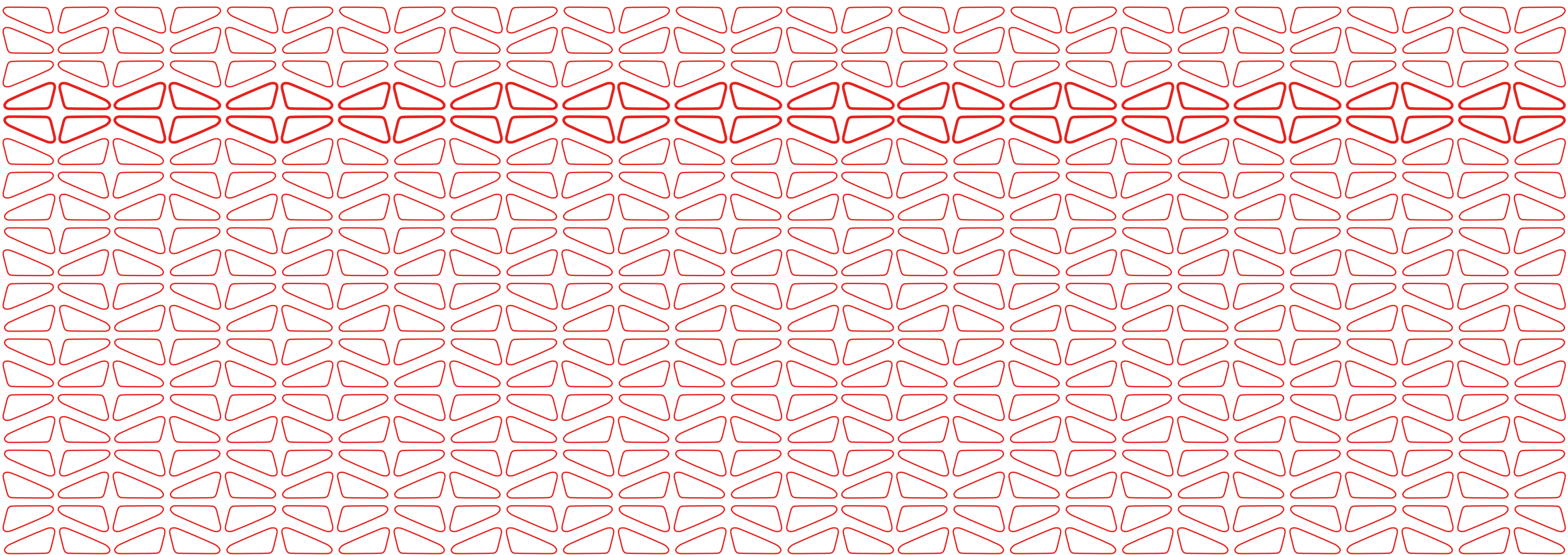




# METROLAB

RESEARCH | DEVELOPMENT | SERVICE



## Why the MetroLab?

### Metropolitanisation as a driver of development

We live in an age of fast growing cities, which have to prove their ability to innovate and adapt to the challenges of our times while at the same time embracing their cultural heritage. To create inclusive, sustainable and resilient human settlements must therefore be the main goal to meet new needs and demands accelerated by metropolitanisation – the urban embodiment of social, ecological and economic change. The MetroLab sees this change as a great opportunity to strengthen the management and development of metropolitan areas and recognises this process as a conscious design task.

### Creative Governance as an incentive to foster cooperation

Since pressing issues such as climate change mitigation, the handling of uncontrolled growth or the adaption to new mobility patterns can't be solved exclusively on a local scale, the need of an intensified cooperation across administrative borders and better coordination among all levels of governance becomes evident. The regional dimension of metropolitan areas is of crucial importance

here. Without losing sight of the human scale, the MetroLab addresses the lack of creative solutions that bring together municipalities and establish a fruitful dialogue between them. By introducing engaged Creative Governance it connects multiple stakeholders to advocate common metropolitan interests.

### Metropolitan Planning as a new discipline

The implementation of new communicative and multi-sectoral planning tools is the key to raise awareness of emerging potentials and challenges facing metropolitan regions. Precisely because the morphological, functional and legal definitions of metropolitan areas often do not coincide, neutral and independent advisory services are needed to help identify the actual needs of metropolitan development areas. As one of the globally active metropolitan labs, the MetroLab thus lays the foundation for a new type of metropolitan planning, which as a discipline of practice promotes bottom-up processes at the metropolitan level.

The MetroLab is a metropolitan Think Tank and consulting service for the integrated urban development of metropolitan areas and city regions. It introduces participative, integrative and creative-artistic elements and develops innovative metropolitan strategies as well as place-based solutions. Based on a co-creative and dialogue-oriented planning and design approach it fosters not only placemaking interventions, but also the transfer of cutting-edge knowledge in creative urban planning and bureaucracy.

## What is the MetroLab?

The MetroLab is a metropolitan Think Tank and consulting service for the integrated urban development of metropolitan areas and city regions. It introduces participative, integrative and creative-artistic elements and develops innovative metropolitan strategies as well as place-based solutions. Based on a co-creative and dialogue-oriented planning and design approach it fosters not only placemaking interventions, but also the transfer of cutting-edge knowledge in creative urban planning and bureaucracy. Facing the immensity of contemporary urban challenges, the MetroLab works with an elaborated toolbox which qualifies successful instruments of metropolitan planning and makes them applicable for different metropolitan development areas.

### Methodology and planning approach

The methodology of the MetroLab is rooted in two previous research projects: The Urban Design Lab proposing a dialogue-oriented methodology for the development of integrated urban strategies for emerging cities and the SuperWien Metropole, a project envisioning the city-region Vienna–Bratislava–Wiener Neustadt as a new capital for Europe by understanding it as a testing ground for fresh ideas in metropolitan planning. The process-oriented planning approach of the MetroLab suggests the following main steps:

### 1 CONFRONTATION

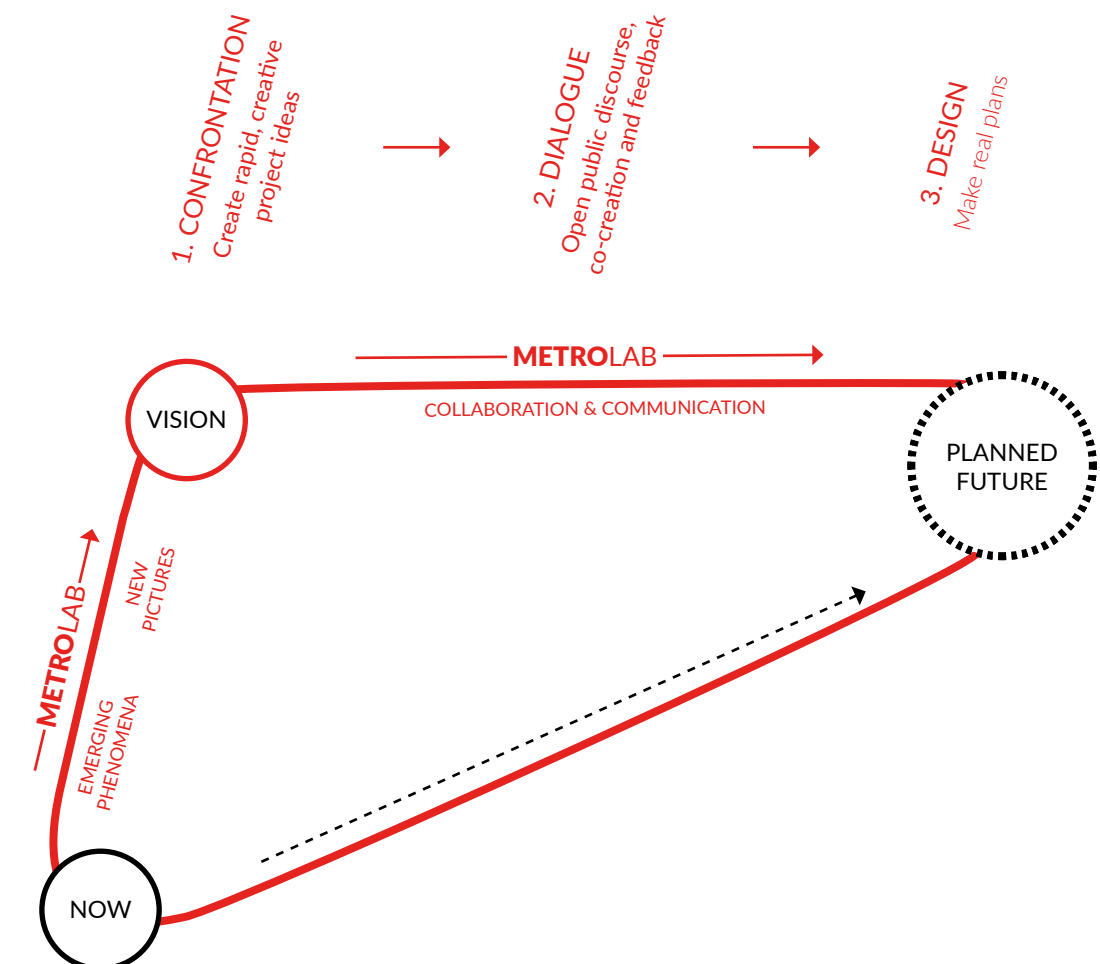
Rapid and creative project ideas are created as a basis to confront the public with a new, visionary image of the metropolitan area. This vision is based on an assessment phase, including data collection, research on existing development strategies, policies and the history of the metropolitan area, as well as a governance analysis. The predominant challenges and potentials are categorised and analysed, and finally reinterpreted in a metropolitan vision.

### 2 DIALOGUE

Based on the confrontation, an open discourse with the public is established. The visions and design concepts are supported by exhibitions, lectures and debates within the framework of a Metropolitan Forum. In order to receive valuable feedback on the designs, a series of events will be organised in the metropolitan area within one year and the public will be invited to co-create with the architects and planners. International experts will be involved to introduce new creative concepts of metropolitan planning.

### 3 DESIGN

In a third step, the vision and validated design concepts are brought to a realistic and feasible level in cooperation with the responsible planning officers at different levels. In a Metropolitan Action Plan, ideas for the local and regional planning levels are specified, elaborated and interpreted. As part of this Plan, a specified toolbox for metropolitan planning will be developed for the respective case.



# How does the MetroLab work?

## MetroLab Services

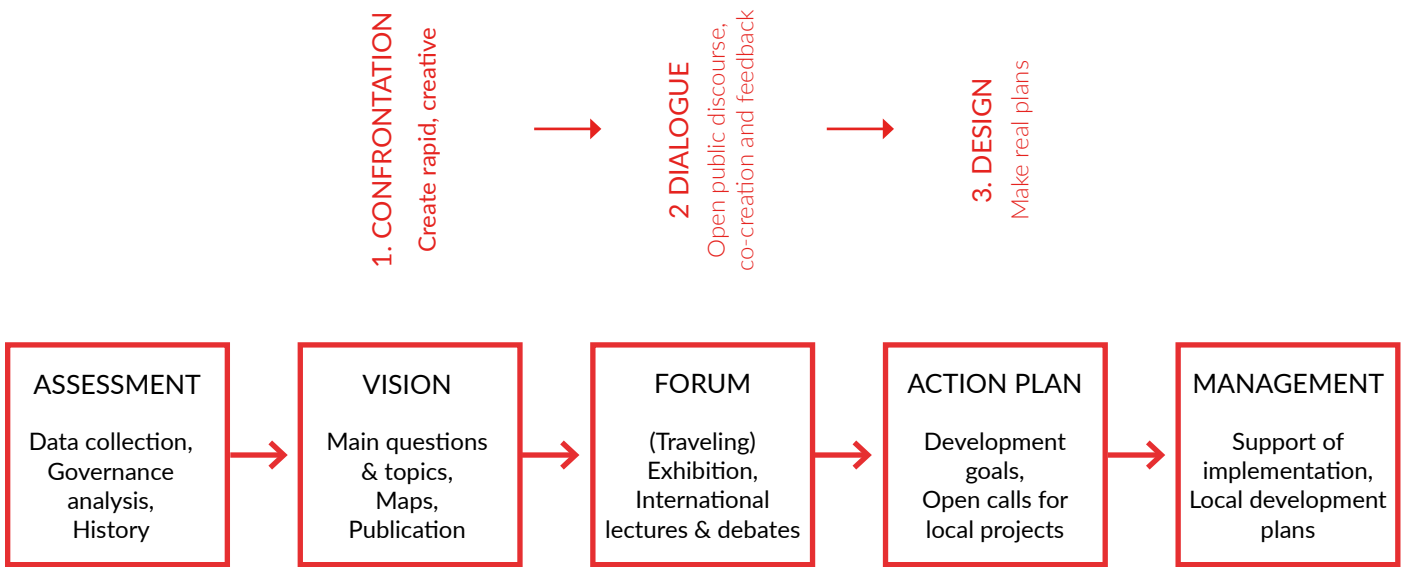
As the MetroLab is a consulting service for metropolitan areas and city regions, potential clients are municipalities in the metropolitan areas or city regions, regional governments and/or multilateral organizations such as development agencies or the branches from United Nations, World Bank Group, Inter-American Development Bank, among others.

Among our services are:

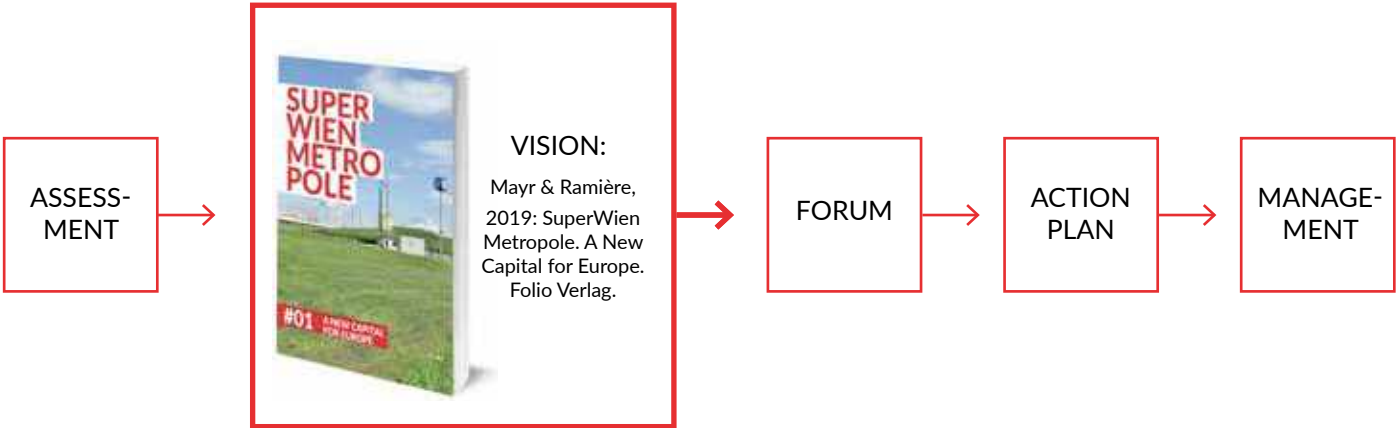
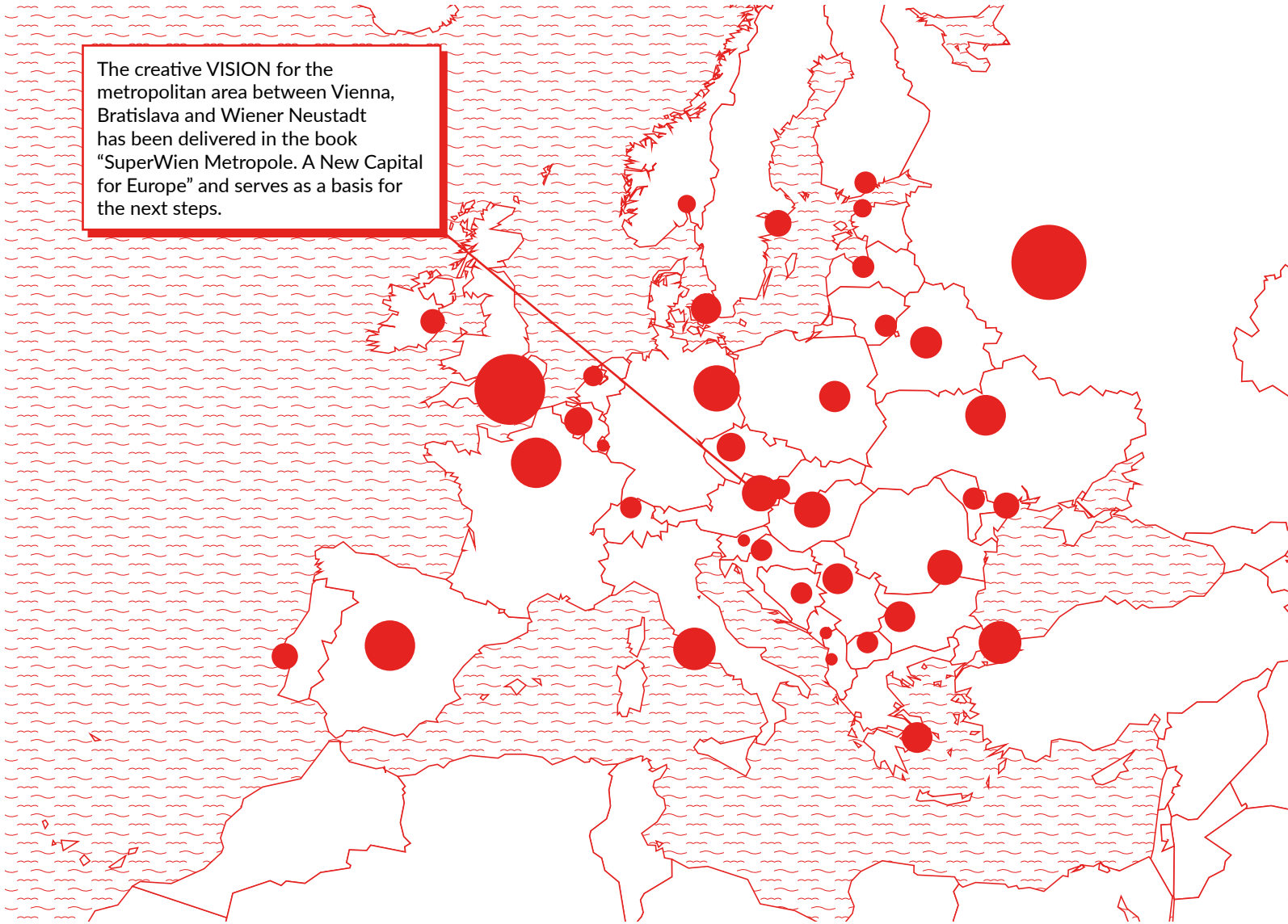
- the moderation of complex planning and design processes bringing together a myriad of stakeholders of the public and private sector,
- the curatorship of a dialogue between those stakeholders, including design-oriented artistic interventions,
- the development of strategies, visions, plans, etc. in a creative project environment,
- as well as the supportive management of the implementation of the metropolitan, place-based projects.

## MetroLab Modules

The service of MetroLab is organized in 5 modules, following the main steps of Confrontation, Dialogue and Design. The process always is adapted to the planning context and culture of the respective metropolitan area or city region and modules can be combined according to the needs of the metropolitan development area. In the first module, the ASSESSMENT, a broad analysis of the governance structures, the history of the area, as well as a data collection (concerning mobility and transport, demography, ecological footprint, etc.) is conducted. Based on the results, a creative VISION for the metropolitan area is designed, that confronts the public with a new image of the area, asking questions and presenting main topics. There are different possibilities on how to present and publish the vision, e.g. as a book, magazine or movie. During the FORUMS the vision will be discussed with a variety of stakeholders from the private and public sector, in the form of a (travelling) exhibition, public lectures and debates. Based on the results of the discussions, an ACTION PLAN, including concrete development goals for the area will be prepared in cooperation with involved stakeholders. In this phase, project areas will be defined and open calls for local projects organized in close cooperation with responsible administrative bodies. Since we offer support in the implementation of such development projects, our service also includes their MANAGEMENT.

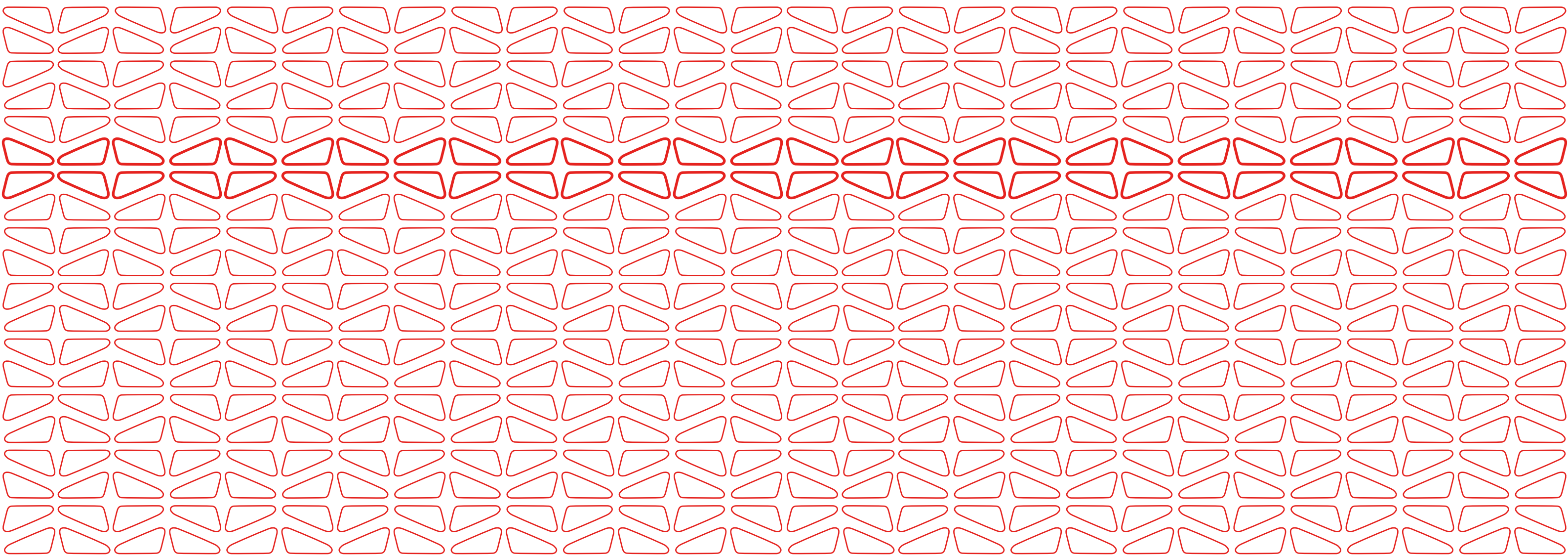


# Exemplary case study: SuperWien Metropole





Team





## Who is the MetroLab?

### International team with strong roots

The MetroLab team consists of the partnering offices Superwien urbanism, based in Austria and CoCo architecture, based in France and Austria. The joint MetroLab office in Vienna was founded in 2020 and goes back to the early cooperation of Stefan Mayr and Cédric Ramière. The two co-founders of the above mentioned planning and design offices met during their studies at the TU Delft in Rotterdam, Netherlands, where they worked for the Dutch offices MVRDV and Juurlink and Geluck.

