

FROM ROADS TO CITY PLACES: LEARNING FOR CHANGE

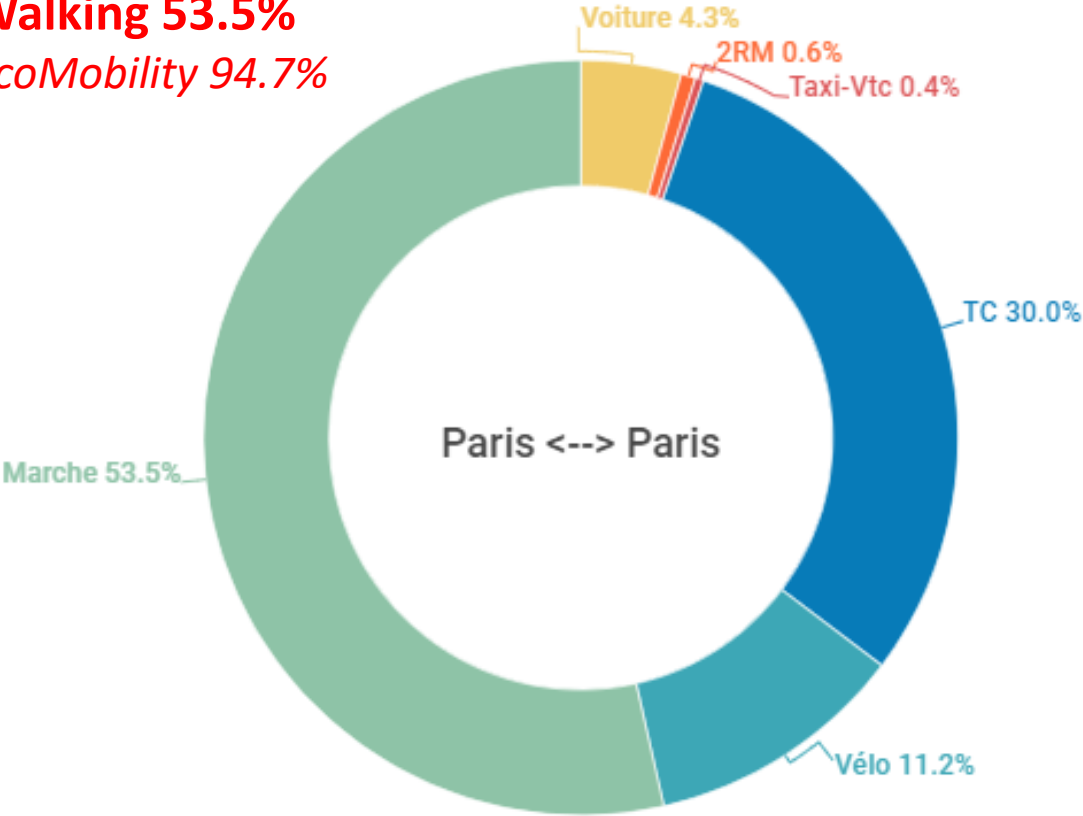
Paul Lecroart Senior Urbanist, Chair of METREX From Roads to Streets Expert Group



