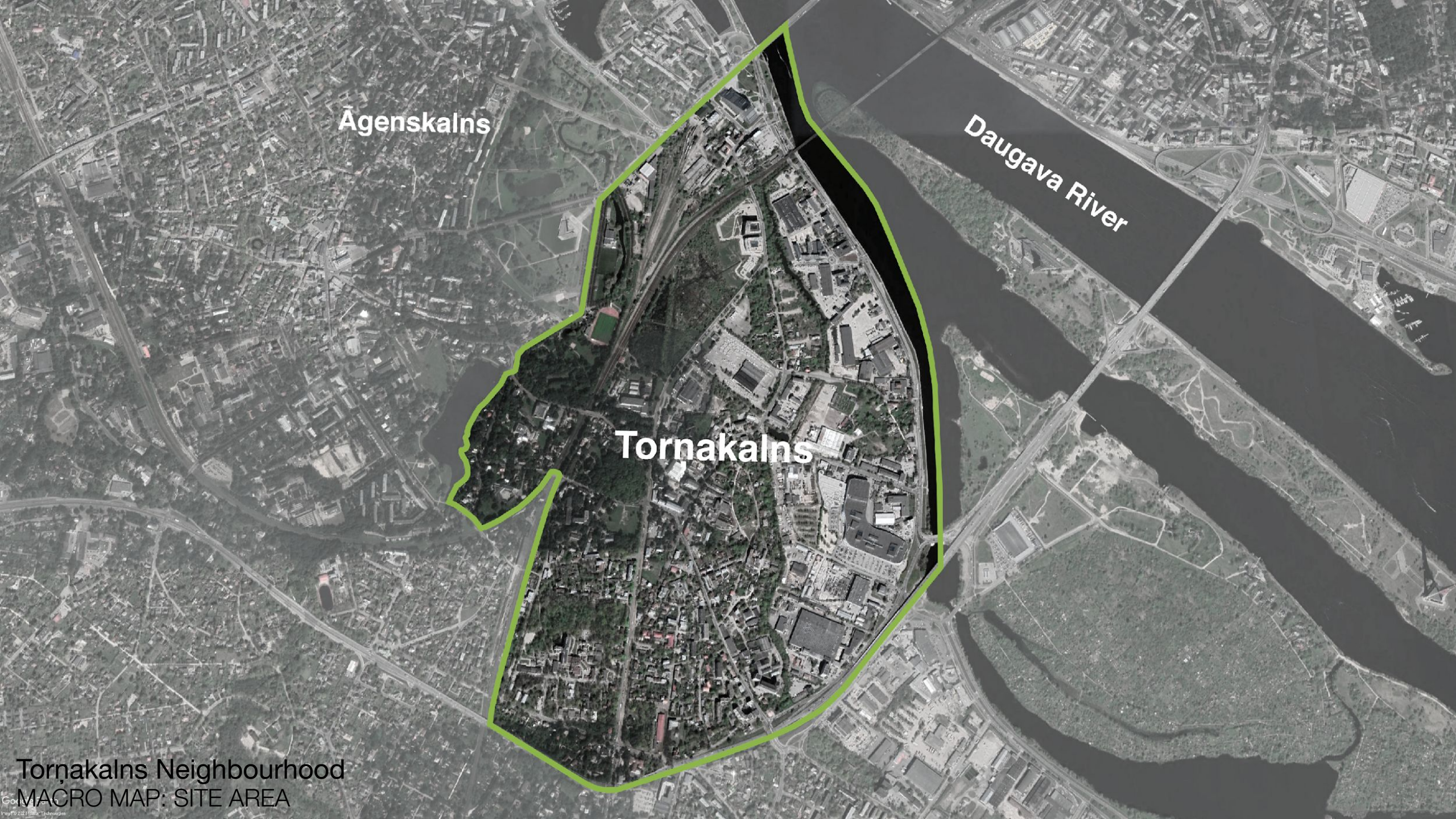
HARM JAN GRINWIS
DESIGN



MADARA RATKĒVIČA
SPATIAL PLANNING



MENTORED BY **ANNI MÜÜRIPAE**L



Āgenskalns

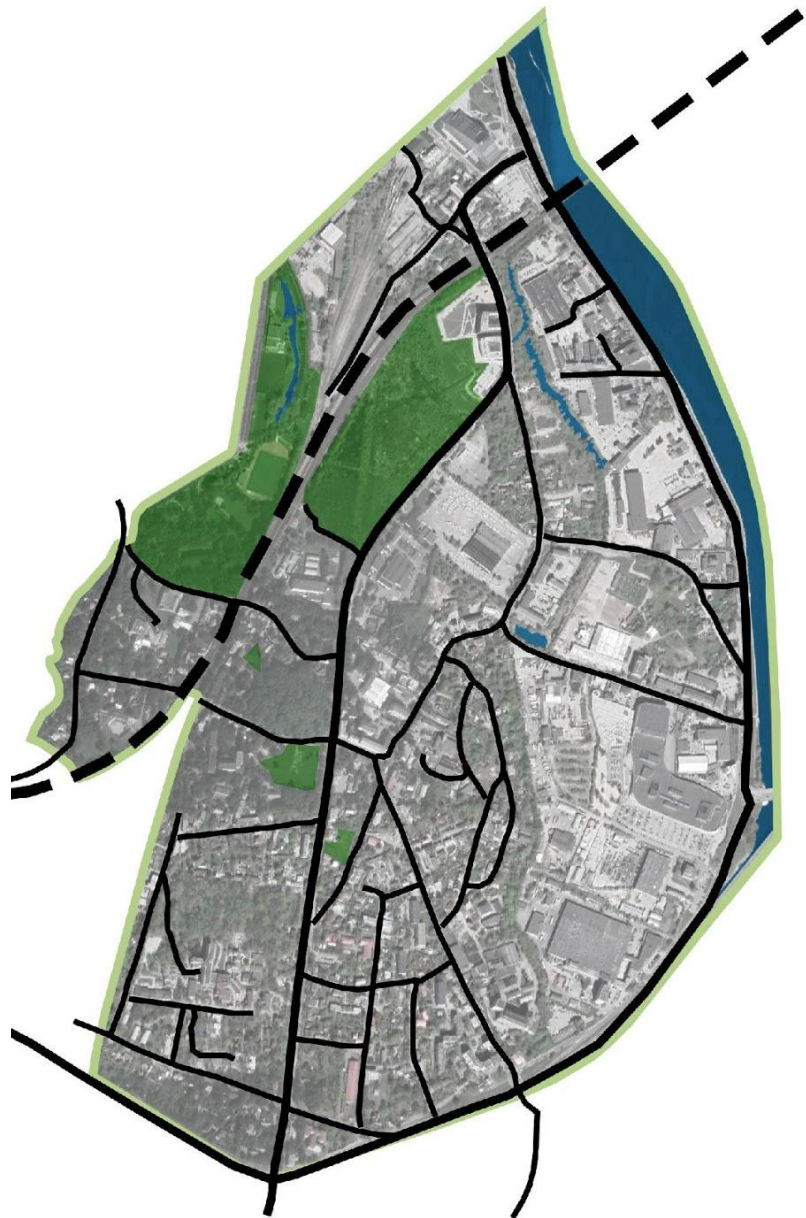
Daugava River

Tornakalns

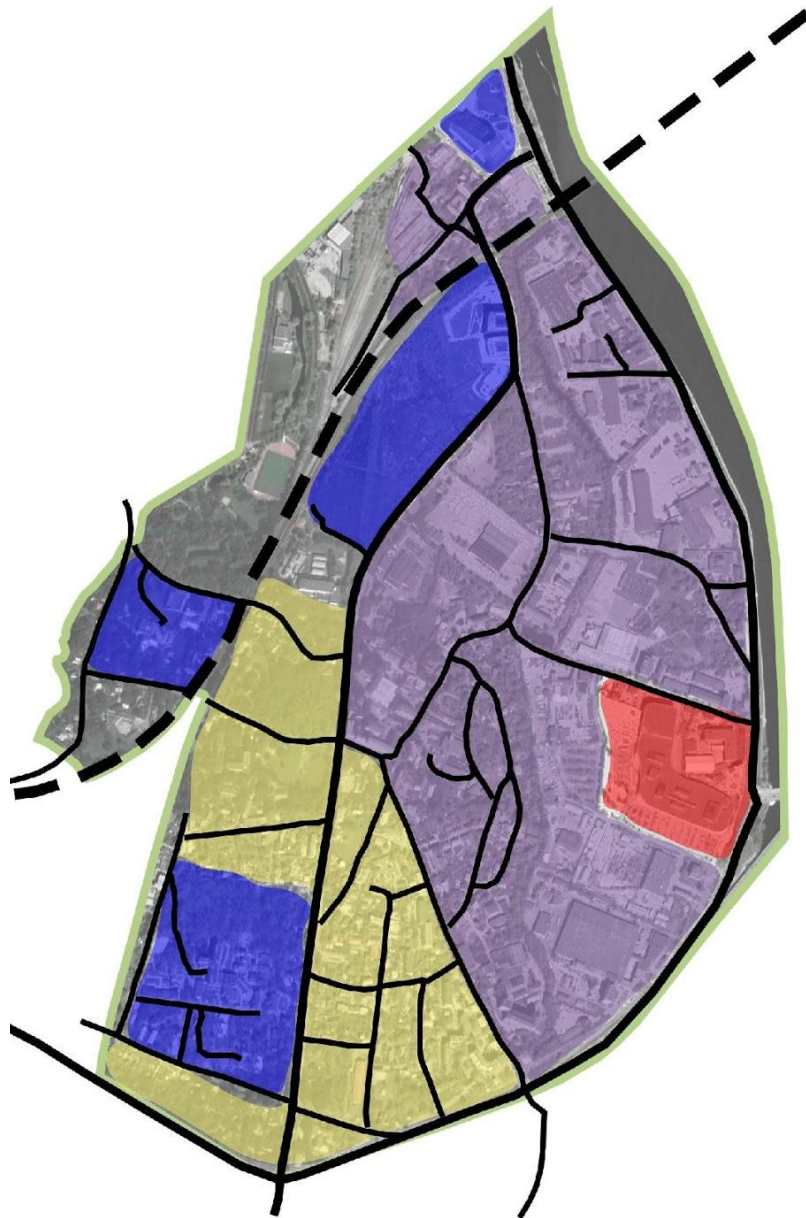
TORNAKALNS THROUGH LAYERS
URBAN FABRIC BREAKDOWN



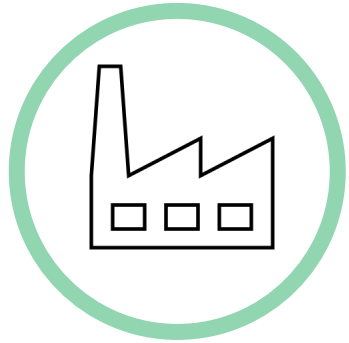
01. Movement network



02. Green & Blue Network (active)



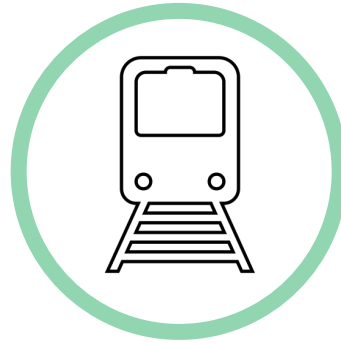
03. Current Urban Zoning



**MONOFUNCTIONAL
URBAN PROGRAMME**



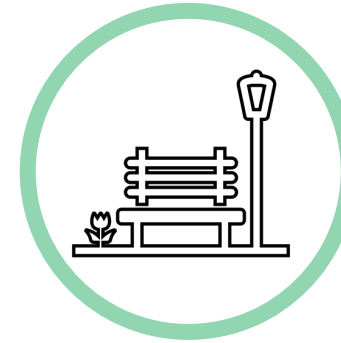
**CAR-DEPENDANT
MOVEMENT NETWORK**



**RAILWAY AS AN
URBAN BARRIER**



**SPARSELY
DEVELOPED LARGE
STRUCTURES**



**LACK OF ACTIVE
GREEN PUBLIC
SPACES & FACILITIES**



**HOMOGENOUS
URBAN POPULATION**



Mukusalas Iela



Jelvagas Iela



Vienibas Gatan

REACHING OUT

- The University of Latvia is positioned as the significant hub in the Torņakalns neighbourhood, forming part of Riga's "Knowledge Mile".
- As a **catalytic approach to future development**, we anchor the institute at the core of the region, bringing **opportunities** for new exciting interpretation of its landscape.
- By creating green and blue corridors and **putting public space first**, we are **reaching out to major nodes that have been disconnected** before.