Driven by their strong fascination for metropolitan planning and their deep interest for the European Union development, they co-founded YEAN (Young European Architects Network) in 2003. This network, in which partners from Rotterdam (Netherlands), Bordeaux (France) and Vienna (Austria) are involved, has become known above all through the film and book project «TirolCITY, New Urbanity in the Alps», which has won several prizes. Further major exhibitions and publications, such as the recent publication «Supervien Metropole #1, A New Capital for Europe» followed.

Since then, an international team has gathered around the two architects, working together not only in the offices in the French province of Dordogne and in the Austrian capital Vienna, but also in a virtual office using various online platforms.

### Our competences

As professional Architects, Urban Designers and Urban and Regional Planners with different backgrounds and experiences (for example in communication and graphic design, social anthropology etc.) we offer a wide range of competences within the MetroLab team, reaching from the local to the metropolitan scale - from product design to territorial strategies. Among our specialties at local level are for example public space and street design, sustainable construction or housing development strategies. On a neighborhood to city scale we have profound experience in developing concepts for the use of ground floor zones as well as integrated urban development strategies with focus on the establishment

of new centralities. On metropolitan and regional level, the MetroLab team possesses in-depth knowledge and experience in co-creating metropolitan visions and developing master plans and densification concepts.

Through various international and local projects, the team has developed, tested and evaluated a broad range of participatory and dialogue-oriented methods that can be applied in different phases of a development process. The toolbox of the Urban Design Lab Handbook, co-edited by the co-founder of Superwien urbanism, Roland Krebs, serves as an important basis for this.

### Network

Since metropolitan planning and development is a broad and complex topic that requires an integrated approach and cooperation on different levels, our team is embedded in an international network that shares competences and expertise in the broad field of metropolitan development.

In our projects, we work together with experienced mobility and traffic planners, infrastructure, energy and environmental experts. Moreover, urban and regional geographers, sociologists and urban anthropologists are an essential part of our network. Experts in real estate markets and urban and regional economists complement our own competences. Most importantly, however, for each project we build strong connections with local stakeholders at administrative, academic and private level, as well as with civil society.

## PROJECT TEAM

### STEFAN MAYR

Architect and Urban Planner  
Associate at Superwien Urbanism

→ Urban Design and Product Design

### ROLAND KREBS

Urban and Regional Planner  
Associate at Superwien Urbanism

→ Urban Design and Urban Economics

### MARA HAAS

Urban and Regional Planner  
Superwien Urbanism

→ Metropolitan Strategies and Placemaking

### CEDRIC RAMIÈRE

Architect and Urban Designer  
Associate at CoCo architecture

→ Sustainability and Territorial Strategies

### CLAUDIA STAUBMANN

Architect and Urban Designer  
Associate at CoCo architecture

→ Housing Development Strategies

### FLORA FESSLER

Urban Designer  
CoCo architecture

→ Metropolitan Strategies and Participatory Planning



# Stefan Mayr

Co-Managing Partner, Superwien Urbanism Vienna  
Architect ZT  
Expert for Urban Design and Product Design

Stefan Mayr, originally coming from a small town in Tyrol, Austria, moved to the capital city Vienna for his studies and still is settled here, with strong connections to the mountainous region. Thus, his work is strongly influenced by contrasts and extremes of rural and urban life and their effects on the built landscape. During his studies at the Vienna University of Technology, Faculty for Architecture he got to know foreign planning cultures, e.g. on his trips to Ethiopia and Pakistan. At the University of Delft in the Netherlands and while working for MVRDV, he got inspired by Winy Mass.

Stefan´s interests in architecture range from small to large scale - from product design and modular architecture to metropolitan visions. He is experienced in container architecture and developed different creative solutions for festivals, such as an outdoor modular shower or beer bar for Ottakinger, Viennas most popular brewing company. For a regional development project in Montafon, he transformed an old train wagon into a movable exhibition space, traveling through the whole region.

Stefan´s creativity is also seen in larger-scale, visionary projects, such as "TyrolCity", that was developed together with YEAN (Young European Architects Network) and has gained great international recognition. His activism in this European network of researchers in the field of urban planning led him to collaborate with artists and other architects and researchers.

In 2007, Stefan co-founded Superwien in Vienna to develop high-quality architecture and urban planning projects from housing development to metropolitan planning. Today, Stefan is involved in several urban design and architecture projects in Vienna, Tyrol and other Austrian regions, as well as abroad and works in particular on the development of the greater Vienna area in Austria (SuperWien). Moreover, he is teaching at the Vienna University of Technology, Faculty for Architecture. Stefan also is co-founder of "Die Schoene", a galery and off-space for contemporary art in Vienna.

Born in 1973 in Austria,  
Austrian citizenship.

Fluent in English and German.

Contact  
stefan@metrolab.design

## EDUCATION / TRAININGS

2017 (ongoing)  
Cooperation Kuess Mayr Riepl Architekten, Bregenz - Linz - Vienna, Austria

2014  
Die Schöne – gallery, project space and event location for creatives, Vienna, Austria

2010  
Lecturer of different urban design modules at Vienna University of Technology, Austria

2007  
Founding member of Superwien Urbanism ZT OG (and under different names)

2003-2008  
Co-director of kgm architektur, Vienna & Bregenz, Austria

2003  
Founding member of YEAN, European network of researchers in urbanism, in Rotterdam, The Netherlands, Vienna, Austria, and Bordeaux, France

2001  
Architectural Diploma, obtained at Vienna University of Technology, Austria

2000-2001  
Employee at MVRDV architects, Rotterdam, The Netherlands

1999-2000  
Erasmus student at the Delft University of Technology, Netherlands

1993-1999  
Employee at Falch architects, Austria - Ethiopia - Pakistan

1993-2001  
studied at Vienna University of Technology, Austria

1992  
Baccalaureate, Austria

## EXHIBITIONS, LECTURES, PUBLICATIONS

2019  
lecture at Architektur In Progress, Vienna, Austria

2018  
"SuperWien Metropole #1, A New Capitale for Europe", paper edition published by Folio, Vienna, 2018, 216 pages, English, in collaboration with Cedric Ramière

2018  
"Das Hausfeld: Ein Experimentierfeld für innovative, urbane Ideen in Neubaugebieten", in: Magistratsabteilung 18 - Stadtentwicklung und Stadtplanung (eds): Öffentlicher Raum - Transformation im Städtischen, Stadtentwicklung Wien Werkstattbericht 170, pp. 78-81, in cooperation with Roland Krebs

2018  
Urban Development Plan 2025, Thematic Concept "Polycentric Vienna", client: MA 18 Stadtentwicklung und Stadtplanung, Vienna

2016  
Krebs, R. Mayr, S. (2016) "SUB>URBAN reinventing the fringe", a study of densification at the fringe of Vienna, in cooperation with the municipality Vösendorf, NÖ, URBACT III Project, MA 18 – Stadtentwicklung

2008  
"Archilab, TirolCITY", FRAC Centre, Orleans, France

2007-2008  
"Die Kunst Der Landwirtschaft, TirolCITY", exhibition at Ferdinandum, Kultur Tirol, Innsbruck, Austria

2005  
"eme3 - 3rd Architectural Market, TirolCITY, Sometimes my garden is a city", exhibition at ADN Barcelona, Spain

2005  
"LA05, TirolCITY Tour", exhibition at Kunsthalle Tirol Betriebsges.m.b.H., Hall-in-Tirol, Austria

2005  
"TirolCITY: New Urbanity in the Alps / Neue Urbanität in den Alpen", Tirol, Austria, paper edition published by Folio, Bolzano, 288 pages, English and German, in collaboration with YEAN\_VIE, YEAN\_RTM

Winner of the Margarethe Schütte-Lihotzky scholarship, Austria

Winner of the HGIS-subsidies scholarship from the Ministry of Education of The Netherlands

## PROJECTS

Khiva – Enhanced Heritage, Uzbekistan

Masterplan Neues Landgut, Vienna

Neue Mitte Tempelhof, Berlin

Produktiver Standort Wolfganggasse, Vienna

SuperWien Metropole #1, A New Capitale for Europe

Chartak – First Eco-City in Uzbekistan

Kagan – Gateway to Bukhara, Uzbekistan

Masterplan and Cooperative process Oberes Hausfeld, Vienna

Piccardsaal Obergurgl, Austria

Rösslergasse Vienna, Austria

Nordwestbahnhof Vienna, Austria

Fast Lane Ottaking, Austria

SUB>URBAN Reinventing the fringe, Austria

Ottabrause, Austria

TirolCITY: New Urbanity in the Alps / Neue Urbanität in den Alpen



Born in 1976 in Grieskirchen,  
Austrian citizenship.

Fluent in German, English and Spanish.

Contact  
krebs@superwien.com

# Roland Krebs

Co-Managing Partner, Superwien Urbanism Vienna  
Urban and Regional Planner ZT  
Expert for Urban Design and Urban Economics

Roland Krebs is an urban planner / urbanist from Vienna, Austria who develops strategic action plans for cities to tackle urban growth. He has a vast, international experience in urban planning, design and development, real estate development, land use planning and regional planning. He studied urban and regional planning at the Vienna University of Technology, Austria and graduated with an MBA in strategic management (MBA) from the Universidad de Belgrano, Argentina.

After developing international urban real estate projects in Bulgaria, Serbia, Rumania and Russia from 2003 to 2010, he was the Project Lead for Urban Design for the New Central Railway Station Vienna (Wiener Hauptbahnhof) until 2013. Since then he has been leading large-scale Urban (Re)Development Projects for the Inter-American Development Bank in Panama, Chile, Argentina, Colombia and Mexico, with a focus on establishing sustainable urban economies.

He shares his international experience with researchers and students from the Technical University Vienna at the Interdisciplinary Centre for Urban Culture and Public Space (SKuOR) and the Institute of Urban Design and Landscape Architecture (STB), where he holds and appointment as lecturer since 2011. His interdisciplinary work combining new urban planning strategies with developing urban economies (the Urban Design Lab), which focuses particularly on the design of urban strategies and preparation of pre- feasibility studies, budgeting and reporting, was awarded special funds by the Austrian Ministry of Finance.

Roland is also a validated Lead Expert for Urban Planning in the URBACT III Program – the European exchange and learning programme promoting sustainable urban development and in 2015 has won the City of Vienna 1st prize for the masterplan competition for urban design and development of Oberes Hausfeld (OHF), a 26 ha new development next to Seestadt Aspern with collaborative components with stakeholders in the planning process.

## EDUCATION / TRAININGS

2010  
Lecturer of different urban design modules at Vienna University of Technology, Austria

2015  
Postgraduate in Rehabilitation of Historical Centres, Universidad Oberta, Barcelona (UOC) and Oficina del Historiador de La Habana, Cuba

2013  
Director of Urban Design Lab in cooperation with Vienna University of Technology, Austria

2013  
Consultant at Cities Program at Inter-American Development Bank IDB, Emerging and Sustainable Cities, director of the Urban Design Lab, Washington, DC

2010-2013  
Project Leader for Urban Planning and Land Sale, Vienna Main Station (160 ha development in Vienna), Austrian Federal Railways

2007  
Founding member of Superwien Urbanism ZT OG (and under different names)

2007  
Business Administration Diploma, thesis entitled XXX, obtained at Universidad de Belgrano, Buenos Aires

2006-2007  
studied at Universidad de Belgrano, Buenos Aires

2002-2010  
Real-Estate manager and project leader of Raiffeisen International Headquarters in Sarajevo and Belgrade, at Raiffeisen Bank Property

Management, Vienna, Austria

2001-2002  
Project Manager and Urban Designer at Casa de los Tres Mundos, Granada, Nicaragua

2001  
Architectural Diploma, obtained at Vienna University of Technology, Austria

1995-2001  
studied at Vienna University of Technology, Austria

1995  
Baccalaureate, Austria

## LECTURES, PUBLICATIONS

2019  
lecture at Architektur In Progress, Vienna, Austria

2019  
"Urban Design Lab Handbook: Dialogue-oriented urban transformation processes and practical approaches from Latin America and the Caribbean", Jovis Verlag, in cooperation with Markus Tomaselli

2018  
"Challenges of the Fragmented City", in: Mayr, S.; Ramière, C. (eds.): Super Wien Metropole: A New Capital for Europe, Folio Verlag, pp. 98-99

2018  
"Das Hausfeld: Ein Experimentierfeld für innovative, urbane Ideen in Neubaugebieten", in: MA 18 (ed): Öffentlicher Raum

- Transformation im Städtischen, Stadtentwicklung Wien Werkstattbericht 170, pp. 78-81, in cooperation with Stefan Mayr

2018  
"Placemaking Methodology for Serbian Urban Planners", World Bank-Austria Urban Partnership Program: World Bank Group, Belgrade, Serbia

2018  
"How can Urban Manufacturing contribute to a more sustainable energy system in cities?", IJSEPM, EERA, in cooperation with Austrian Institute of Technology and Fraunhofer Austrian Research GmbH, Tötzer, T.; Stollnberger, R.; Biegler, C.

2016  
Nassau Urban Lab: the creative city as a tool for urban development, in: Laven, D.; Skoglund, W. (Eds.) Valuing and Evaluating Creativity for Sustainable Regional Development, Mittuniversitetet Sweden, pp. 87-88, in cooperation with Benton, S.; Burnside, P.

2016  
Panama Urban Lab: Why working with universities makes sense for urban design, in: Krebs, R.; Terraza, H. (Eds.) Urban Design Lab: nuestro mundo de estrategias urbanas, Inter-American Development Bank, [online] <https://issuu.com/rolandkrebs7/docs/30091000> [02.01.2017]

2016  
METROLAB: Plan de integración de espacios públicos. Alerce, Puerto Montt; Puerto Chico, Puerto Varas, Chile, Inter-American Development Bank, in cooperation with Hofer, A.; Sattlegger, S.

2016  
Urban Manufacturing: Herausforderungen und Chancen von Urban Manufacturing für Österreichische Städte aus den Perspektiven Gesellschaft, Standort und Industrie, Bundesministerium für Verkehr, Innovation und Technologie, in cooperation with Jung-Waclik, S.; Katzler-Fuchs, S.; and Schechtner, K.

2016  
SUB>URBAN reinventing the fringe, Studie zur Nachverdichtung des Randes von Wien, Wien 21, in Kooperation mit Gemeinde Vösendorf, NÖ, URBACT III Project, MA 18 – Stadtentwicklung, in cooperation with Mayr S.

2015  
Laboratory for the city: Transforming the Monteria Market, in: Urban-Think Tank Chair & Transdisciplinarity Lab ETH Zurich (Eds.): Markets in the Tropics, ETH Zürich, p. 35

2014  
TUTUR Temporary use as a tool for urban regeneration, URBACT II Project, [online] <https://www.aaa-bremen.de/assets/FINAL-REPORT-TUTUR-final.pdf> [02.06.2016], in cooperation wiht Pietro, E.; Patti, D.; Polyak, L.

## PROJECTS

Khiva – Enhanced Heritage, Uzbekistan

PlaceCity – Placemaking for Sustainable, Thriving Cities

Masterplan Neues Landgut, Vienna

Neue Mitte Tempelhof, Berlin

Atelier Kanina – 100 Villages Albania

Produktiver Standort Wolfgangasse, Vienna

Placemaking Belgrade, The World Bank Group, Urban Partnership Program, Serbia

Urban Design Lab Santo Domingo Este, The Dominican Republic

Urban Design Lab Handbook

Ksamil – Integrated Urban Regeneration Concept, The World Bank Group Albania

Chartak – First Eco-City in Uzbekistan

Kagan – Gateway to Bukhara, Uzbekistan

Masterplan and Cooperative process Oberes Hausfeld, Vienna

Nordwestbahnhof Vienna, Austria

SUB>URBAN Reinventing the fringe, Austria





# Cédric Ramière

Co-Managing Partner, CoCo architecture Dordogne  
Architect DPLG  
Expert for Sustainability and Territory Strategies

Born in 1976 in Gourdon,  
French citizenship.

Speaks fluent French and English, a few words of  
German and Thai.

Contact  
cedric@metrolab.design

Cédric Ramière is an authentic Périgourdin, whose architectural style was influenced by the local architectural heritage and then by his many travels around the world. Thus, during his studies at the School of Architecture in Bordeaux, he pursued a culture of foresight and research, notably through his exchanges with Jacques Hondelatte, then at the University of Delft in the Netherlands, where he met Winy Mass

Cedric's research, completed in the Netherlands and Bangkok, Thailand, generally focuses on a larger scale. In Bangkok, he explored ways to reutilize skyscrapers that had been abandoned during their construction. Several years later, he participated in a study on the possible urban changes Bangkok faces with rising water levels in the delta of the Chao Phraya River. His work was sponsored by the EDF (Electricity of France) foundation and exhibited at the Bangkok Museum of Contemporary Art and in Paris at the EDF Electra space.

His activism in European architectural networks, notably through YEAN (Young European Architects Network), a European network of researchers in the field of urban planning, in Rotterdam (NL), Vienna (AT) and Bordeaux (FRA), led him to collaborate with artists and other architects and researchers. This network has so far produced studies and exhibitions that have been widely distributed and published. In particular, the "TyrolCity" project has gained great international recognition.

In 2005, together with Claudia Staubmann, Cédric founded CoCo in Périgord to develop high-quality contemporary architecture. Today, Cédric develops his future-oriented vision for the agency's projects and works in particular on the development of the greater Vienna area in Austria (SuperWien). Through his involvement with the Maison d'Architecture d'Aquitaine in France, with which he develops tools to promote contemporary architecture, he is particularly involved in the life of the urbanist profession. Moreover, he has created the regional architecture prize of the Aquitaine region (prad'a) and is teaching at the Bordeaux School of Architecture.

## EDUCATION / TRAININGS

2019  
Teacher at the Ecole Nationale Supérieure d'Architecture et de Paysage de Bordeaux

2010-2019  
Jury member for architecture competitions

2012-2019  
Deputy Secretary General of the Maison d'Architecture in Aquitaine

2007  
Graduated as an Architect, thesis entitled "Architecture LAND, la ville à la carte", Bangkok, obtained at Ecole Nationale Supérieure d'Architecture et de Paysage de Bordeaux

2005  
Founding member of Sarl CoCo architecture, with Claudia Staubmann

2004  
Assistant Professor, Workshop in Phnom Penh, Cambodia

2003  
Founding member of YEAN, European network of researchers in urbanism, in Rotterdam, The Netherlands, Vienna, Austria, and Bordeaux, France

2002  
worked for NHA (Ministry of Housing) in Bangkok, Thailand  
worked at Arc en Rêve, Architecture Center in Bordeaux

2000-2001

Student at the Kasetsart University in Bangkok, Thailand

2000-2001  
Workshops in the Dordogne, Bangkok, Thailand, in San Salvador, El Salvador

1999-2000  
Erasmus student at the Delft University of Technology, Netherlands

1998-2000  
Studied at the Ecole Nationale Supérieure d'Architecture et de Paysage de Bordeaux

1995  
Baccalaureate, France

## EXHIBITIONS, LECTURES, PUBLICATIONS

2019  
"Vienna Calling / Transnational Cooperation in Architecture", lecture at Architektur In Progress, Vienna, Austria

2018  
"SuperWien Metropole #1, A New Capitale for Europe", paper edition published by Folio, Vienna, 2018, 216 pages, English, in collaboration with Stefan Mayr

2018  
Paris Healthcare Week – lecture on the La Rochefoucauld Hospital Centre

2018  
SHARE à Sofia – lecture "The furtif castle, New Hospital for la Rochefoucauld"

2018  
"Le château furtif, Centre hospitalier de La Rochefoucauld", Philippe Trétiack, published by Archibooks, Paris, 2018, 112 pages, French and English, in collaboration with Emmanuelle Pichon

2017  
Périgueux – lecture "HLM au rythme des villes et des centres bourgs, Opération Campniac"

2016  
"Flexibility in Architecture", lecture, GIS in Bukarest

2006-2008  
"BKK\_2600, Une ville amphibie", Bangkok, Thaïlande, study in collaboration with Philippe Sanchez

winner of scholarships for young architects, EDF Foundation, exhibition at the Centre Electra, EDF Foundation Diversiterre, Paris, and at the Bangkok Design Festival '08, Thailand

2008  
"Archilab, TirolCITY", FRAC Centre, Orleans, France

2007-2008  
"Die Kunst Der Landwirtschaft, TirolCITY", exhibition at Ferdinandum, Kultur Tirol, Innsbruck, Austria

2005  
"eme3 - 3rd Architectural Market, TirolCITY, Sometimes my garden is a city", exhibition at ADN Barcelona, Spain

2005  
"LA05, TirolCITY Tour", exhibition at Kunsthalle Tirol Betriebsges.m.b.H., Hall-in-Tirol, Austria

2005  
"TirolCITY: New Urbanity in the Alps / Neue Urbanität in den Alpen", Tirol, Austria, paper edition published by Folio, Bolzano, 288 pages, English and German, in collaboration with YEAN\_VIE, YEAN\_RTM

Winner of the Margarethe Schütte-Lihotzky scholarship, Austria

Winner of the HGIS-subsidies scholarship from the Ministry of Education of The Netherlands

2003  
"Mekong\_LAB", Mekong, South East Asia, collaboration with Takuya Onishi

2002  
"BKK\_2545, Explorer la ville jungle", Bangkok, Thailand, collaboration with Goustan Bodin

Presentation at the French Embassy in Bangkok, Thailand

## PROJECTS

Berlin-Brandenburg 2070  
Revitalisation of four city centers

Bangkok\_2545, Explore the city jungle

SuperWien Metropole, A New Capital for Europe

TirolCity: New Urbanity in the Alps

Bangkok\_2600 : Amphibious City

Revitalisation of the city centre of Souillac

Restructuring and expansion of the SSR of Gourdon Hospital, energy improvement

Development of medical and SRH services at La Rochefoucauld hospital, THPE and HQE approach

Construction of the logipole of the new Noumea hospital centre, HQE approach

Construction of the Salviac Nursing Home, energy improvements

Construction of 40 collective housing units in Limoges, H&E

Construction of 60 collective housing units in Bordeaux, BBC and H&E

Construction of the Maison Cornilleau, low energy consumption

Construction of Jelowicki House, passive house

Construction of the University of Literature, Languages and Human Sciences of Noumea, bioclimatic and HQE approach

Construction of the Panazol Concert Hall, THPE

Construction of the Tourist Office of La Roque Gageac, bioclimatic

Construction of the Crayssac Pterosaur Beach Interpretation Centre, passive house

Restructuring and extension of the Intercommunal Library of Gourdon, energy improvement

Construction of the Saint Cybranet Dojo, THPE

Construction of the stands at the Cénac rugby stadium

Construction of the Business Incubator of Braud and Saint Louis, THPE

Restructuring of the financial services and brand IT department, La Poste

Construction of a silo car park with 350 spaces in Bordeaux



# Claudia Staubmann

Co-Managing Partner, CoCo architecture Dordogne  
Architect DETSV  
Expert for Housing Development Strategies

After studying architecture in Vienna (AT), Seville (ESP) and Bordeaux (FRA), Claudia Staubmann finally moved to France in 2002, captivated by the magic of the French art of living. After working at BLP (Brochet-Layus-Pueyo) and later at ART'UR in Bordeaux, she founded YEAN (Young European Architects Network) – a European network of urban researchers and planners in Rotterdam (NL), Vienna (AT) and Bordeaux (FRA), together with Cédric Ramière and Stefan Mayr, among others. So far the network has produced studies and exhibitions that have been widely distributed and published. YEAN is especially known for the project and subsequent book "TyrolCity", published by Folio in 2005 and exhibited in a number of European countries. The project won important prizes in both the Netherlands and Austria and has therefore achieved great international recognition.

