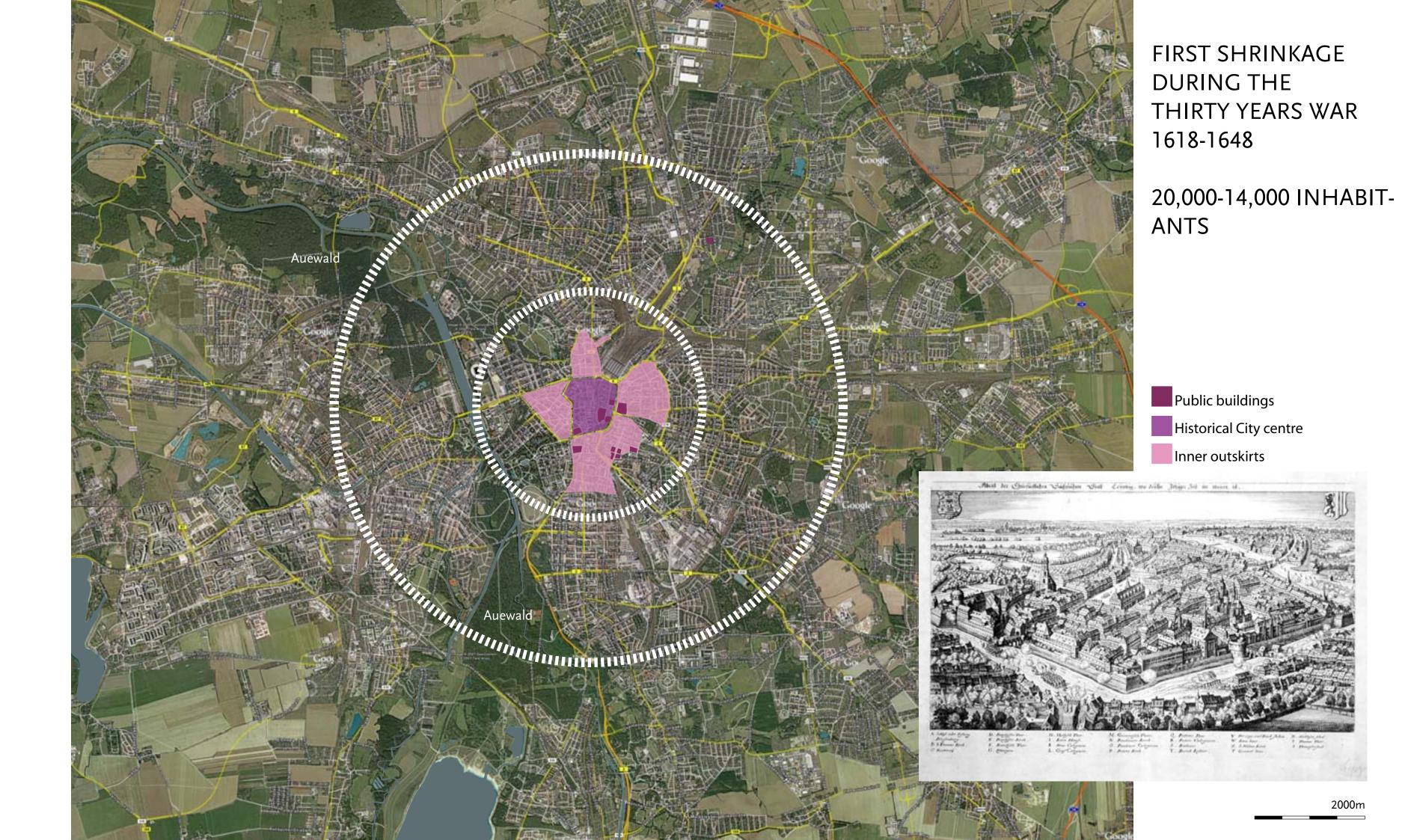


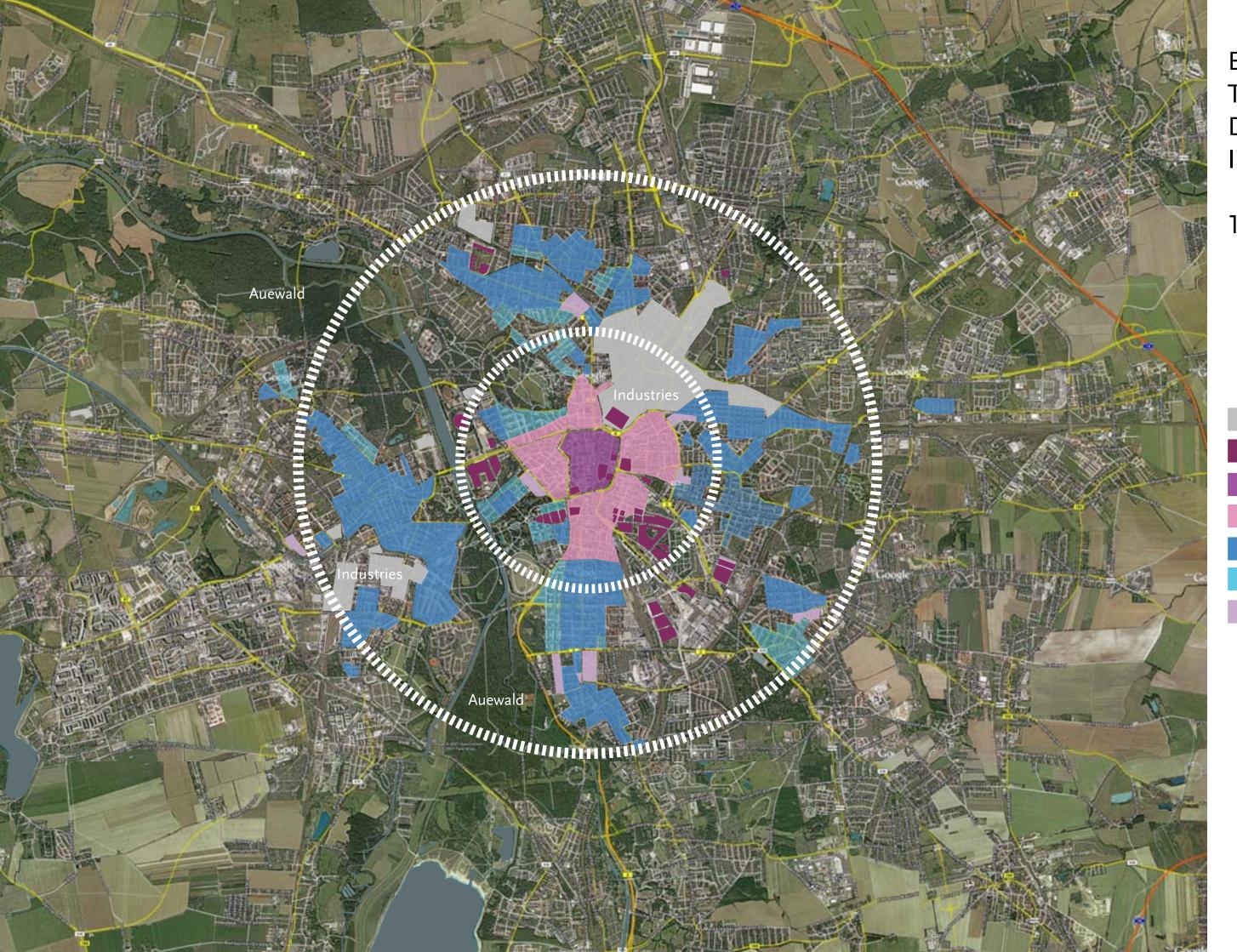
LEIPZIG BECOMES AN IMPORTANT FAIR TRADE CENTER 1190