DEFINING THE ROUTES



GREEN ROUTES
LEISURE



EXPERIENCING NATURE



PLACES TO RELAX



SPACES FOR INTERACTION



BLUE ROUTES
MOBILITY



MICROMOBILITY



LIGHT VEHICLES

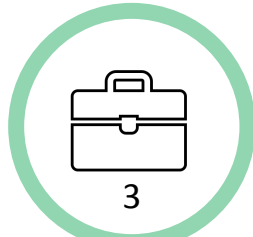
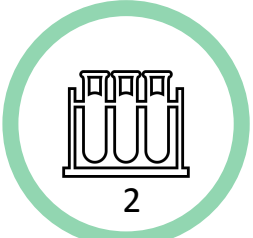
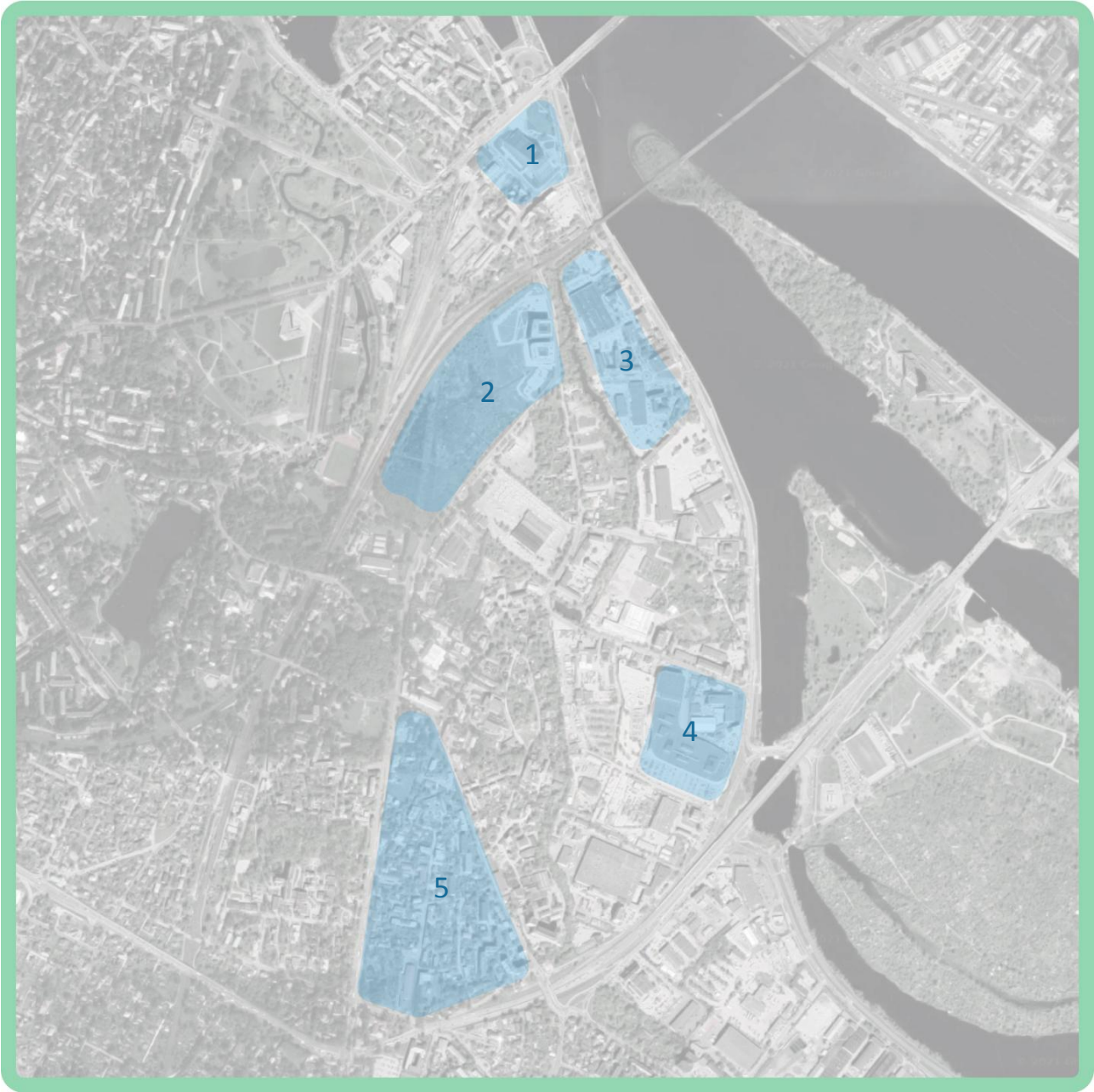