When Claudia founded CoCo architecture together with Cédric Ramière in 2005, she moved to the French countryside Dordogne, next to the river and castles, to develop a new contemporary rural and high quality architecture. As they worked on a number of projects to develop tourist areas within France their first joint project was the development of the International Centre of Prehistory in the Vezere Valley in Dordogne.

Building on various previous stays abroad, further experience is largely based on research into regional tourism developments and contemporary urban issues. Claudia's research, carried out in Austria and Andalusia, Spain, primarily focused on adaptable modular systems with constraints specific to social housing. She applied these systems to her work as a tool to develop spaces of quality using limited means.

Today Claudia pursues the highest architectural and constructional standards, with a strong sensitivity for aesthetic issues, especially the treatment of details, the choice of materials and colours. Since her experience with the collective Eisvogel in Vienna (AT), she has maintained her team spirit and enjoys working in networks.

## PROJECTS

- Construction of 10 collective housing units in Périgueux
- Construction of 60 collective housing units and renovation of 4 buildings in Rodez
- Construction of a gastronomic establishment in Angoulême
- Restructuring and expansion of the sanitary cluster of Nontron
- Construction of 24 collective housing units in Trélissac
- Construction of 13 family homes in Boulazac
- Extension of the town hall of Carsac
- Library of the town hall of Carsac
- Renovation and upgrading of the Lienard house in Carsac
- Renovation of the Villefranche tourist office in Périgord
- Renovation of the Chestnut Museum in Villefranche in Périgord
- Renovation of the l'Imprimerie des Timbres-poste et des Valeurs Fiduciaires à Périgueux
- Construction of psychiatric intensive care units at Garderose Hospital, Libourne
- Restructuring and extension of the construction site of the Collège Léo Testut in Beaumont in Périgord
- Rehabilitation and extension of the Lycée Albert Claveille in Périgueux
- Renovation of the multi-purpose hall Aubas

## EDUCATION / TRAININGS

- 2005  
founding member of Sarl CoCo architecture, with Cédric Ramière
- 2003  
founding member of YEAN, European network of researchers in urbanism, in Rotterdam, The Netherlands, Vienna, Austria and Bordeaux, France
- 2003-2004  
worked at ART'UR, Paris-Bordeaux, France
- 2002  
worked for BLP (Brochet-Layus-Pueyo) in Bordeaux, France
- 2002  
Architectural Diploma, thesis entitled "The International Centre of the Prehistory, Dordogne, France" obtained at the Vienna University of Technology, Austria
- 2001  
studied at the School of Architecture and Landscape in Bordeaux, France
- 1999  
founding member of the student collective Eisvogel-Raum für Architektur, Vienna, Austria
- 1998-1999  
studied at the Superior Technical School of Seville, Spain
- 1994-2002  
studied at the Vienna University of Technology, Austria
- 1994  
Baccalaureate, Austria

## EXHIBITIONS, LECTURES, PUBLICATIONS

- 2019  
"Yellow lecture ohne Weste?" in the context of "LandLuft", lecture at Vienna University of Technology, Austria
- 2019  
Vienna Calling / Transnational Cooperation in Architecture, lecture at Architektur In Progress, Vienna, Austria
- 2016  
"Flexibility in Architecture", lecture, GIS in Bukarest
- 2008  
"Archilab, TirolCITY", FRAC Centre, Orleans, France
- 2007-2008  
"Die Kunst Der Landwirtschaft, TirolCITY", exhibition at Ferdinandum, Kultur Tirol, Innsbruck, Austria
- 2005  
"eme3 - 3rd Architectural Market, TirolCITY, Sometimes my garden is a city", exhibition at ADN Barcelona, Spain
- 2005  
"LA05, TirolCITY Tour", exhibition at Kunsthalle Tirol Betriebsges.m.b.H., Hall-in-Tirol, Austria
- 2005  
"Living in the Monument, Shopping Hall", exhibition at Kulturlabor Stromboli, Hall-in-Tirol, Austria
- 2005  
"TirolCITY: New Urbanity in the Alps / Neue Urbanität in den Alpen", Tirol, Austria, paper edition published by Folio, Bolzano, 288 pages, English and German, in collaboration with YEAN\_VIE, YEAN\_RTM
- Winner of the Margarethe Schütte-Lihotzky scholarship, Austria
- Winner of the HGIS-subsidies scholarship from the Ministry of Education of The Netherlands



# Mara Haas

Employee at Superwien Urbanism Vienna  
Urban and Regional Planner  
Expert for Metropolitan Strategies and Placemaking

Mara Haas is an urban planner from Vienna, Austria working in the fields of strategic action planning, urban design and placemaking and place-led development, from metropolitan to neighborhood scale. She studied Urban and Regional Planning (Raumplanung und Raumordnung) at the Vienna University of Technology, Austria and the University of Groningen, The Netherlands.

During her work at Superwien Urbanism, Mara has developed and tested several dialogue-oriented planning tools with focus on the concept of placemaking and place-led development in different local contexts, such as Kanina, Albania and Belgrade, Serbia. Within the current international JPI Urban Europe project PlaceCity - Placemaking for Sustainable, Thriving Cities, Mara is researching about the understanding and impact of placemaking in Vienna, and is developing a co-creation and placemaking concept for the local case study in Floridsdorf, 1210 Vienna. One of her main interests is the influence of self-organization of citizens on the transformation of neighborhoods and what it needs to empower "local heroes" and to go from temporality to permanence.

She also was involved in activation processes of ground floor areas in urban development projects and the elaboration of the Thematic Concept "Polycentric Vienna" (Department of Urban Development and Planning, City of Vienna) with focus on center development in city extension areas.

At metropolitan scale, Mara was involved in the Urban Design Lab Santo Domingo Este and developed a centrality concept, based on the principle of 5-Minutes City, for a 2,400 hectar development site, integrating existing informal settlements in the newly built Ciudad Juan Bosch.

Born in 1993 in Vienna, Austria,  
Austrian citizenship.

Fluent in German and English, with a little bit of  
Russian and Dutch.

Contact  
mara@metrolab.design



# Flora Fessler

Employee at CoCo architecture Vienna  
Urban Designer  
Expert for Metropolitan Strategies and Participatory Planning

After Flora Fessler completed her master's degree in Urban Design at the University of the Built Environment and Metropolitan Development (HafenCity University) in Hamburg, she returned to her home country Austria, where she now works for CoCo architecture Vienna with a focus on participatory urban planning and integrated spatial development strategies for cities and metropolitan areas.

Originally trained as a Cultural and Social Anthropologist (University of Vienna) and Spatial Planner (Vienna University of Technology), she increasingly focuses on the human scale and environmental psychological aspects in architecture and planning. In her research and planning practice, she is therefore particularly interested in how cities can be conquered by grassroots movements, how the right to the city and open space can be experienced through simple appropriation practices, and how mono-functionalities can be challenged performatively.

During various stays abroad, such as in Paris and Hamburg, she expanded her expertise in dealing with dialogue-oriented planning methods, most recently during her work at the CityScience Lab, a cooperation with the MIT Media Lab. By communicating urban and social transformation processes to a broad public with the help of digital city models, as for example in the project "Finding Places", she found herself in a mediating role. In addition, Flora also likes to get involved in collaborative planning processes herself, for example, as a Young Expert in the preparation of the Austrian Spatial Development Concept (ÖREK) 2030.

Born in 1992 in Bregenz, Austria,  
Austrian citizenship.

Fluent in German and English, with medium skills in  
French

Contact  
flora@metrolab.design

## EDUCATION / TRAININGS

2020  
Certificate Training: "Cooperative Urban and Regional Development", at Postgraduate Center, University of Vienna, Austria

2018-ongoing  
Project manager at Superwien Urbanism ZT OG

2018  
Summer School Training: "Mapping Visaginas: Re-tooling knowledge Infrastructures in a Post-Nuclear Town", Laboratory of Critical Urbanism, European Humanities University, Lithuania

2018  
Diploma in Urban and Regional Planning (MSc.), thesis entitled "Self-organization in Vienna's housing sector" at Vienna Technical University, Austria

2017  
Employee at Vienna Technical University, IFOER, "Smart City Ebreichsdorf - Bahnhofsquartier der Zukunft"

2016  
Employee at Schober Architects and Urban Planners, Munich

2015-2016  
Employee at Oikodrom - Research Center for Urban Sustainability, Vienna

2015  
Employee at Projekt Lanndinger OG, Vienna

2014  
Training at "Gebietsbetreuung Wien" (GB 2\*20), Vienna

2015  
Online-Training: "Future Cities", XSeries Program. ETH Zurich

2015  
Erasmus semester at Faculty of Spatial Sciences, University of Groningen, The Netherlands

2012-2018  
studied Urban and Regional Plannin at the Vienna Technical University, Austria

2011-2013  
studied Art History at the University of Vienna, Austria

2011  
Baccalaureate, Austria

## EXHIBITIONS, PUBLICATIONS

2019  
"Exploring Placemaking in Context", JPI Urban Europe, in cooperation with Anna Bradley and PlaceCity partners

2018  
"Placemaking Methodology for Serbian Urban Planners", World Bank-Austria Urban Partnership Program: World Bank Group, Belgrade, Serbia

2018  
"How can Urban Manufacturing contribute to a more sustainable energy system in cities?", IJSEPM, EERA, in cooperation with Austrian Institute of Technology and Fraunhofer Austrian Research GmbH, Tötzer, T.; Stollnberger, R.; Biegler, C.; Krebs, R.

## PROJECTS

PlaceCity - Placemaking for Sustainable, Thriving Cities, funded by JPI Urban Europe and BMVIT

SuperWien Metropole #1, A New Capital for Europe"

Placemaking in Serbia - Word Bank Group, Urban Partnership Project

Atelier Kanina, within the 100 Villages Albania program, BACID, the World Bank Group, in cooperation with the National Territorial Planning Agency Albania

Urban Design Lab Santo Domingo Este - IDB, in cooperation with Vienna University of Technology

Hrachowina Gründe - Utilization Concept for the Ground Floor Zone

## EDUCATION / TRAININGS

2020-ongoing  
Employee at CoCo architecture Vienna, Austria

2017-2019  
Scientific project staff at the CityScienceLab at HafenCity University Hamburg, a cooperation with the MIT Media Lab, Germany

2019  
Diploma in Urban Design (M.Sc.), master thesis entitled "Performing the Playful City. An ethnographic exploration of moving and playful space appropriation through Parkour" at HafenCity University of the built environment and metropolitan development, Hamburg, Germany

2018  
Summer School Training: MA Elective Global Urban Studies - „New Urban Life Across the Globe: Activism and Change in a World of Cities“, Department of Cross-Cultural and Regional Studies, University of Copenhagen, Denmark

2016-2017  
Employee at Architect Mag. Arch. Alexander Diem, Vienna

2016  
Trainee at the Office for Future-Related Issues, provincial government of Vorarlberg, Bregenz, Austria

2016  
Training: Art of Hosting „Professional Programme on Facilitation and Participatory Leadership“, European Forum Alpbach, Tyrol, Austria

2015  
Training: „Artistic Practices: Commoning Urban Spaces“, European Forum Alpbach, Tyrol, Austria

2014  
Trainee at Dipl. Ing. Helmut Kuëss Architecture - Urbanism, Bregenz, Austria

2014  
Trainee at the Departement of Culture, provincial government of Vorarlberg, Bregenz, Austria

2013  
Online-Training: "Designing Cities", University of Pennsylvania, USA

2013-2014  
Erasmus semester at Faculty of Humanities and Social Sciences Sorbonne, Paris Descartes University, France

2012-2017  
Studied Urban and Regional Planning at the Vienna University of Technology (B.Sc.), Austria

2011-2015  
Studied Social and Cultural Anthropology at the University of Vienna (BA), Austria

2010  
Baccalaureate, Austria

## EXHIBITIONS, LECTURES, PUBLICATIONS

2020  
"Performing the Playful City", guest lecture within the lecture "Urban Transformations: Interdisciplinary Perspectives on Cities and Urban Processes" (Prof. Dr. Monika Grubbauer), HafenCity University Hamburg, Germany

2020  
"Performing the Playful City", exhibition of the thesis book project as part of the 2019 work show at the Bille Power Station, HafenCity University Hamburg, Germany

## PROJECTS

2017-2019 (postprocessing based on implementation 2016)  
„Finding Places - Urban model for the identification of refugee accommodation in Hamburg“, a cooperation project of the HafenCity University and the city of Hamburg

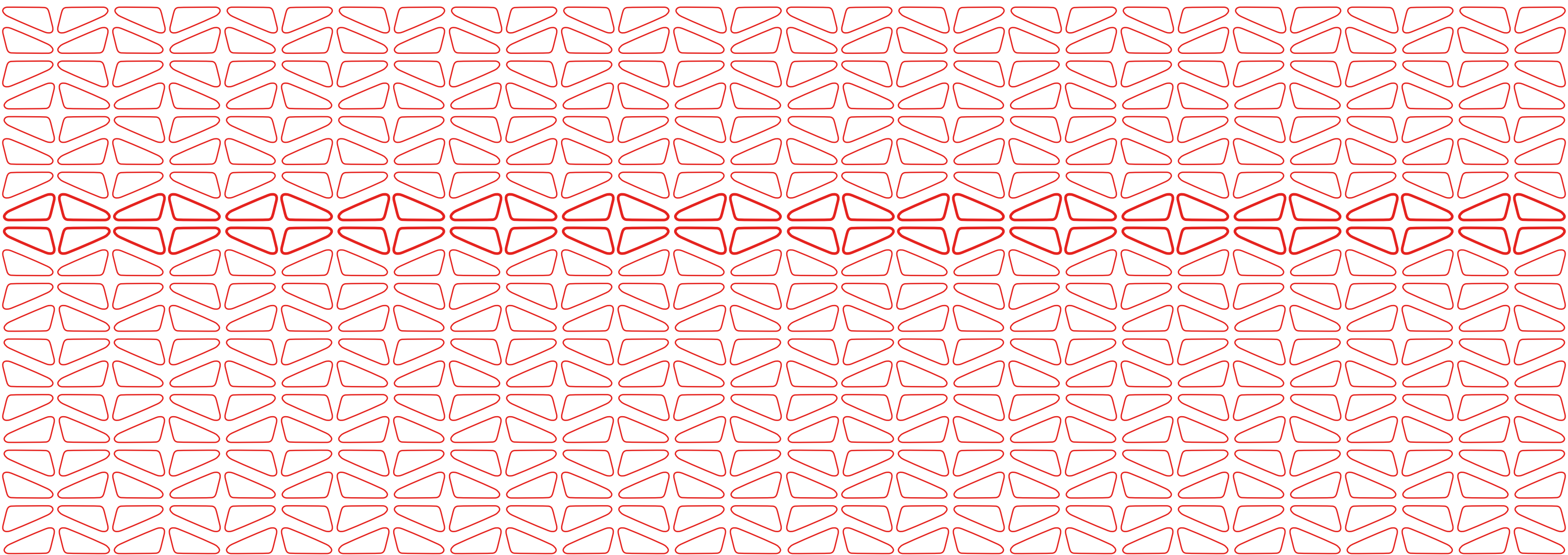
2016-2017 (project support)  
„AVENUE21 „Automated and networked transport: developments in urban Europe“, research project by the future.lab, faculty for architecture and planning, Vienna University of Technology, published 2020

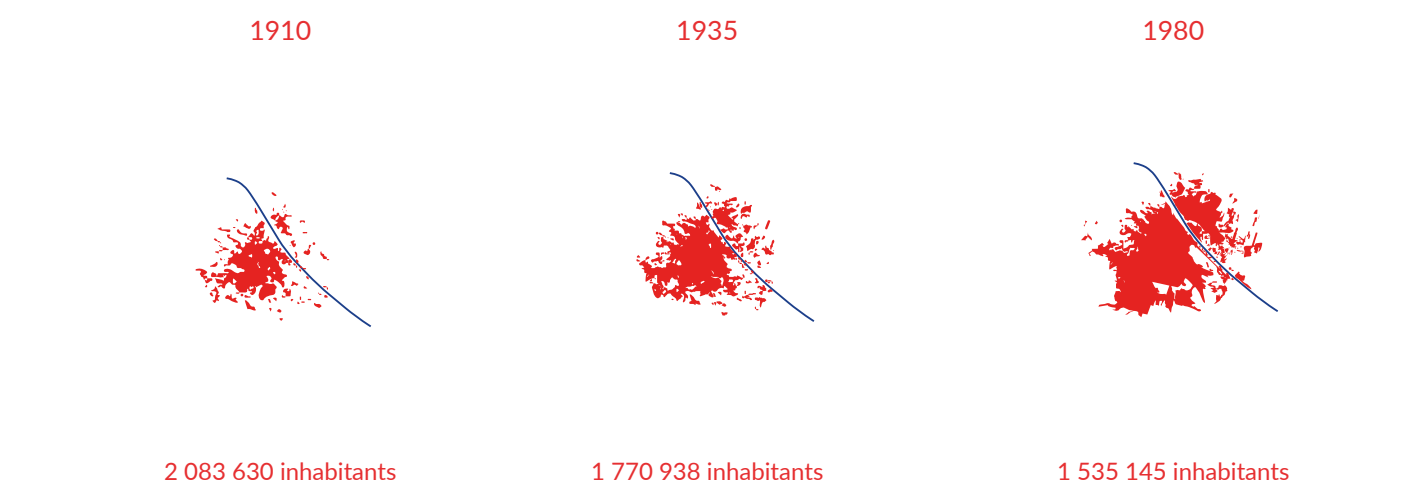
2014  
"General principle of settlement development in Dornbirn", Dipl. Ing. Helmut Kuëss, Austria

2014  
"Human traces - a walk through migration history", archive of Diversity of Vorarlberg, Austria



*References*

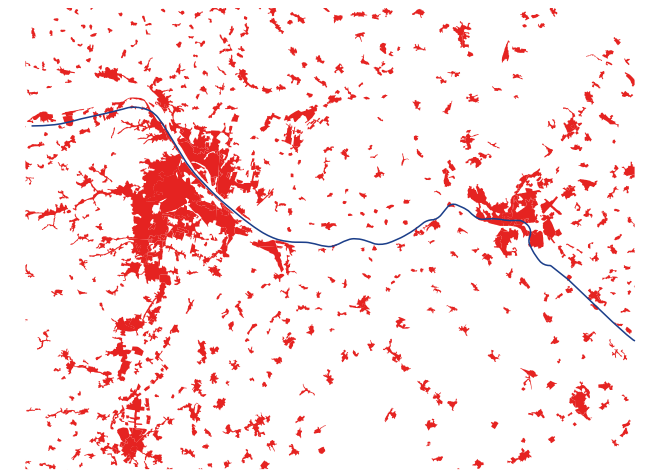




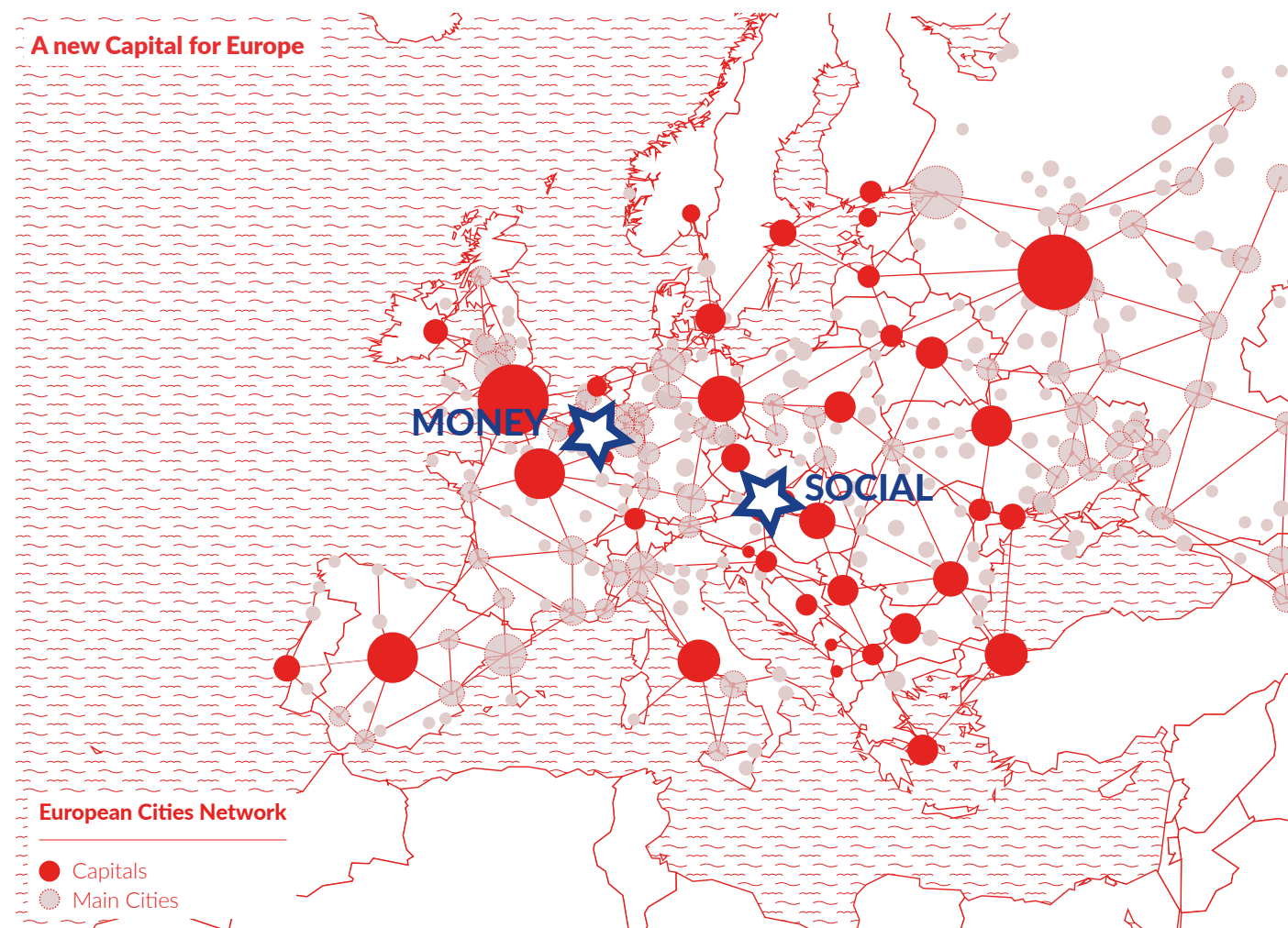
Today

### SuperWien

4 299 461 inhabitants – 2 182km<sup>2</sup>  
1 970 inhabitants/km<sup>2</sup>



## SuperWien Metropole A New Capital for Europe



In 2008, the world economic crisis hit, creating a serious social crisis within the European Union. At that time, Brussels was considered a complex technocratic organisation, basing politics on abstract economic indicators and multinational companies. The European population began doubting the ambitious economic targets that appeared far removed from their everyday needs. Criticism of the union's policies led to a more nationalistic outlook throughout the continent. Moreover, Brussels was dealing with internal friction between Belgium's Walloons and Flanders communities. The Belgian capital had given itself a bad public image; it appeared to be the wrong setting to recreate a sustainable and more liveable EU. The beginning of the 21st century could probably be considered the end of the Brussels age.