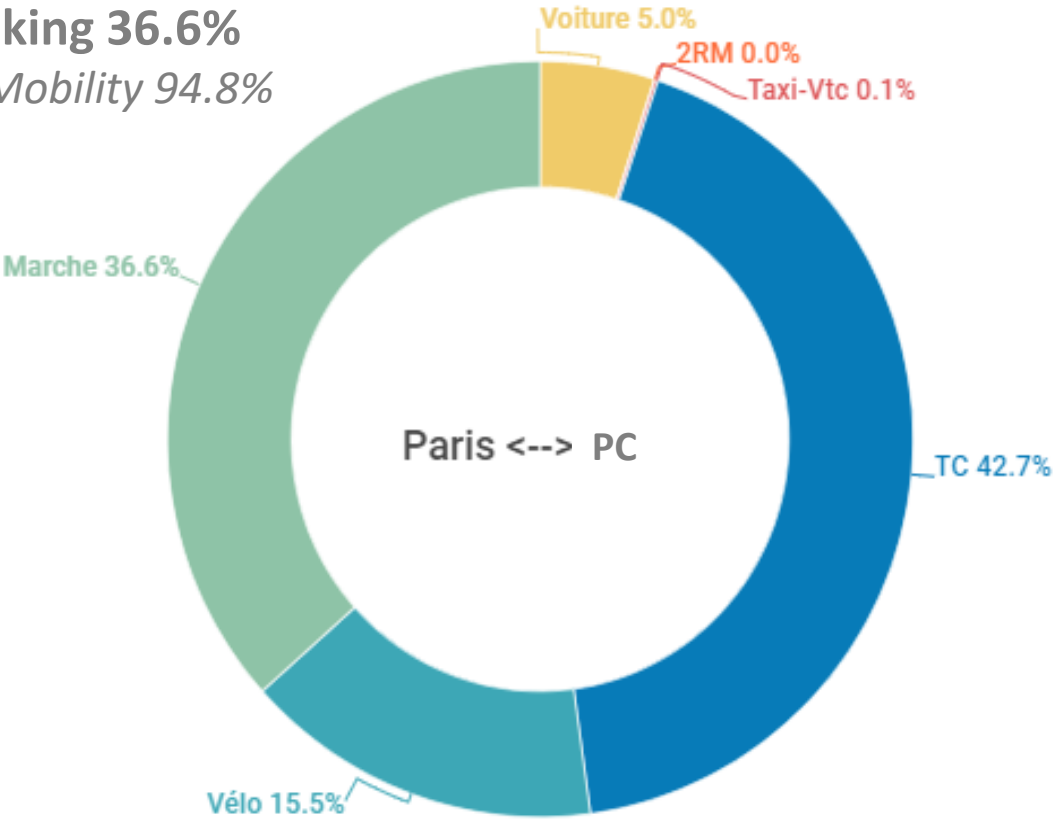
2023 PARIS REGION MOBILITY SURVEY **BREAKING NEWS !!!**

More Bike Trips than Car Trips **in Paris** and from Inner Metro Area !