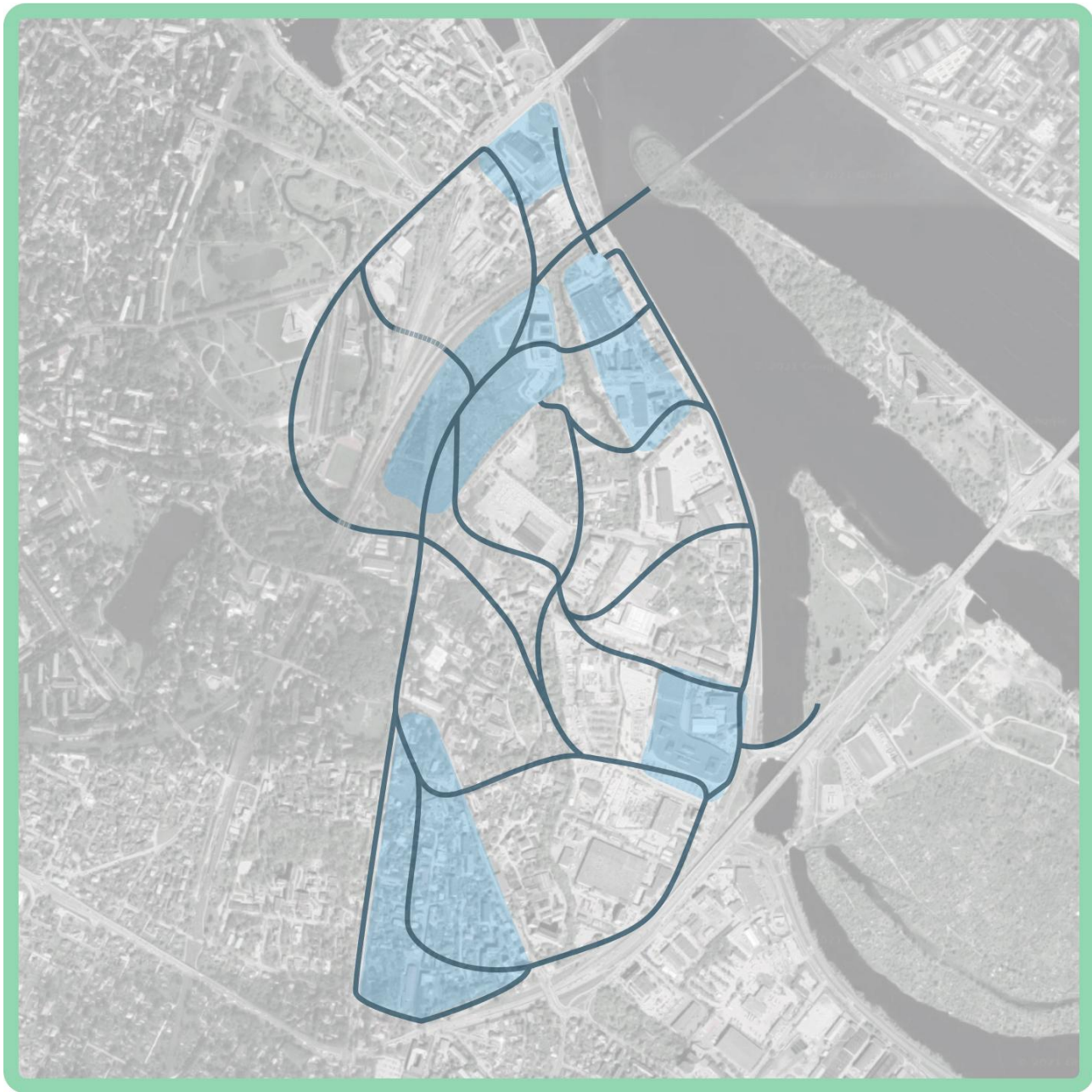
ENCOURAGING EASE OF MOVEMENT



Torņakalns Neighbourhood
CONCEPTUAL FRAMEWORK

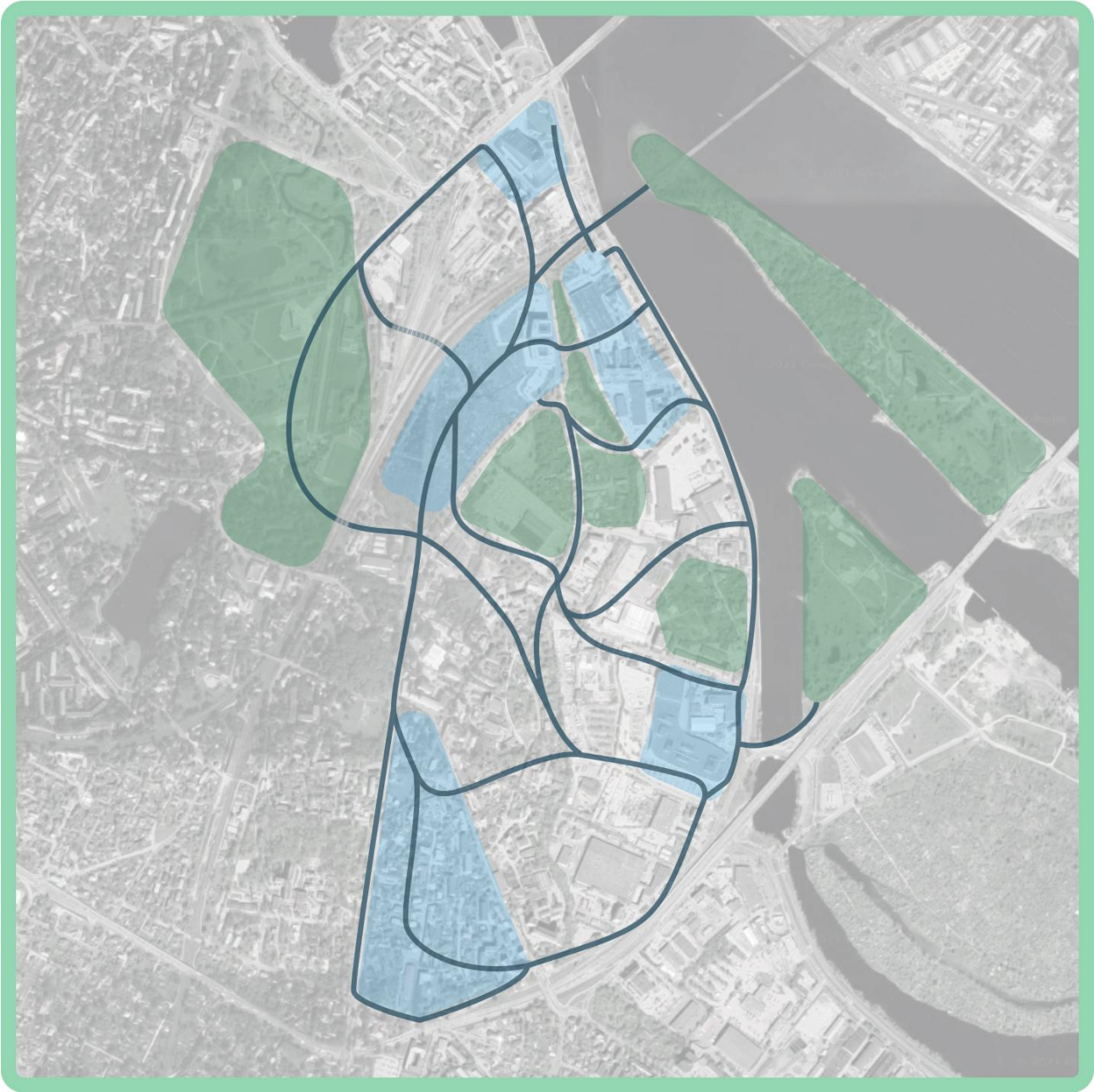