Despite the growing internal social crisis, Europe appeared to be a paradise to many North African and Middle Eastern communities. A massive wave of immigration led to tensions within the European population.

Today, to help save the European Union, three key initiatives need to be instigated:

- Development of social politics. Europe should remain the best place to live in the world.
- Continual expansion into the east. Opening Europe to the Balkans and redefining a new centrality in the EU.
- Creation of a clear policy for immigration.

In order to achieve this ambitious goal, the EU needs to base itself in the right environment. The best ideas are most often born in fertile soil, therefore, this base needs to inspire politicians as well as the masses. Located in the centre of Europe, Vienna offers a strong regional history, developed social integration strategies and considerable business experience in dealing with the old 'communist bloc' of Eastern Europe. Its geographical, social and economic connections place Vienna as one of the most important players in the future of the European Union. Furthermore, the city ranks number 1 as the world's most liveable city, reflecting qualities inherited from Vienna's 'social metropolis.'

Vienna is ready to take on a new role and reactivate the European community. To become SuperWien Europe's new capital.

Year	2019
Status	completed
Location	Vienna metropolitan area, Austria, Slovakia
Publisher	Folio Verlag

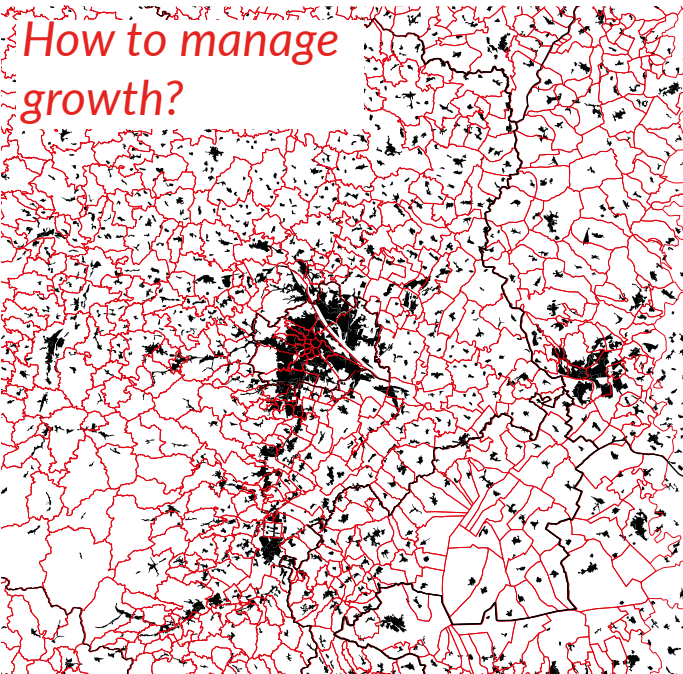




Can we shift daily commuting to public transport?



Where is the border?  
Is there a centre?

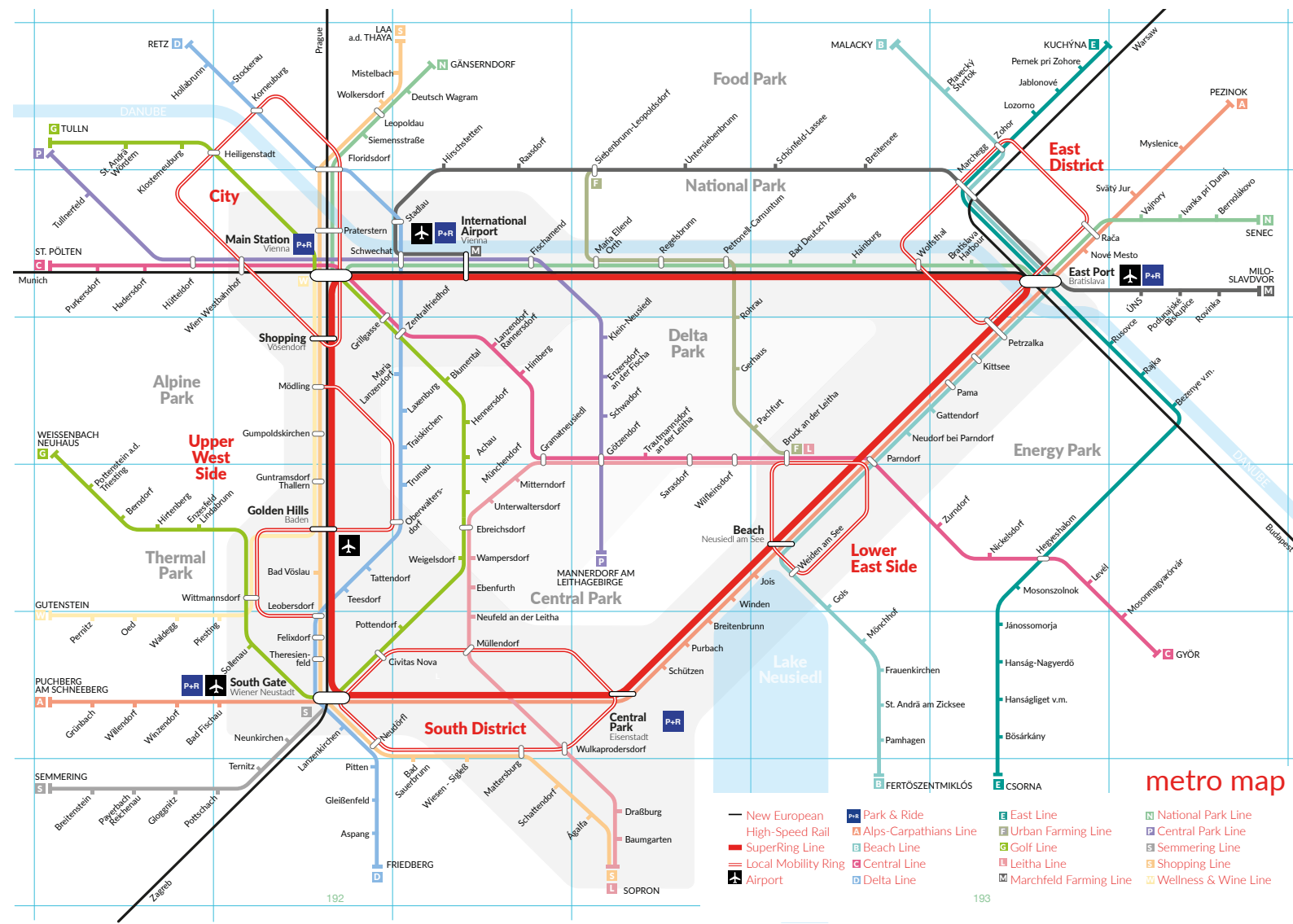


How to manage growth?



How can nature be part of our daily life?

Is this the metro system?



## NEW URBAN LANDSCAPE

SuperWien Metropole is meant to be a tool in the European context to create a strong metropolitan area, while dealing with Europe's extension, the region's global statute, managing its growth and defining its image and social concept. The provocative term 'SuperWien Metropole' should initiate discussion and help establish an entity instead of the current competition between municipalities.

SuperWien Metropole is part of three national states of the European Union (Austria, Slovakia and Hungary) with altogether 54 districts and more than 400 municipalities. It is a region of many different languages with around 4.2 million inhabitants and an actual growth of 50 000 people per year.

## SUPERRING AS A METROPOLITAN VISION

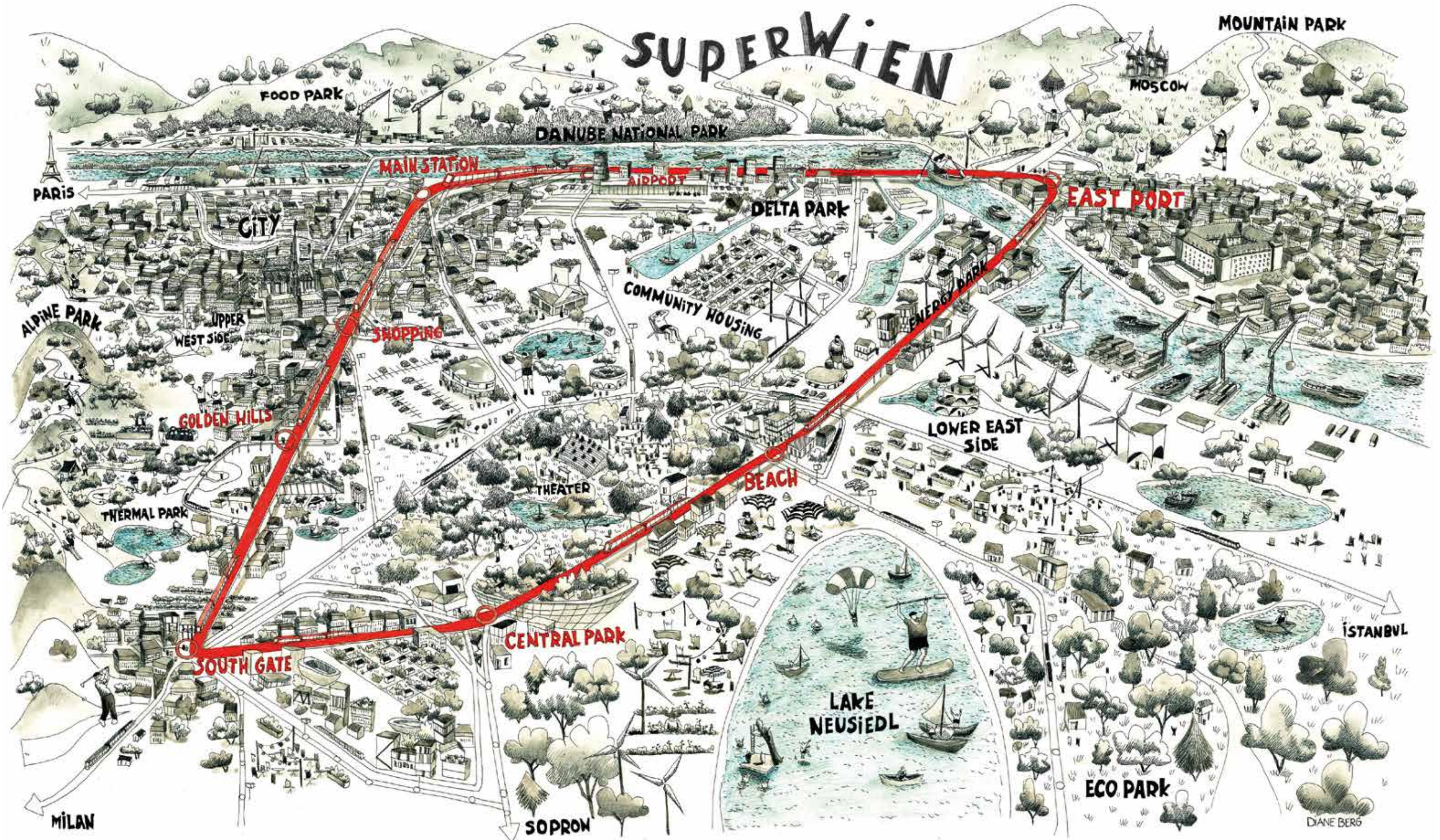
The SuperRing is one of the main tools for the six million future inhabitants of the SuperWien metropolitan region. It will incorporate the current growth of more than 50 000 inhabitants per year, provide a means of moving between work and leisure, share and manage policies between communities and connect existing centres with new centres and programmes in the metropolitan area.

The SuperRing represents the first trans-border city transport system linking the East and the West, agriculture zones and cities, leisure areas and business districts, main ports and working centres. It offers the inhabitants of SuperWien Metropole a new life style and the chance to create a more flexible daily life, with independent commuter distances. The SuperRing gives the whole area a new identity and a common vision for the future.



SuperWien Metropole faces a bright future. It will guide its municipalities along a common path into the future. The inhabitants will be able to enjoy its highly-valued natural environment while opportunities for innovation in industry, research and education continue to grow. The principal aim

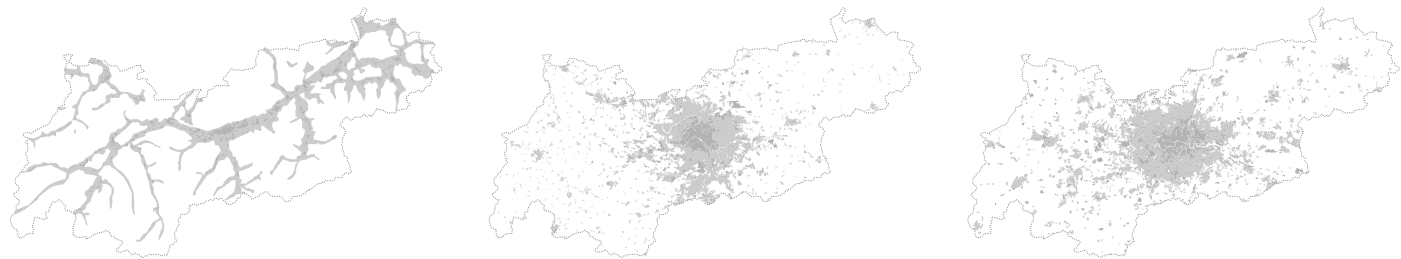
of the SuperWien Metropole is to develop a well-balanced region – a functionally mixed and sustainable urban network structured to allow for various lively centres interconnected by the SuperRing.





# TirolCITY

New urbanity in the Alps  
Neue Urbanität in den Alpen



## TIROLCITY

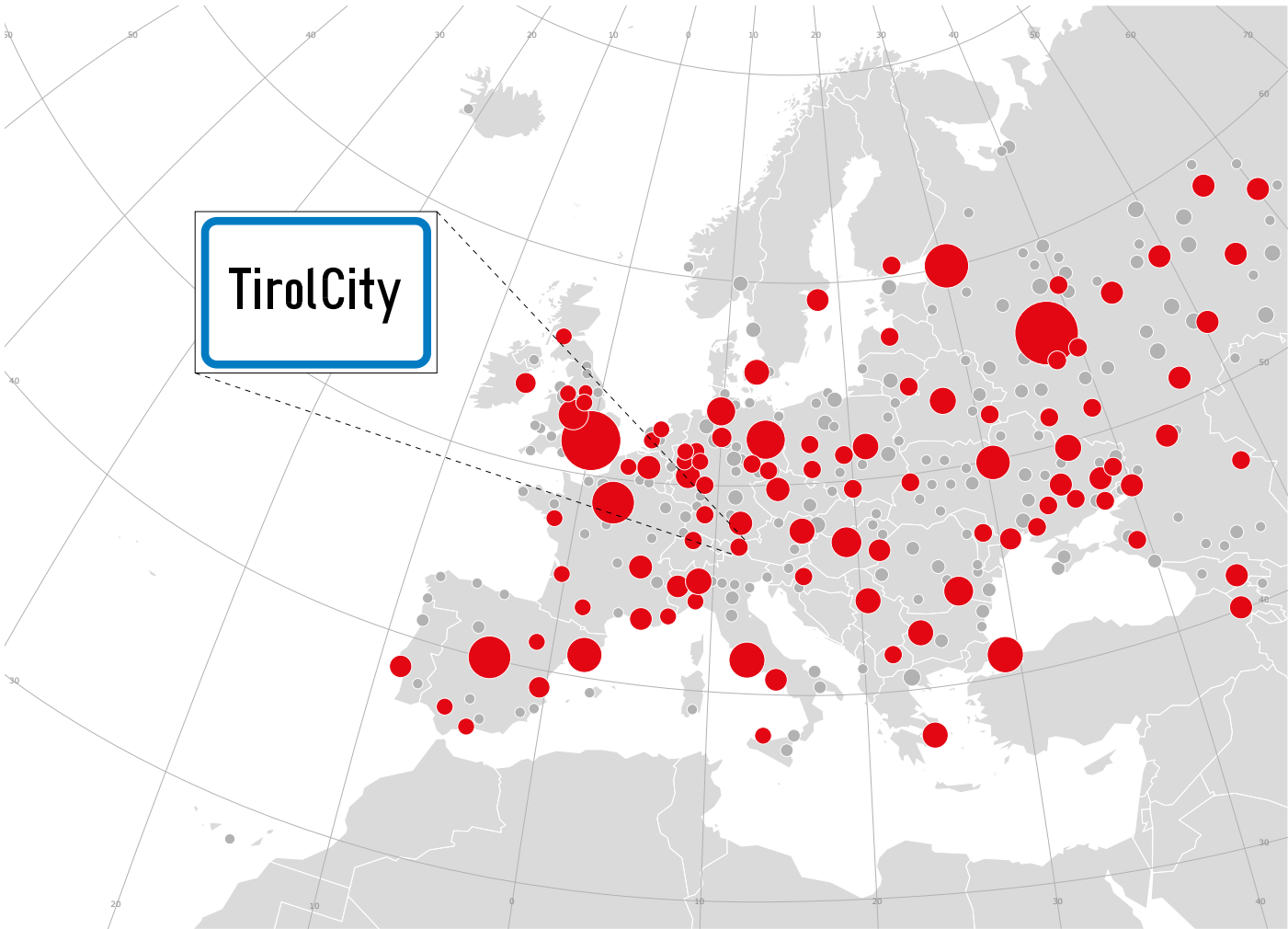
Inhabitants 636 442 (2003)  
Settlement area 1 377 km<sup>2</sup>  
Density 462 inhab./km<sup>2</sup>

## LONDON (REGION)

Inhabitants 13 230 000 (2002)  
Area 12 840 km<sup>2</sup>  
Density 1 030 inhab./km<sup>2</sup>

## PARIS (REGION)

Inhabitants 11 750 000 (2002)  
Area 19 680 km<sup>2</sup>  
Density 597 inhab./km<sup>2</sup>



# TirolCITY

## New Urbanity in the Alps

In the book we describe the central parameters leading to the existence of TirolCITY. The term 'city' may be seen by some as provocative, but it is meant as a tool which should help to establish an entity instead of the current competition between municipalities. Furthermore, we want to initiate discussion instead of negation about the urban side of the Tyrol. If municipalities clearly collaborate, the region will have a greater potential to position itself in the European context.

TirolCITY is the label for the Tyrol's new urbanity. The amorphous structure of the settlement area spreading along the 150 kilometres long 'Inntal' and its adjoining valleys is home to 636 000 people (7.8% of the total Austrian population) and welcomes 8.3 million visitors every year.

The international arterial roads cutting through the Tyrol, intensive global tourism and individual mobility are decisive factors influencing a new trend in settlement patterns. The merging of the seven urban regions into one big agglomeration, which already can be seen clearly on satellite pictures, is one result of this new development.

While other cities evolve ring-like around an already existing centre, TirolCITY is growing together steadily, beginning to form one long linear ribbon. Separate communities are becoming urban quarters of a city. Their historic centres, which have long stagnated as pedestrian precincts, today seem more rural than they ever really were. In contrast, a mixture of trading, leisure, industrial, and residential zones takes up the space in between. A new urban landscape is becoming embedded in the Tyrol's mountain scenery.

