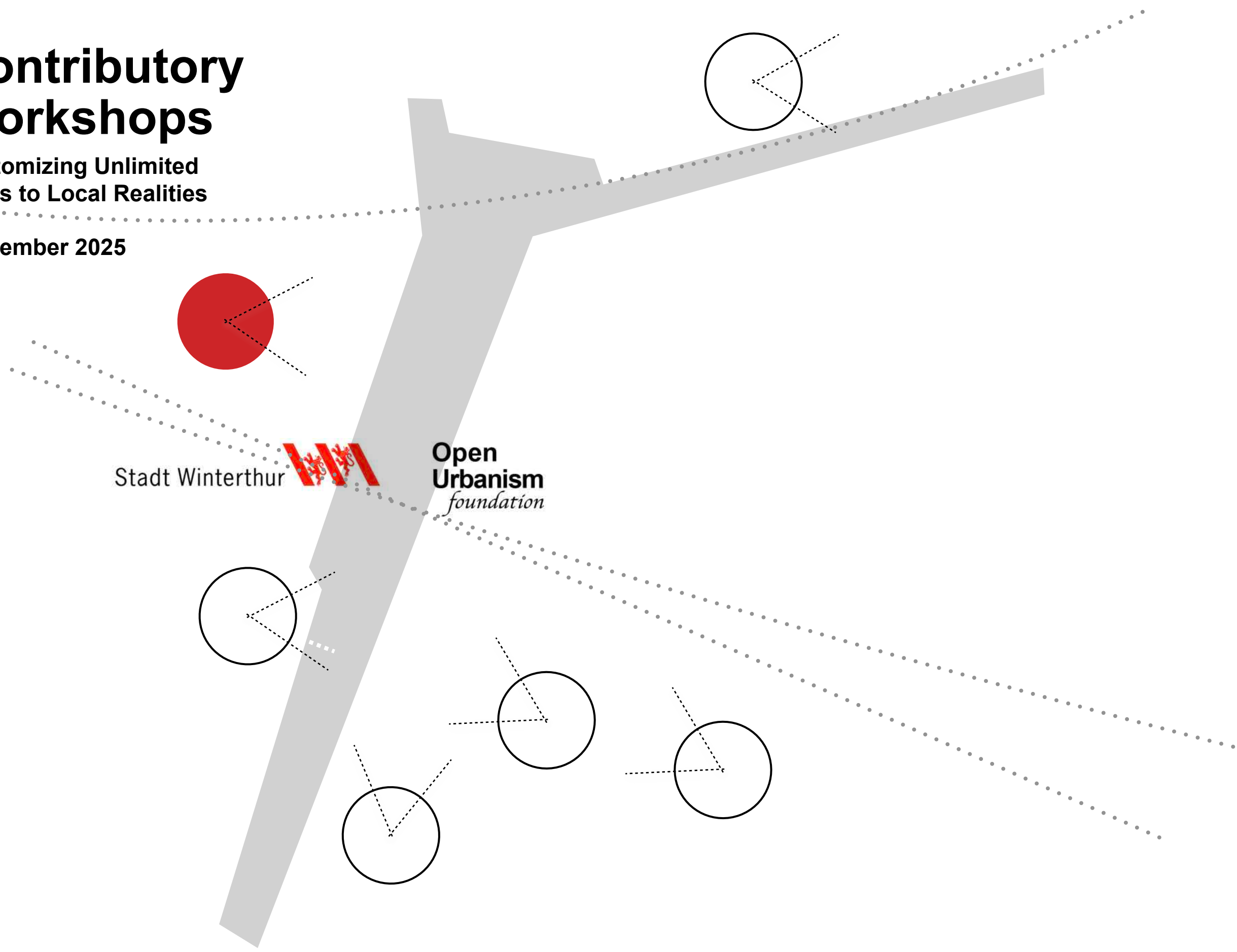


# Contributory Workshops

Customizing Unlimited Cities to Local Realities

September 2025



## Multigation Research Context

The Grüze Plus district of Winterthur in Switzerland is one of the selected sites with Başakşehir in Turkey for the pilot phase of the research project Multigation, part of the Driving Urban Transition program (DUT) co-funded by the European Union.

## Research consortium



Cooperation partners : Ayuntamiento de Pamplona, Comune di Bergamo, Coventry University Fab Lab Coventry, ENoLL European Network of Living Labs, République et Canton de Genève, VITO Voor Technologisch Onderzoek N.V.

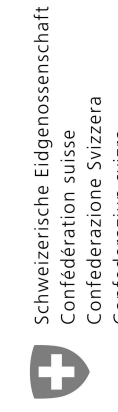


Driving Urban Transitions



Co-funded by the European Union

Co-funded by BOKU  
Bosnyak Robert Office of Energy



Design and Production: Open Urbanism Foundation



# Research Program | DUT

## Driving Urban Transitions to a Sustainable Future

DUT Partnership in a nutshell

## Research, Innovation and Beyond

**A public-public partnership to facilitate an innovation eco-system for urban transitions**

### Vision & Objectives

The DUT Partnership steps up the game to tackle urban challenges. Through research, innovation and capacity building we enable local authorities and municipalities, service and infrastructure providers, and citizens to translate global strategies into local action. We develop the skills and tools required to make urban change happen and boost the urgently needed urban transformations towards a sustainable future with enhanced quality of life in cities.



**Objective 1:**  
**Increase the effectiveness of urban solutions, approaches and processes**

City administrations express that integrated planning is crucial for sustainable urban development. This implies the necessity to connect different areas of knowledge and practice, and focus on conflicts between different strategies, policies, and interests. To make this happen, a transformative R&I program with tailored instruments to address the most stressing issues is urgently needed.

Therefore, DUT will take action and launch annual calls for transformative research and innovation projects to provide funding for a diverse array of perspectives, approaches and processes. Projects are required to collaborate across sectors and between different types of actors that are involved in urban transitions.

**Objective 2:**  
**Shape a multi-actor innovation ecosystem on urban transitions**

By creating an urban innovation ecosystem DUT provides opportunities for science, policy, business, and society to interact, collaborate and build capacities to meet the needs of urban actors and society.

DUT will support the involvement of urban actors in co-designed research projects to tackle challenges identified by urban stakeholders and problem owners. Offering urban actors a role in all phases of innovation projects, is also a way of empowering them to take the stage in the transition.