Torņakalns Neighbourhood
MAJOR NODES

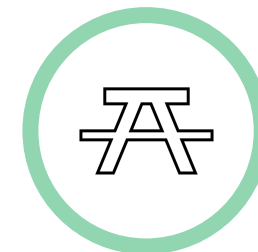
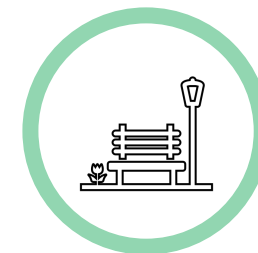
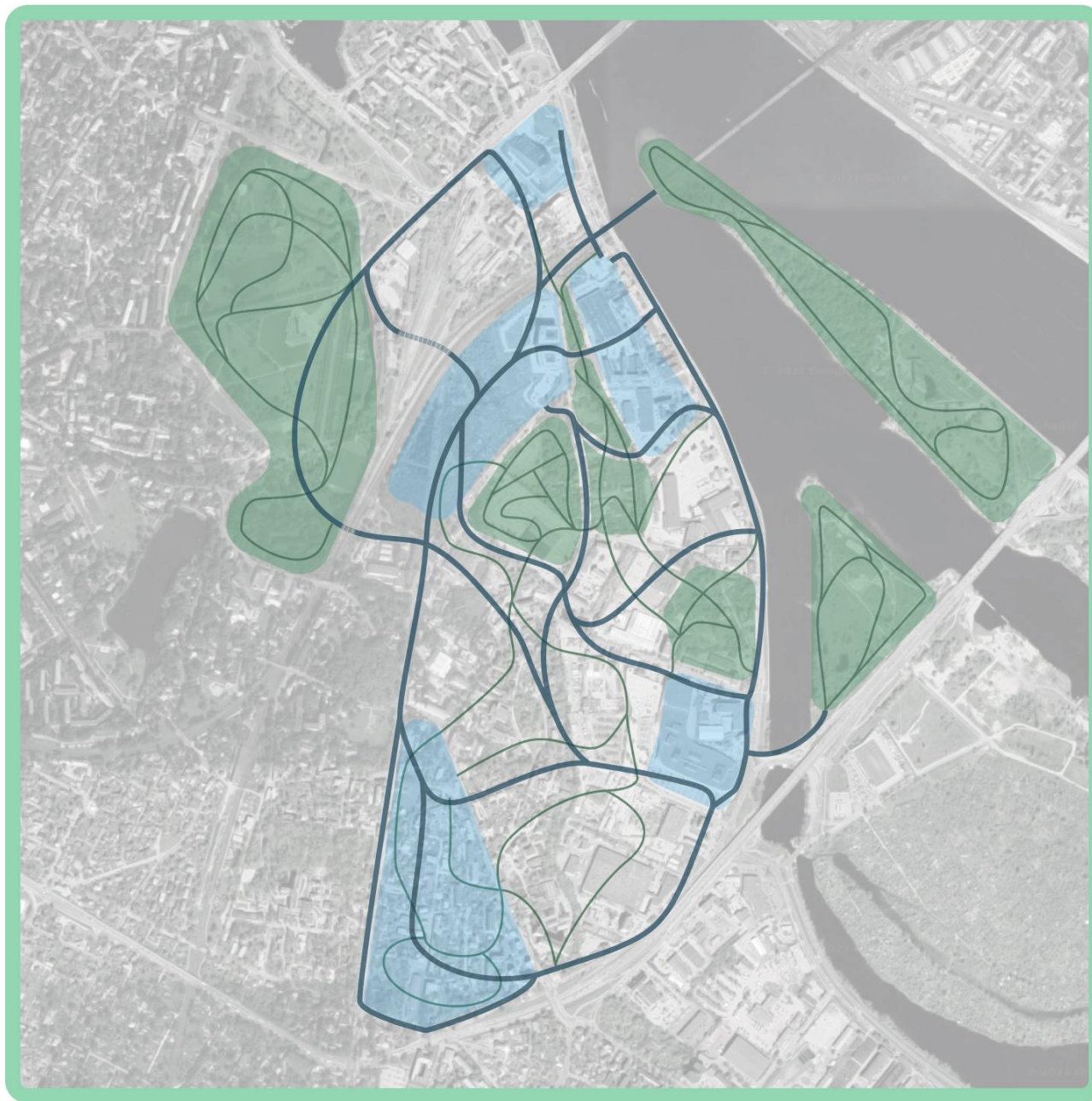