500 INHABITANTS

Public buildings

Historical City





EXPANSION OF HIS-TORICAL CITY CENTRE DURING INDUSTRIAL-IZATION, 1871

106,925 INHABITANTS

Industrial sites

Public buildings

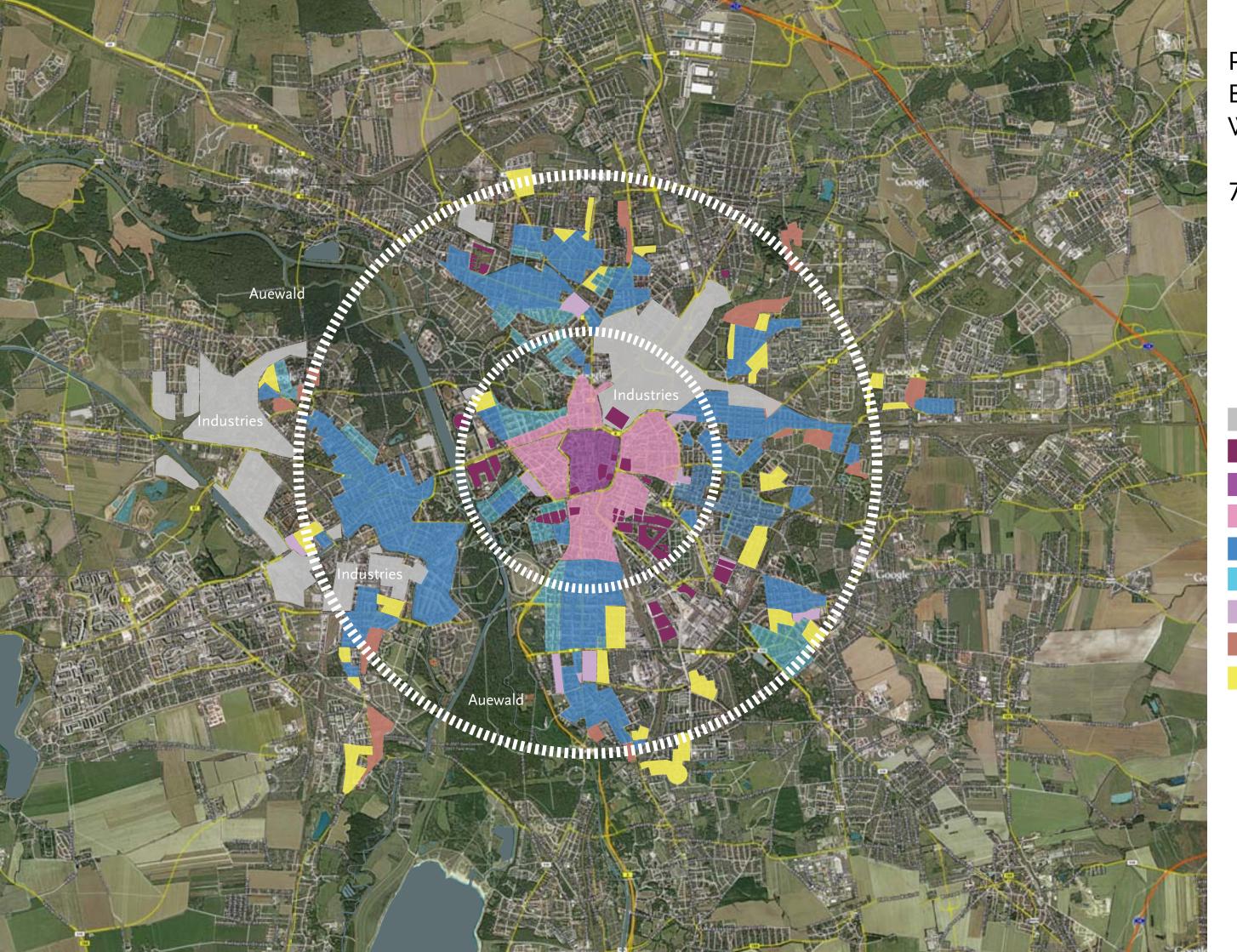
Historical City centre

Inner outskirts

Wilhelmina buildings

City-villas

Mixed inner city



POPULATION CLIMAX BEFORE THE SECOND WORLD WAR 1930

718,200 INHABITANTS

Industrial sites

Public buildings

Historical City centre

Inner outskirts

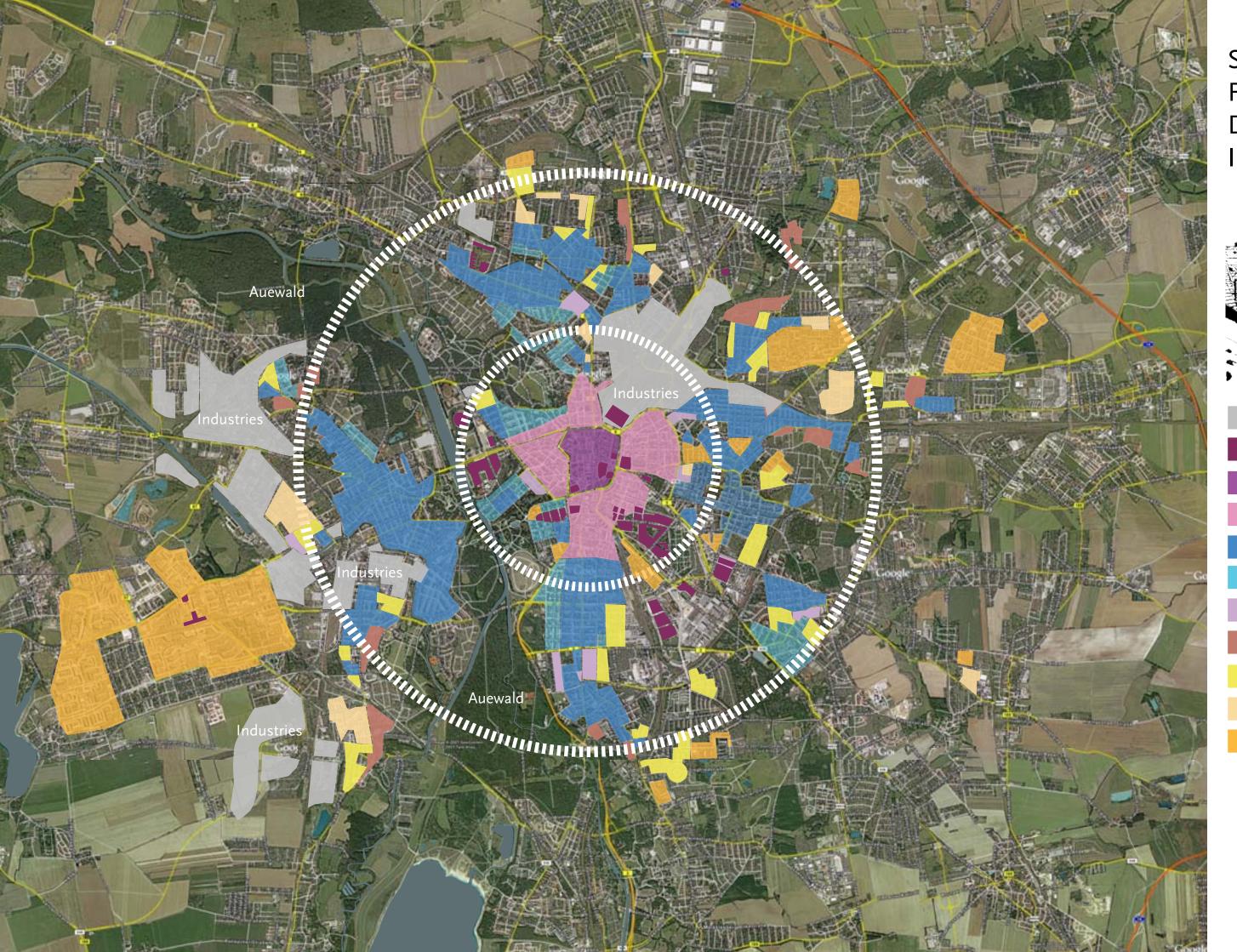
Wilhelmina buildings

City-villas

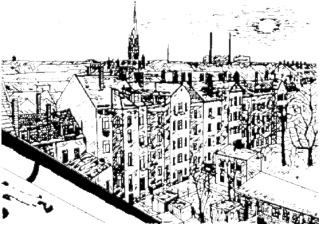
Mixed inner city

Mixed periphery

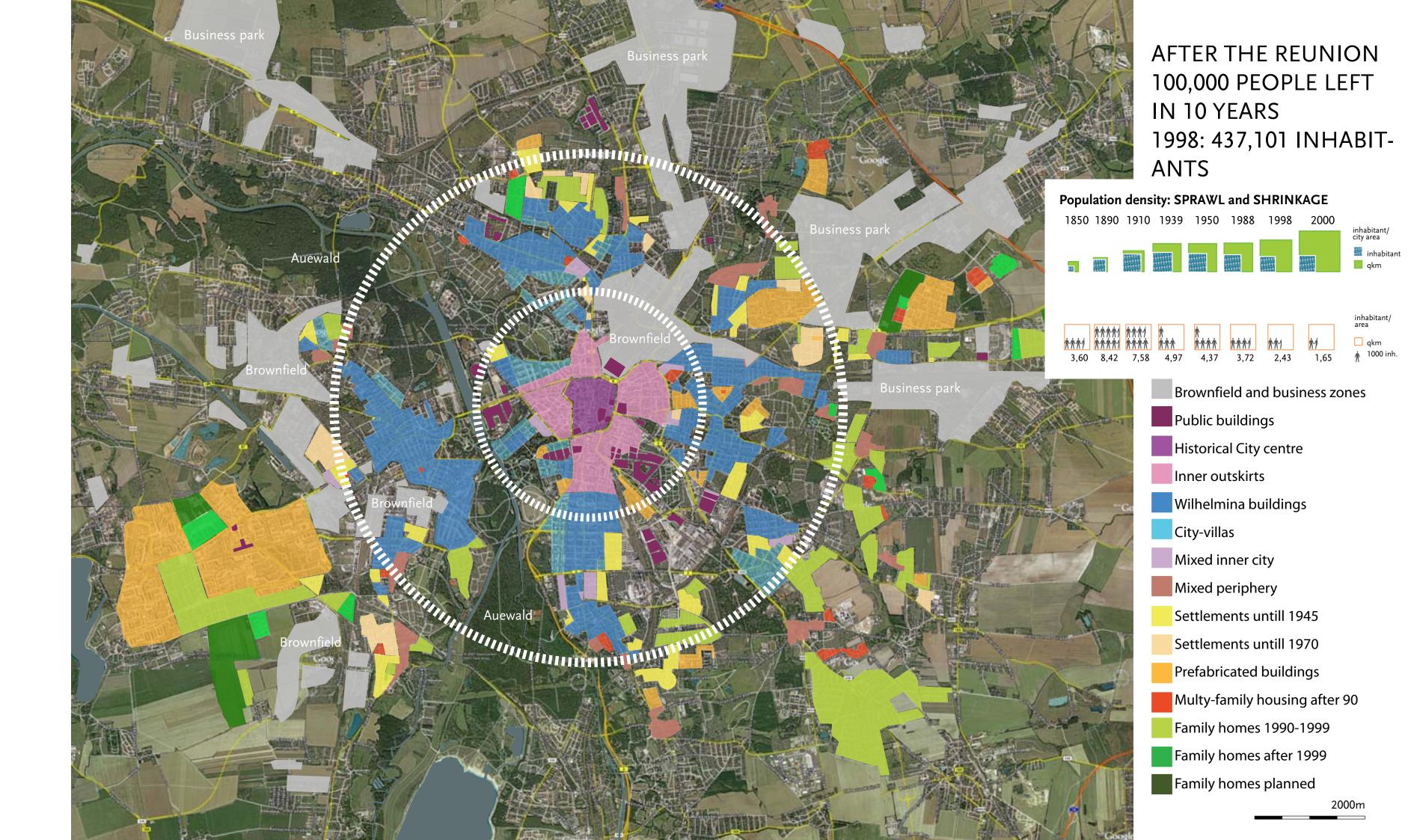
Settlements untill 1945



SOCIALIST REGIME FROM 1949-1989, DECLINE TO 530,010 INHABITANTS



- Industrial sites
- Public buildings
- Historical City centre
- Inner outskirts
- Wilhelmina buildings
- City-villas
- Mixed inner city
- Mixed periphery
 - Settlements untill 1945
- Settlements untill 1970
- Prefabricated buildings



City Profile - Problem Statement - Theoretical Framework - Strategic Planning Framework - Stimulating Design Examples - Evaluation 01 **GERMAN EMPIRE** GERMAN DEMOCRATIC FEDERAL REPUBLIC OF GERMANY **REPUBLIC** 2015 service sector production 40% 31% 1999 agriculture 8% 1991 1999 population employment in economical sectors development Area: 297.60 km2 Population: 507,578 Density: 1,702 /km2 LEIPZIG TODAY CITY DEVELOPMENT: GDP: 11,670 mio EUR AROUND 1900 debt: 900 mio EUR FOUNDATION OF THE PEACEFUL REVOLUTION 1991free election of **GERMAN DEMOCRATIC** the city council **REPUBLIC XXXXX** Incorporation of Ř:Ř Ř Ř Ř municipalities ŔŔŔŔ İİİ CITY profile İŻ TOURISM COAL MINING DE_INDUSTRIALISM BIOTECHNOLOGY **ENERGY PRODUCTION** DISTRUBUTION HUB CHEMICAL INDUSTIES 1945 1995 2012 1989/90 1**9**91 1993 2001 2003 2005 2007 2010 1999 OCIALISM, PROCLAIMED TROUGH SOWJET UNION INFORMAL COALITION BETWEEN SOCIAL AND CHRIST DEMOCRATS (MODELL OF LEIPZIG)

PROBLEM statement

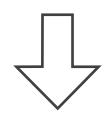
Social / economical aspects

Low fertility rate, Aging population

->economical and demographical shrinking city

Education not bound to local employment

->"brain drain" and Jobless growth leads to high unemployment rates -> on local level up to 25%!

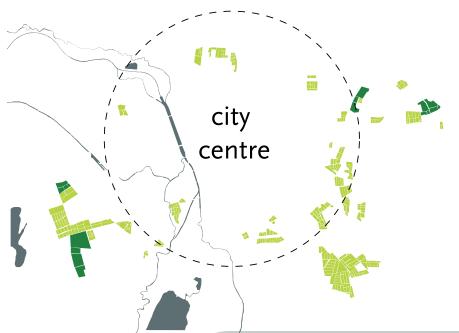


Breeding-ground for racism

->high migration rate within and out of the city

Spatial aspects

Suburbanization, Loss of quality in inner city



Decaying buildings



Vacancy rate 33%/36% especially in Wilhelmina houses

Environmental aspects

New mobility, high car use rate







Problem on City level spatial fragmentation/perforation





Problem on Local level social segregation



enhance social cohesion through mixed-use housing



FOR a higher city competitiveness

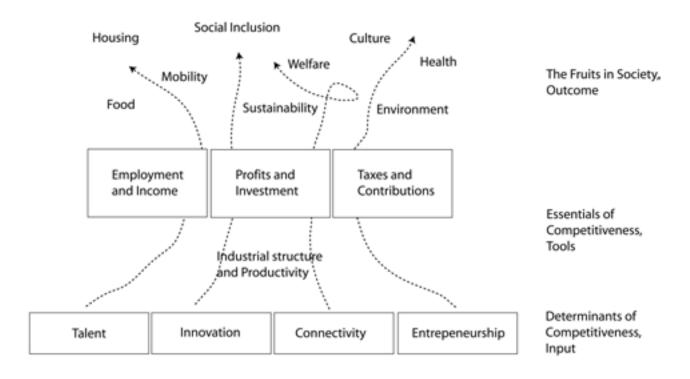
Sustainable Development

According to Michael Porter (Porter 2005-2006) these factors are:

- Social cohesion: based on human needs, organized civic society
- Preservation of cultural identity
- Investment in education -> innovation, life-long learning
- Preservation of natural assets of production and recreation
- Quality of physical environment: water, air, soil...
- Quality of urban infrastructure: transportation (affordable mobility),

communication, energy supply, sewage system, waste disposal...

The regional competitiveness tree (ECORYS, Research and consulting)



Cosmopolitan Vision / Mixed-use development

Hartmut Haeussermann

	supporter of		
	integration	individual	city
aim of			
integration			
creation of homogeneity		assimilation	melting pot
maintenance of diversity		urban lifestyle	mosaik city

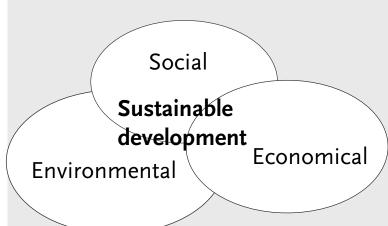


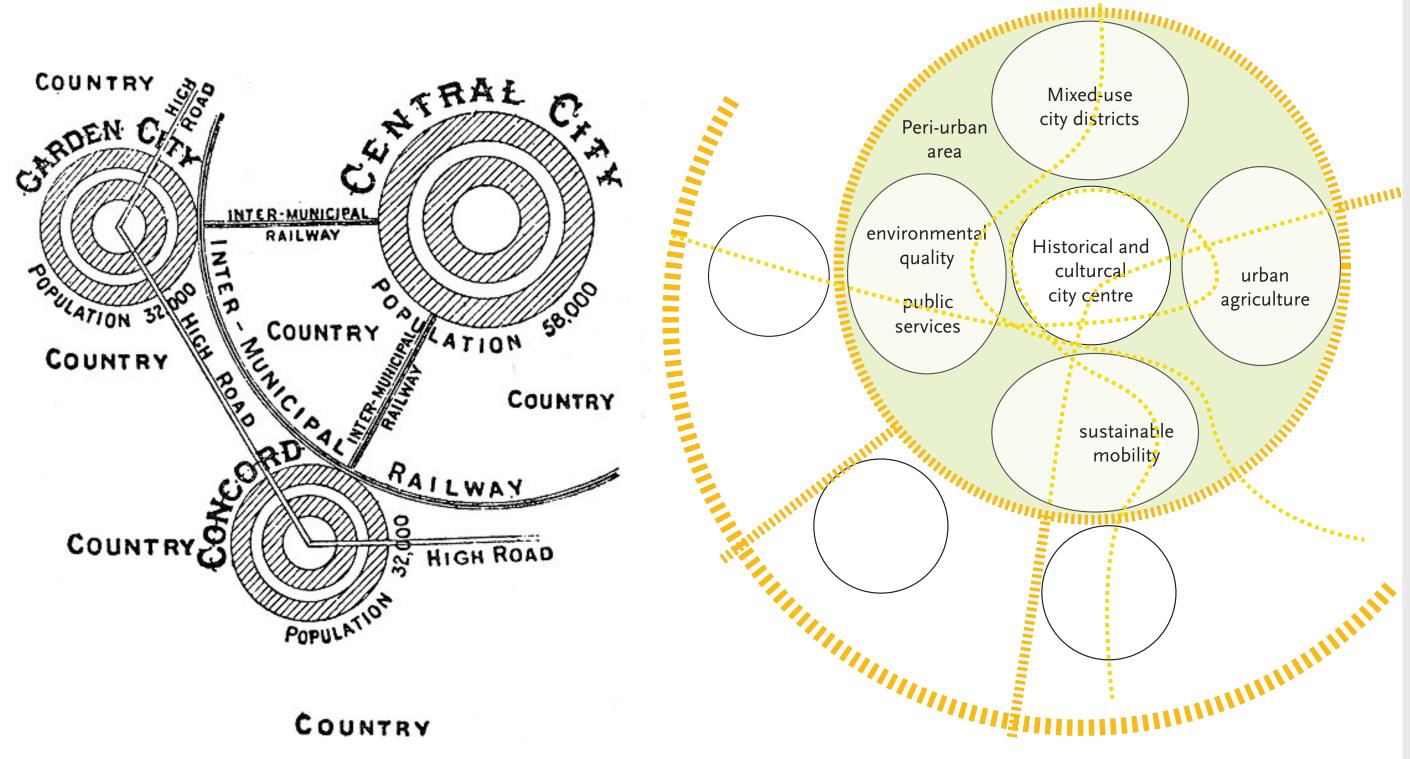
Five reasons for mixed-use housing (Grant 2005):

- Mix creates an urban environment active at all hours, making optimum use of infrastructure.
- Smaller, post-baby-boom households can have a greater range of options (rather than just detached homes).
- Mixing housing types could increase affordability and equity by reducing the premium that exclusive, segregated areas enjoy.
- By providing housing near commercial and civic activities, planners could reduce the dependence of elderly and children on cars.
- Enabling people to live near places where they can shop, work, or play could reduce car ownership and vehicle trips, increase pe-destrian and transit use, and thus alleviate the environmental consequences associated with automobile use.

THEORETICAL FRAMEWORK

- Sustainable competitiveness
 based on the 3 pillars (M. Porter)
- Cosmopolitan vision, Equilibrium for all people (U. Beck)
- Social cohesion, Inclusive city(H. Hauessermann)
- Polycentric city, European city model (A. Faludi)
- Mixed-use developments,Cohabitation(J. Jacobs, H. Lefebvre, J.Grant)





RELAUNCHING THE GARTENSTADT IDEAS

- -Living in a healthy environment
- -Having an own garden
- -Moving with sustainable transport
- -Enjoying the city amenities

Case of Leipzig:

- -Low density multi-units in the peri-urban
- -Strong social cohesion in housing community
- -Urban agriculture within housing typology
- -Sustainable micro-mobility in and between sub-centralities



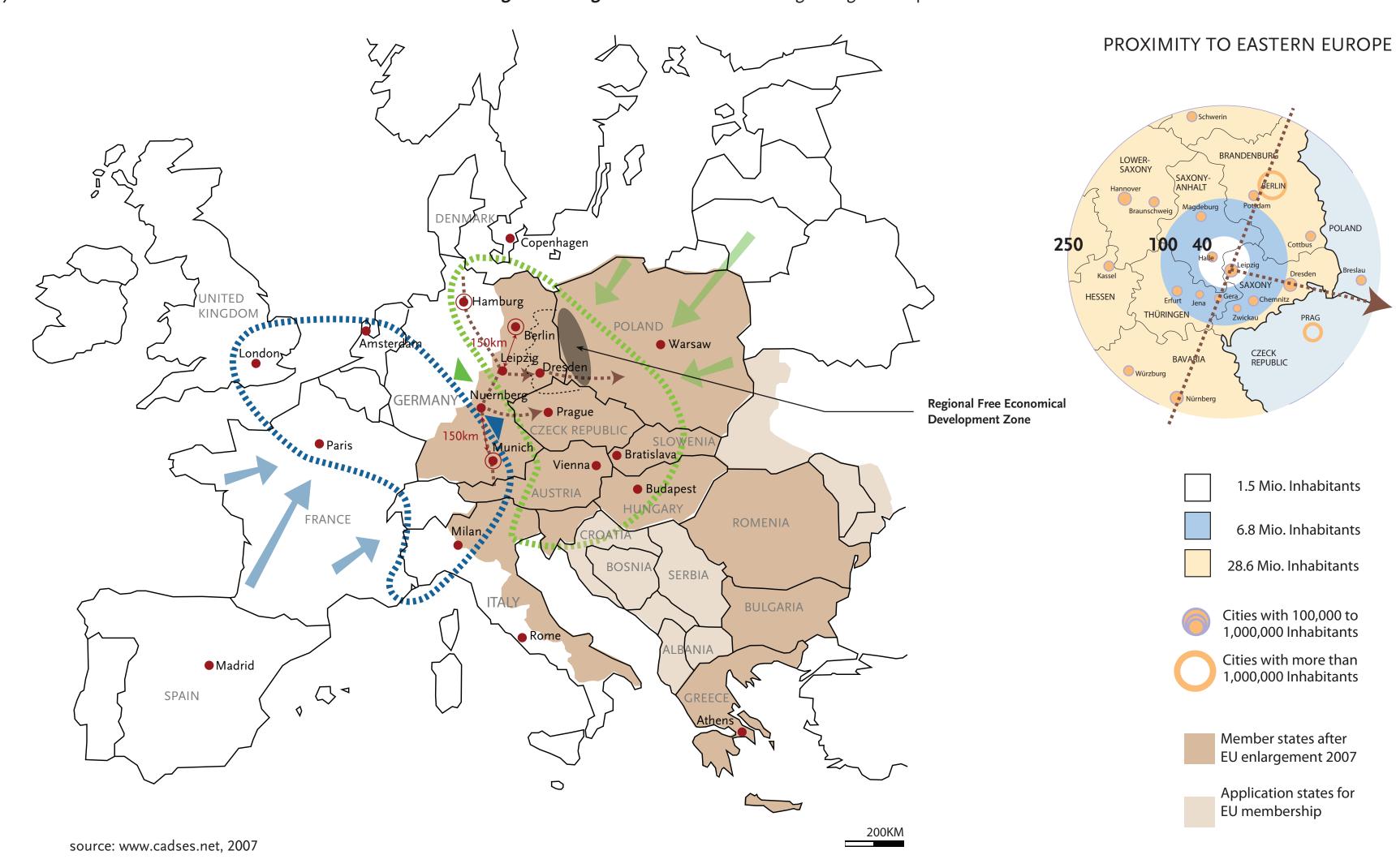




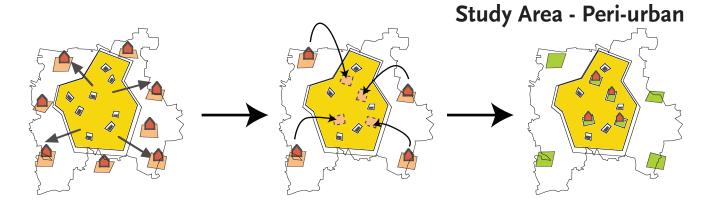






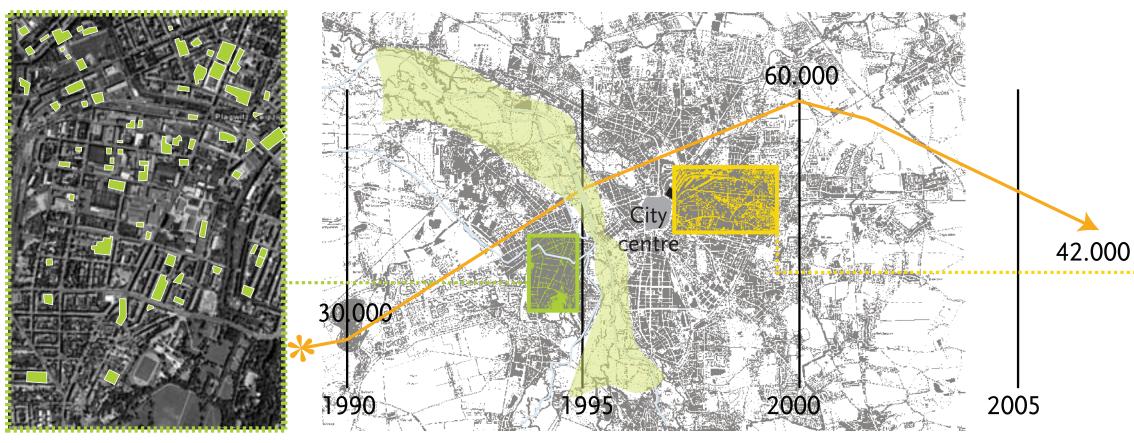


Prevention of further suburbanization with counterurbanization and infiltration of free spaces of the periurban for future demand.