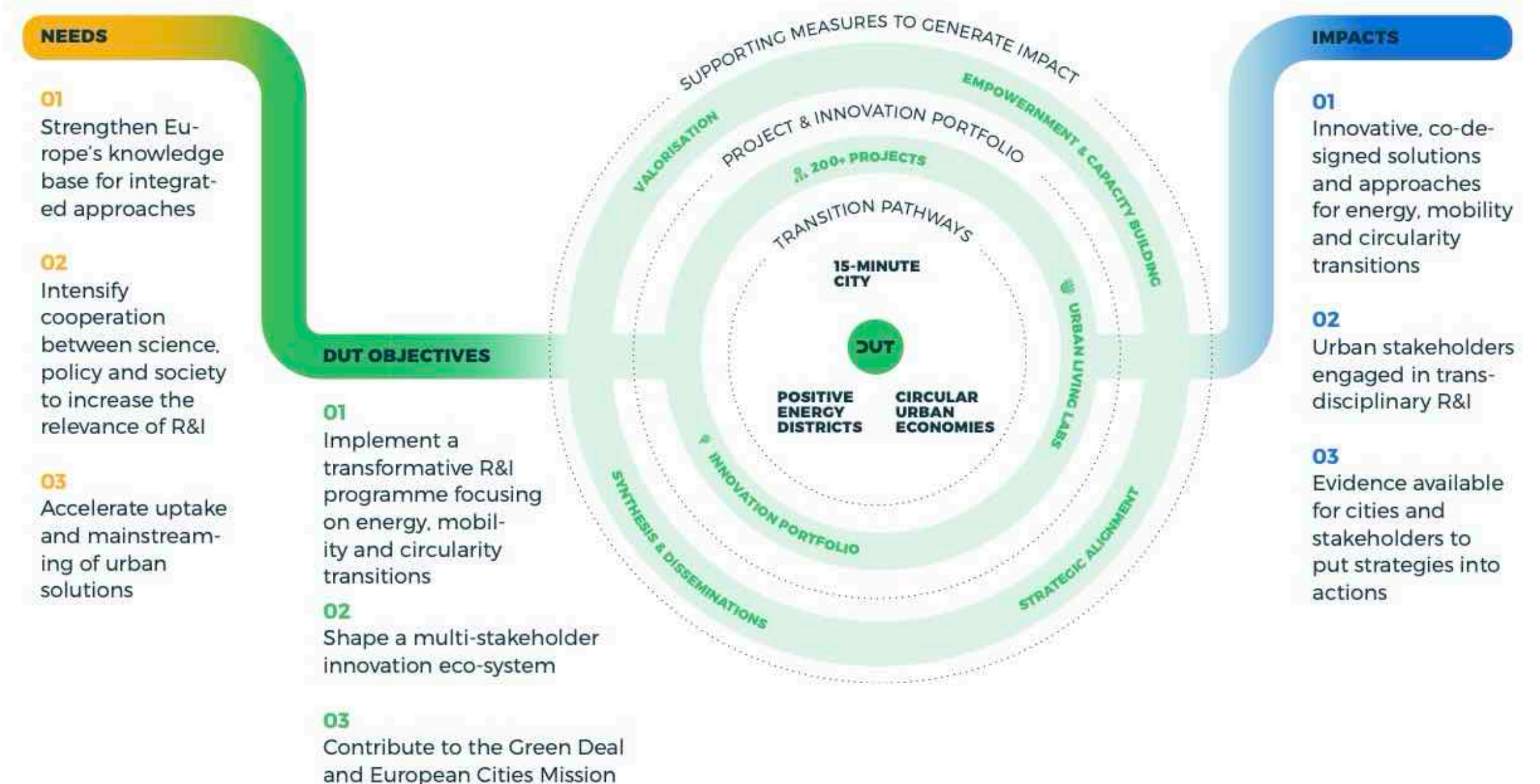
**Objective 3:**  
**Strengthen benefits for neighbourhoods and urban areas across Europe**

The DUT Partnership aims to ensure that good practices and evidence is made available and accessible for urban actors across Europe and support dissemination and mainstreaming of solutions. This contributes to a strong European Research Area and benefits city authorities and administrations of different sizes and contexts.

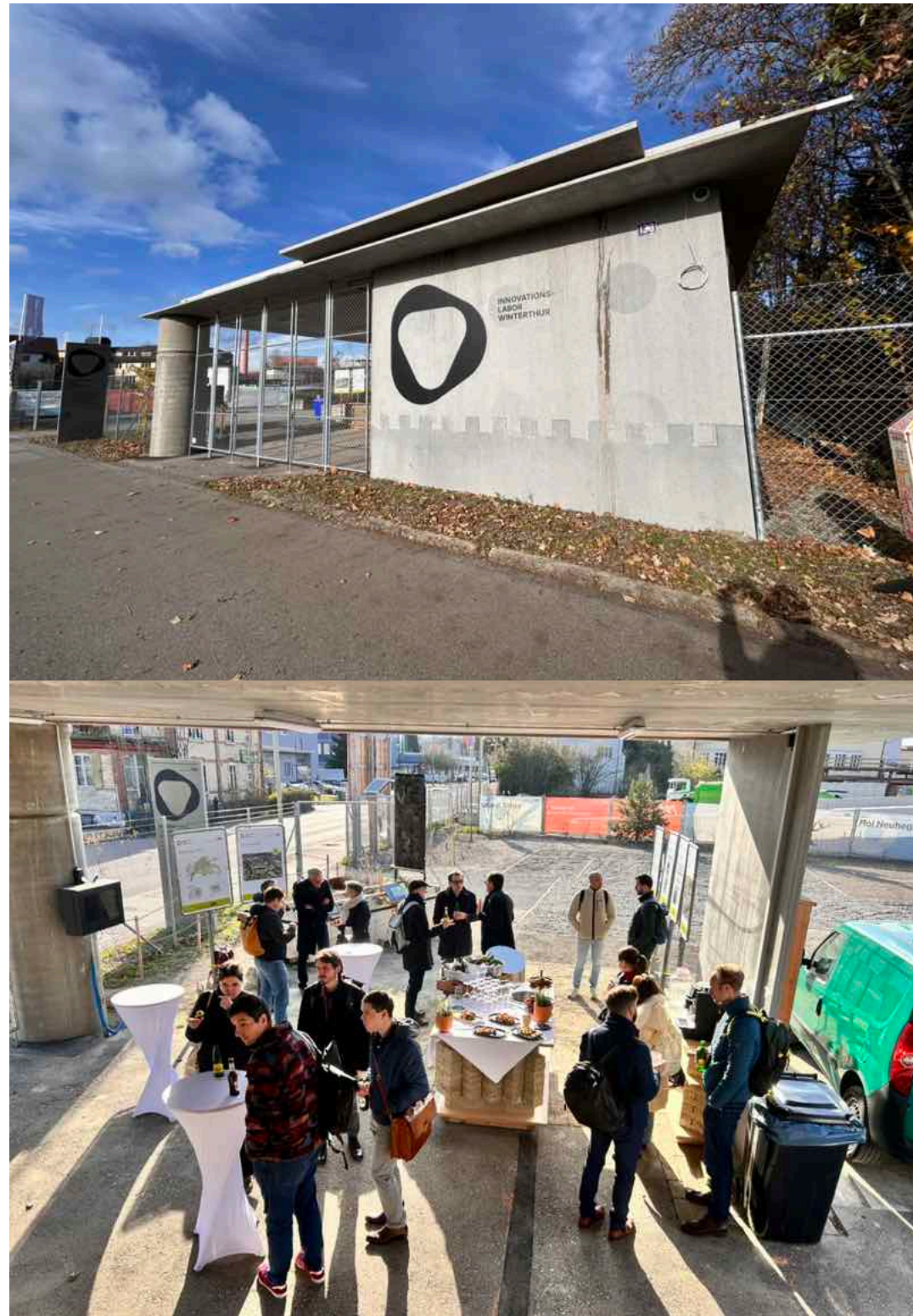
DUT will also be positioned as the European hub for international cooperation on sustainable urbanisation.