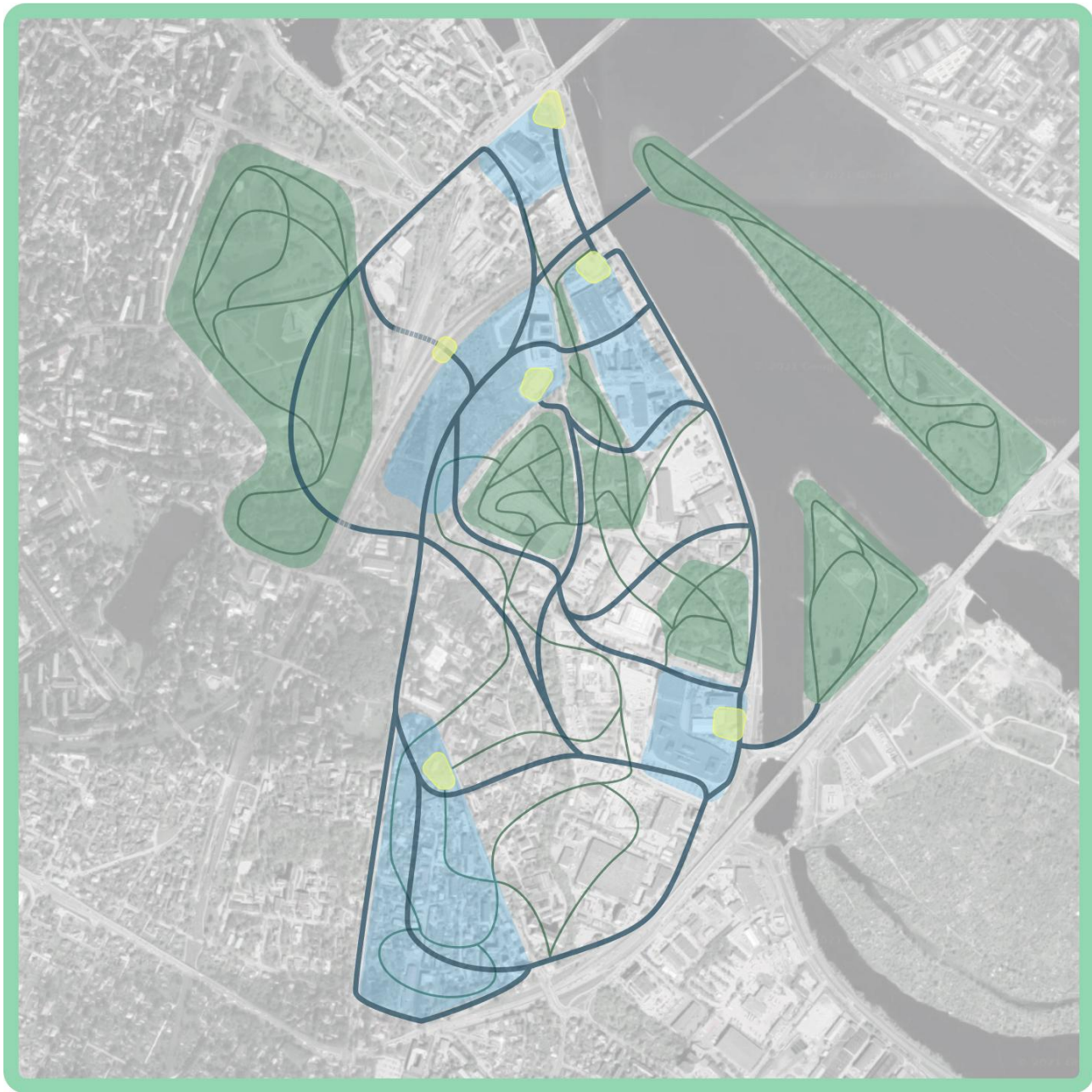
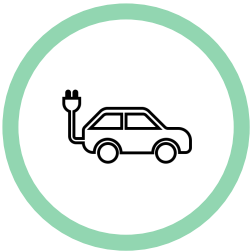
Torņakalna Neighbourhood
BLUE CONNECTION CORRIDOR

Torņakalns Neighbourhood
ACTIVATING GREEN POCKETS



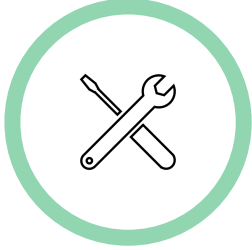
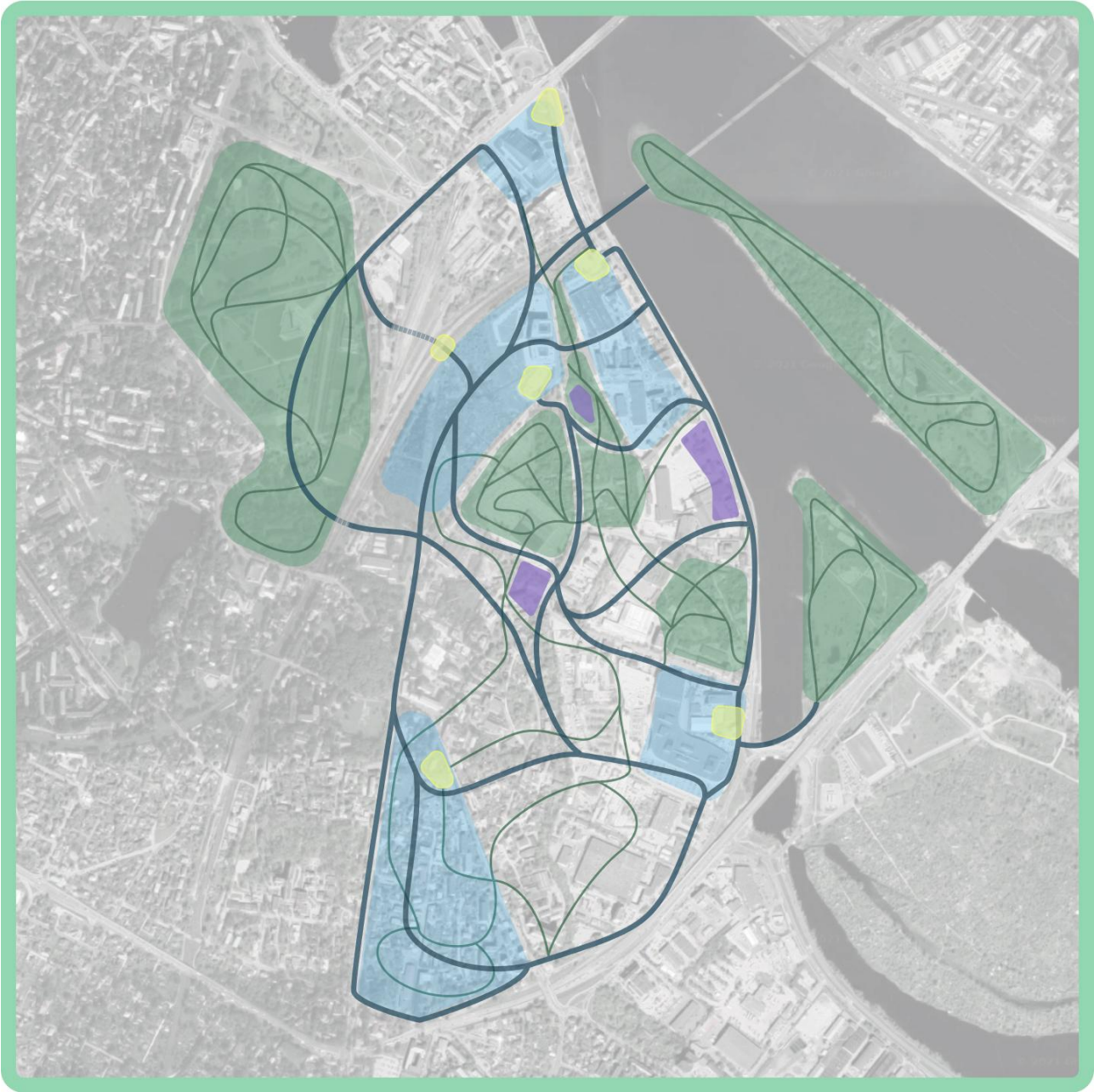