URBAN RENEWAL ZONES IN PERI-URBAN AERA

-> especially in the West and the East of the historical city centre, the peri-urban areas are in desperate need for urban renewal.





Plagwitz, Lindenau (2.7km2)

Development of vacanct housing

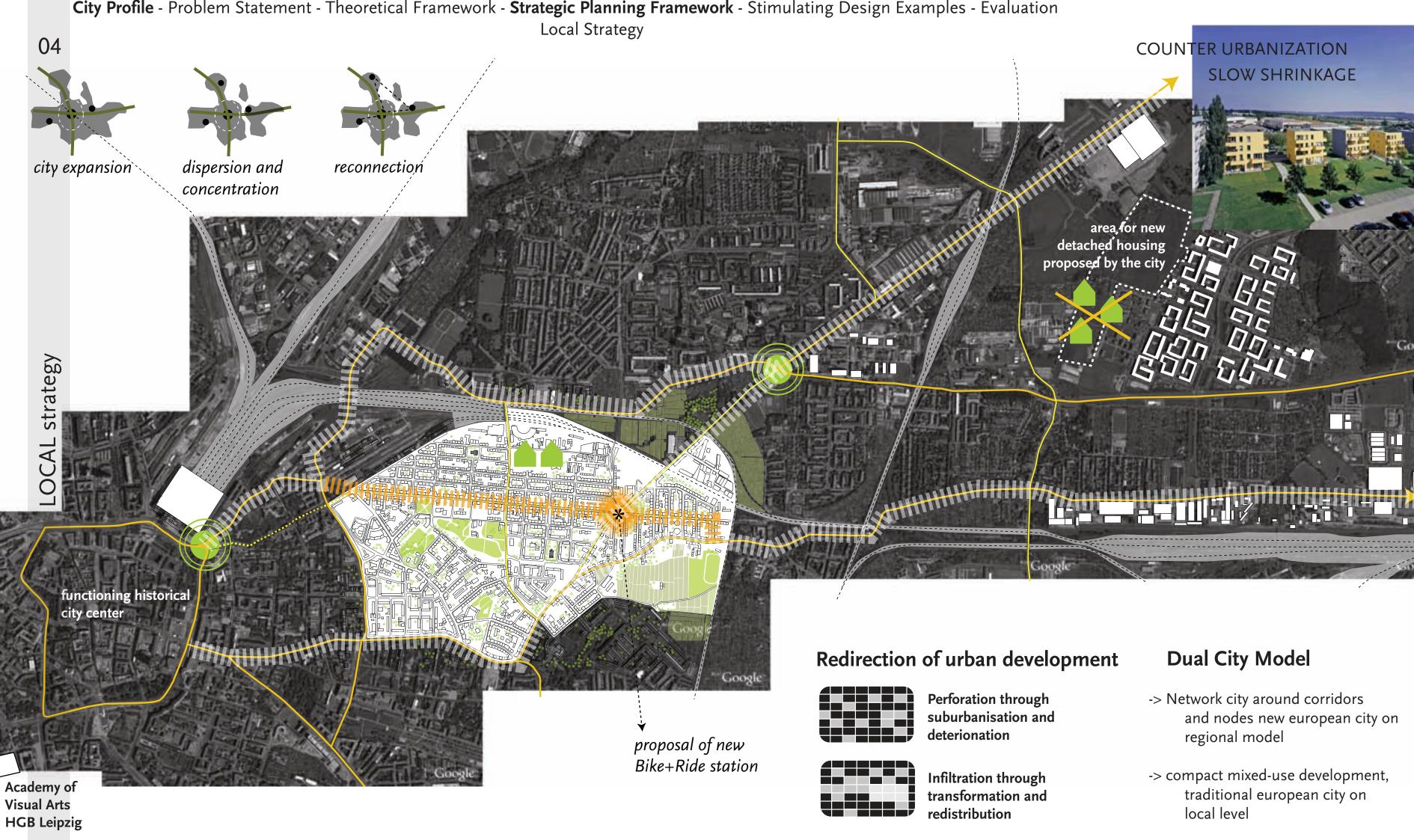
Volkmarsdorf/Neustadt-Neuschoenefeld (2.0km2)

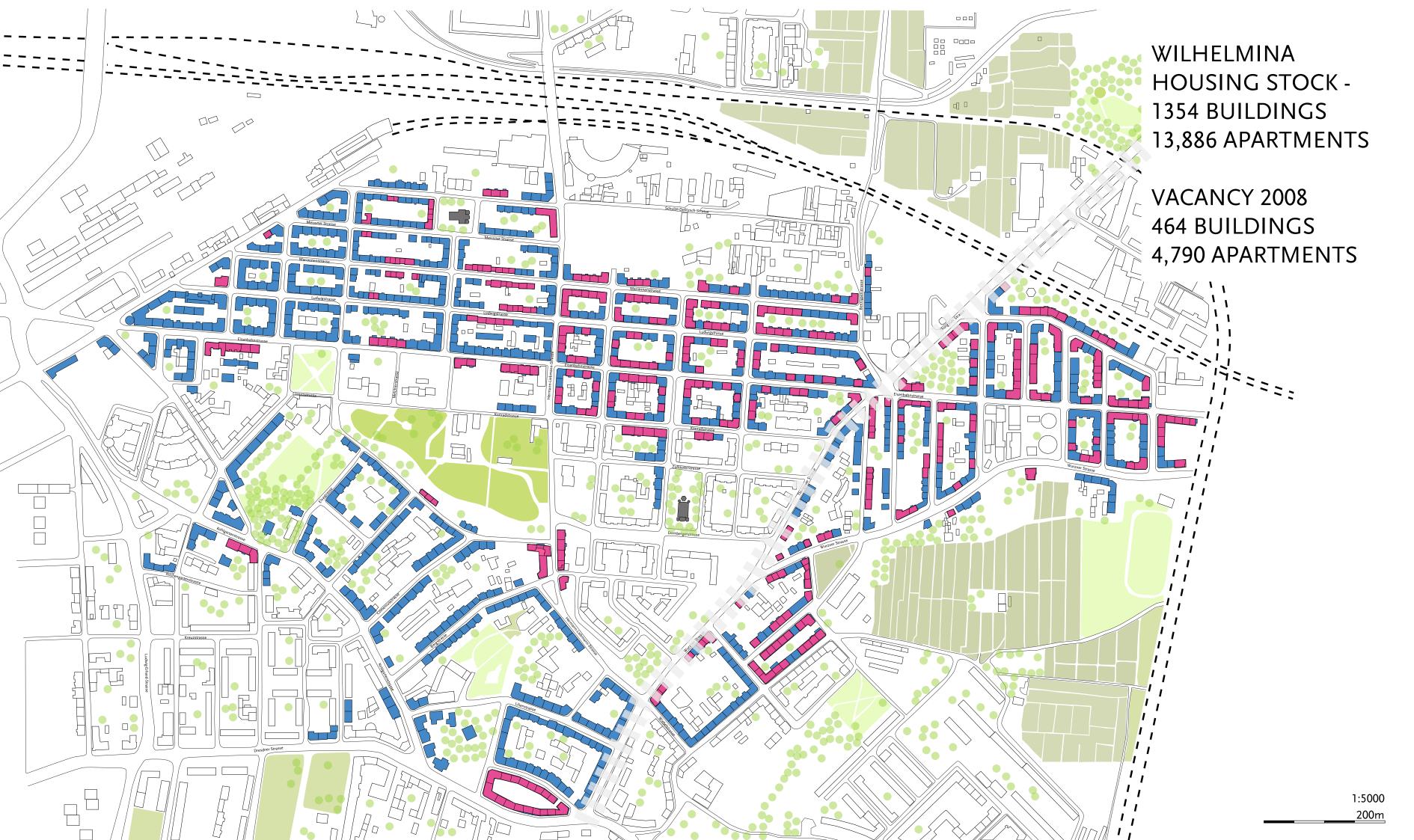


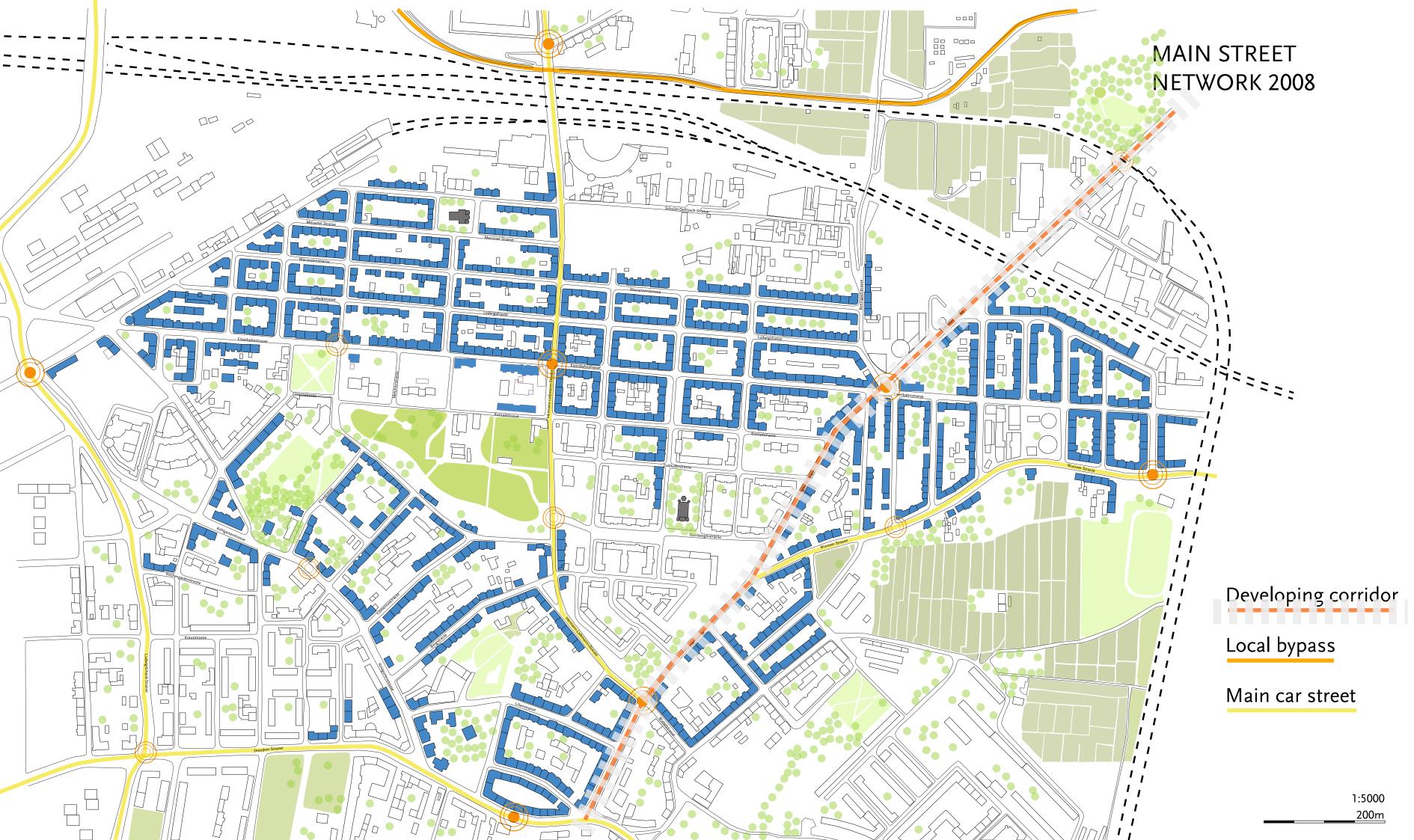


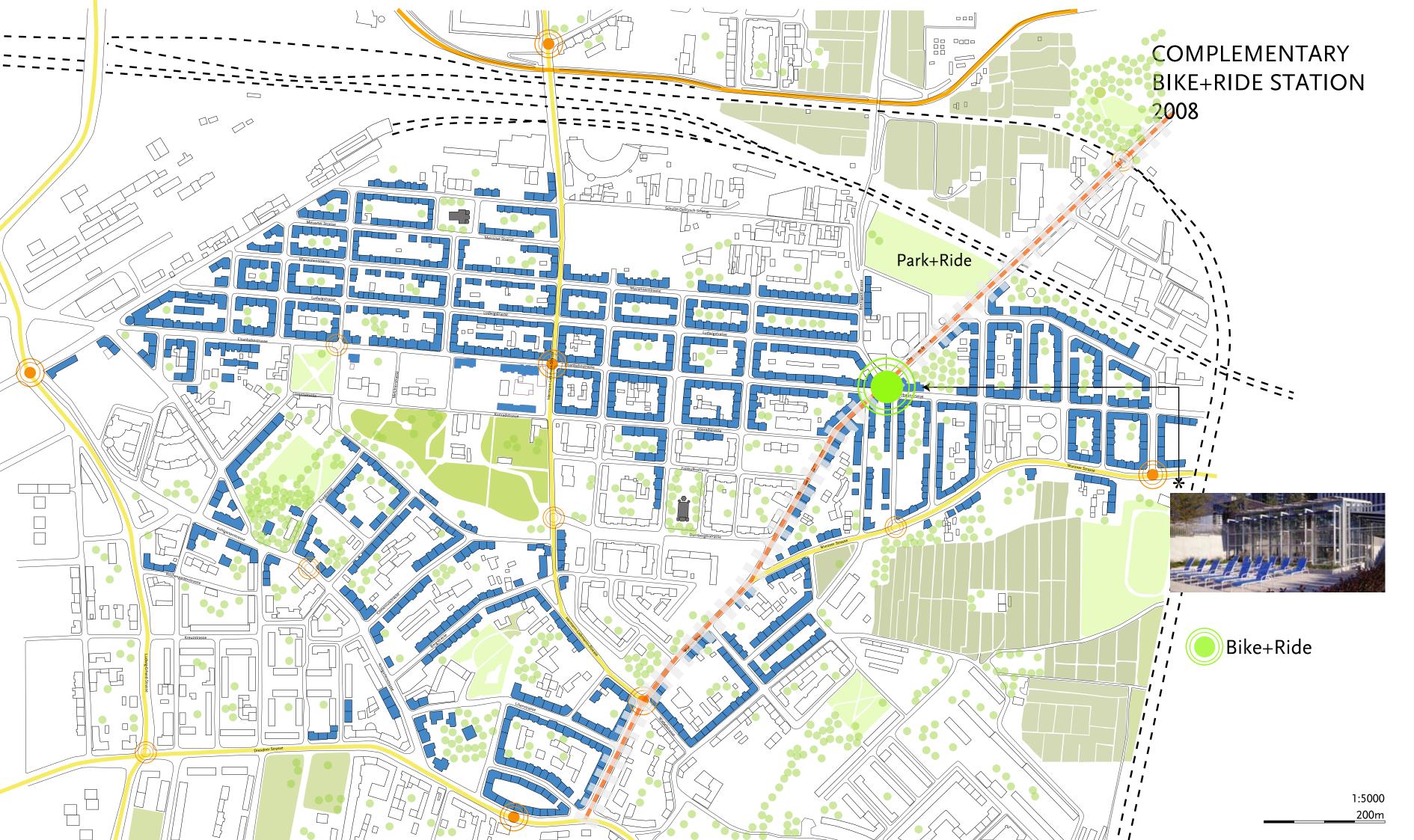
Self-organized building programs/ usage of space/ transformation in formerly dense peri-urban area in Leipzig.