*"Transformational change will be local or will simply not be."*

- United Cities and Local Governments in Durban Political Declaration 2019.



# Winterthur Context | Grüze + In coming years



**Winterthur is growing and will continue to do so in the coming years.**

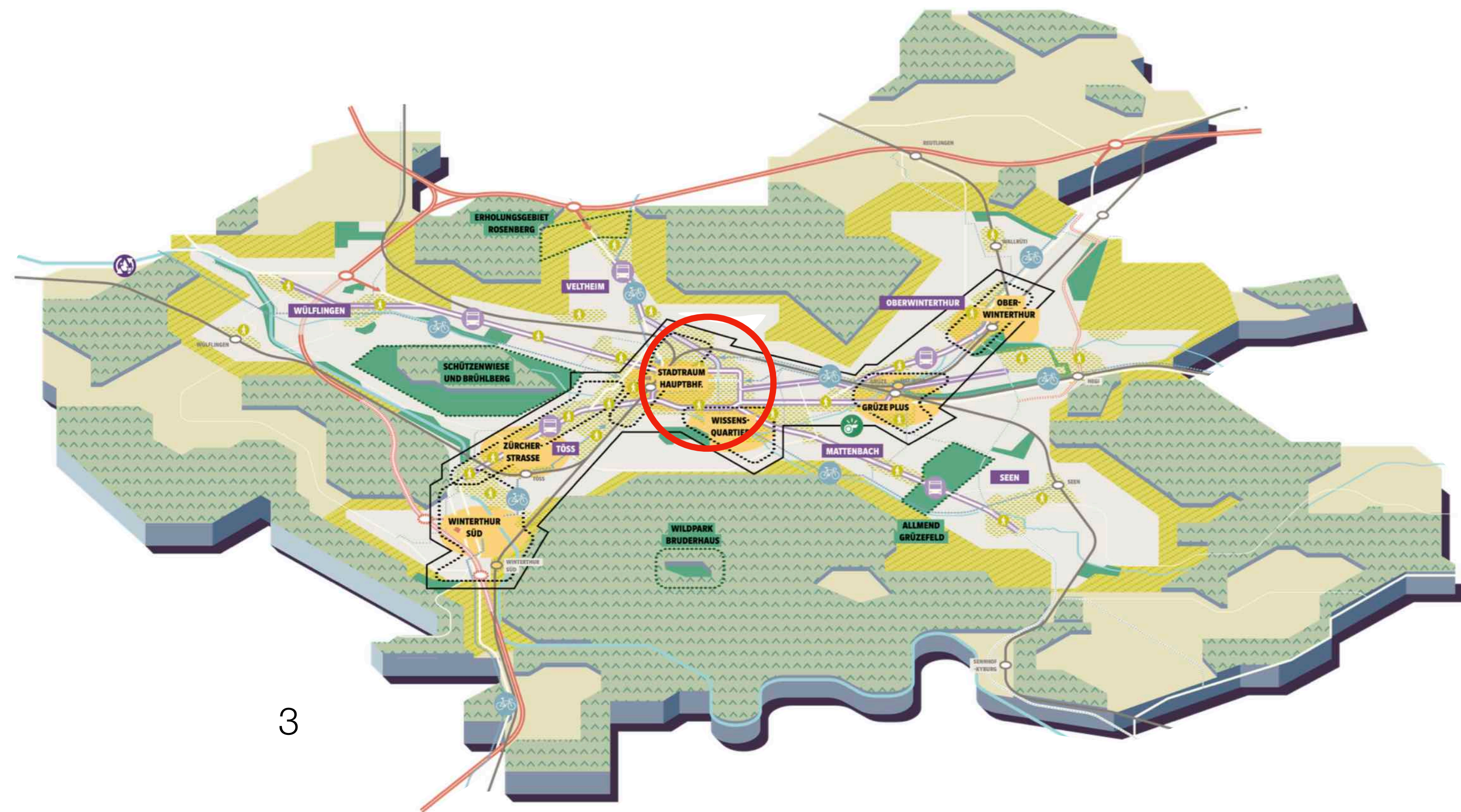
**Where will people live, work, and study in the future? How will they move around the city? Where will they spend their free time? How will natural and open spaces be preserved and enhanced despite the pressure of densification?**

The "Spatial Development Perspective Winterthur 2040" (W2040) sets out the basic principles of urban, transport, and open space development for the growing city. It forms an important basis for the municipal structure plan that is now available.

The structure plan outlines the measures the city will take to create the necessary living space and how it will coordinate this with cantonal, regional, and other municipal requirements.

The municipal structure plan is a binding control instrument for the authorities: in future, the administration and politicians must base their decisions on it.

Once approved by the Building Department, the structure plan will also become binding for cantonal authorities. It serves as a guide for planning experts and private individuals.



# Strategic & Operational Management | Multigination



**Open Urbanism**  
*foundation*

*Open Urbanism Foundation: Associated Partner of World Urban Campaign UN-Habitat*

The Open Urbanism Foundation responds to the need for cooperation platforms expressed by the UN-Habitat New Urban Agenda. The Foundation participated in drafting the principles of Open Urbanism and develops civic-tech visual collective intelligence tools that empower civil societies and integrate them into urban transition processes.