Car 4.3%
Public Transport 30%
Bike 11.2%
Walking 53.5%
EcoMobility 94.7%



Car 5%
Public Transport 42.7%
Bike 15.5%
Walking 36.6%
EcoMobility 94.8%



TRANSFORMING HIGHWAYS IN THE PARIS REGION

PARIS RIVER BANKS EXPRESSWAY PEDESTRIANISATION 2012-2019



POST-COVID RADICAL CHANGE

Paris, Rue de Rivoli



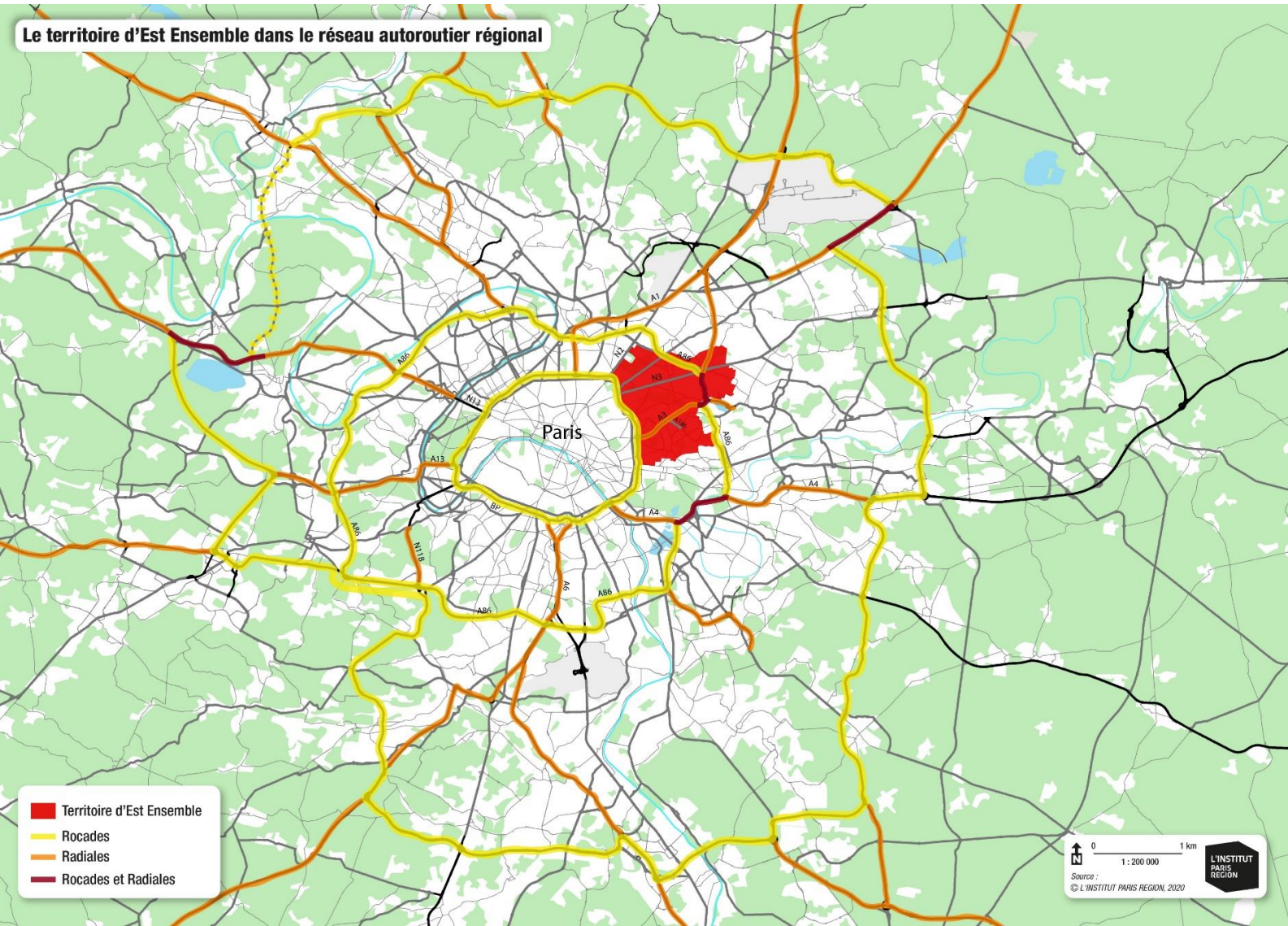
RADICAL TRANSFORMATION OF STREET LAYOUT 2004-2024