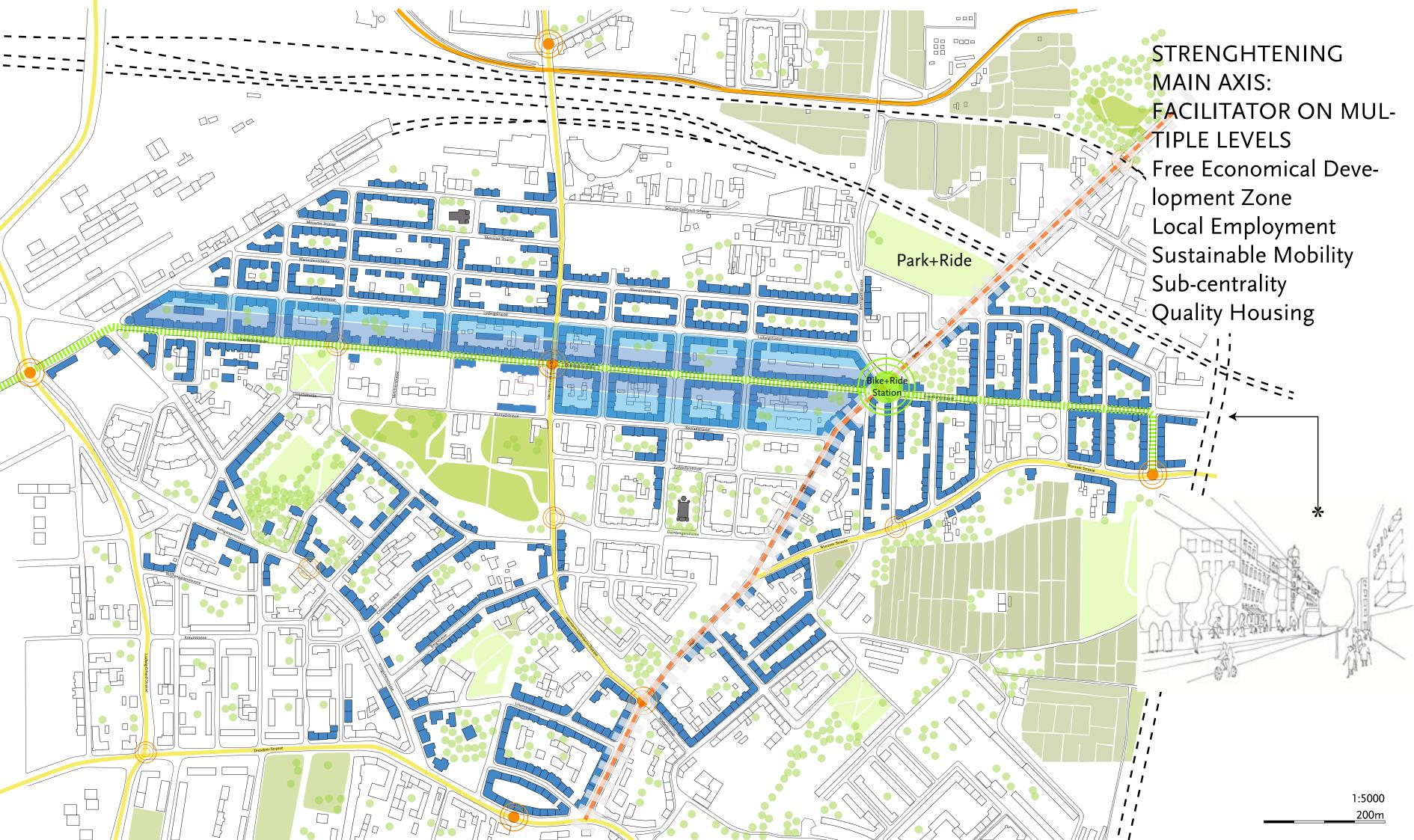


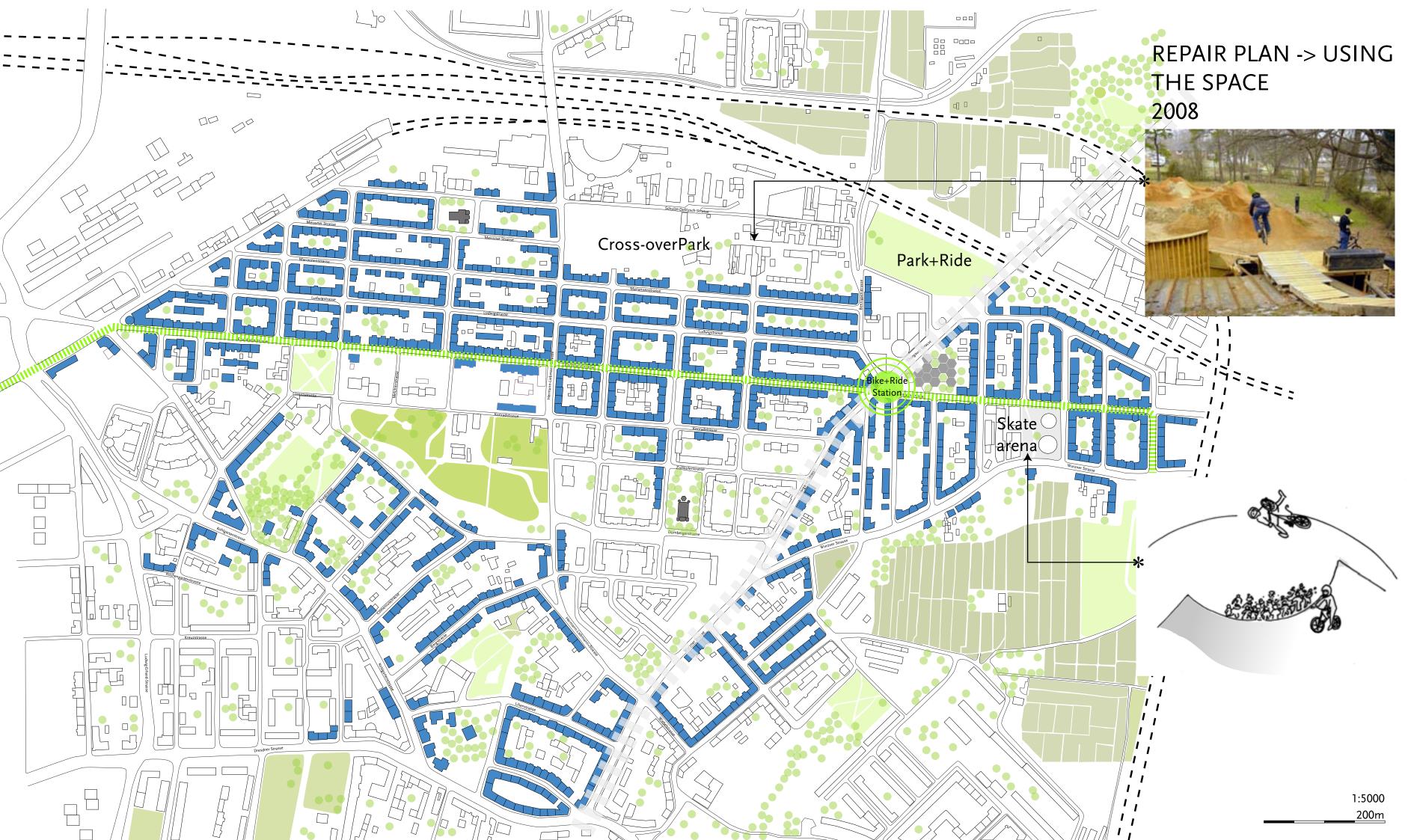


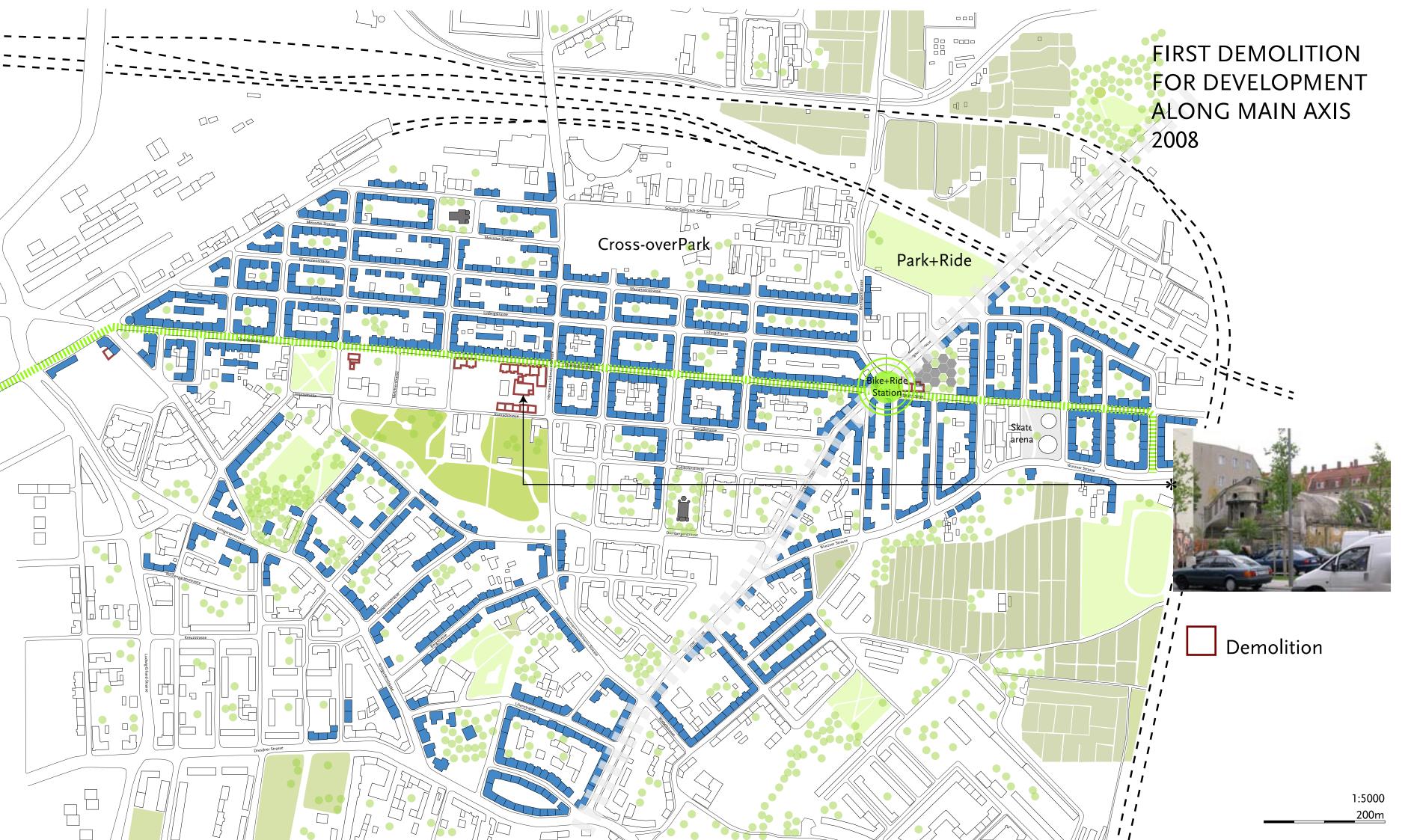


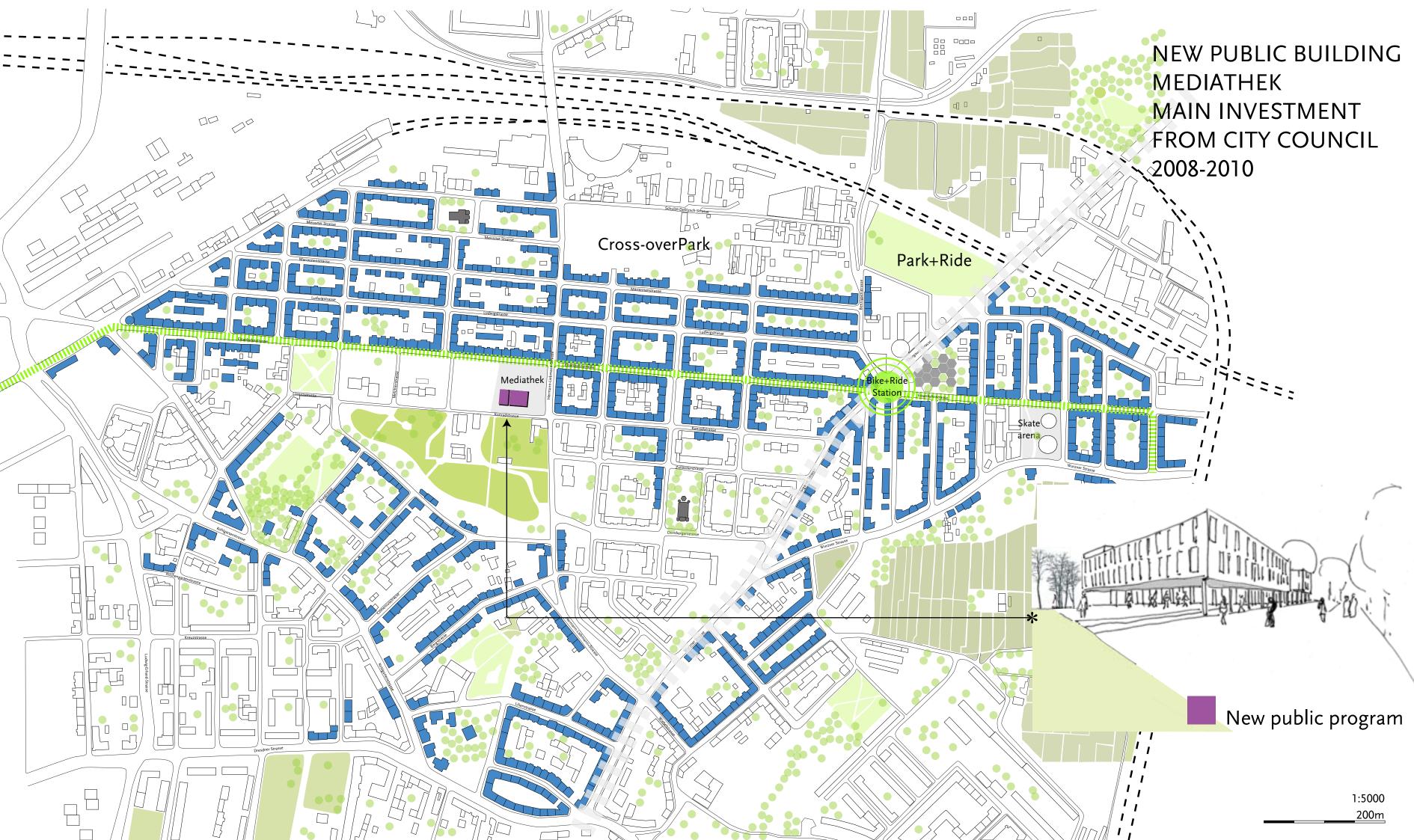


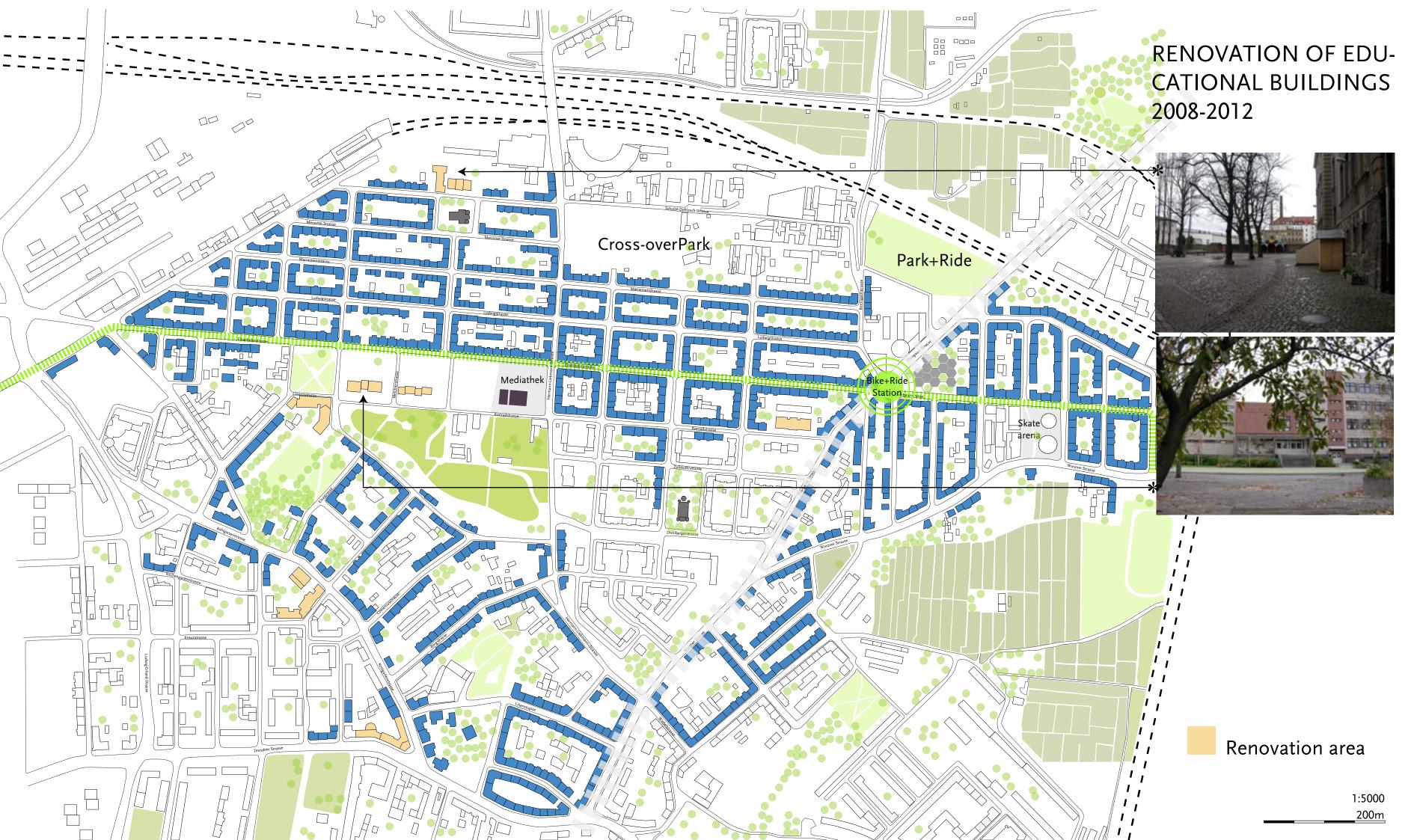


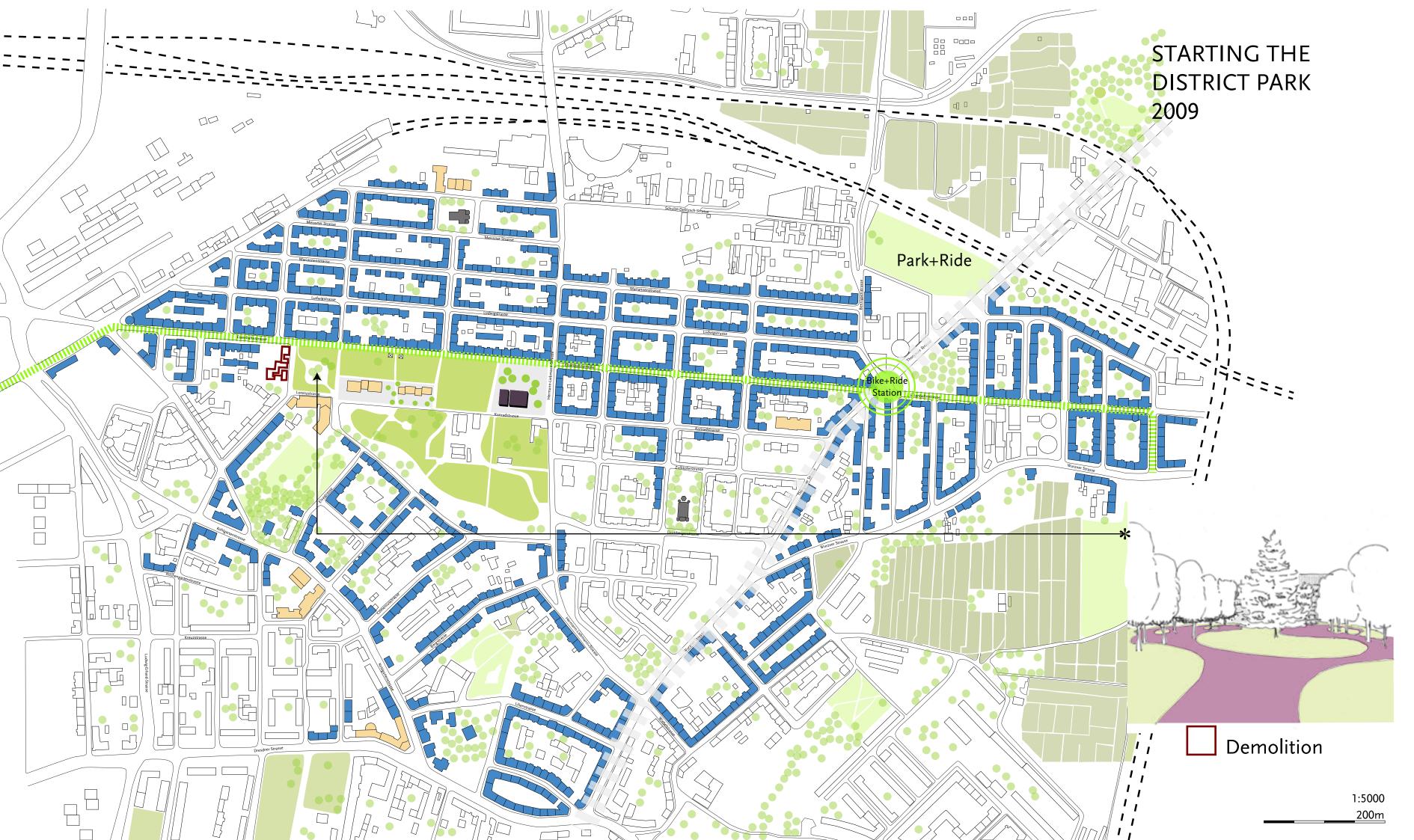


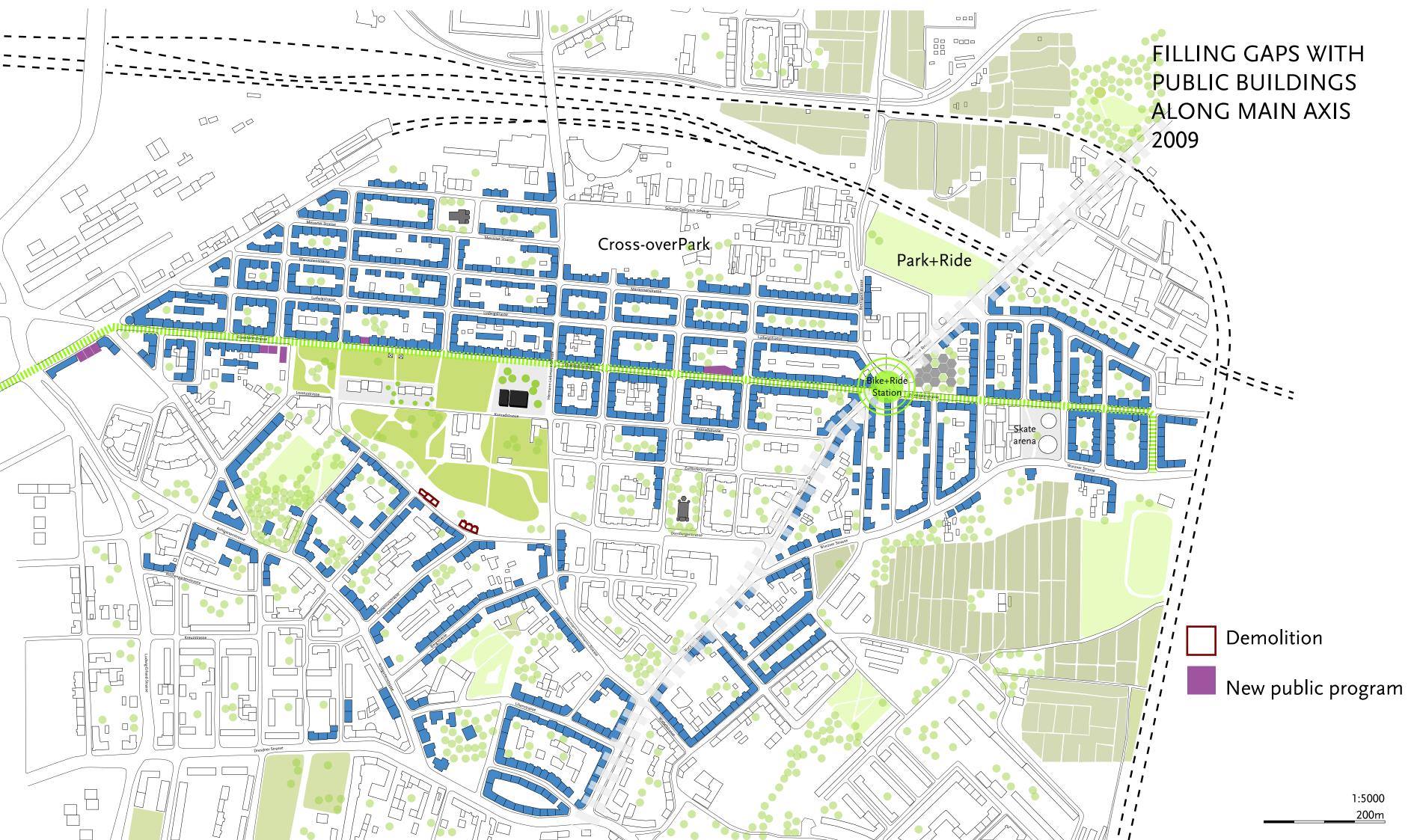


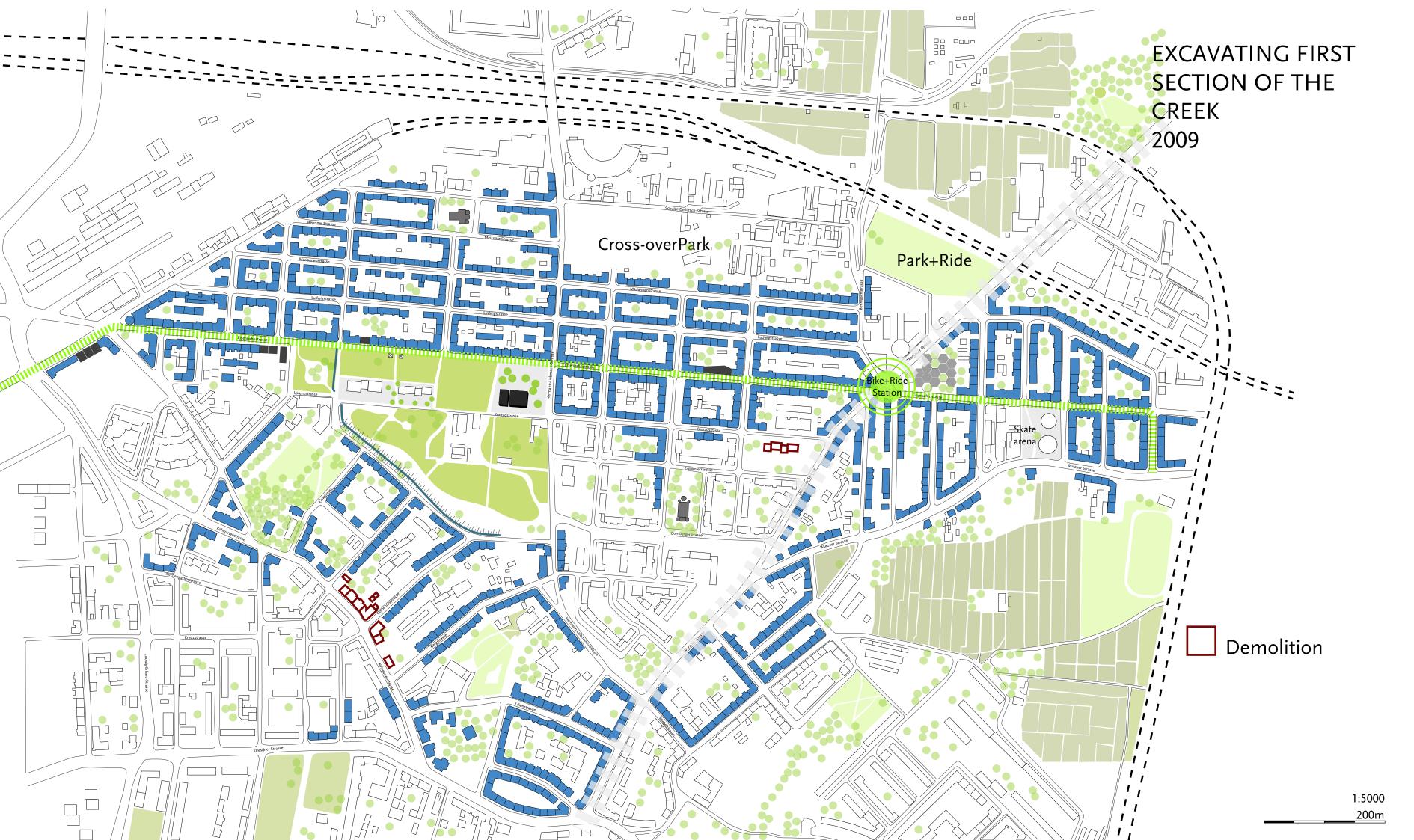


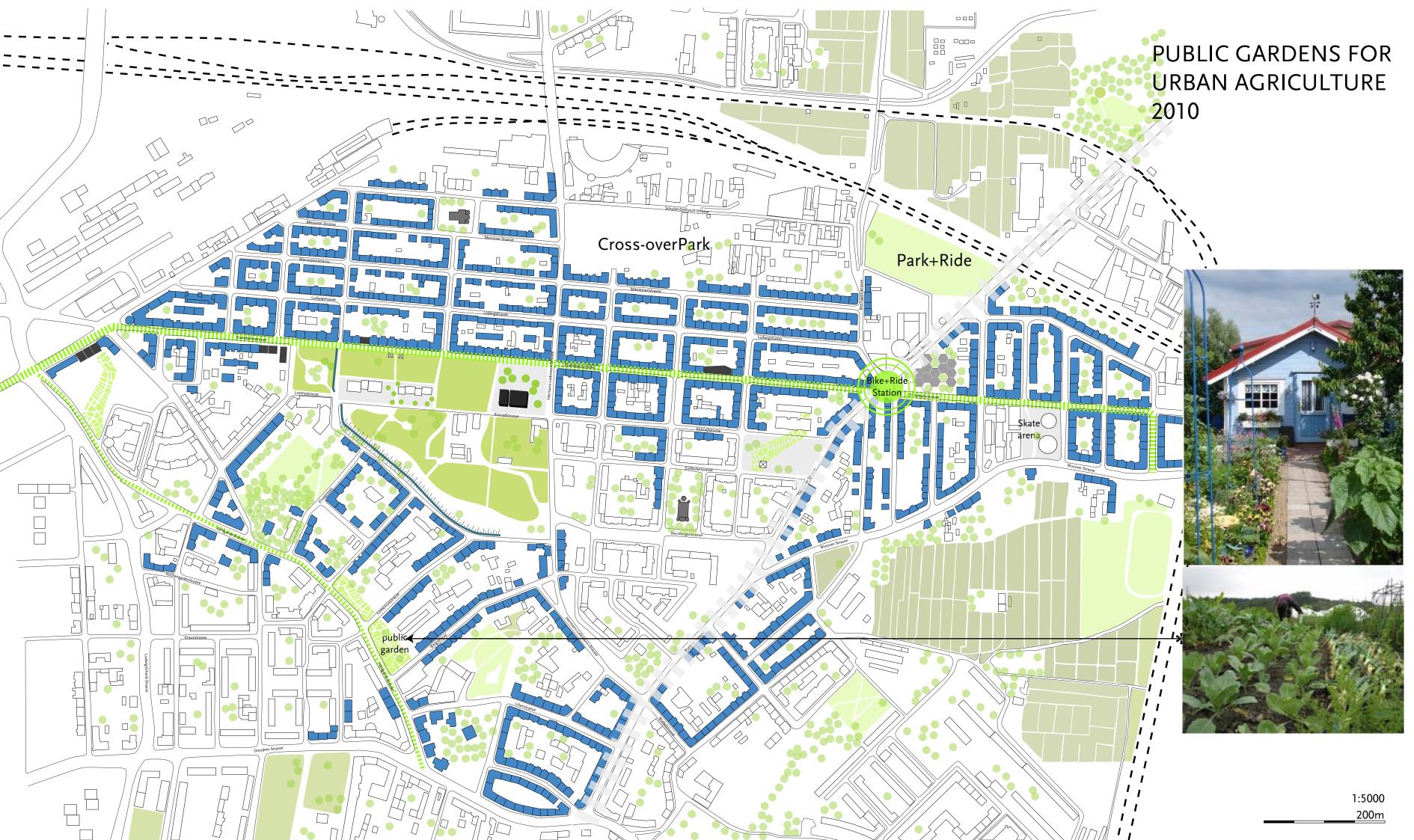


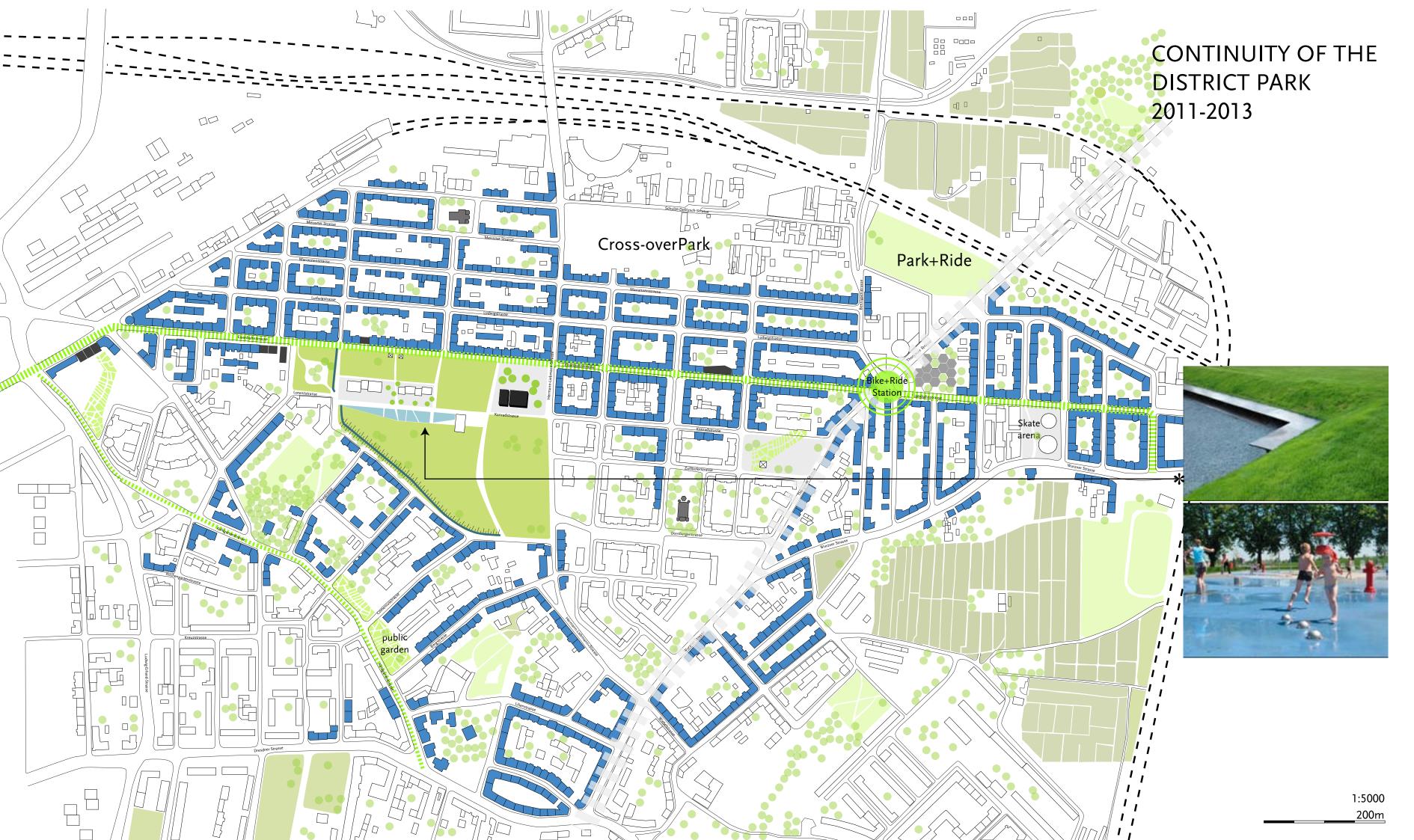


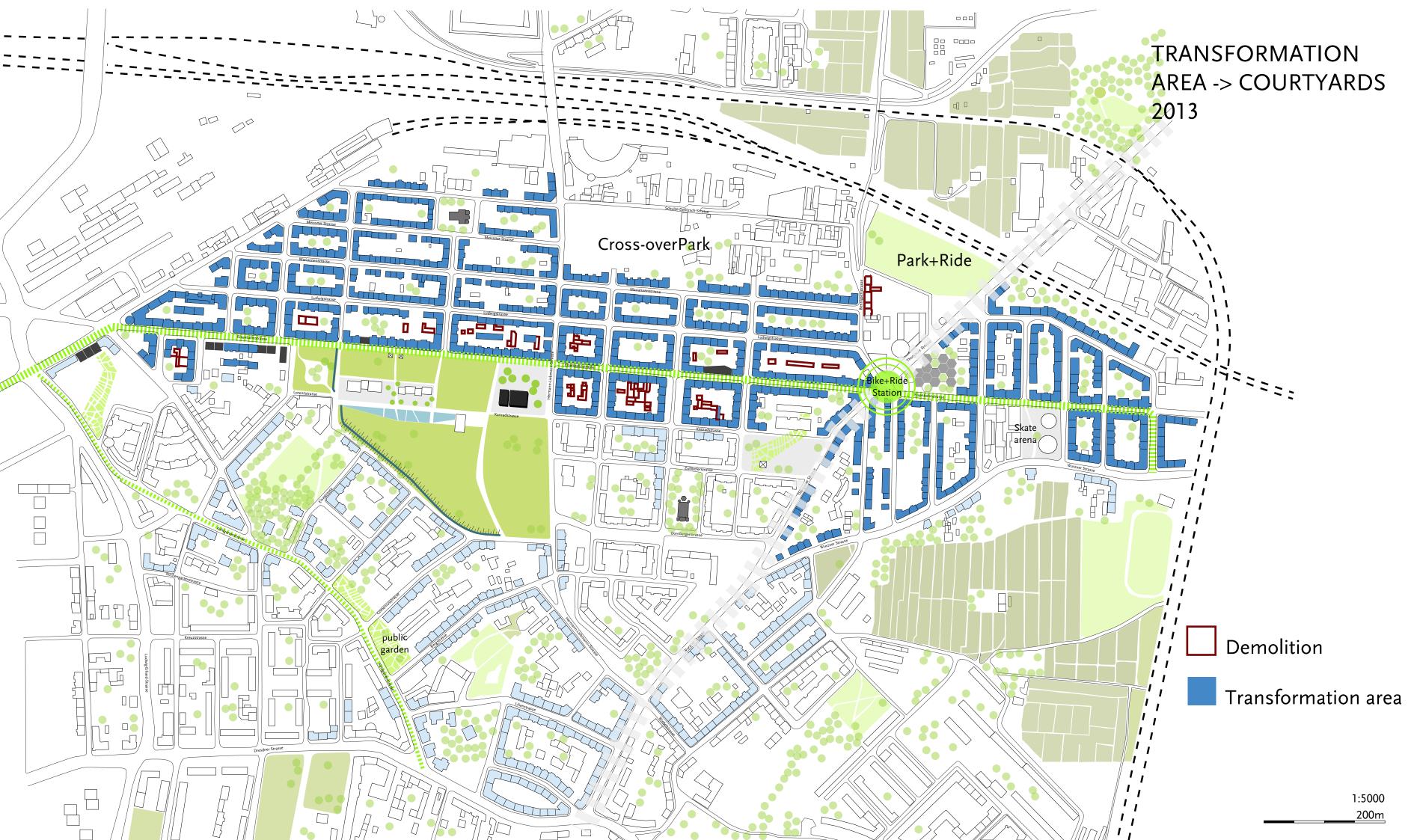


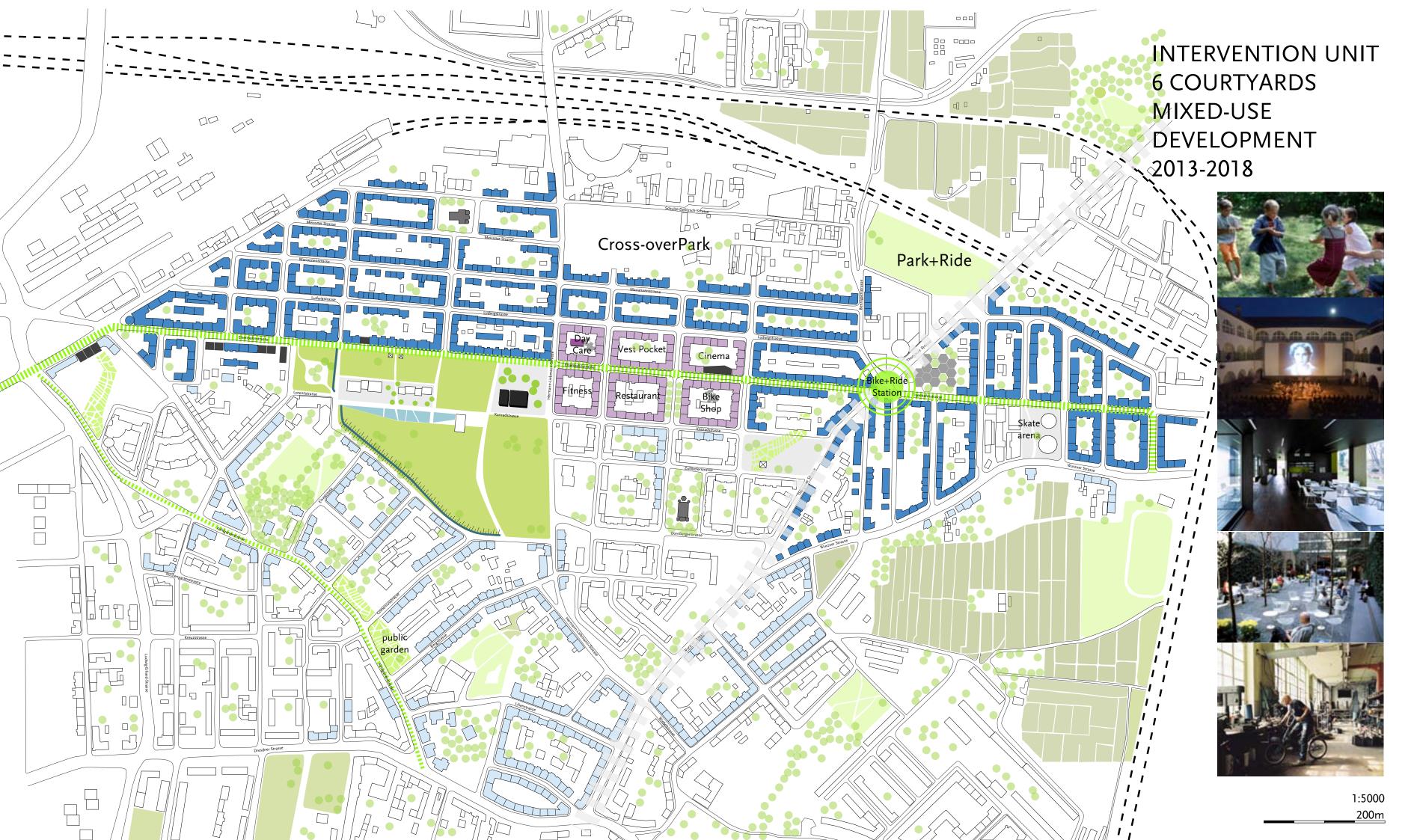


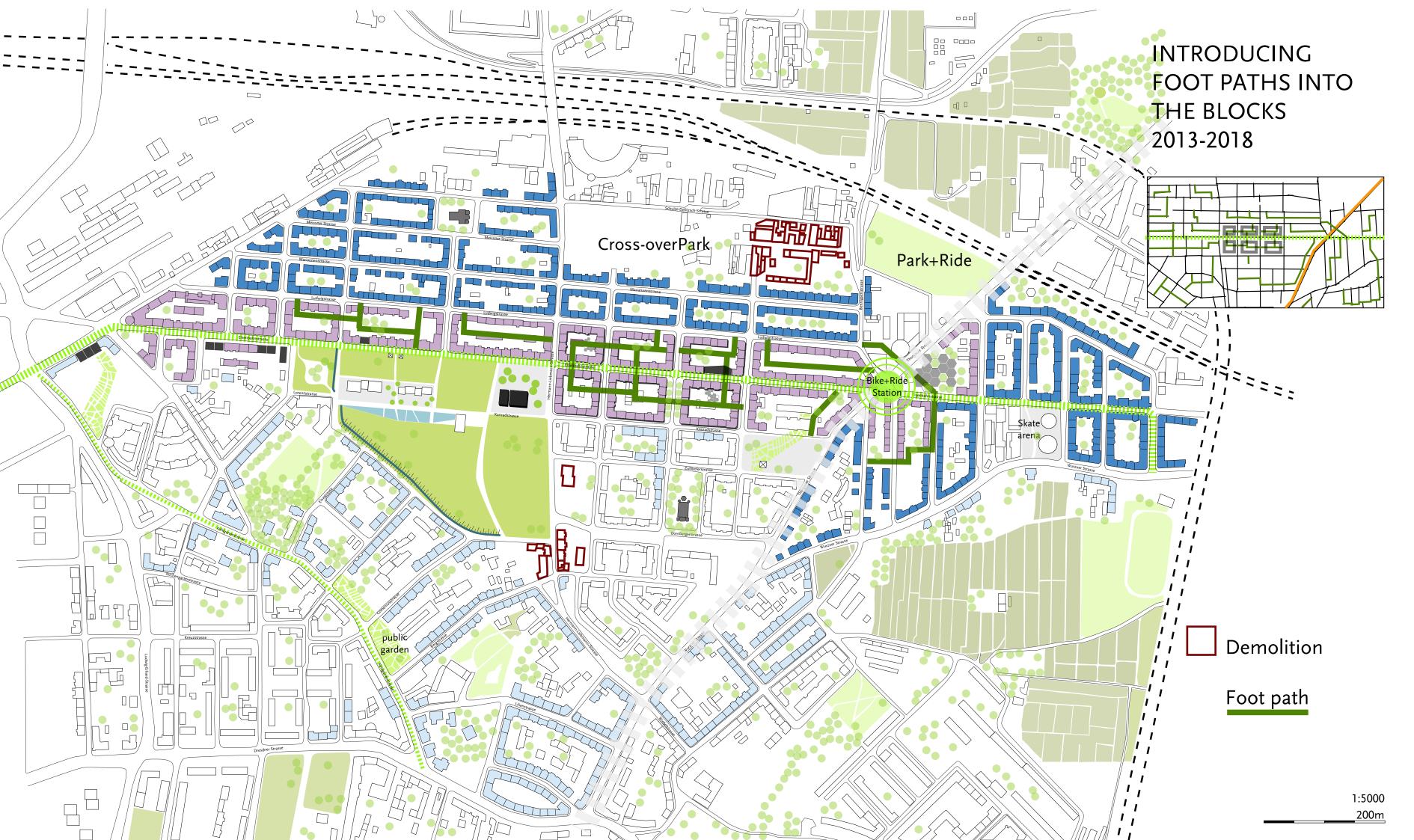


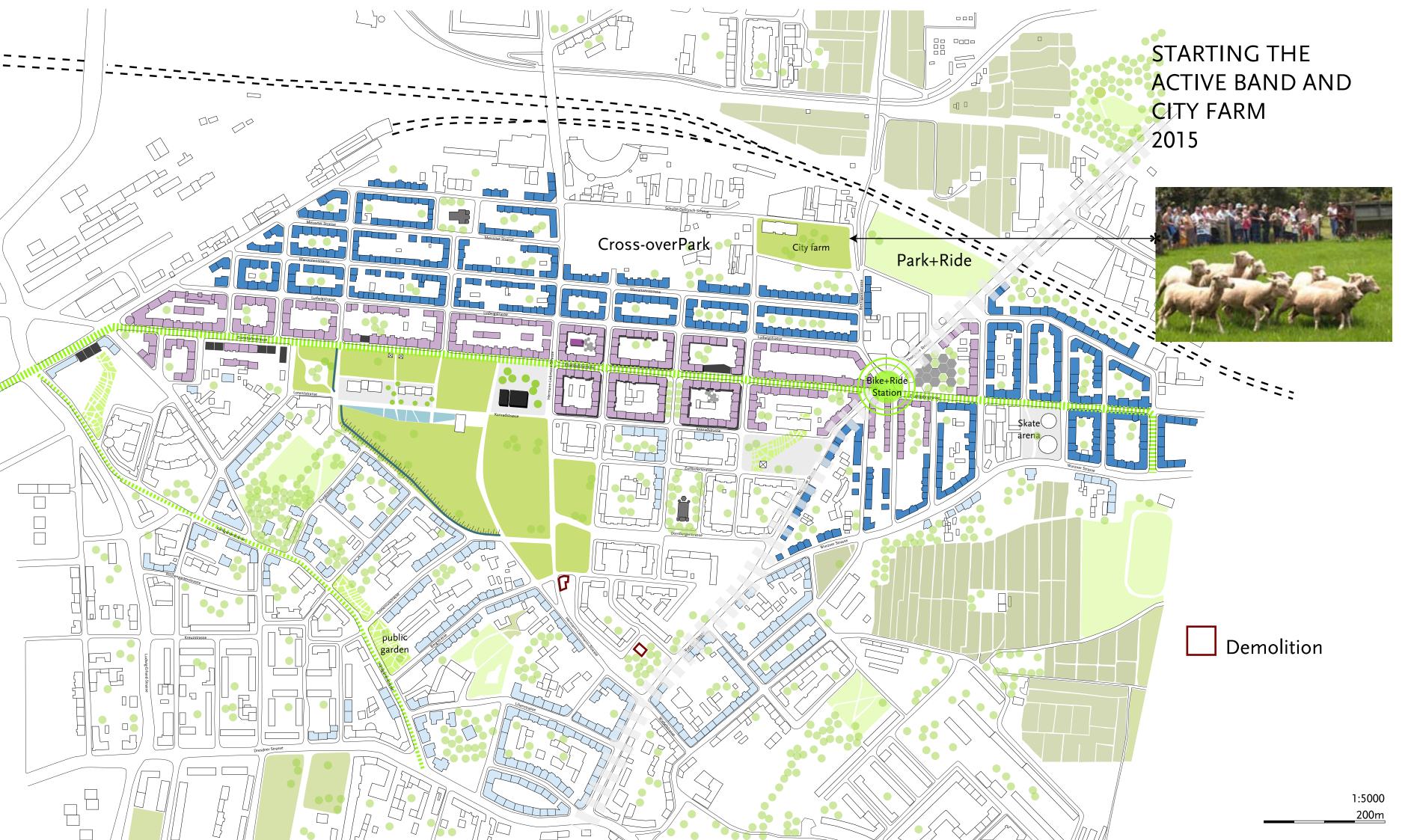


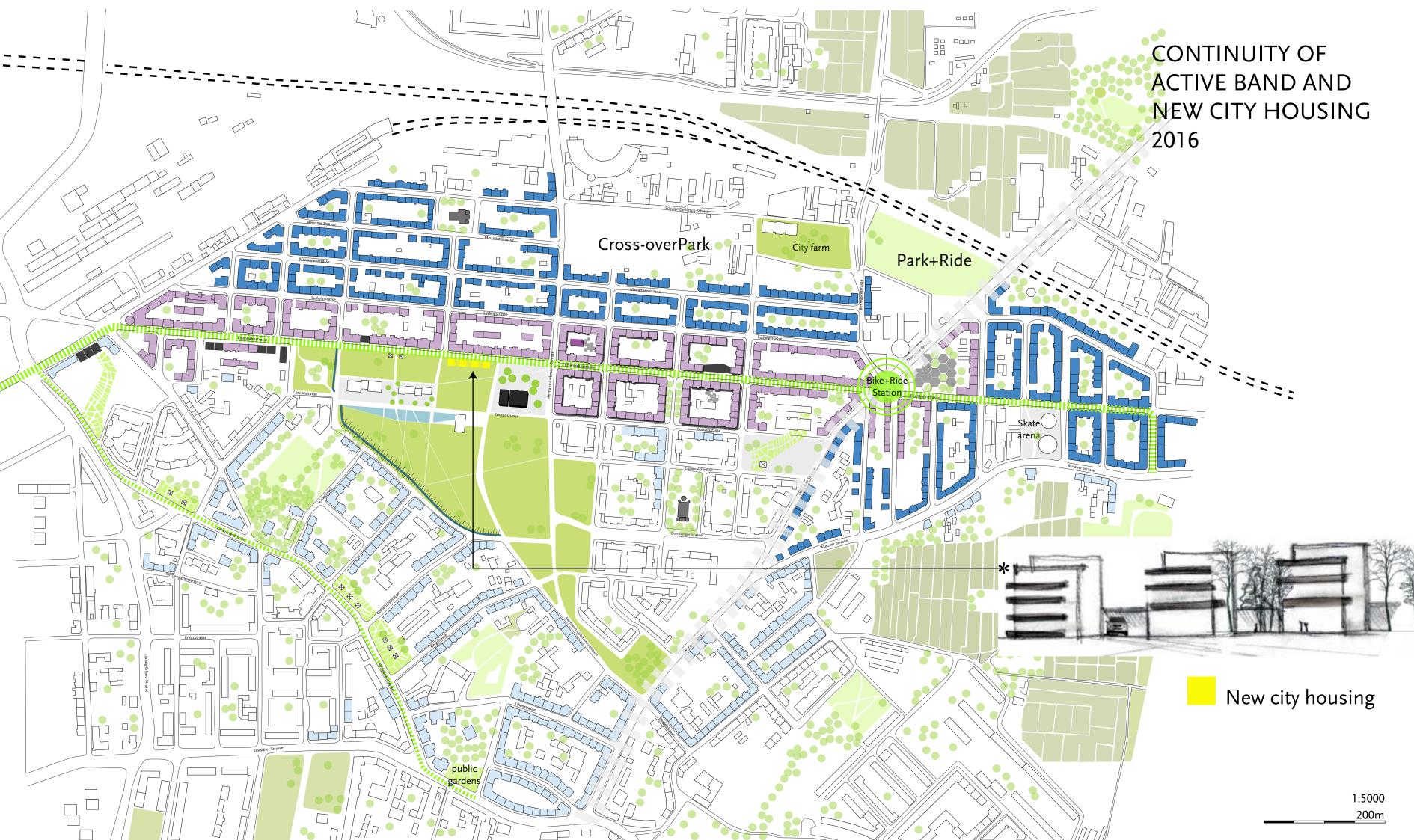


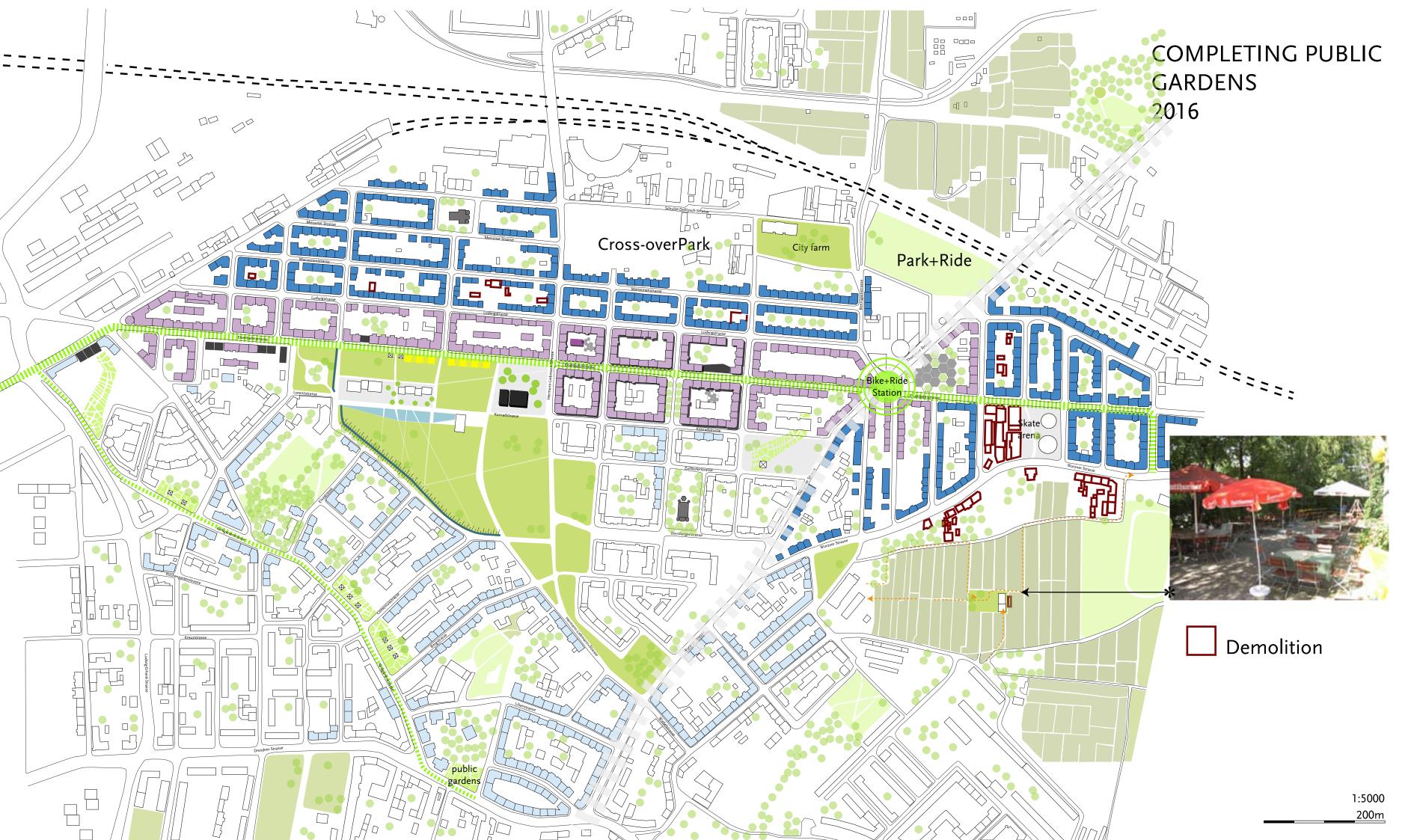


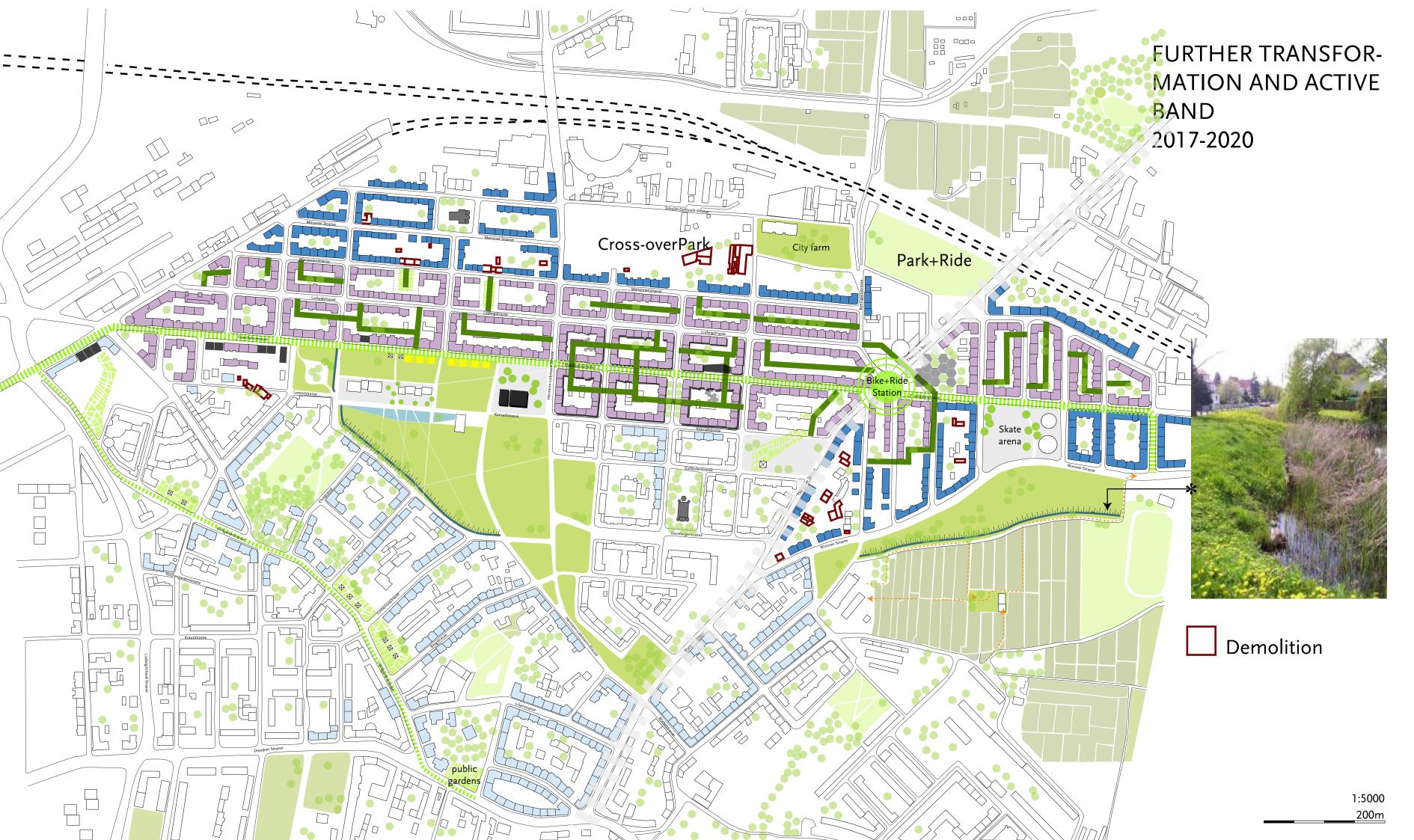