## Open Urbanism Partners



## Sharing Universal Open Urbanism Principles & Civic Tech Platforms Worldwide

These principles and civic tech platforms are shared as commons with governments, public and private actors, NGOs, and researchers. It is what Unlimited Cities belong to the good practices highlighted by UN-Habitat since their presentation at the Habitat III conference by the members of the Fondation and the 7 Billion Urbanists network with professors of the Central University of Ecuador.

Because of their open and common nature, these principles, methods, and platforms benefit from contributive dynamics. They are continuously improved and shared by users, paving the way for progress through knowledge exchange and guaranteeing universality by allowing free adaptation to any cultural, social, or geographic context.

## Envisioning the Long-term Dissemination of Multigination Research

The Open Urbanism Foundation is a non-profit organization based in Vernier, Canton of Geneva. By conviction and according to its statutes, the Foundation only takes part in collaborative research projects whose results can be shared under free and open-source licenses, as is the case for Multigination.

This ensures that the Foundation can continue to share the Multigination approach well after the research ends in 2026. Networks of researchers and cities, as well as the international 7 Billion Urbanists network, will be able to use and further develop the Multigination approach, adapting it to changing contexts. The open framework used for Multigination (Creative Commons CC BY-SA and GNU AGPLv3 licenses for the software) grants no exclusivity to the Foundation; any actor, provided the licenses are respected, can use and distribute Multigination.

## Large-scale Open Innovation For All

In the recent past, public and professional actors rightly noted the difficulty of reaching all audiences and sometimes even doubted public interest in urban and territorial transformation. Those days are over.

Today, the development of open urban planning methods and civic tools for visualizing collective intelligence enables the creation of collective design-thinking processes within urban living labs. In these creative environments, all stakeholders and civil society are empowered to co-invent, in collaboration with municipalities and their urban planning departments, new forms of human habitat that are rich in meaning and aspiration, as they are shaped by the co-construction of new, sustainable, and high-quality ways of living.

### Unlimited Civic-tech Workshops and projects

- Mali
- Mexico
- Morocco
- Poland
- Russia
- Spain
- Switzerland
- Taiwan
- Uk
- Usa
- Australia
- Belgium
- Brazil
- Canada
- China
- Denmark
- Ecuador
- Finland
- France
- Germany
- India
- Italy
- Japan

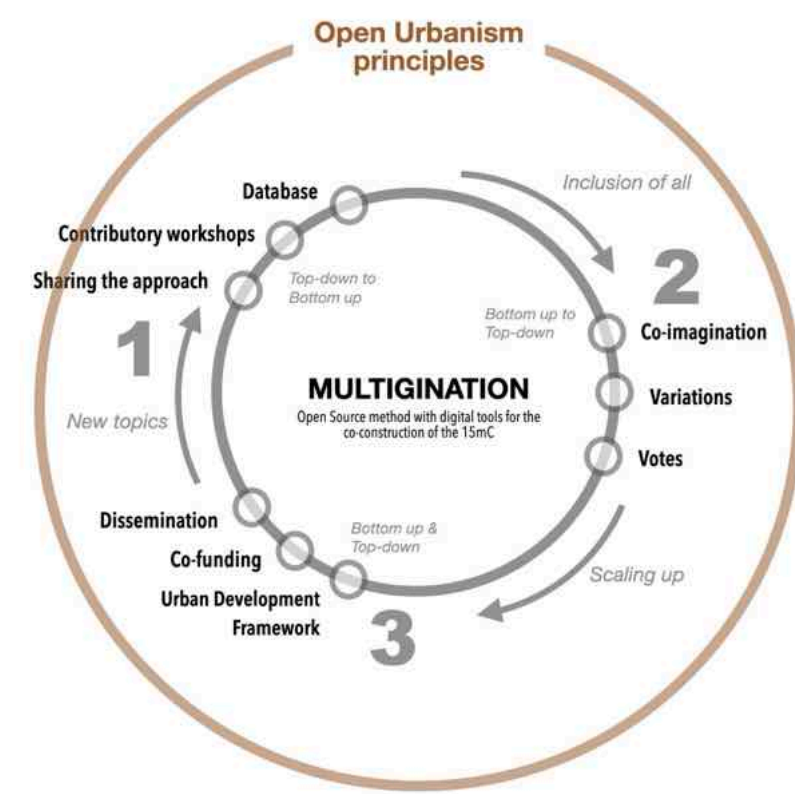
Unlimited Civic-tech Initiative by Host Lab 2010  
Unlimited Cities is a GNU Free Software AGPLv3 ©HOST Lab,  
Rennes FR, Montpellier FR, Wuhan CN, Saint-Nazaire FR, Taipei,  
TW, Randers DK, Quire ED, Grenoble FR, Antilles CH, shared  
by the Open Urbanism Foundation



# Urban Planning as a Living Process

Imagine that the vision of the city is represented by a white urban model offering numerous technical advantages for sustainability : this is the skeleton. Now imagine that this model incorporates the diversity of ideas contributed by citizens and stakeholders during the co-imagination phase: this is the flesh, and the whole thing adapts to the progress of the projects.

Sharing this vision means making urban transition everyone's concern.