TRANSFORMING HIGHWAYS IN THE PARIS REGION

EST ENSEMBLE-GRAND PARIS

430 000 INHABITANTS EAST OF PARIS



#1 A PILOT-PROJECT

2002-2025: CHANGING A186 HIGHWAY INTO A TRAMWAY-AVENUE



2011-2016: LOCAL COMMUNITIES SUPPORT CHANGE

LA VOIE EST LIBRE: OPEN HIGHWAY ONE DAY A YEAR



2020: DECONSTRUCTION OF A186 INFRASTRUCTURE



2021: DECONSTRUCTION OF A186 INFRASTRUCTURE



2025: DELIVERY OF THE LANDSCAPED TRAMWAY AVENUE



2025: RESTITCHING URBAN LANDSCAPE AND COMMUNITIES

Street Connections, Green Connections, Medium-Rise Mix-Use

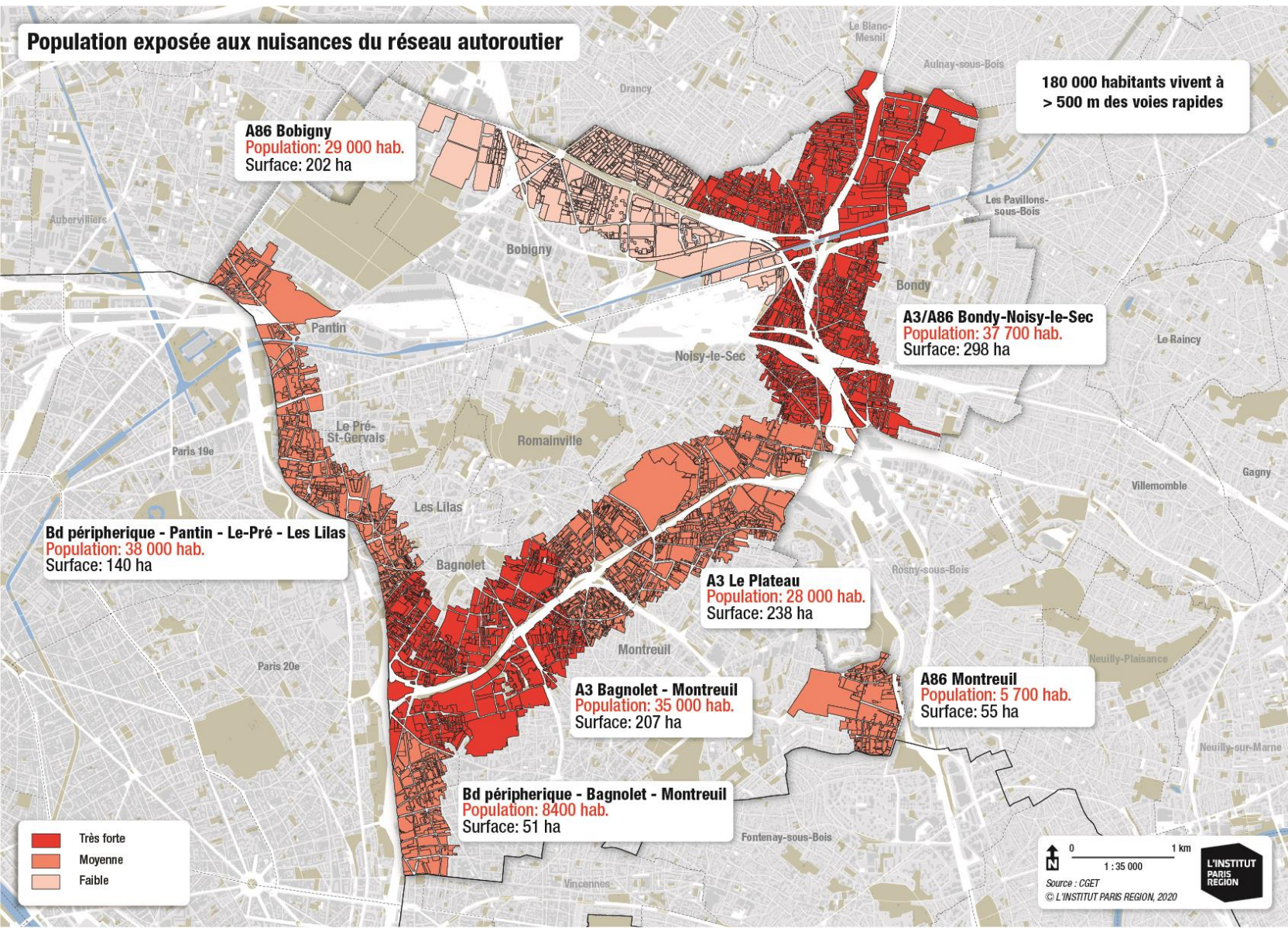
Coloco + Ville Ouverte + Urban-eco + Creaspace + RR&A
+ Une fabrique de la ville + Ingerop

© CD 93 / Devillers



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+ Une fabrique de la ville + Ingerop**

#2 PACIFIED HIGHWAYS WORKSHOPS 2022-2024



FROM ROADS TO STREETS **METREX** LEARNING PLATFORM

EUROCITIES *Urban Regeneration in the City Fringe* -Leader Oslo City

URBACT RiConnect Programme -Leader Barcelona AMB



Objectives

- Understanding contexts and processes > cases
- Sharing expertise > peer-to-peer cooperation
- Drawing strategic lessons > experience learning
- Finding innovative solutions > workshops
- Raising awareness > regional, national and EU



From Roads to Streets

METREX Expert Group From Roads to Streets – Urban Regeneration in the City Fringe

In cooperation with the [Eurocities](#) project “Urban Regeneration in the City Fringe”, METREX has initiated an Expert Group From Roads to Streets: the transformation of roads to urban streets as a key measure to transform the urban fringe.