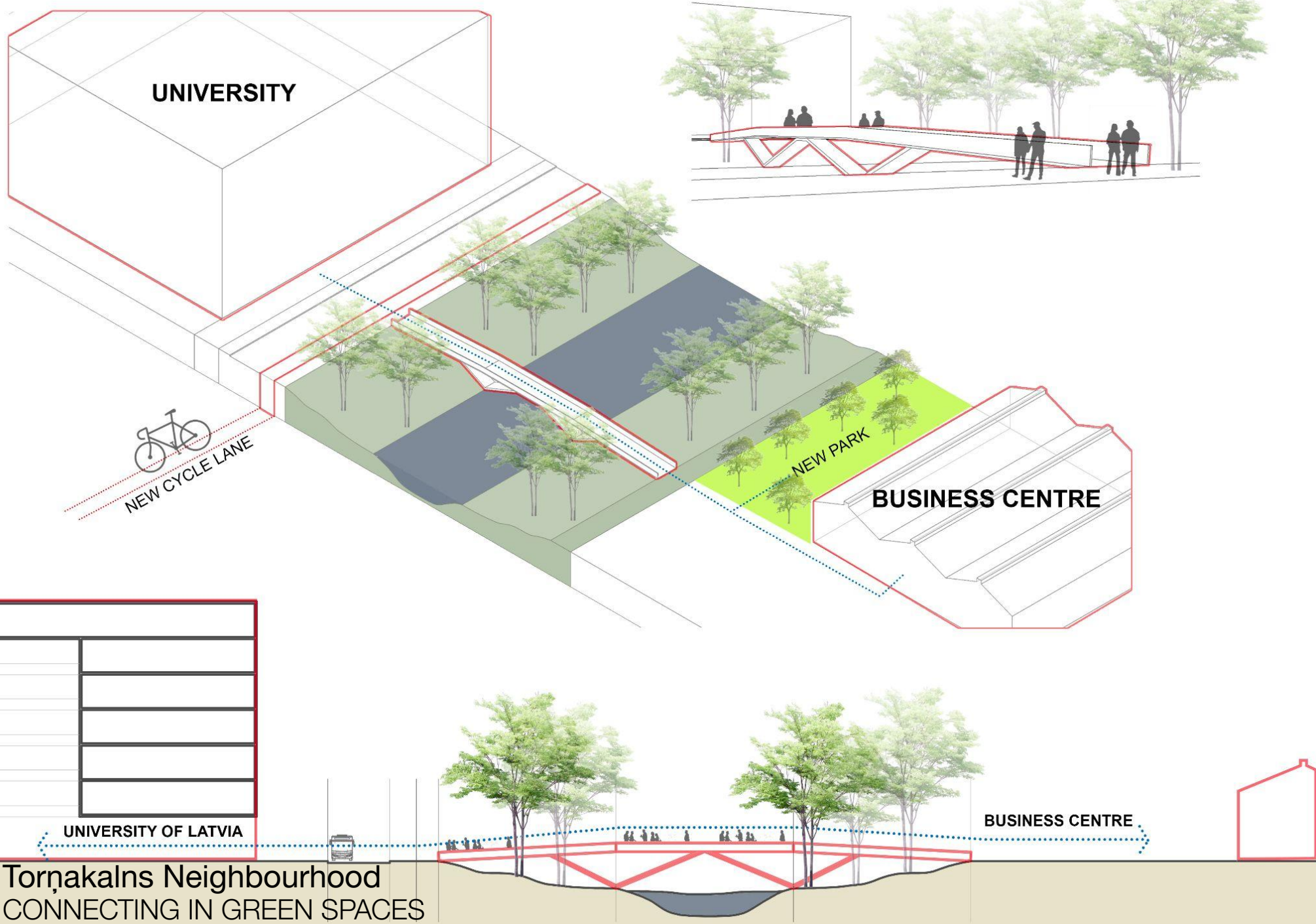
Torņakalns Neighbourhood
GREEN CONNECTION CORRIDOR