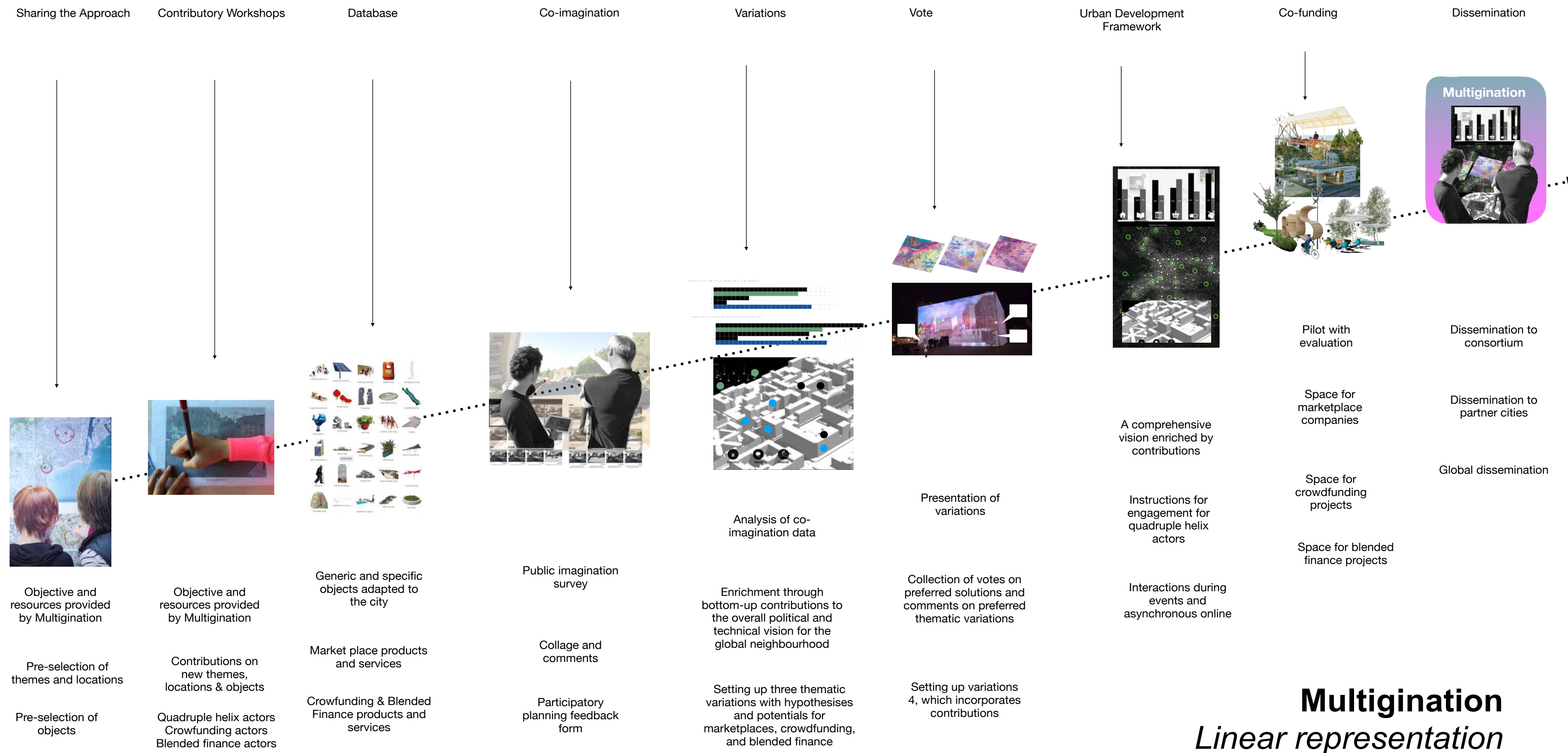


# Multigation | Method

## 1 Necessary Conditions Top-Down Foundation

## 2 Collaborative Catalysis Bottom-Up + Top-Down

## 3 Systemic Urban Transition Integration and Scaling



## Multigation Linear representation

### Multigation Partners



### Supports