The EURO CITIES project will primarily investigate how to transform and integrate today's road-traffic barriers in the surrounding urban fabric. The intention is to change the roads from car-promoting structures to promoters of environmentally friendly transport and urban multifunctional spaces.

FROM ROADS TO STREETS METREX LEARNING PLATFORM

20 Cooperating Cities and Regions

FROM ROADS TO STREETS METREX EXPERT GROUP



Birmingham (TfWM)

Helsinki

Lyon (MdL)

Warsaw (Mazovia)

Porto (PMA)

Paris (Region)

International Experts

URBAN REGENERATION IN THE CITY FRINGE EUROCITIES WORKING GROUP



Amsterdam

Brussels

Düsseldorf

Göteborg

Oslo

Prague

Vilnius

URBACT RICONNECT NETWORK



Amsterdam VA

Barcelona AMB

Gdansk-Gdynia GGSMA

Krakow KMA

Paris MGP

Manchester TfGM

Thessaloniki MDAT

FROM ROADS TO STREETS ONLINE WORKSHOPS 2020-2021

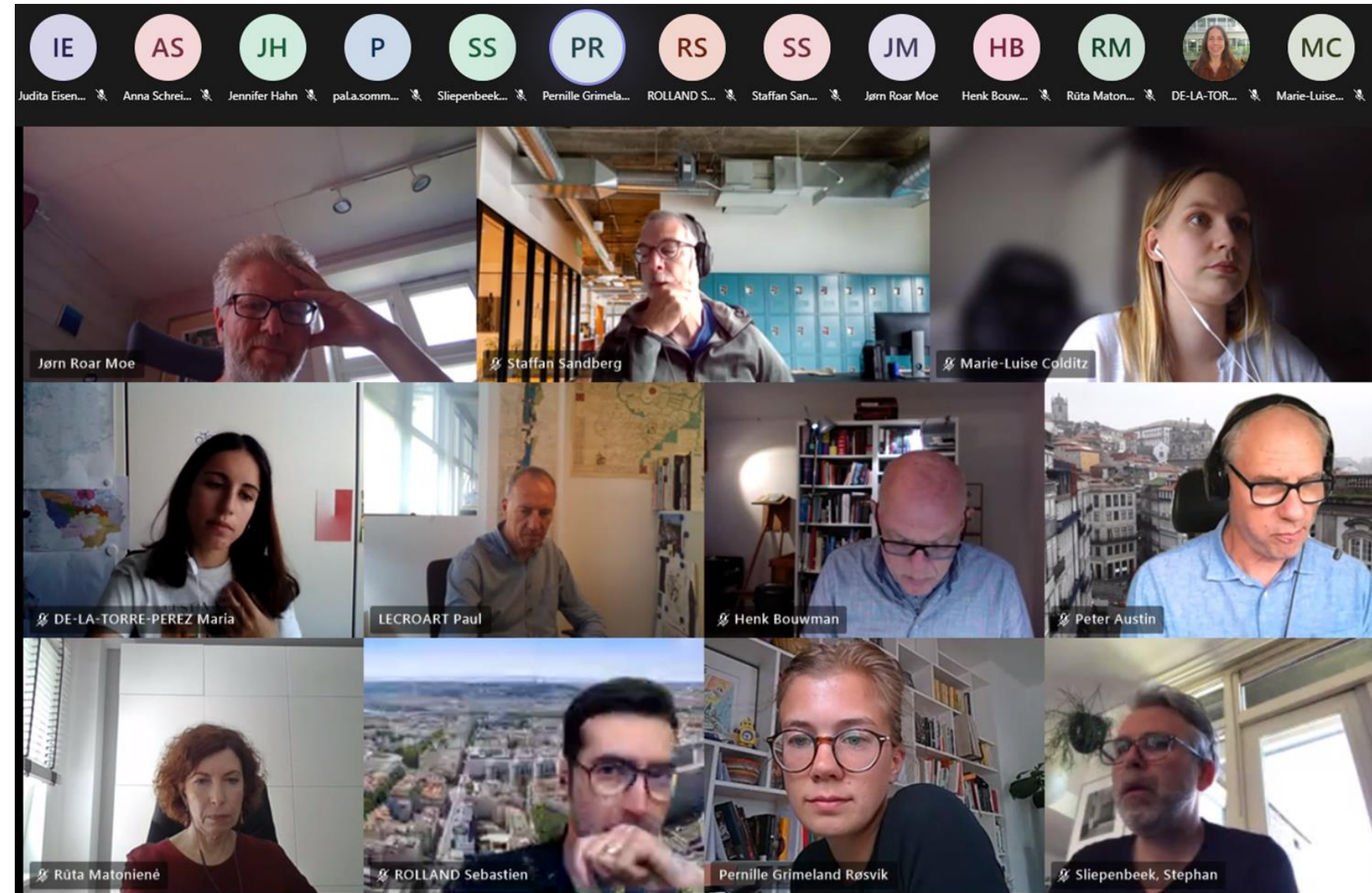
FROM ROADS TO STREETS METREX Expert Group