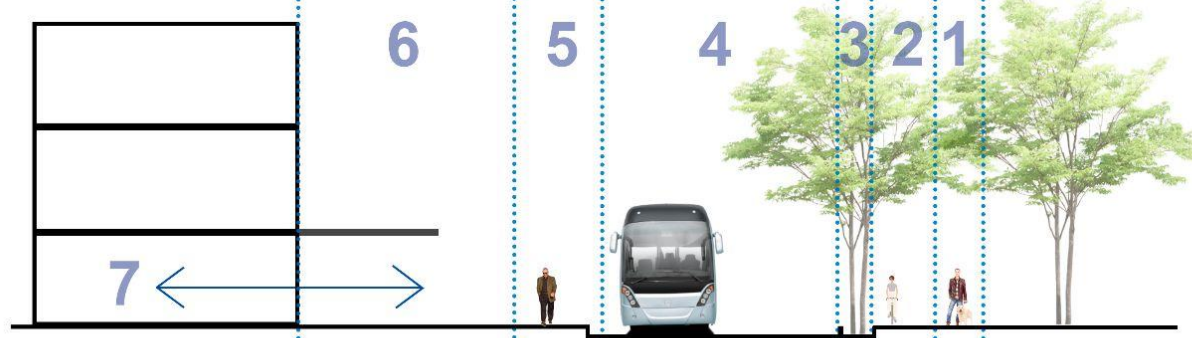


Torņakalns Neighbourhood
ENTRY ZONES

Torņakalns Neighbourhood
CONNECTION ZONES







LEGEND

1. Pedestrian lane
2. Bicycle lane
3. Green buffer
4. Slow moving vehicles
5. Pedestrian lane
6. Activity zone
7. Ground floor activation



Torņakalns Neighbourhood
IMPROVING MOVEMENT FLOW



HOUSE OF HANDSHAKES
BUSINESS × UNIVERSITY
INCUBATOR
OFFICE SPACES



HOUSE OF CRAFTS
WORKSHOPS & MAKERSPACE
REPAIR CAFE
COMMUNITY CENTER



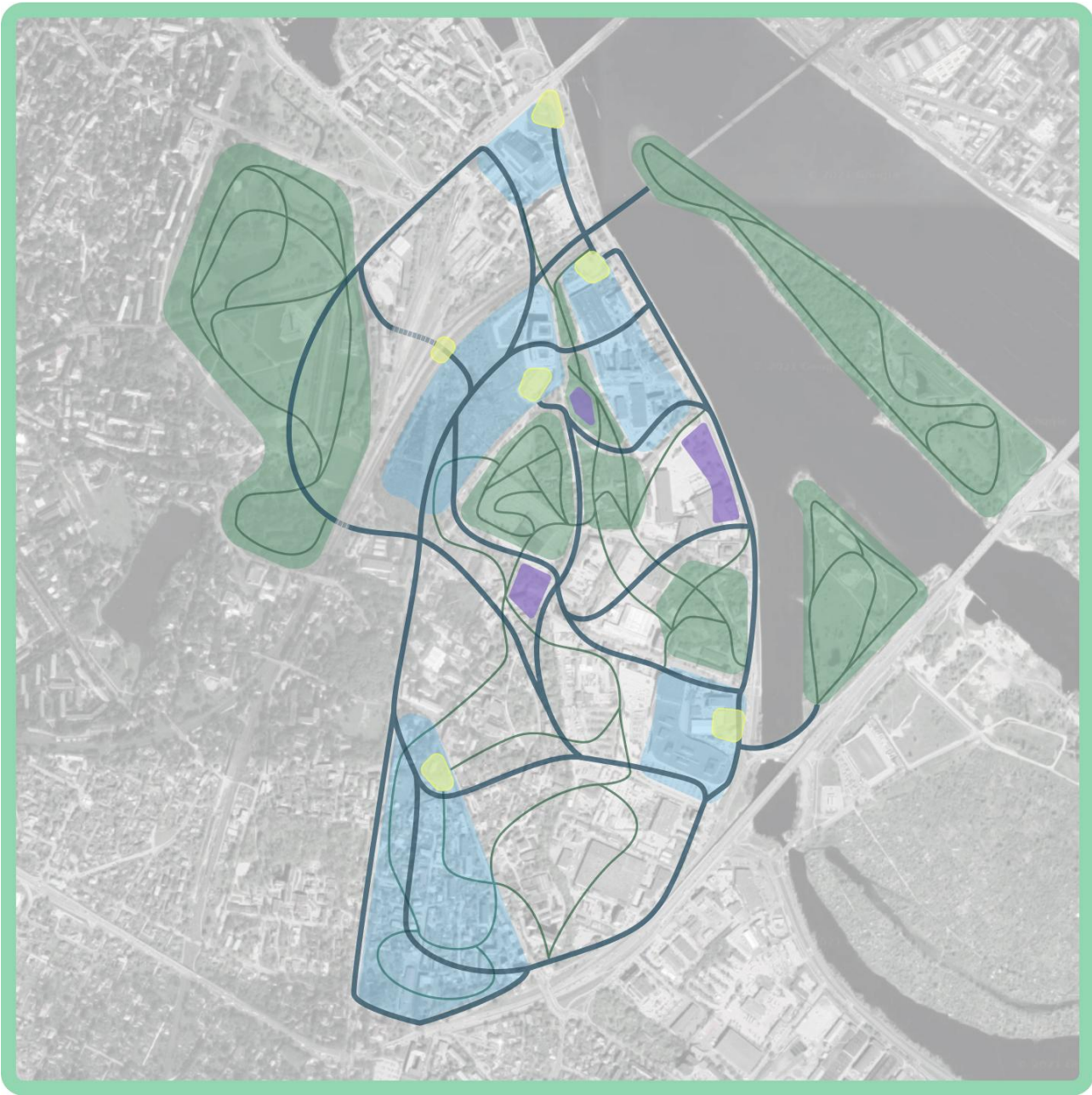
HOUSE OF REFLECTION
RELAXING WATERSIDE CAFE
ART & CULTURE
RESTAURANTS

SPACE IN TIME





Torņakalns Neighbourhood
DEVELOPMENT OVER TIME



THANK YOU