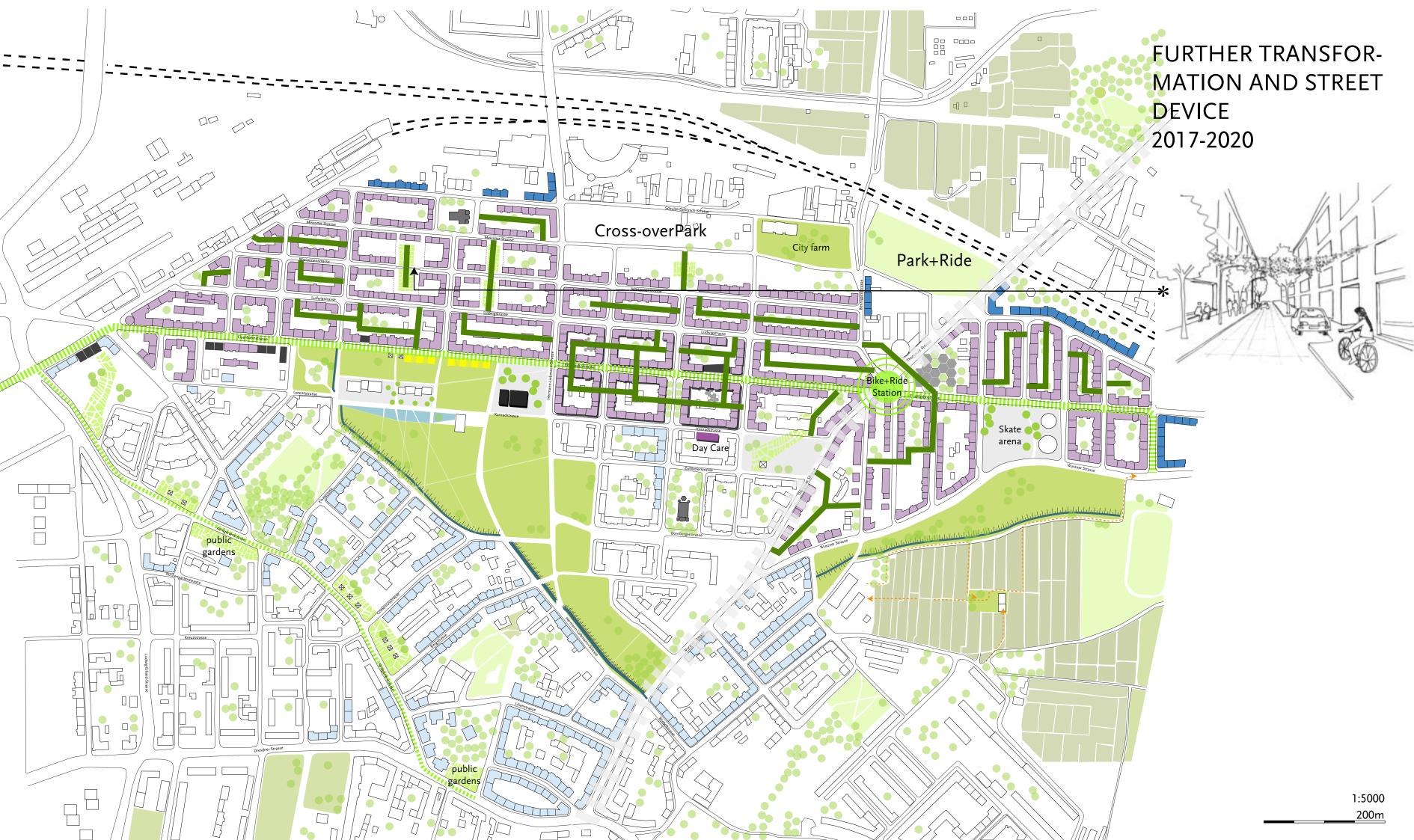


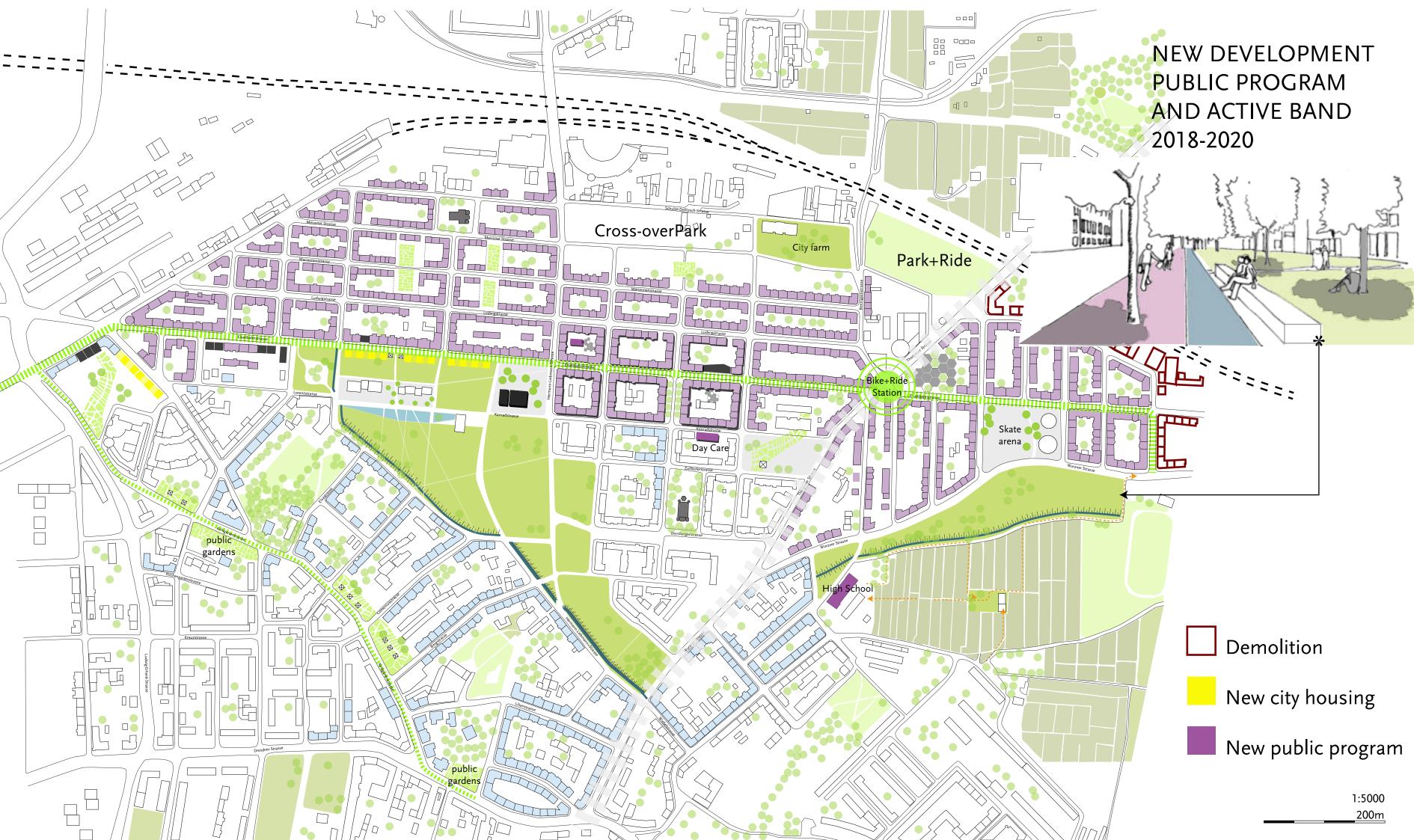


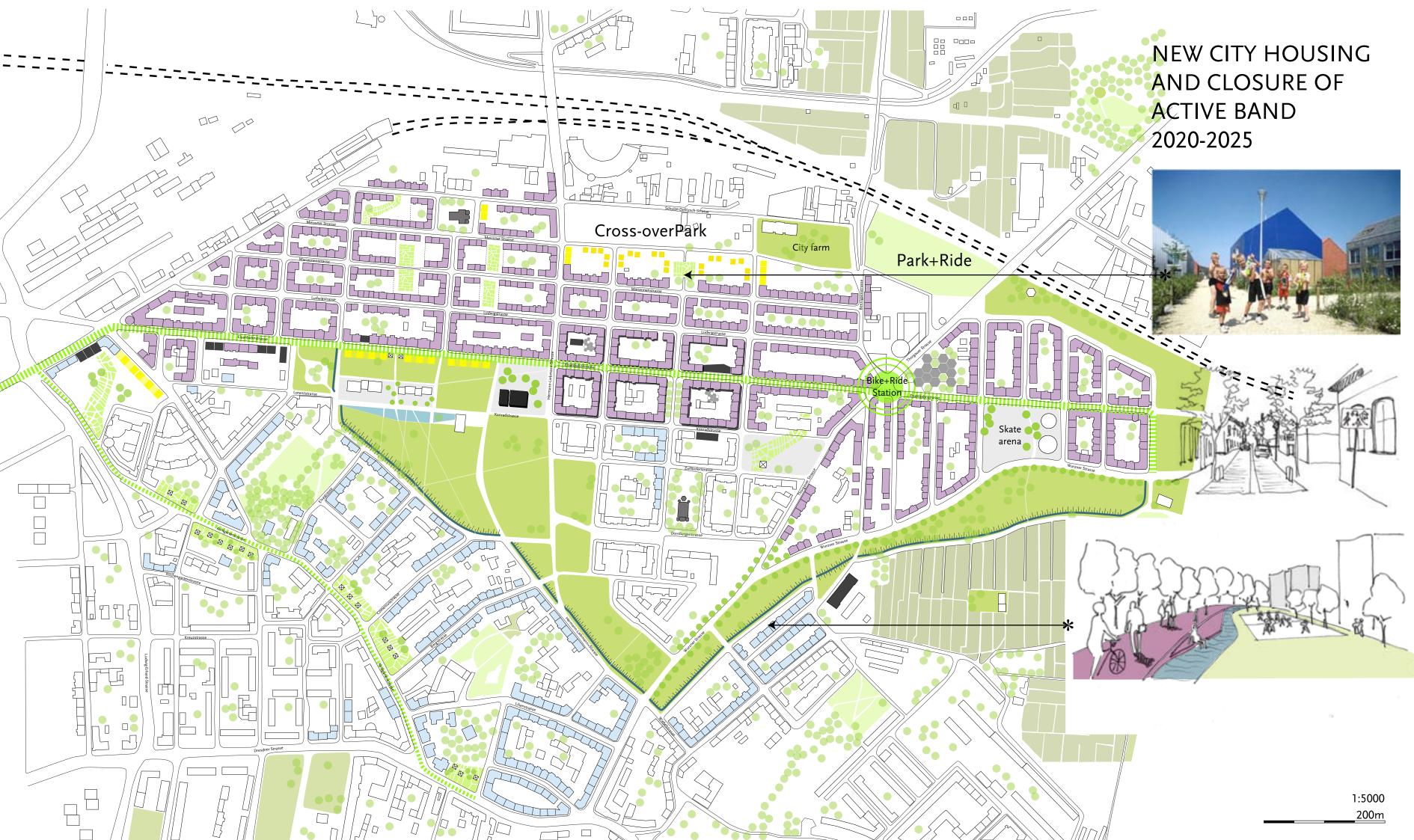














Flexible Planning MODERATE SCENARIO SHRINKAGE EXTREME GROWTH START-UP PROJECTS Step 1: Municipal Initiative: Investment 2008-2013 Mediathek, District Park, in any case Strenghtening of axis -> not waiting for the market! **TRANSFORMATION** Charge of use Private Initiative: Intervention Improving living and working space in existing urban fabric Build up can Step 2: Unit start earlier, 2013-2020 -> not depending on the according on market! demand BUILD-UP Public-Private Initiative: New facilities for possible No new build Step 3: growth of the population up projects, but -> depending on