# Winterthur

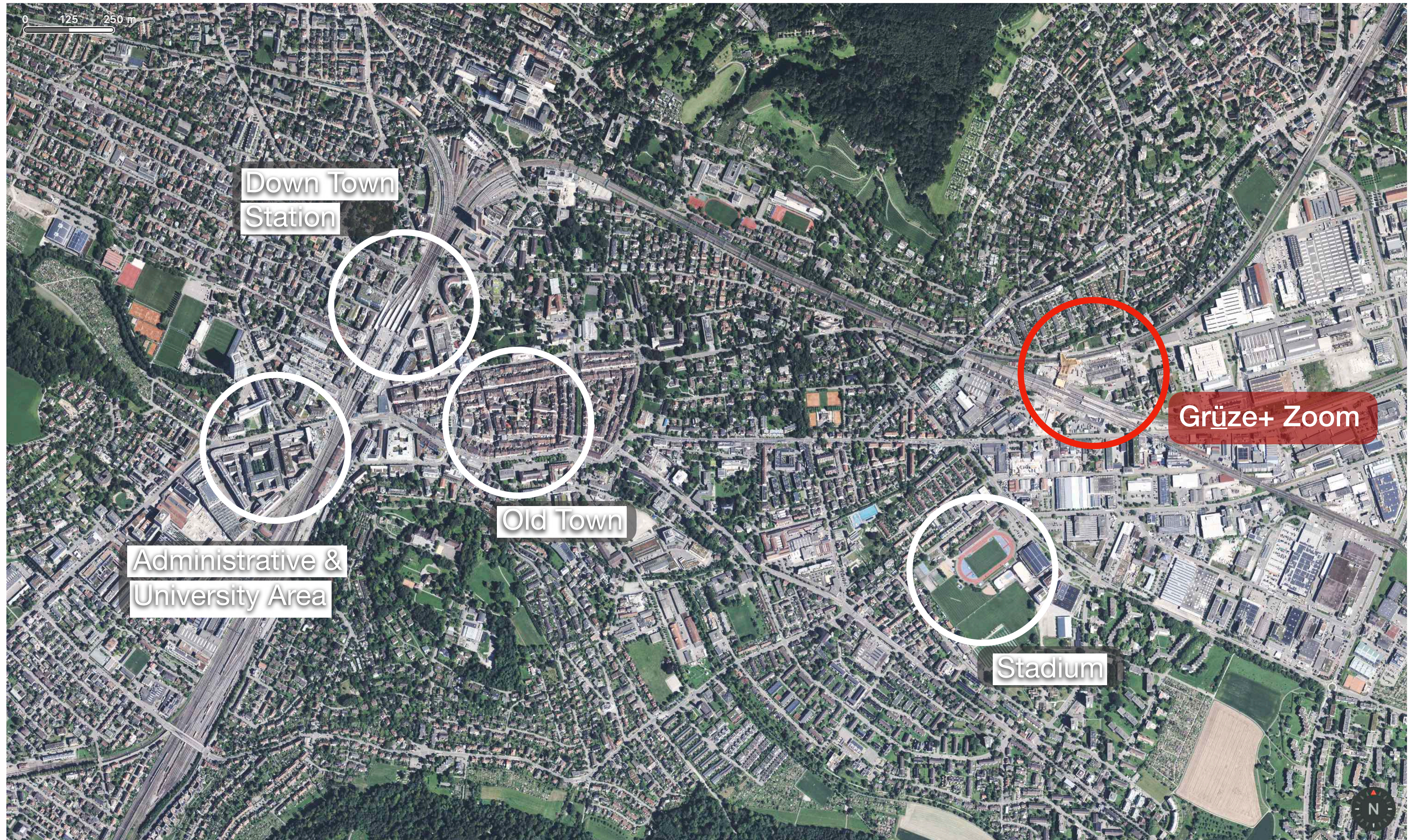
# General View

0 1 2 km



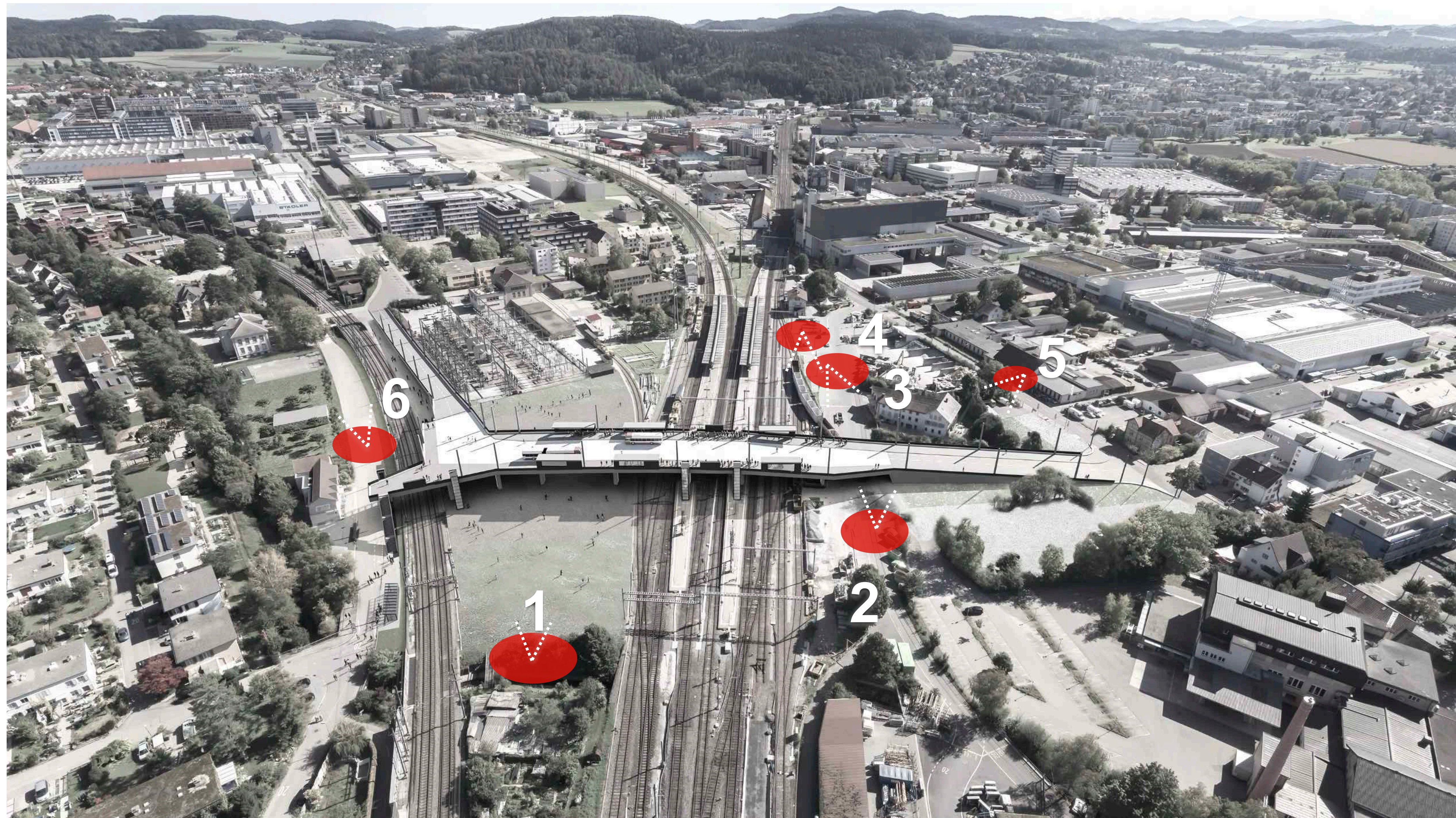
# Winterthur | Reference Points

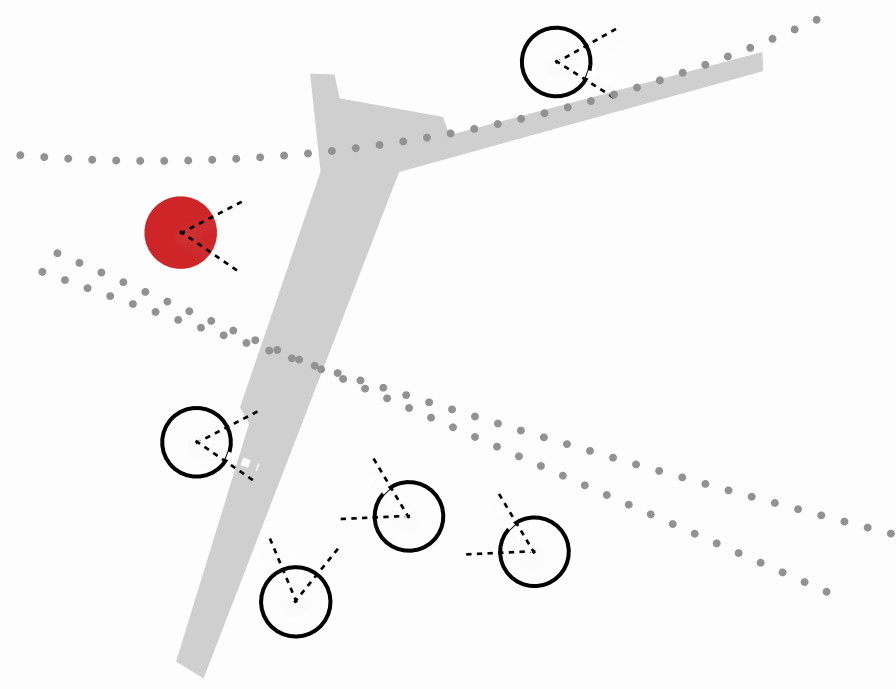
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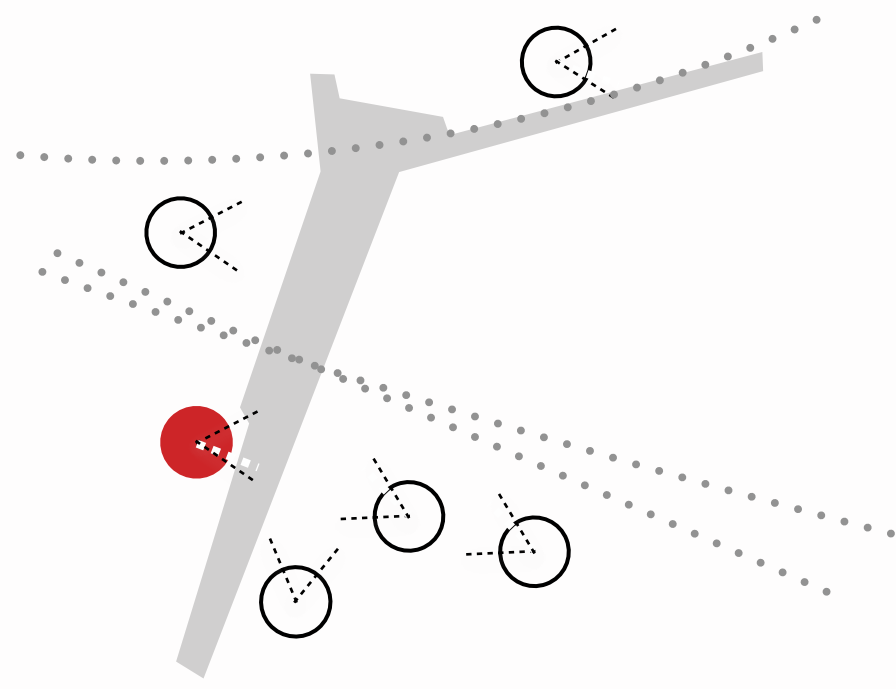