Year  
2005

Status  
completed

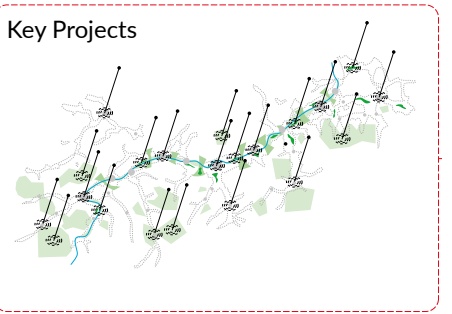
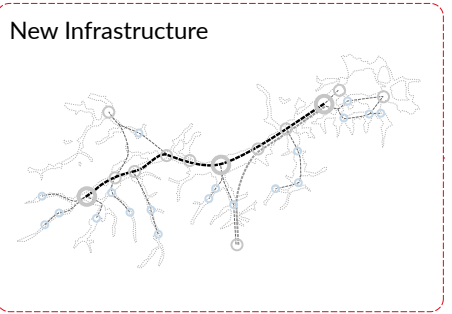
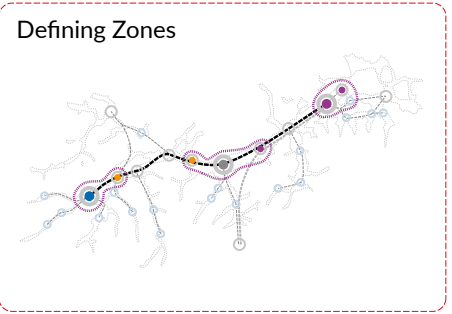
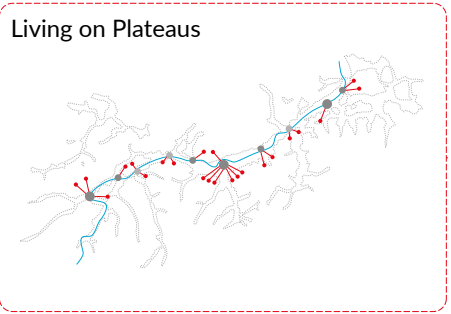
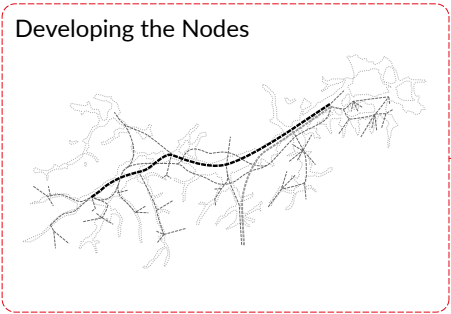
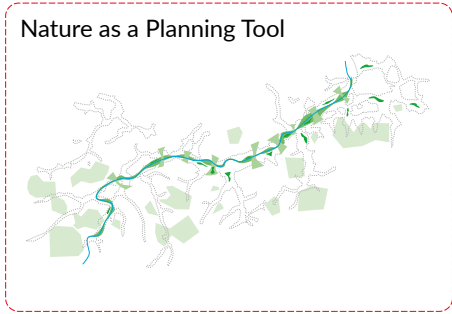
Location  
Northern Tyrol, Austria

Collaboration  
YEAN - Young European Architects Network

Funding  
State Secretary for Arts and Media of the Federal Chancellery of Austria, the Netherlands Architecture Fund with HGIS-subsidies of the Dutch Ministry of Education, Culture and Science, and the Ministry of Foreign Affairs and the Art Department of the Provincial Government of Tyrol.

Price  
Margarte Schütze-Lihotzky Price

Publisher  
Folio Verlag



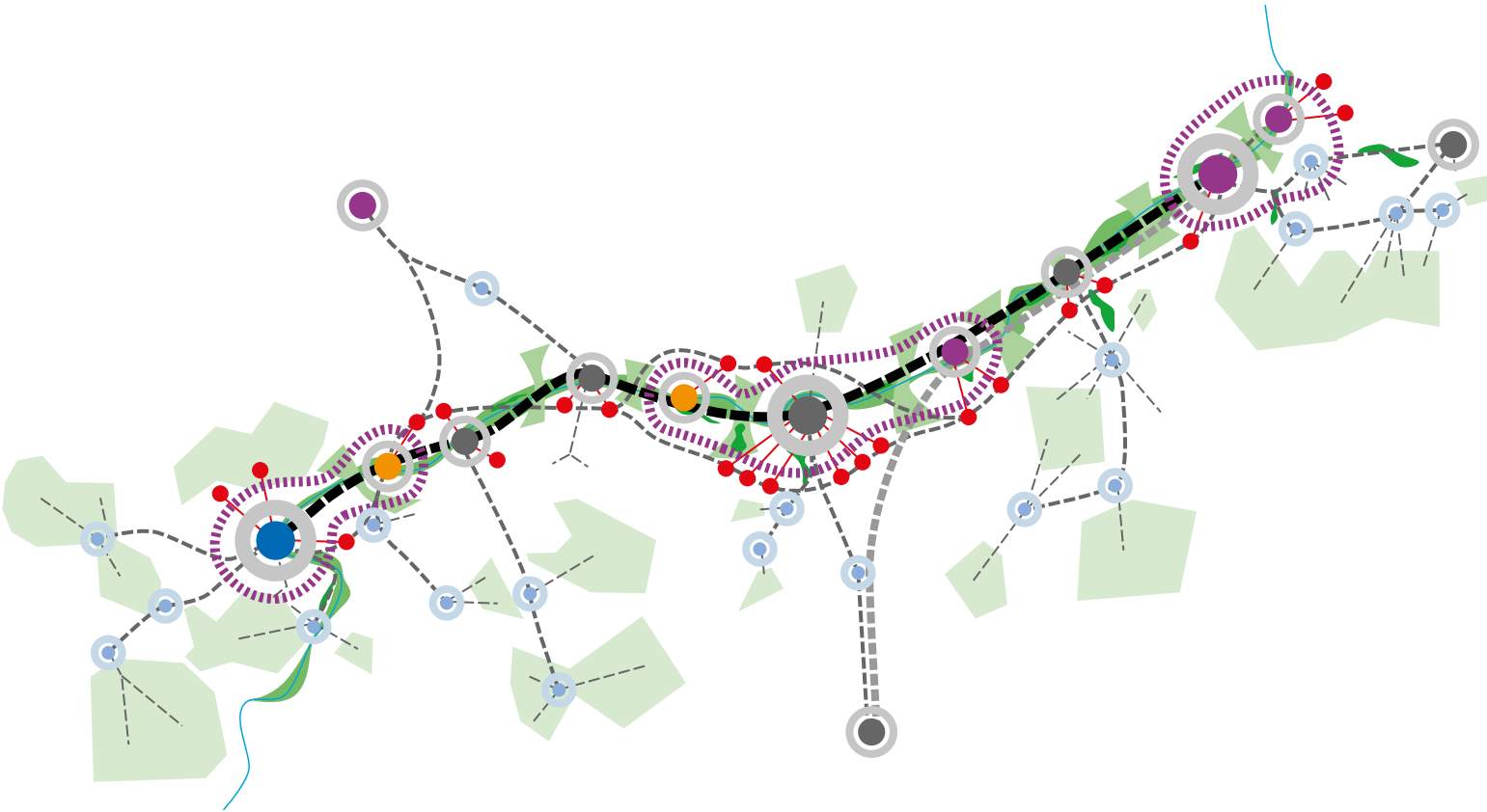
#### 4 TOPICS

The four topics TirolPARK, TirolMETRO and TirolCOM provide more detailed information about TirolCITY by describing and analyzing the natural and leisure landscapes, the various

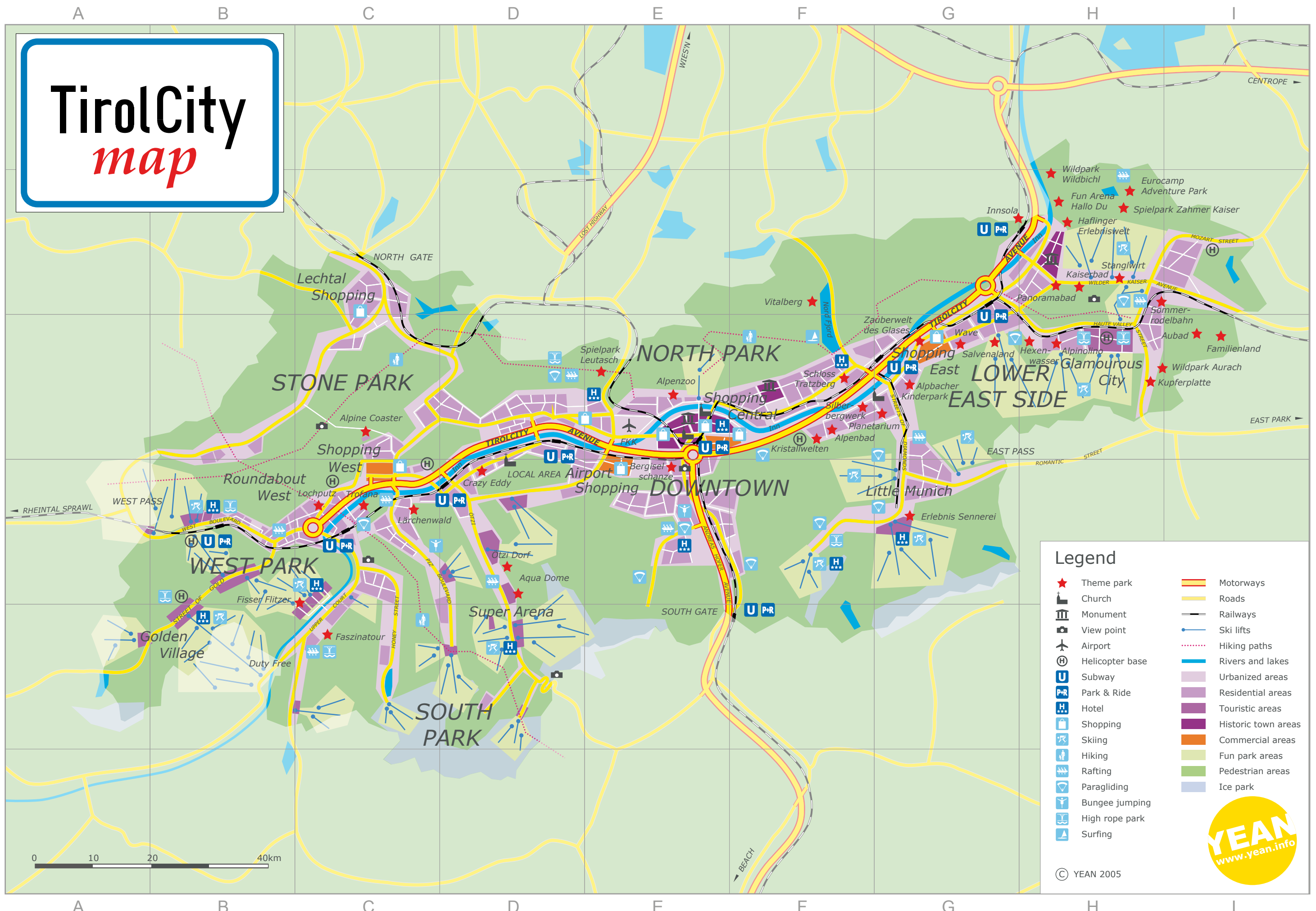
infrastructural systems, the economic developments and the emerging commercial zones. The topic TirolCORE discusses different urban growth phenomena, with case studies in Imst, Innsbruck-Hall, Ischgl, Aldrans and Mils.

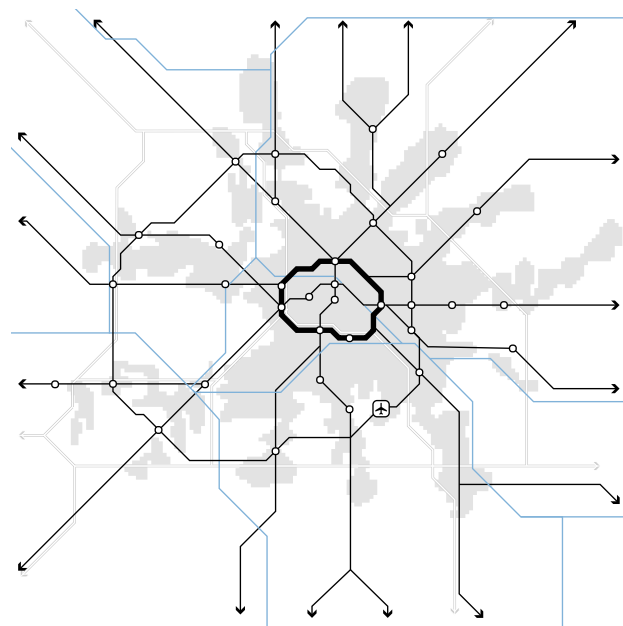
#### THE FUTURE OF TIROLCITY

These 6 strategies create the basic structure for a new development plan for TirolCITY. The strategies should be seen as a toolbox which can be used and worked out in greater detail by the TirolCITY Planning Group. Using these planning tools will help to strengthen the urban bodies, to solve infrastructural problems and to make nature even more natural. They will initiate and support regional developments concerning identity, diversity, efficiency and sustainability. Thereby the regional identity will be re-inforced and TirolCITY will be able to define a strong position in a competitive European setting.

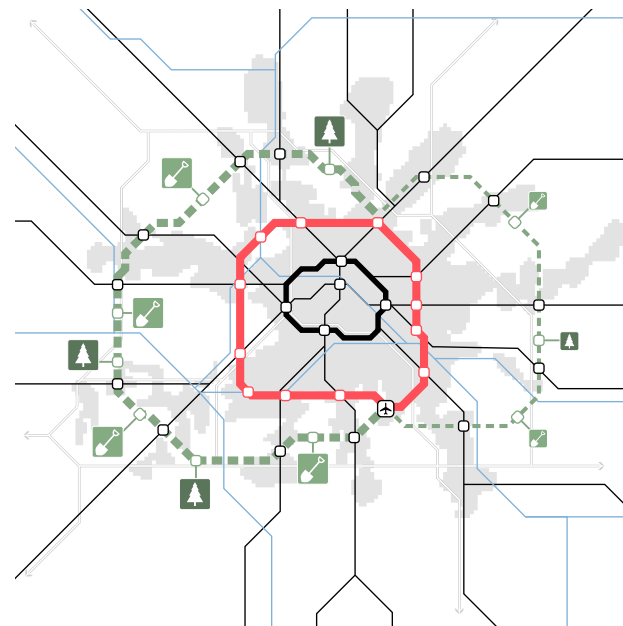




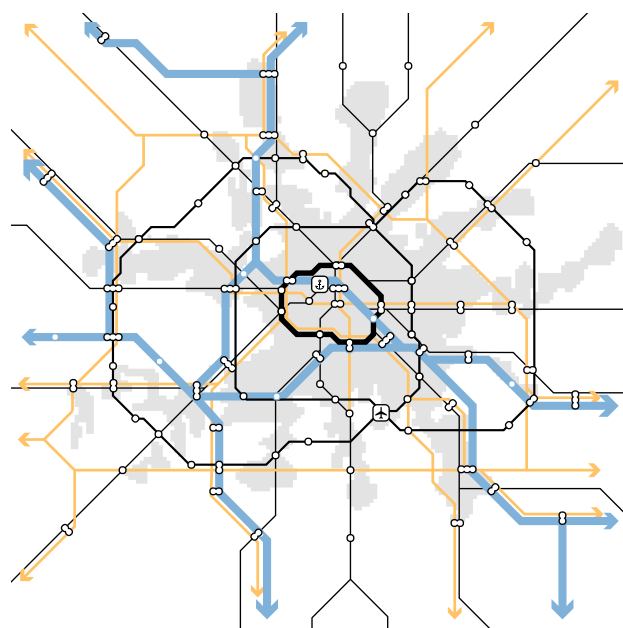




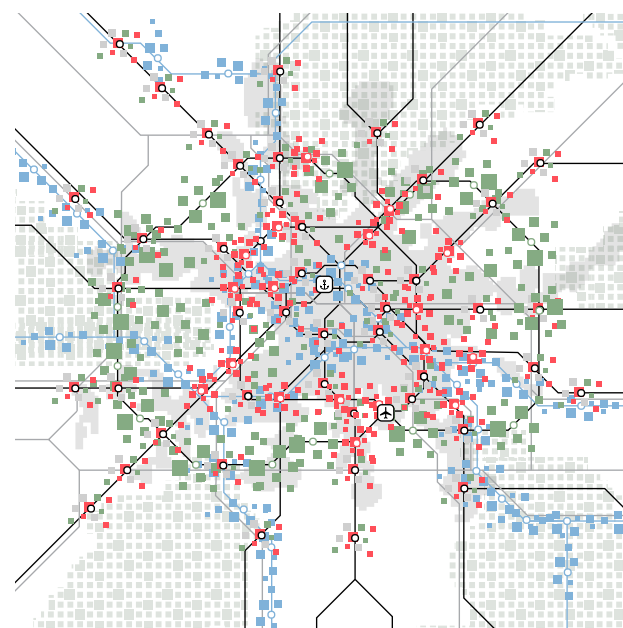
1. BERLIN RING LINE & SETTLEMENT STAR



2. METROPOLITAN RING & GREEN RING



3. WATER METRO & BICYCLE HIGHWAY



4. POTENTIAL LAND FOR PRODUCTION

## Productive Urban Landscapes Berlin-Brandenburg 2070

On the occasion of the 100th anniversary of "Great Berlin", the international urban design ideas competition "Berlin-Brandenburg 2070" was organized in the end of 2019. The key objective was not to create a completely different, new metropolitan region next to or on top of the existing one, but rather to further develop the existing metropolitan region based on its special features, strengths and characteristics. With an excellent transport network, many centres of varying rank, an above-average housing stock and a comparatively uninhabited surrounding area, the metropolitan region has ideal conditions for the future, but these must be recognised, maintained and developed further. The contribution builds on the existing structure of the "settlement star" and the ring line of the city and expands it to the metropolitan area. The region is perceived as a continuous urban landscape with productive centers that are well connected through the metropolitan and green ring and the water metro.

### MASTERS OF TRANSFORMATION AND ENGAGEMENT

In the past, Berlin has shown several times what it means to adapt to new circumstances and to renew and develop the city. The residents show a high level of commitment to implementing creative solutions. The metropolis is always in a mood for change and benefits from this commitment.

Derelict land, undefined spaces in between, industrial areas that have become obsolete and generous open spaces become experimental areas of renewal. Instead of gaining new land, existing land is redefined.

### MAXIMUM REGIONALISATION ENABLES CLIMATE NEUTRALITY

The areas of the new land show high potential for further development towards a climate-friendly metropolis. Their productive use in the sense of densification, social programming and micro run economy creates new values for the metropolis.

Year  
2019

Status  
International Ideas Competition

Location  
Berlin, Berlin-Brandenburg, Germany

Client  
Berlin 2020 GmbH

Collaboration  
BASE - Paysage et Urbanisme



# PRODUKTIVE STADTLANDSCHAFTEN

## CLIMATE NEUTRAL MOBILITY

- Flughafen
- Hafen
- City Jet
- Fahrradoffensive
- Wasserbus
- Lufttaxi
- Metro Cable
- Park & Ride
- Lieferhub
- Mobilitätsknoten
- Metropolenring
- Grüner Ring
- City Ring
- Bahn
- Wassermetro
- Fahrrad Highway

## PRODUCTIVE NEW LAND

### Pioneers of Change

- Urbane Landwirtschaft
- Öko Fashion
- Craft Bier Farm
- Bio Food
- Hydrokultur
- Vertikale Gärten
- Future Farm
- Aquaform
- UpcycLab
- Kooperative Landwirtschaft
- Eiweißquelle
- Technofarm
- Ressourcen Center
- Growing Underground

### New Work

- Last Minute Logistik
- Start Up
- R-Urbaner Handel
- Sale & Logistics
- Urbane Landwirt
- Werkstoffmeister
- Transformation Officer

## URBAN LANDSCAPE

- Nationalpark
- Geschützter Grünraum
- Stadtpark
- Schwemmlandschaft
- Klimapark
- Highway Wald
- Stadtwildnis
- Biodiversitätspark
- Hochwasserschutz Park
- Ästhetikpark
- Schutzwasserpark
- Vertikaler Stadtwald
- Biomasse Park

## ACTIVE NEIGHBORHOODS

- Smart Home
- Stadthäuser
- Stadterneuerung
- Nachverdichtung
- Baugruppe
- Nutzungsmix
- Multilokalität
- Solidarwohnen
- Notschlafen
- Mobiles Wohnen

### Unlimited Energy

- Wasserenergie
- Windenergie
- Solarenergie
- Geothermie
- Bioenergie
- Smart Grid
- Abwärmenutzung
- Ladestation

### FunLab

- Naturerlebnis
- Stadtwandern
- Airhub
- Denkraum
- Freizeitpark
- Tech Detox
- Aquapark
- Wildtierpark
- Virtual Reality Field
- Sport
- Bobo Bazar
- Party like Berlin
- Tankstellen Zirkus