success! securing the 2020-2030 quality of the existing condition 555 Scenarion ->population growth Adjustment of the housing stock ->moderate improving of living and working growth Mediathek Bike+Ride District park ->population decline

05

DESIGN examples

City Profile - Problem Statement - Theoretical Framework - Strategic Planning Framework - Stimulating Design Examples - Evaluation Public Courtyard 05 summer **DESIGN PROJECT** sun 62.2 17houses for individual use / 1 for community use Footprint: 4,085 sqm Living and working: 15,845sqm Working space: 4,580sqm winter sun Inhabitants: approx. 150 apart., 255 15.2 green roof Cinema passage to Literature-court solar panel second address rain water courtyard Apartment-size: average 95sqm sculpture office space collection Maison-Communinette cation Apartment Auditorium first address Living+ living space Working Playground Bike-repair Atelier displays water tank Rent: 2x300EUR warm space l+v Rent: 1x350EUR warm +1x250EUR warm Bike-Bike-repair **DESIGN** project storage RADLAGER playgound sauna child

Plagwitz before ... and after urban renewal



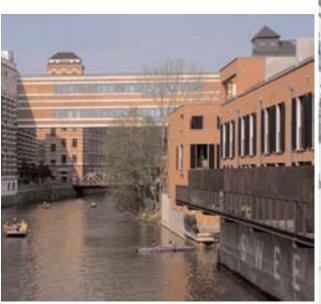




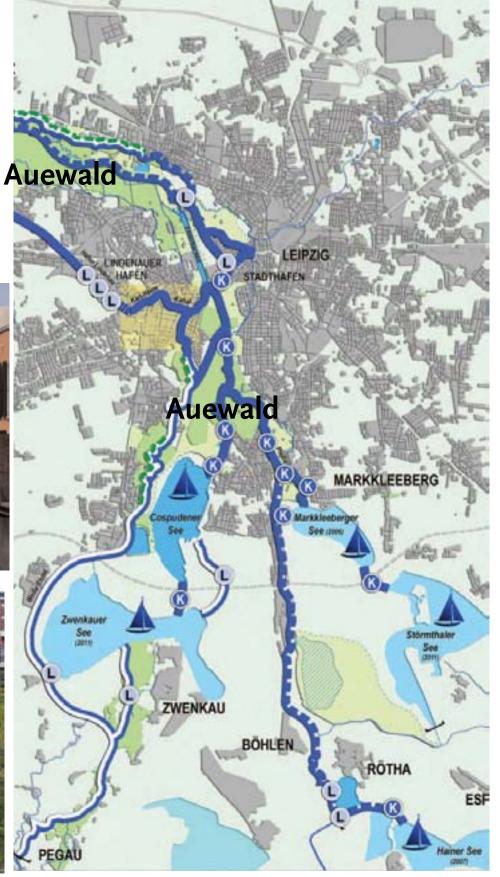


old industrial area

connection to recreation area in the south







Stadt Leipzig

Dezernat Stadtentwicklung

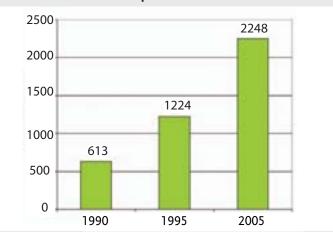
EVALUATION WITH PLAGWITZ

Qualities In The West:

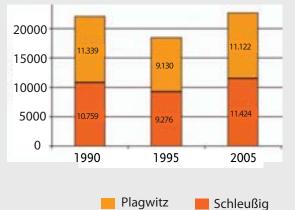
- -Proximity to Auewald