# Point of view | 1

*What will the qualitative future of this place look like in one year, ten years or thirty years? Your ideas will be used to feed into the Unlimited Cities collective intelligence platform.*

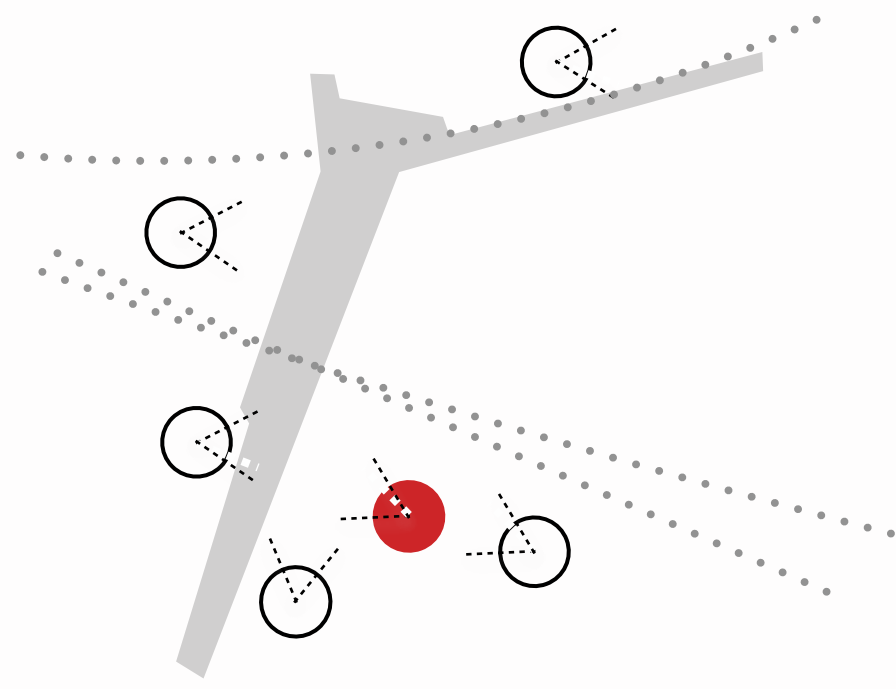




# Point of view | 2

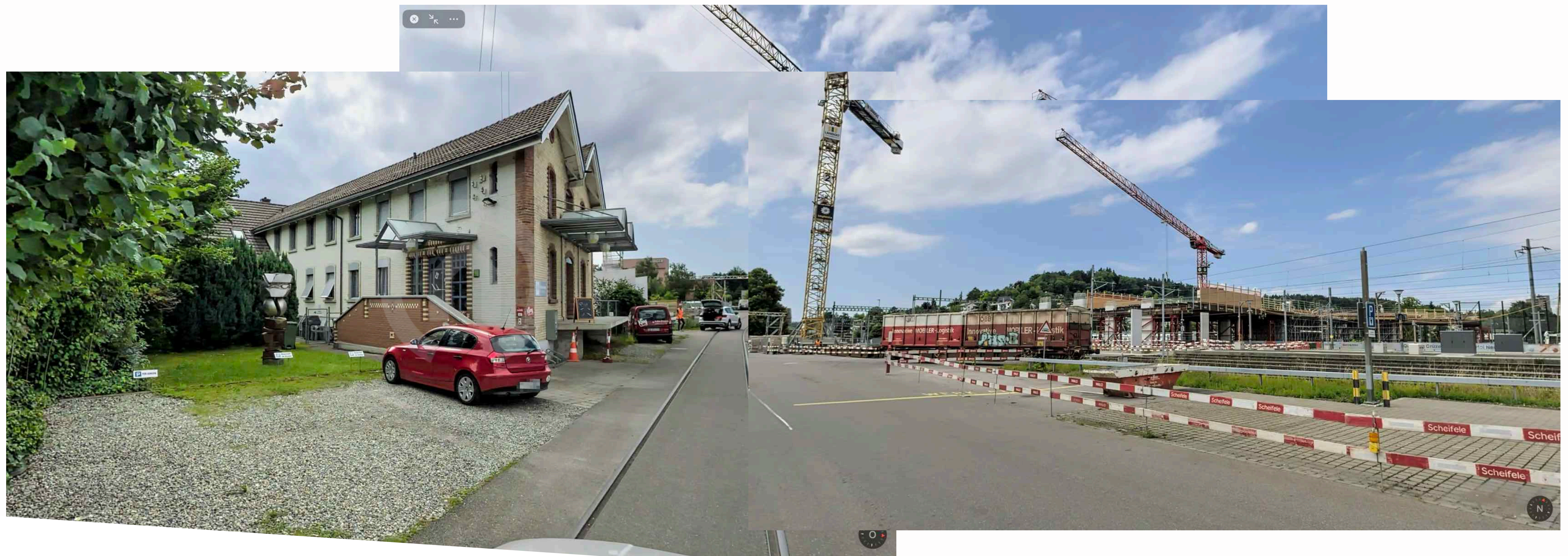
*What will the qualitative future of this place look like in one year, ten years or thirty years? Your ideas will be used to feed into the Unlimited Cities collective intelligence platform.*