## DELTA

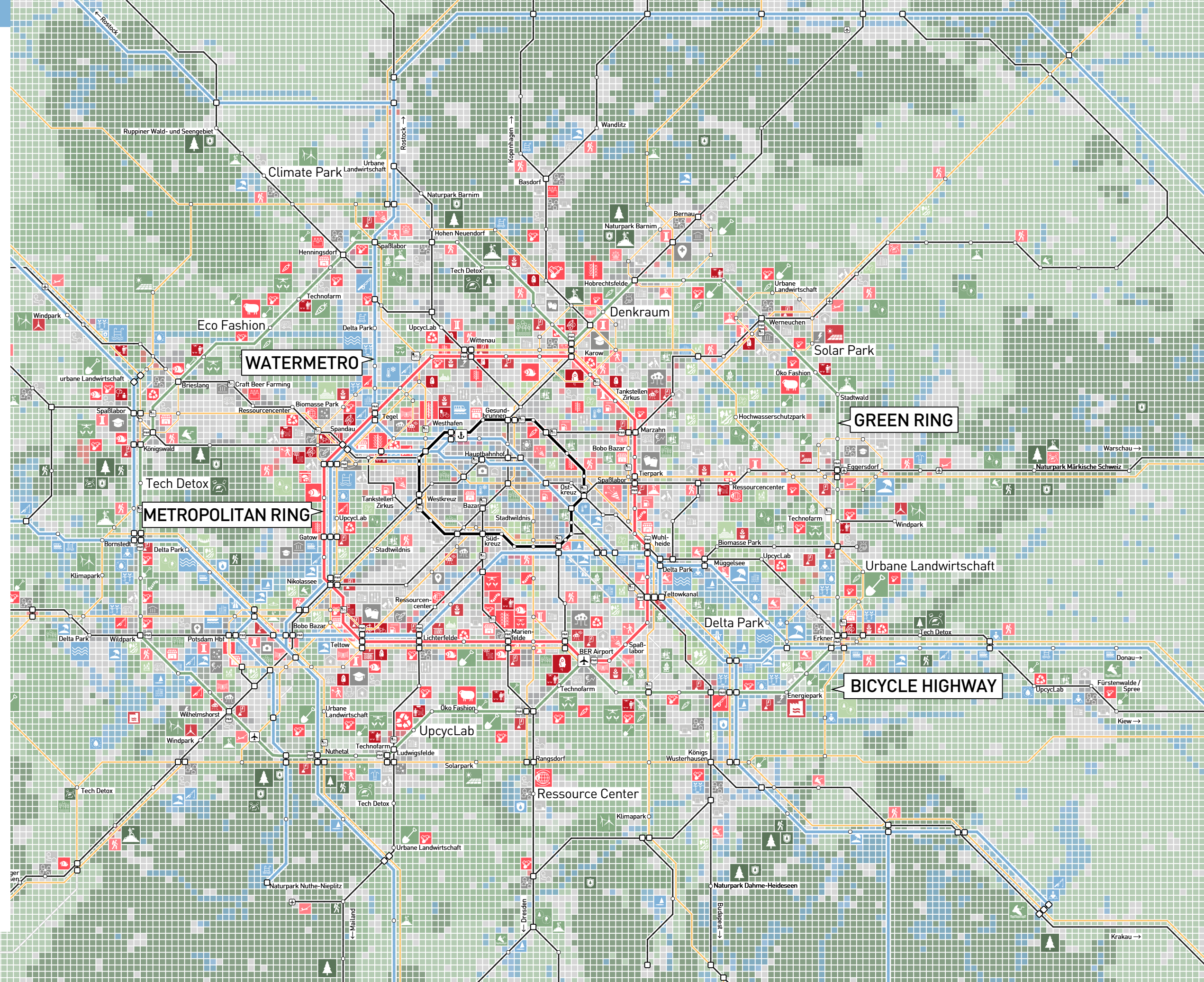
- Stadtstrand
- Cool Spot
- Delta Park
- Flussbad
- Wasserschutz
- Wasserrecycling
- Wassertaxi
- Highway Fluss
- Thermalwasser
- Waterfront Park

## VIBRANT CENTERS

- Metropolzentrum
- Hauptzentrum
- Quartierszentrum
- Finanzzentrum
- Kulturzentrum
- Denkzentrum
- Historisches Zentrum
- Datenzentrum
- Medical Hub
- Energiezentrum
- Local Care Zentrum
- Bazar



19  
2020  
bis 70  
Berlin  
BERLIN BRANDENBURG 2070



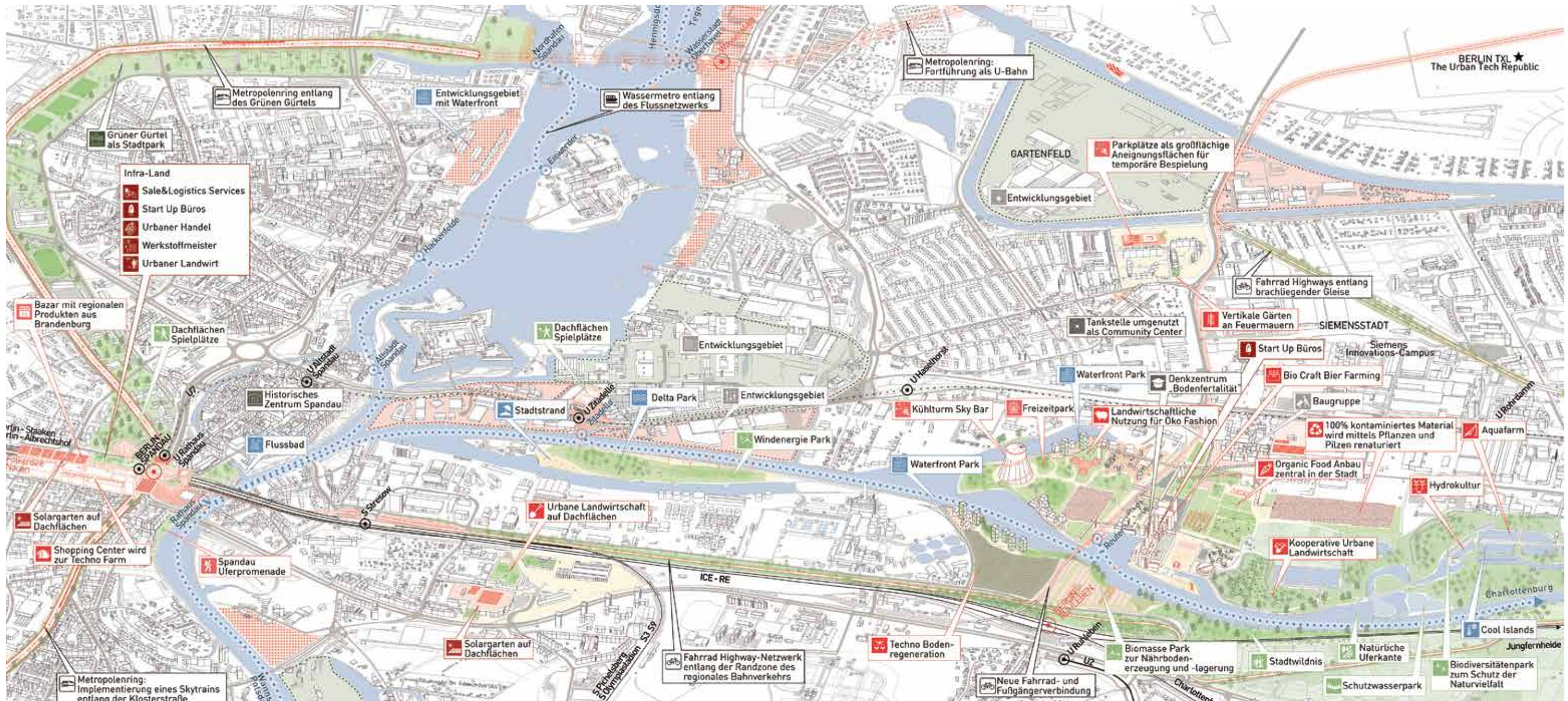


## Case Study: Berlin Spandau

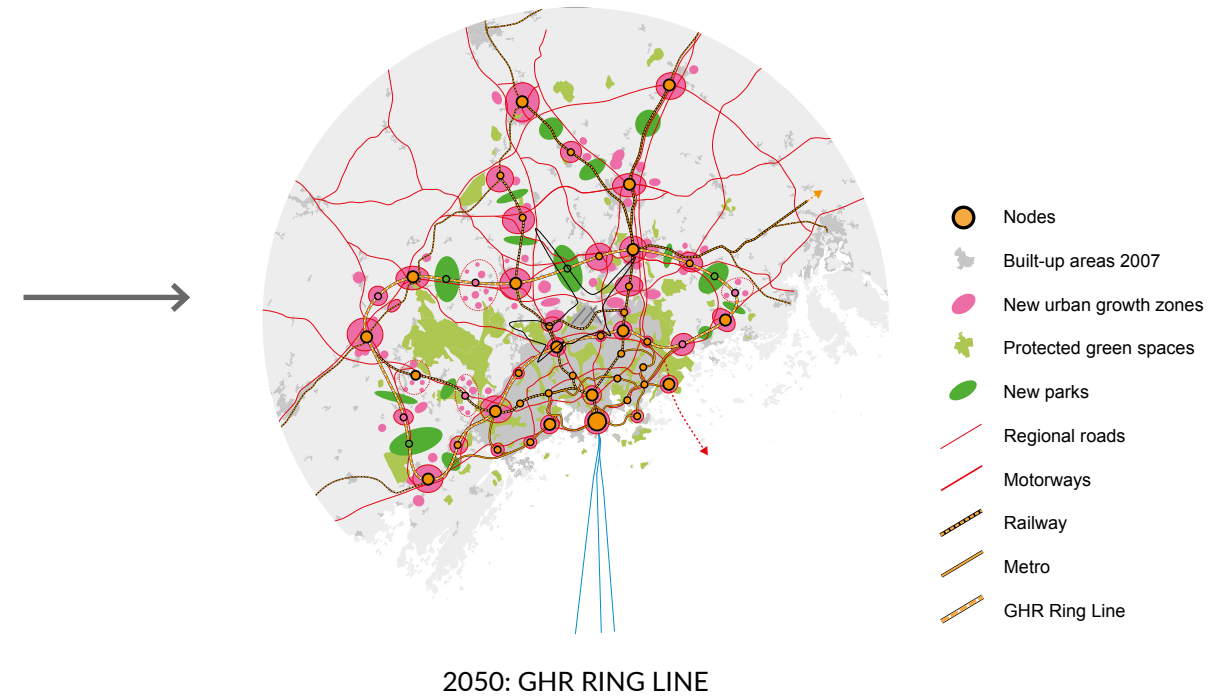
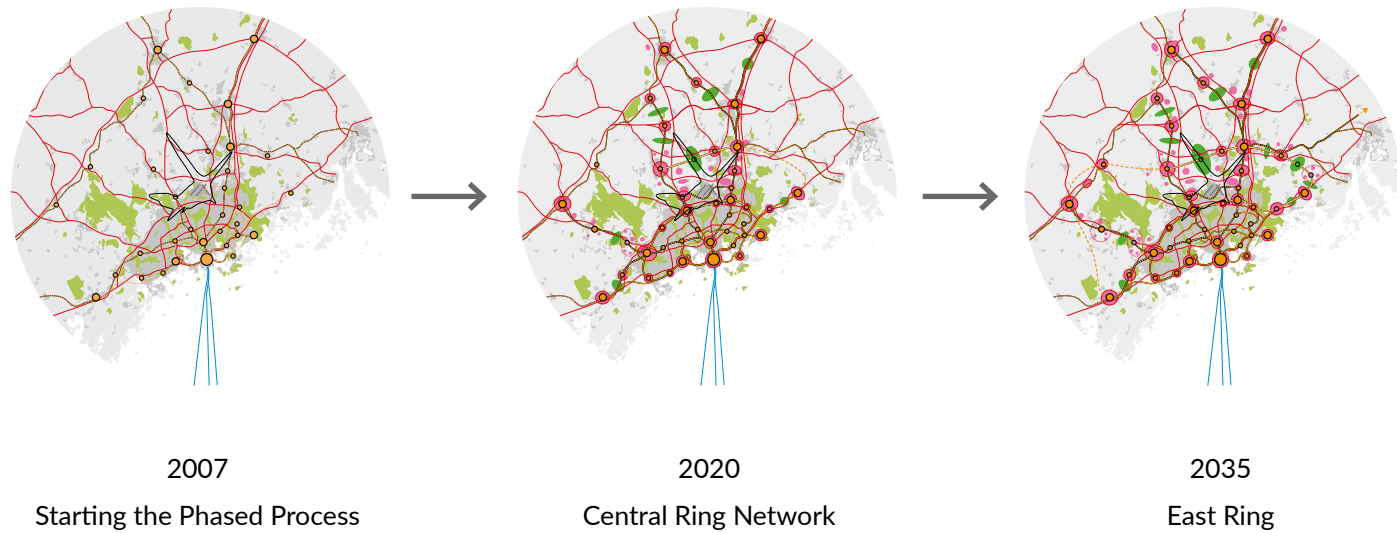
## SUSTAINABLE TRANSFORMATION

What will happen in the future with the obsolete coal production factories, gas stations or large shopping centres? The functionality of some of the places that still made up the city at the beginning of the 21st century must be rethought in order to create an environmentally friendly metropolis. It is necessary to transform existing areas with a productive added value for the inhabitants and the climate.

Using the Spandau node as an example, we show the possible conversion of a contaminated industrial site into a new productive urban landscape. Through natural transformation, the urban landscape is charged with new values, which at the same time redefines the energy supply, food production, lifestyles and economic developments of the metropolitan region and adapts them to climate change.







## Helsinki 360° Greater Helsinki Vision 2050

The visionary strategy was part of the International Ideas Competition "Greater Helsinki Vision 2050", organized by Greater Helsinki with the capital city Helsinki and 13 surrounding municipalities and State of Finland in 2007. The main aim was to develop sustainable strategies and concrete solutions for strengthening the status and competitiveness of Greater Helsinki as attractive region to live and conduct business. The overall physical infrastructure should be re-shaped and its position as a leading cultural and technological centre in the Baltic area be reinforced. The entries should moreover generate ideas on how to solve the emerging housing dilemma and provide visionary solutions allow ca. 70 million square meters of new housing stock.

The International Ideas Competition was meant to be a landmark chapter in the history of the planning and development of Greater Helsinki.

Helsinki faces a bright future. Helsinki 360° will guide the Greater Helsinki municipalities along their common path into that future. The people of the Helsinki Region will be able to enjoy their highly-valued natural environment while opportunities for innovation in industry, research and education will continue to grow. The principal aim of Helsinki 360° is: Develop a well-balanced Greater Helsinki Region in terms of a functionally mixed and sustainable urban network structure in which various lively centers are interconnected.

Helsinki 360° does not propose a blue print. Although blue prints may look good, they are inherently rigid. Facing a complex set of very diverse and interrelated challenges, greater Helsinki needs not only a planning concept that offers guidance, but also one that is able to adapt to future circumstances that are impossible to foresee in detail. One of the main strengths of the ring-shaped network that Helsinki 360° proposes is the system's built-in flexibility.

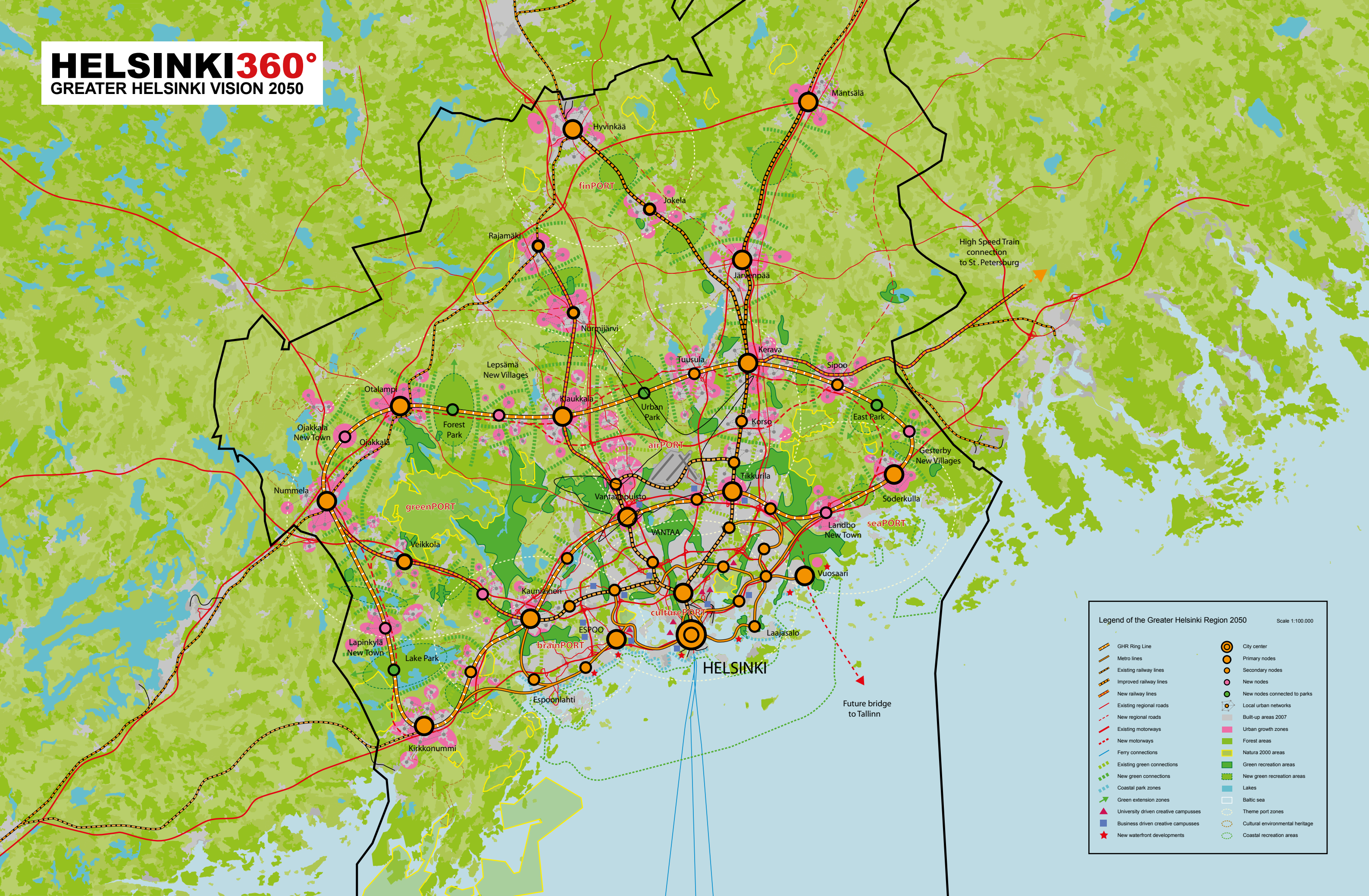
<i>Year</i>	2007
<i>Status</i>	International Ideas Competition
<i>Location</i>	Greater Helsinki, Finland
<i>Client</i>	14 municipalities of Greater Helsinki & State of Finland
<i>Collaboration</i>	YEAN - Young European Architects Network





# HELSINKI360°

GREATER HELSINKI VISION 2050



Legend of the Greater Helsinki Region 2050 Scale 1:100,000

	City center
	Primary nodes
	Secondary nodes
	New nodes
	New nodes connected to parks
	Local urban networks
	Built-up areas 2007
	Urban growth zones
	Forest areas
	Natura 2000 areas
	Green recreation areas
	New green recreation areas
	Lakes
	Baltic sea
	Theme port zones
	Cultural environmental heritage
	Coastal recreation areas



### BUFFER ZONE

The buffer zone functions as a buffer between the most urbanized part of Helsinki's Metropolitan Region and its suburban and rural surroundings. This zone offers prime locations for new developments such as business parks, which are slowly filling up the open spaces along the motorway ring. Therefore, *Helsinki 360°* aims at both intensifying and

extensifying urbanization. A number of nodes in the network attract the urbanizing forces to this zone, intensifying ongoing urbanization. By acting as focal points these high-density nodes create the necessary space for natural and agricultural developments in extensified areas. This dual aim enables green spaces to penetrate deeply into the built-up urban areas.



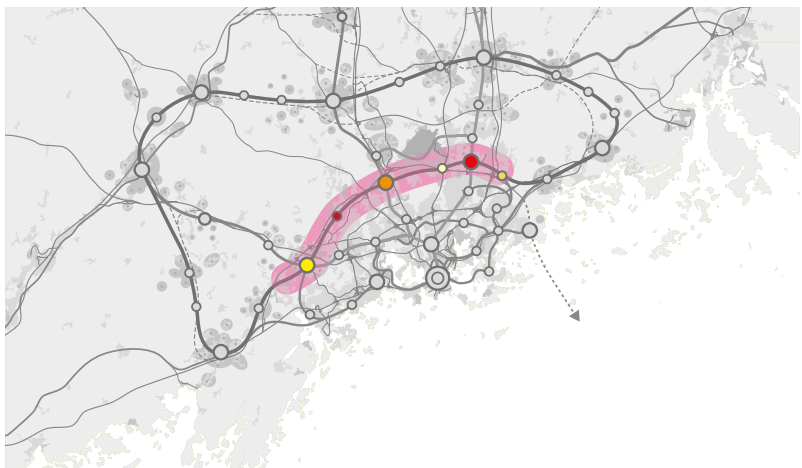
### PORTS

The buffer zone is located between all ports: The air port, brain port and sea port.



### GREEN CORRIDORS

The retention of open vistas is vigorously defended.



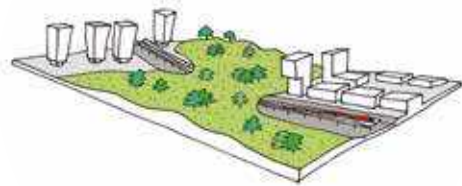
### NODES

Urban nodes are attractive locations for new housing, research and business developments with its own identities.



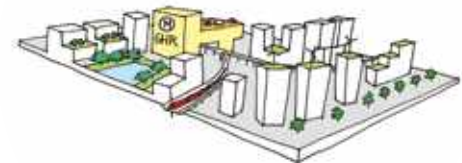
### CASE STUDY: VANTAA

The Airport and the area south of it (Vantaa) is one of the most dynamic growth areas for businesses, services, logistics and commerce. It is dominated by various means of transport and highly accessible.



### TOOL #1: DEFINE AND PROTECT GREEN AREAS AND OPEN VISTAS

Green Fingers and Corridors crossing the ring create open vistas and contrast nicely with the built-up area. Furthermore, the Corridors establish important connections between existing natural areas.



### TOOL #2: DEVELOP NODES

At intersections of different public transport systems new compact urban developments (Urban Foyers) arise. These centers of activity are characterized by high densities and a functionally mixed program.



### TOOL #3: CREATE SUSTAINABLE BUSINESS PARKS

Along the existing infrastructure 'old' business areas will be transformed into sustainable business parks. High-quality business locations and integrated natural zones can be developed and maintained in public-private partnerships.





## Architecture LAND

During the 80's boom, Bangkok's economic growth outpaced that of the rest of the country, resulting in very strong urban growth. Bangkok had 7 million inhabitants in 2000, some studies announced 10 for 2015. But in 1997, the Asian economic crisis plunged the city into a difficult period. The Thai currency suddenly devalued by 45%. The government then had to stop its infrastructure development projects: transport networks and public facilities. Many private investors have also had to stop their current projects. Some 300 sites scattered in central Bangkok were abandoned during their construction. There are both 10-storey condominium type buildings and mega-complexes including shopping centers, housing, offices, parking lots, cinemas, etc. The construction of these sites was stopped at the structural stage: foundations, hard core central, posts, floors. Together, these sites represent a considerable number of vacant hectares in the form of empty stacked plateaus. Considering their immensity and their impact on the scale of the city, they are qualified as "new territories".