- -Waterways, Living by the water, connection to lake district
- -Proximity to city centre
 Plagwitz was able to change it's
 image from an indistrial location to
 a creative district with mostly young
 people.

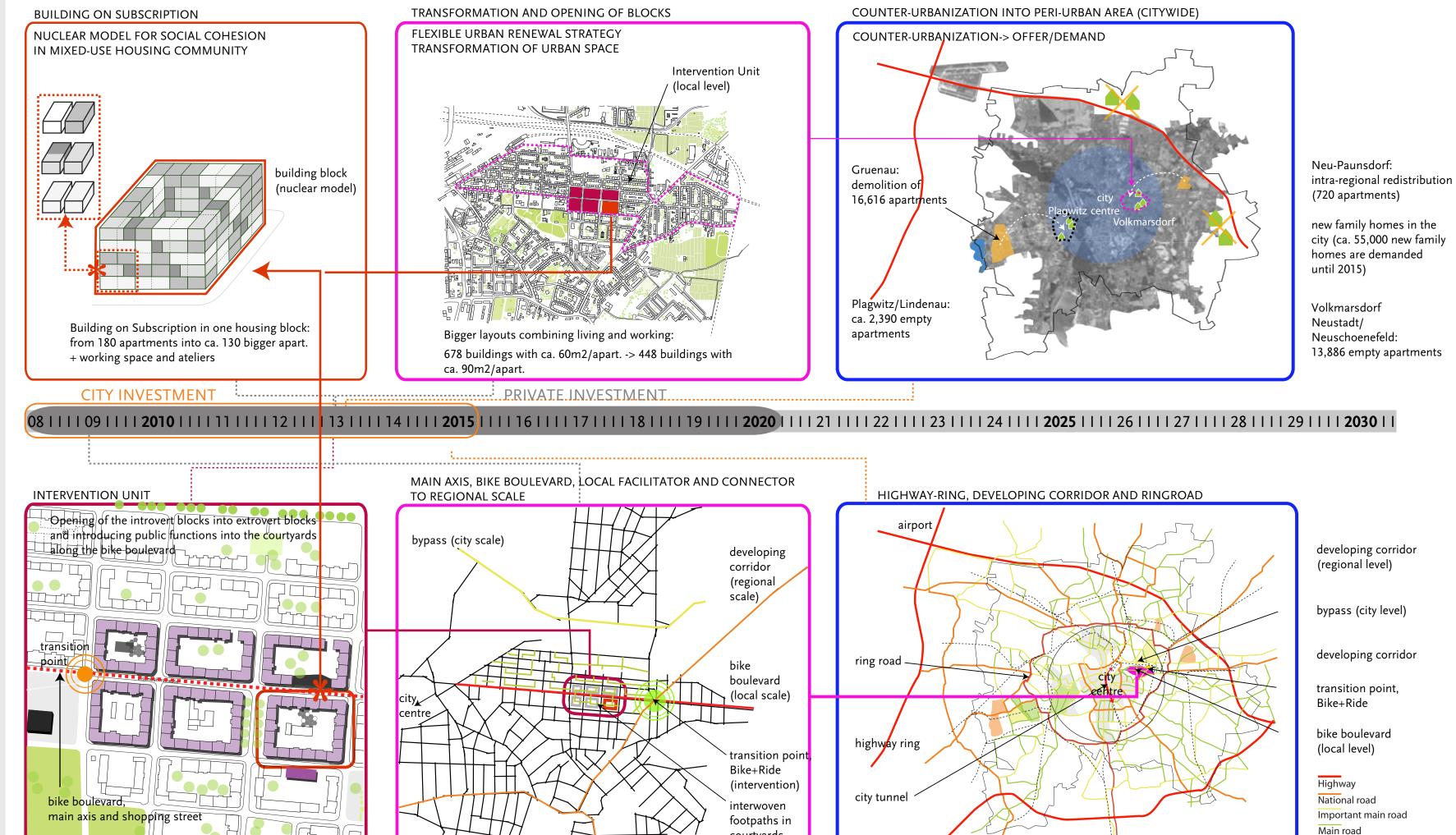
Plagwitz plays a crucial role in the whole city layout and has it's impact on the East. Waterways are reachable easily by bike.

Local Enterprizes



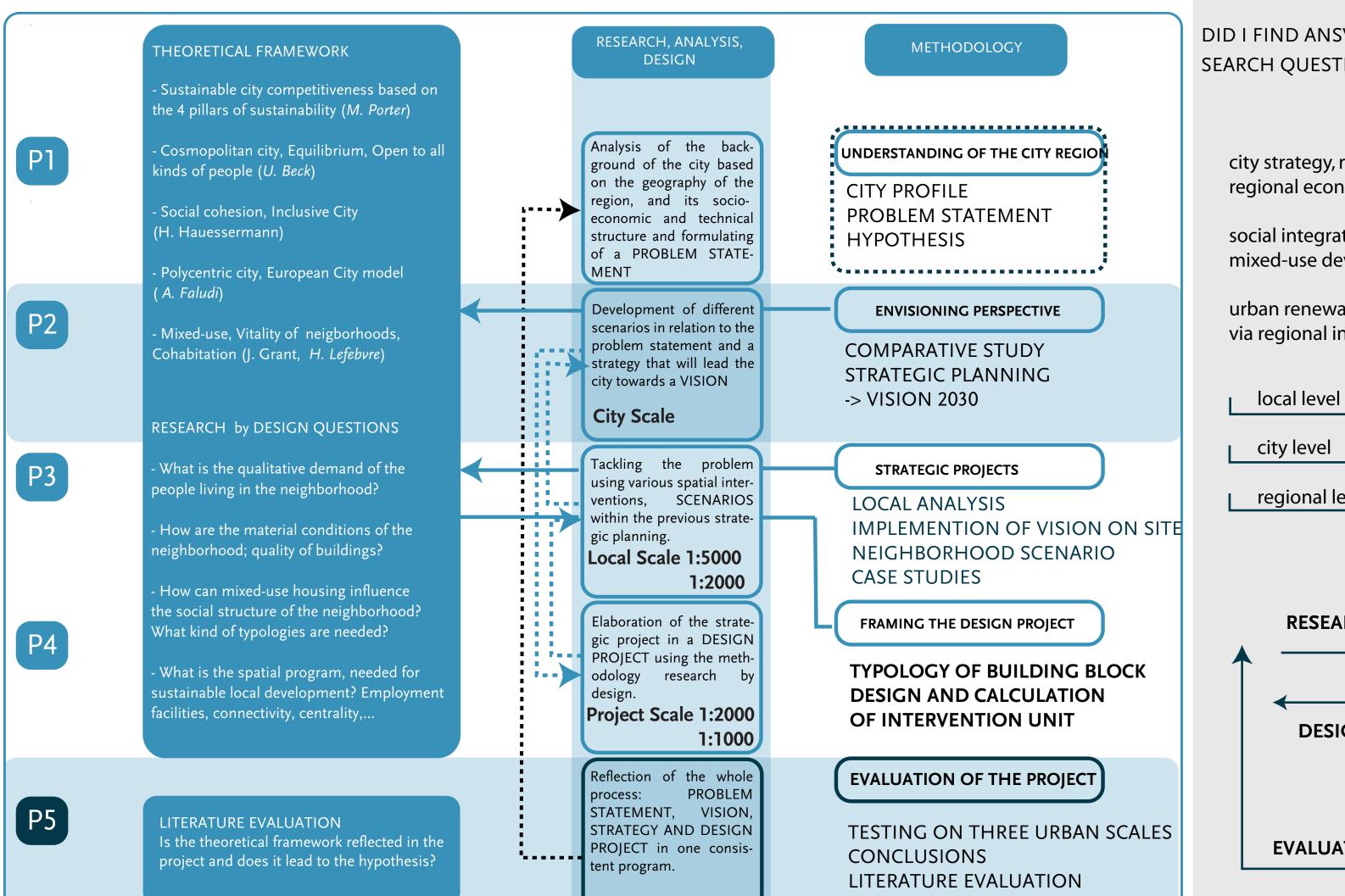
Inhabitants of district





courtyards (intervention)

Three Urban Scales



DID I FIND ANSWER TO THE RE-**SEARCH QUESTIONS?**

> city strategy, recognizing regional economical model

social integration via mixed-use development

urban renewal on local level via regional insertion

regional level