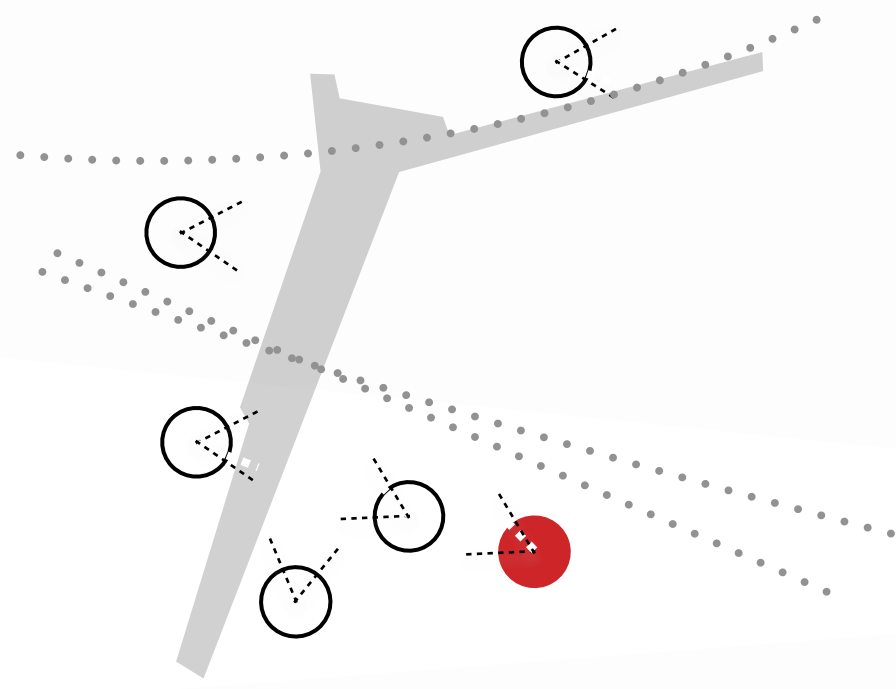




# Point of view | 3

*What will the qualitative future of this place look like in one year, ten years or thirty years? Your ideas will be used to feed into the Unlimited Cities collective intelligence platform.*

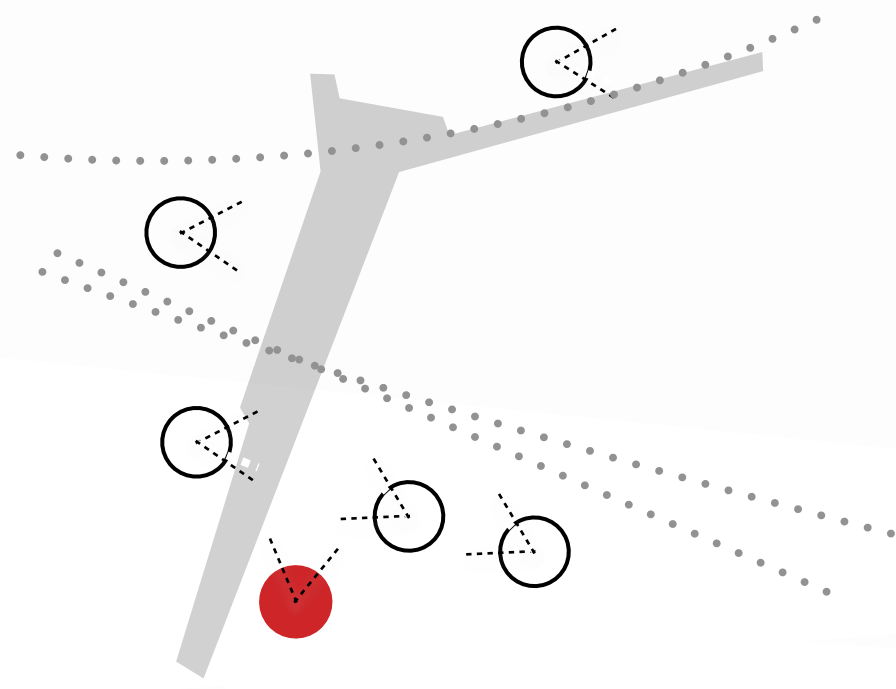




# Point of view | 4

*What will the qualitative future of this place look like in one year, ten years or thirty years? Your ideas will be used to feed into the Unlimited Cities collective intelligence platform.*

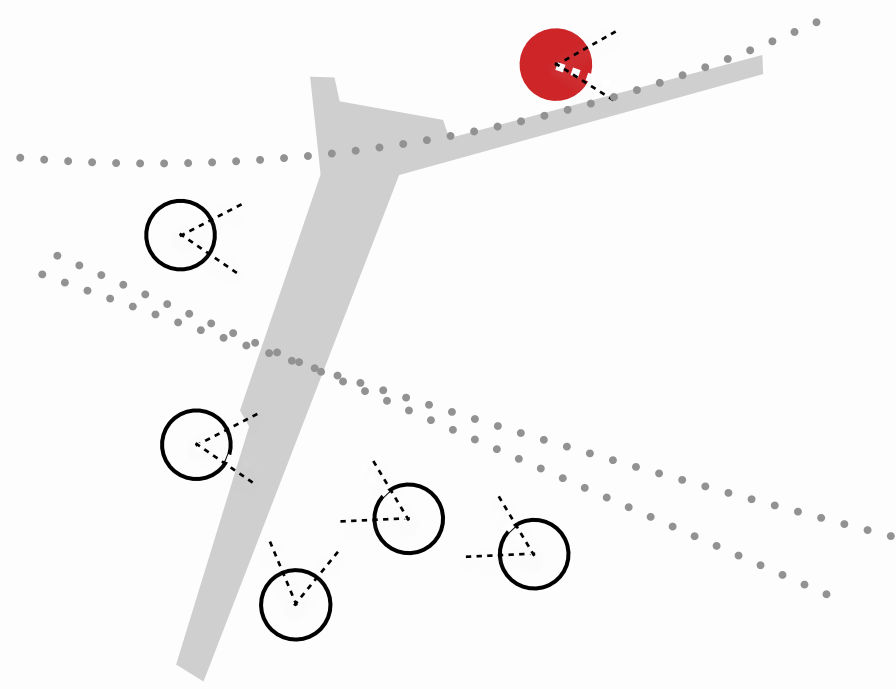




# Point of view | 5

*What will the qualitative future of this place look like in one year, ten years or thirty years? Your ideas will be used to feed into the Unlimited Cities collective intelligence platform.*





# Point of view | 6

*What will the qualitative future of this place look like in one year, ten years or thirty years? Your ideas will be used to feed into the Unlimited Cities collective intelligence platform.*