In parallel, the rank of important world financial center reached by Bangkok makes strongly increase the price of the grounds in the city resulting in social discrimination in the space not corresponding to the tradition of Thai urbanity.

In connection with the NHA, which manages collective housing projects in the country, fifteen of these new territories were visited during the project. Their spatial potential that they represent in the heart of the city was recognized immediately.

The project consists of thinking about the implementation of mixed programs in these territories in the hands of the Thai Bank and therefore in fact available to a State concerned about their future. The project approach consisted in reflecting through an example, on flexible strategies that could be used for other territories as well. This project was the subject of a global reflection on the city of Bangkok.

*Year*  
2007

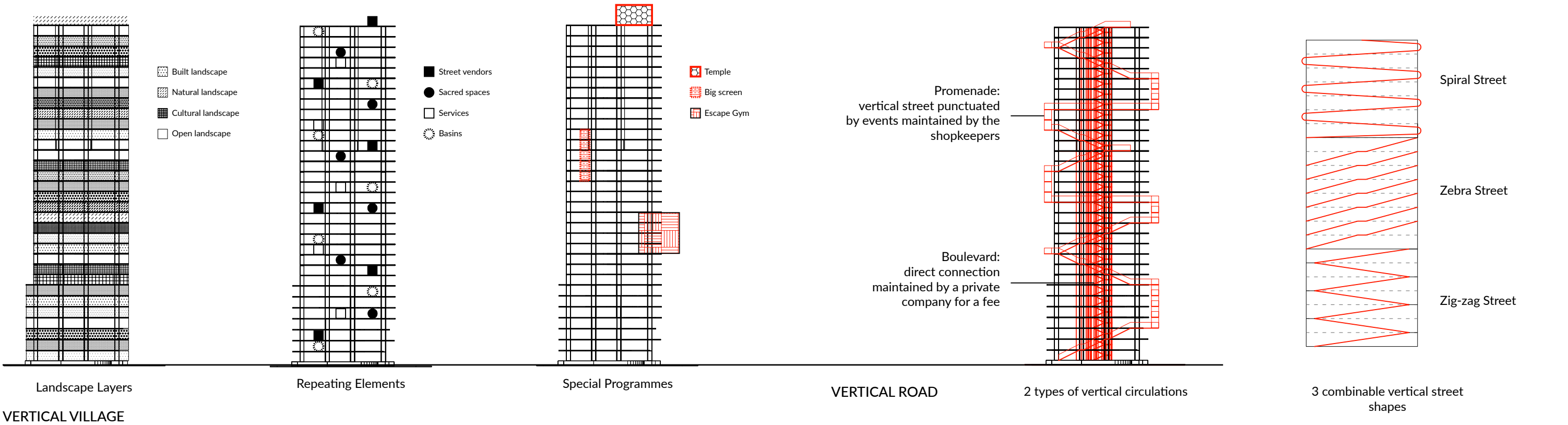
*Status*  
completed

*Location*  
Bangkok, Thailand

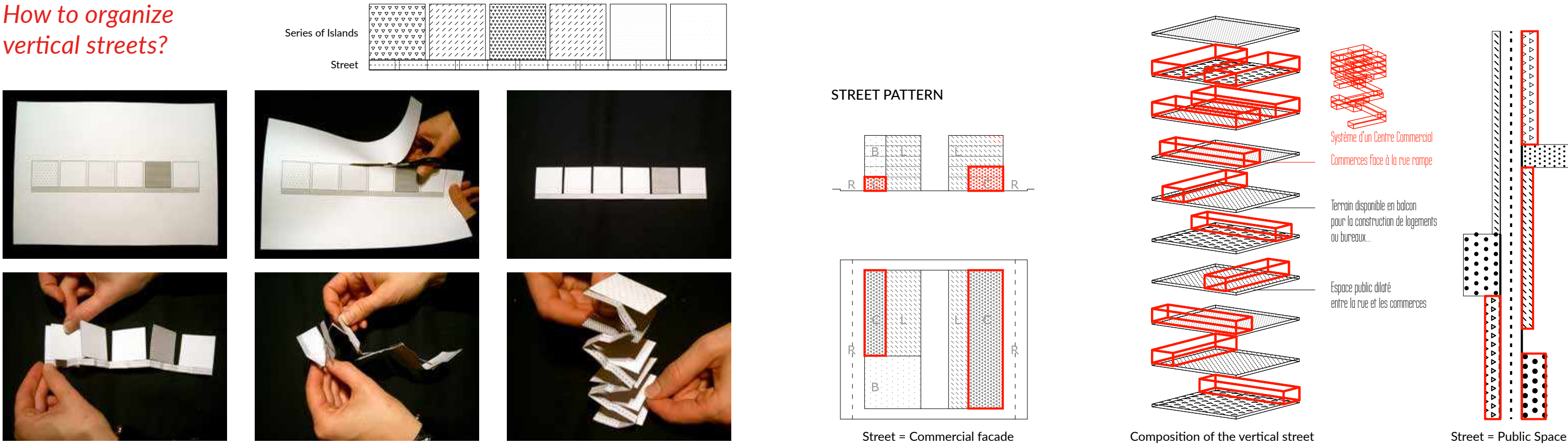
*Collaboration*  
Kasetsart University (Th)  
Bordeaux School of Architecture (Fr)

*Client*  
National Housing Authorities in Thailand

# What are New Territories?



# How to organize vertical streets?











+/- zero level installation for Bangkok Contemporary Art Museum

# BKK 2600\_Amphibious City

BKK 2600 studies the flooding phenomenon in densely populated regions of South East Asia, using the city of Bangkok as a case study. The city, which is located near the sea in the delta of the Chao Praya river, must have recourse to numerous infrastructures and an increasingly important technicity, to allow a western urban development. The flood plain in which the urban agglomeration of Bangkok is developing seems difficult to control. Considering the phenomenon of floods, erosion of the land facing the sea, sinking of the ground, the type of development chosen by the city of Bangkok seems increasingly to be out of step with the idea of a sustainable development.

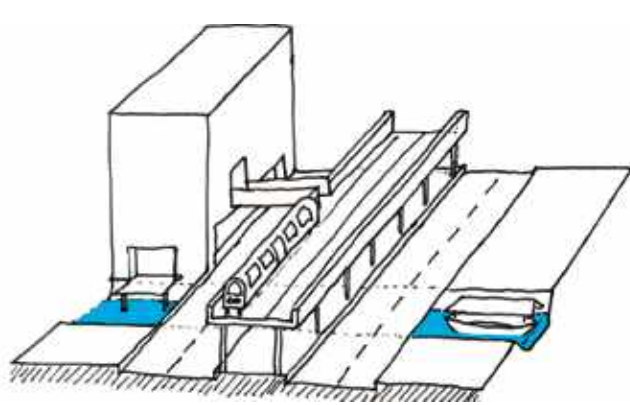
Our job was to identify the different possibilities of reintroducing water in the future development of the city of Bangkok, in order to promote development in accordance with the environmental and natural DNA of the site. How could the city of Bangkok reconnect with these origins of amphibious city? How to propose a modern development model in accordance with its culture and the local geographical and climatic characteristics? These are questions of proposing a futuristic vision of the urban agglomeration, capable of provoking a debate around the question of the policy and the method of development chosen.

Having studied the phenomenon of urban stratification in its most evolving aspects and its proliferating nature, we can ask ourselves if there are spatial solutions to explore and meet the future challenges of town planning.

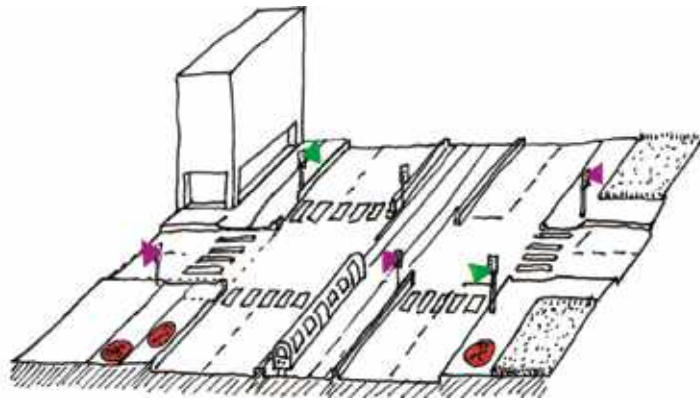
Is there a limit to the process of thickening the Bangkok basement? Of the overlapping of networks and functions? Can the dynamic development of the upper town be bearable for a long time by the lower town? How to organize a vertical city, so that it benefits everyone?

<i>Year</i>
2008
<i>Status</i>
completed
<i>Location</i>
Bangkok, Thailand
<i>Funding</i>
Fondation EDF Diversiterre

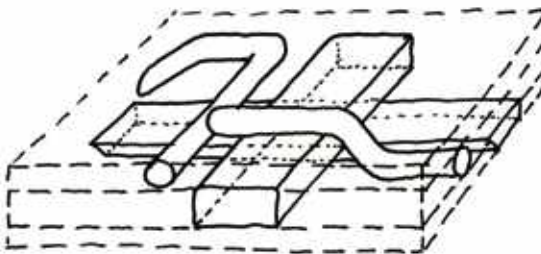




Bangkok's dense urban base



urban base of western cities



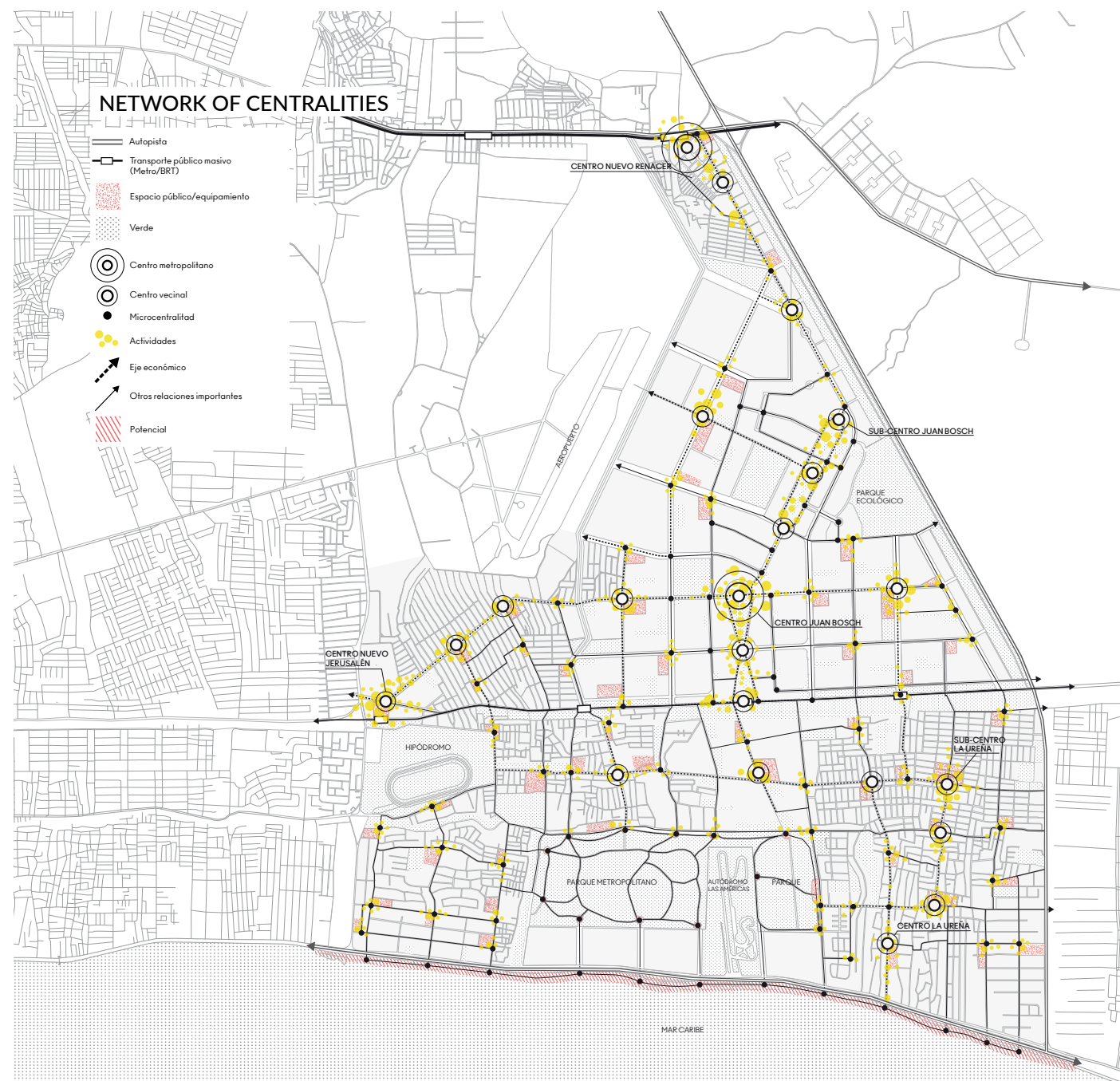
networks channeled in 3 dimensions in



Networks deployed at a single level in Europe







## Urban Design Lab Santo Domingo Este

### 5 MINUTES CITY

The Urban Design Lab in Santo Domingo/Dominican Republic called “Plan Triangulo – a metropolitan strategy for Ciudad Juan Bosch” is an integrated metropolitan development project in cooperation with Banco Interamericano de Desarrollo (BID) and the government of the Dominican Republic.

The project proposes to integrate the surrounding informal communities into Santo Domingos new satellite city Ciudad Juan Bosch-Proyecto Residencial. With the “5 minutes city” concept we aim to create accessible public spaces at least every five minutes walkable distance. By this, we recreate an inclusive city system that invites all neighbours to enjoy their city with new jobs and recreational areas.

### TRANSPORT-ORIENTED DEVELOPMENT

New public transport nodes, such as train and metro stations function as new metropolitan centers with a high concentration of activities and high quality public spaces. Between these nodes, main axes of development with active ground floor areas are created. Place-based solutions offer adapted and specific development perspective for each neighborhood.

Year  
2019

Status  
completed

Location  
Santo Domingo, Dominican Republic

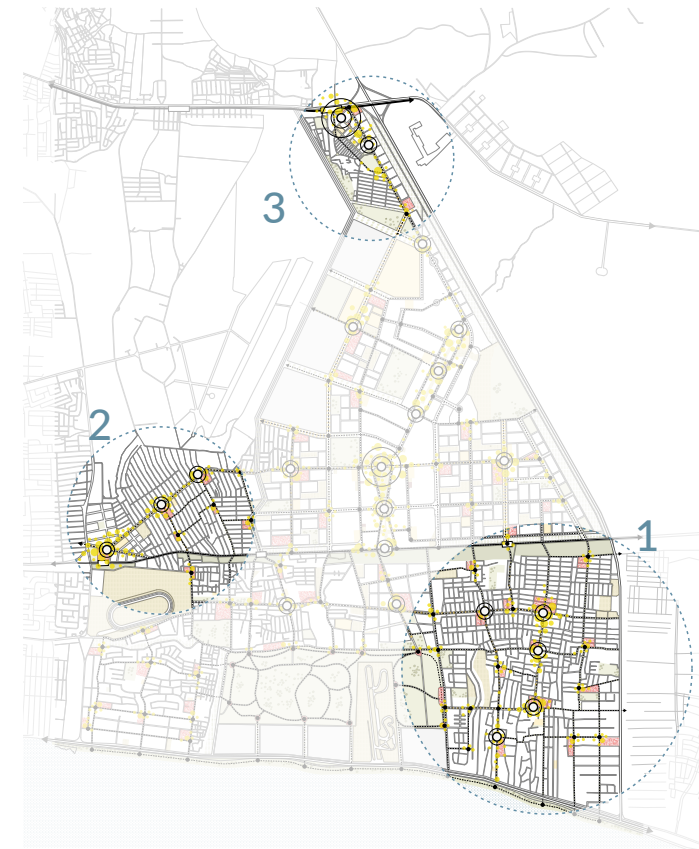
Client  
Banco Interamericano de Desarrollo (BID)





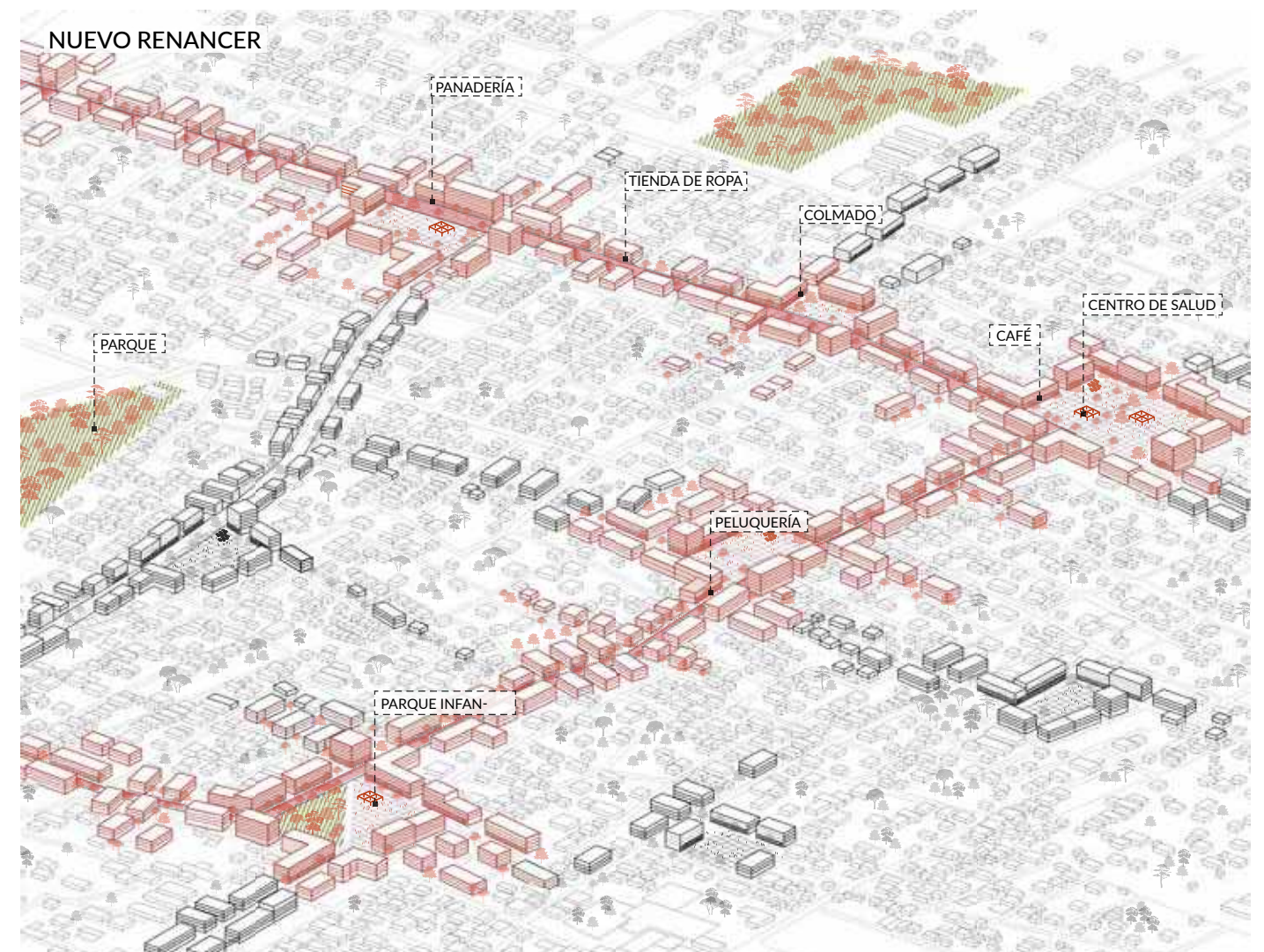
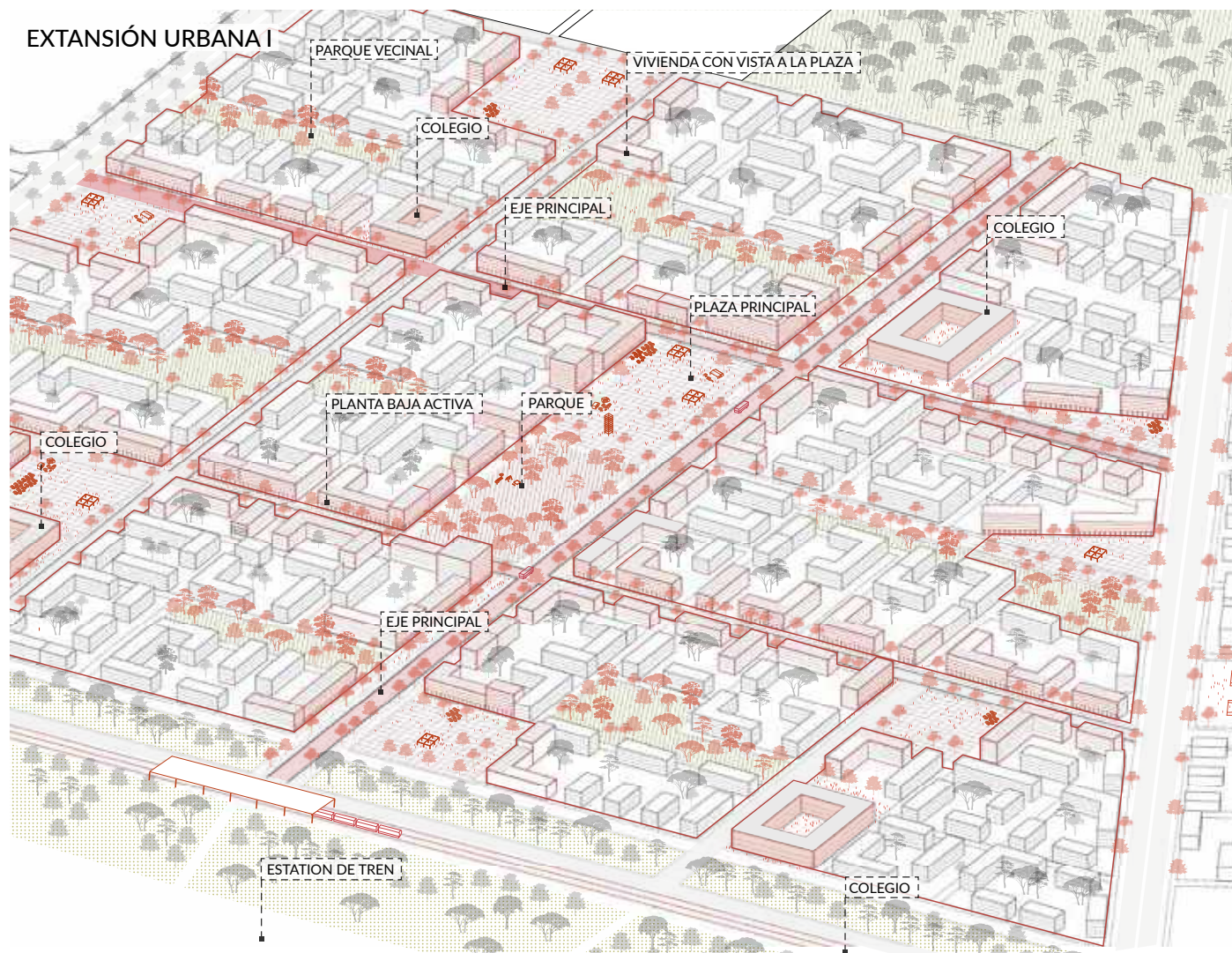
#### 4 URBAN EXTENSION AREAS