CITY FRINGE REGENERATION EUROCITIES Working group



URBACT RICONNECT Network



FROM ROADS TO STREETS & URBAN REGENERATION IN THE CITY FRINGE

HANDS ON WORKSHOPS 2021-2023 / LYON

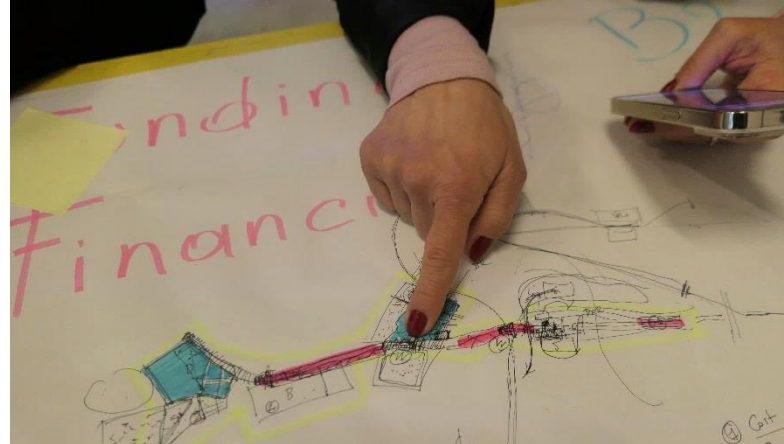


Photos © DR

Photos © Paul Lecroart Institut Paris Region

FROM ROADS TO STREETS & URBAN REGENERATION IN THE CITY FRINGE

HANDS ON WORKSHOPS 2021-2023 / BRUSSELS



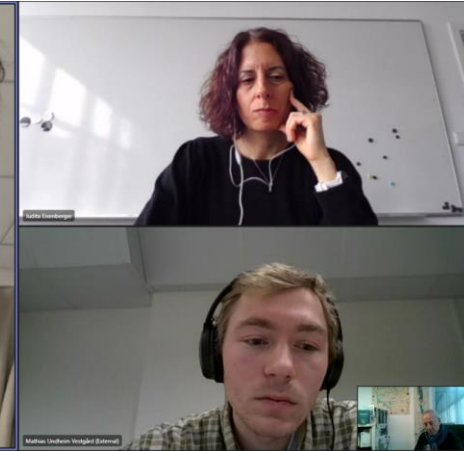
FROM ROADS TO STREETS & URBAN REGENERATION IN THE CITY FRINGE

HANDS ON WORKSHOPS 2021-2023 / VILNIUS



FROM ROADS TO STREETS & URBAN REGENERATION IN THE CITY FRINGE