- 1** EXTENSIÓN URBANA I  
136 ha  
46.200 inhabitants
- 2** EXTENSIÓN URBANA II  
41 ha  
13.000 inhabitants
- 3** EXTENSIÓN URBANA III  
57 ha  
19.600 inhabitants
- 4** EXTENSIÓN URBANA IV  
64 ha  
17.900 inhabitants



#### 3 URBAN RENEWAL AREAS

- 1** LA UREÑA  
443 ha  
64.500 inhabitants
- 2** NUEVA JERUSALÉN  
224 ha  
77.000 inhabitants
- 3** NUEVO RENANCER  
60 ha  
23.000 inhabitants











# Urban Design Lab Handbook

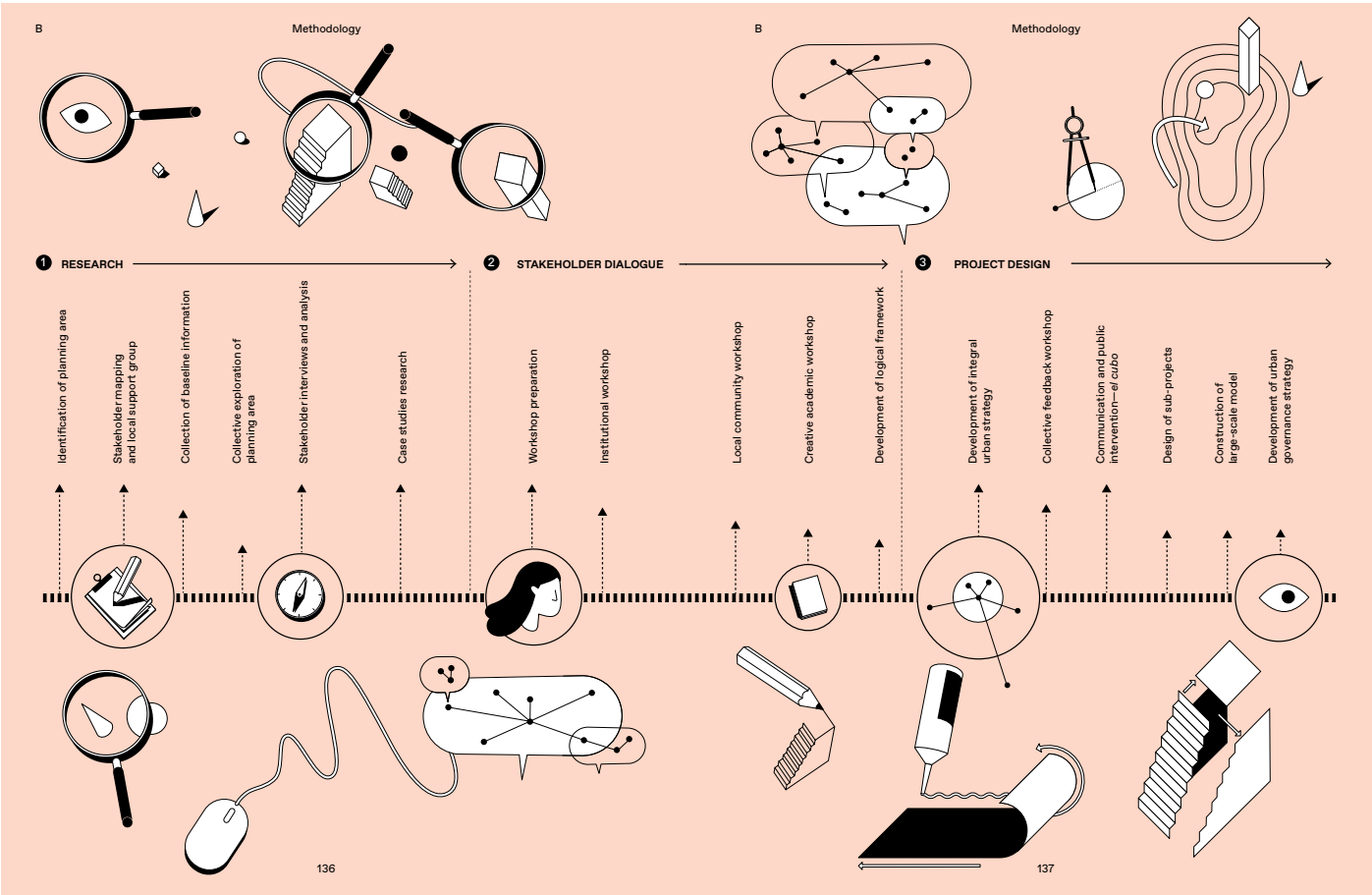
Latin America and the Caribbean is one of the most urbanised regions in the world, and cities continue to grow enormously. In order to respond to the challenges this poses, long-term strategies must be developed. How do you expand a growing city without losing its urbanity? How can urban growth be linked to social, environmental, cultural and economic issues?

The Urban Design Lab (UDL) has acted in more than twenty emerging cities in Latin America and the Caribbean as moderators of dialogue-oriented urban planning, exploring urban imaginaries and collecting creative ideas in order to translate them into design solutions. Each of these processes was unique and unpredictable—enriched by the participation of a diverse group of actors coming together as co-designers within highly complex urban contexts.

The UDL takes a proactive approach to investigating and testing urban planning and design tools. This is achieved by deploying design-based solutions in emerging cities and developing real cases with real people. The most important lesson that the UDL has taught us is the need for adaptable, flexible, non-static planning tools that can catalyze transformative urban processes.

The Urban Design Lab Handbook explains the context and challenges of twenty emerging cities in Latin America and the Caribbean and offers solutions to the problems of urban agglomerations. The handbook encourages readers to make use of the toolbox, tailor it to their needs and start similar processes in their own cities. Thanks to their high degree of flexibility, the tools may be combined in various ways and adjusted to local conditions—thus generating

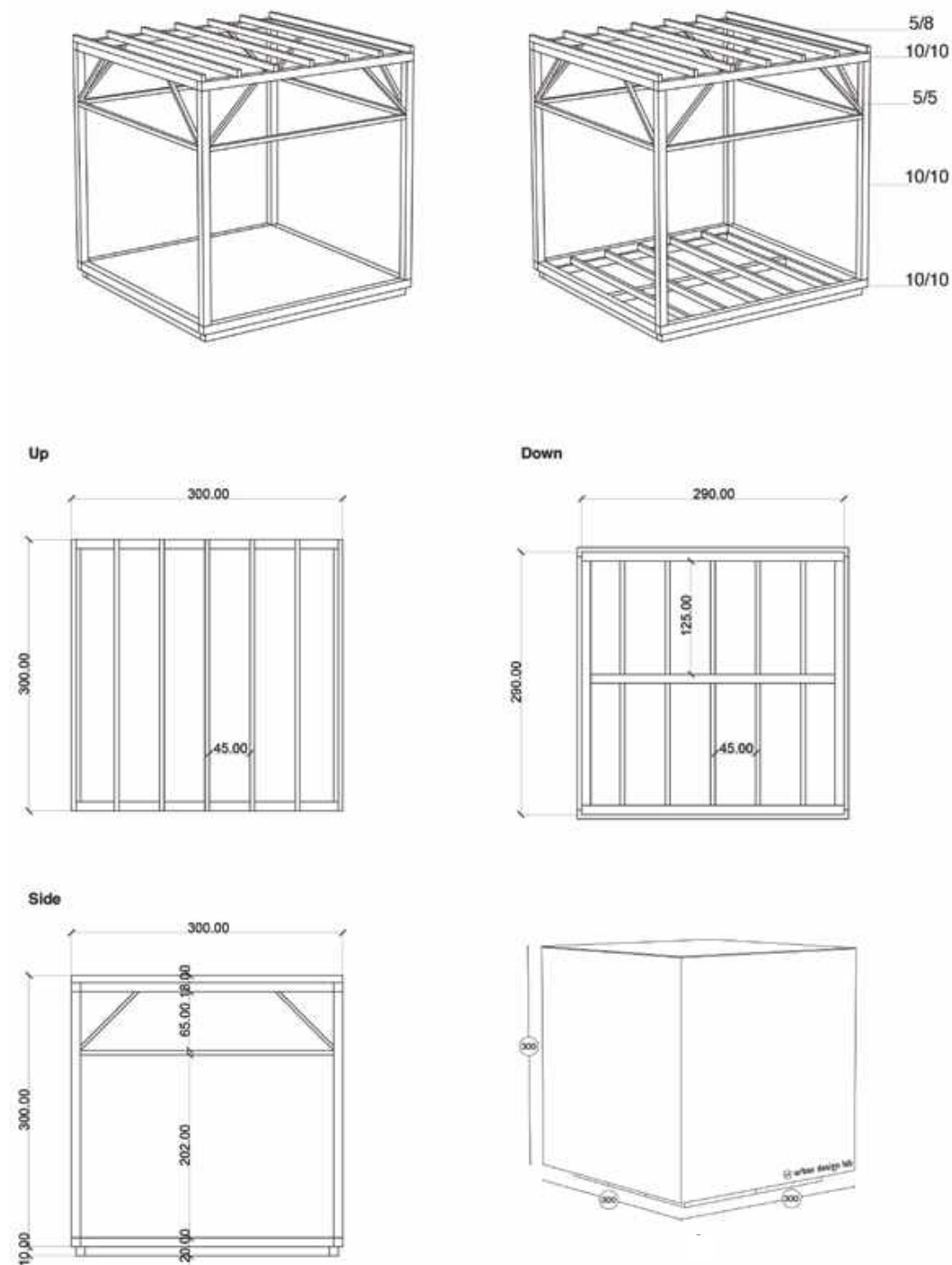
Year	2018
Status	completed
Location	more than 20 cities in Latin America
Client	Banco Interamericano de Desarrollo (BID)
Collaboration	Vienna University of Technology



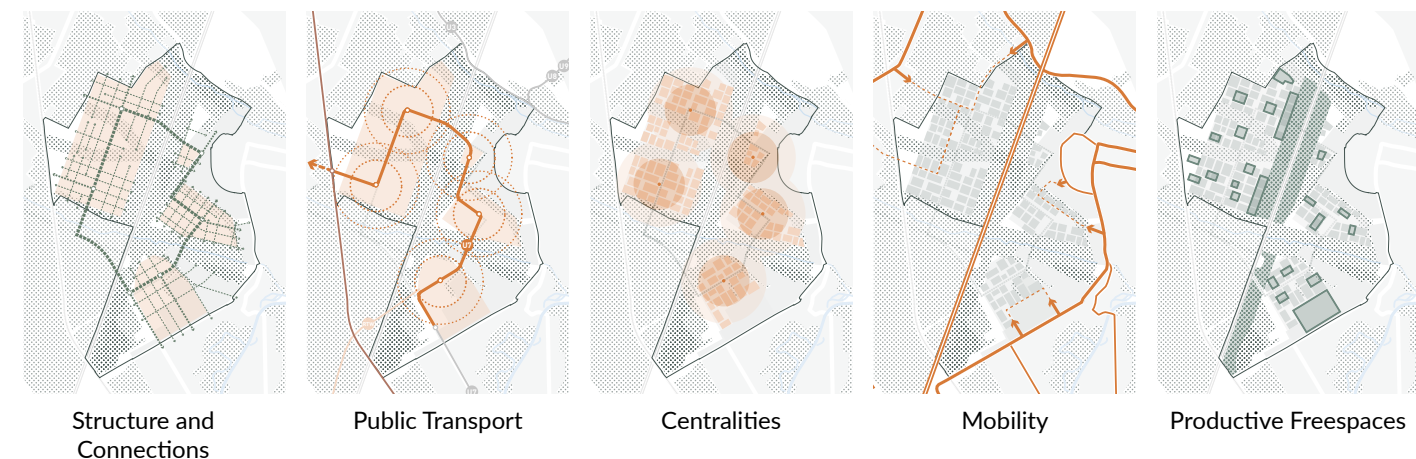


## "El Cubo": Activation of Borja Yerovi Plaza, Quito, Ecuador

Green El Cubo serves as a transformation hub, communicator, cinema and workshop space in Quito. These are detailed plans for el cubo, which was presented during the Habitat III Conference in 2016.







# Supergreen! Frankfurt

## NEW DISTRICT OF QUARTERS

Within the framework of the dialogue-oriented planning procedure "Frankfurt-Nordwerst - Neuer Stadtteil der Quartiere", a new district for 30,000 residents is to be created, which in part ties in with existing urban structures on the outskirts of the city. The "Supergreen!" concept makes the two factors that clearly reduce quality - high-voltage lines and the motorway - unimportant. We are developing a plan that will test new ways for sustainable and liveable urban development - bold, diverse and with the available resources, on site.

## NATURE WITHIN REACH

Nowhere else does the city of Frankfurt come so close to the Taunus nature reserve. The dense urban fabric, the open region and the green Taunus follow one another closely here, making it a special experience. The natural and landscape spaces that meet here offer great potential for urban development and landscape planning.

## CENTRAL ISSUES

There are 4 central questions for our design:

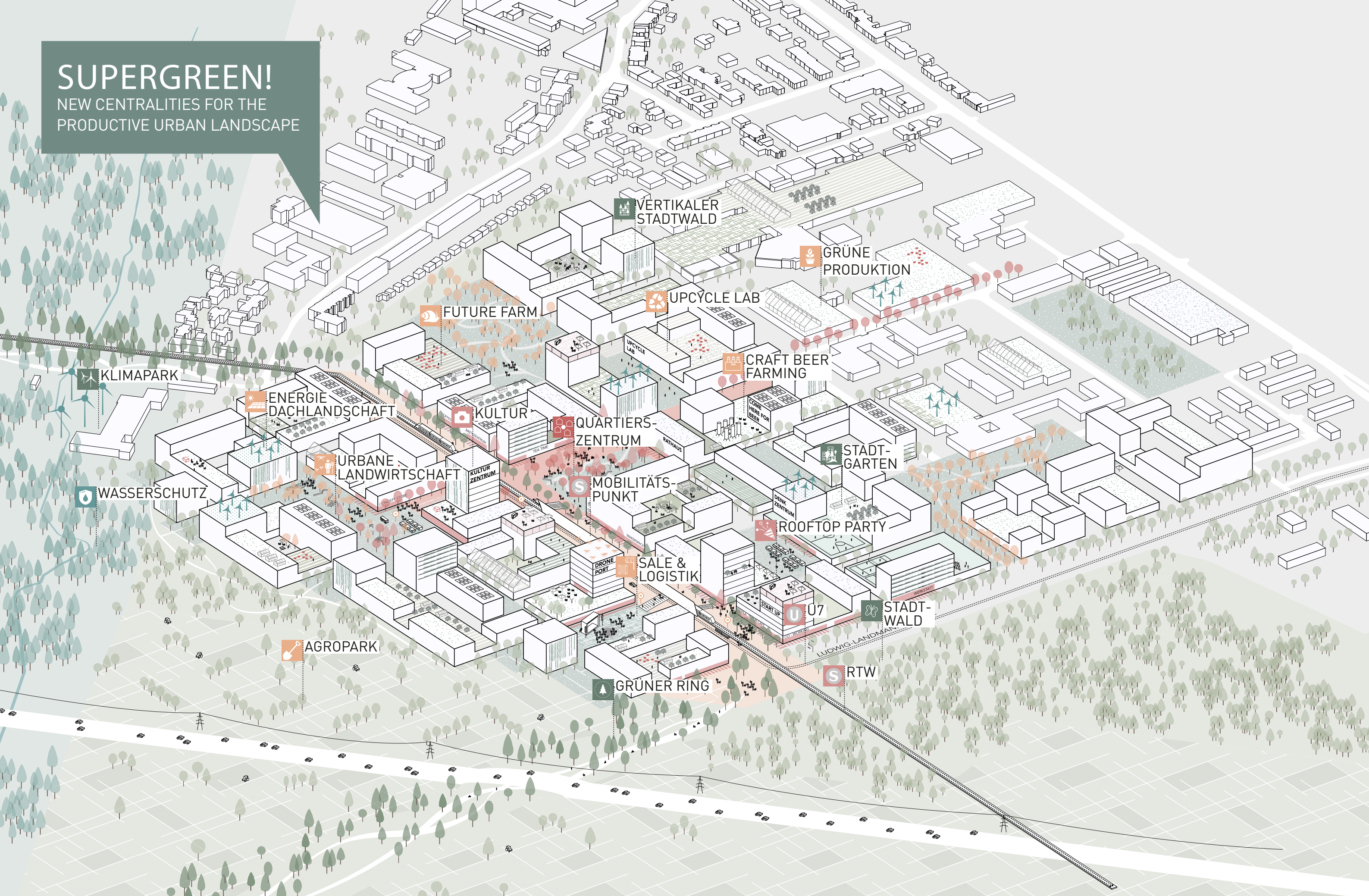
- Regionality and thus the topics reduction of transport routes of any kind, local building materials, products and food are central. And with that the question arises: How can local resiliencies and partial autarky be built up? Especially now after the COVID 19 crisis?
- Climate protection means habitat protection. What do urban spaces look like that protect themselves and provide for their own future? How can every home and open space contribute to this?
- These topics can hardly be thought of without the establishment of new cooperations, communities or urban societies. What are the social aspects of regionality and climate protection and what do they mean for urban development?
- Using and showing spatial and thus development potentials. How can the diversity of nature, city and landscape be experienced in each district?

Year	2020
Status	ongoing cooperative planning project
Location	Frankfurt am Main, Germany
Client	Stadtplanungsamt - Stadt Frankfurt am Main
Collaboration	Siri Frech - Raum + Strategie, DnD Landschaftsplanung ZT KG

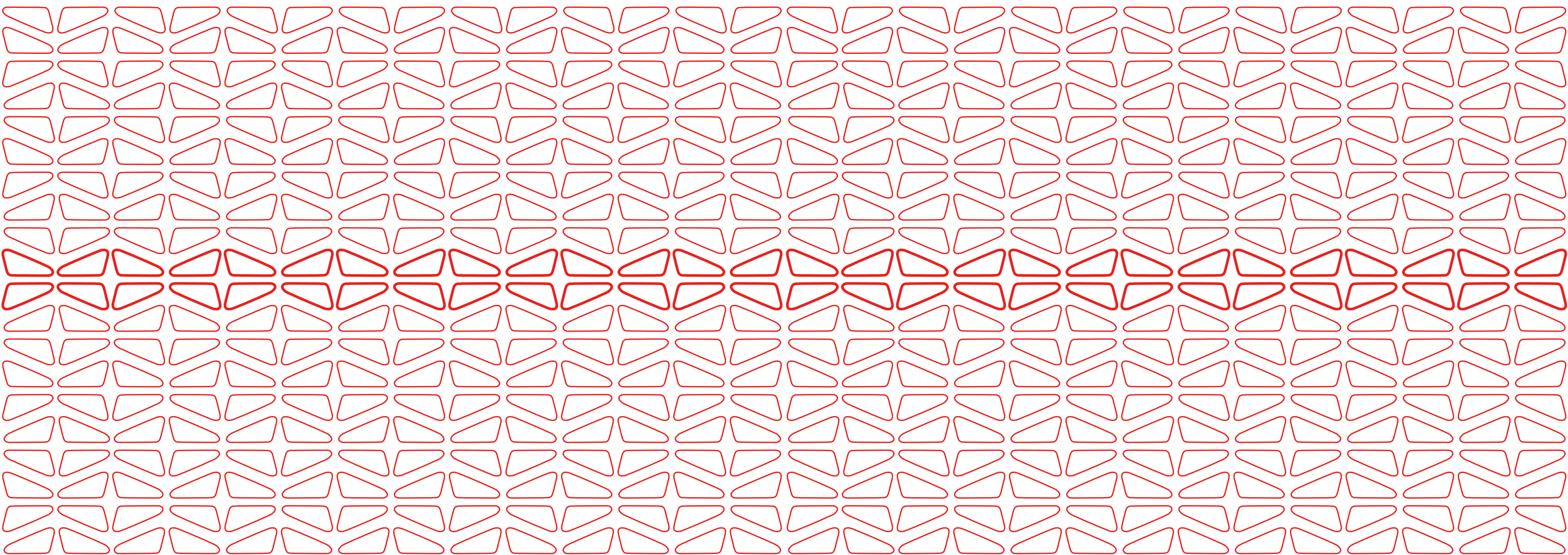


# SUPERGREEN!

NEW CENTRALITIES FOR THE  
PRODUCTIVE URBAN LANDSCAPE







#### MetroLab Office Austria

address Lenaugasse 2/4  
1080 Vienna

tel/fax +43 1 9137621

email [hello@metrolab.design](mailto:hello@metrolab.design)

website <http://metrolab.design/>

#### MetroLab Office France

address La Touille - BP 9  
F-24250

Cénac et Saint Julien

tel +33(0)5 53 31 10 42

MetroLab is a project by

**SUPERWICH**  
architecture urbanism

**COCO**  
architecture, urbanisme, *etc.*

Supported by