HANDS ON WORKSHOPS 2021-2023 / PRAGUE



Photos © Paul Lecroart Institut Paris Region

FROM ROADS TO STREETS & URBAN REGENERATION IN THE CITY FRINGE

HANDS ON WORKSHOPS 2021-2023 / AMSTERDAM



FROM ROADS TO STREETS & URBAN REGENERATION IN THE CITY FRINGE

HANDS ON WORKSHOPS 2021-2023 / DÜSSELDORF



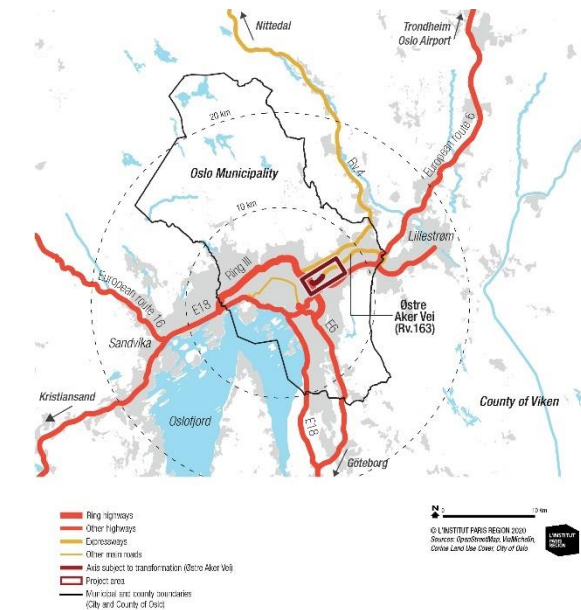
FROM ROADS TO STREETS & URBAN REGENERATION IN THE CITY FRINGE

HANDS ON WORKSHOP 2024 / OSLO Økern

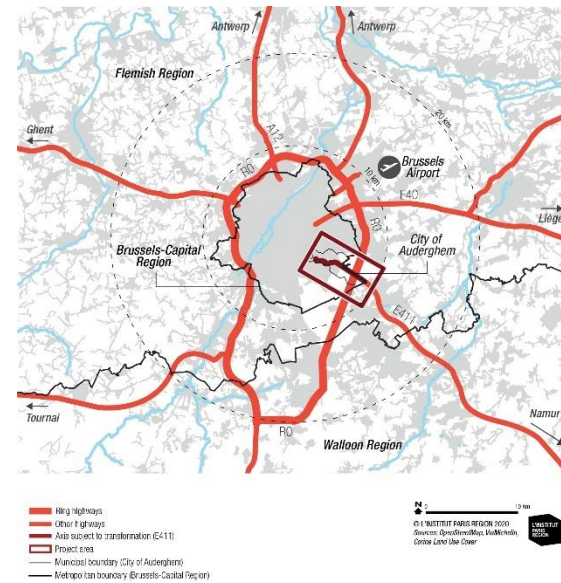


TRANSFORMATIVE STRATEGIES A CASE STUDY APPROACH

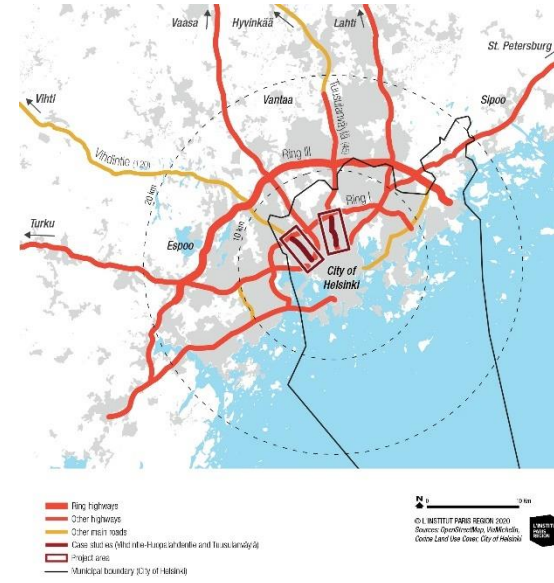
Oslo *Tactical*



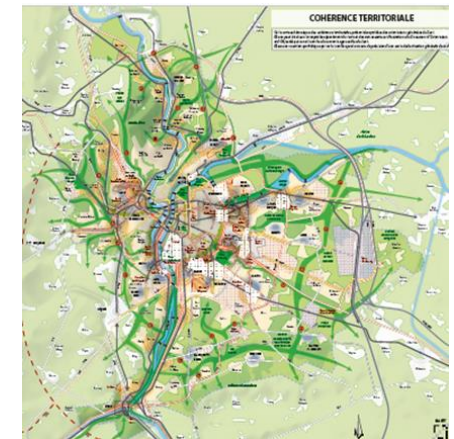
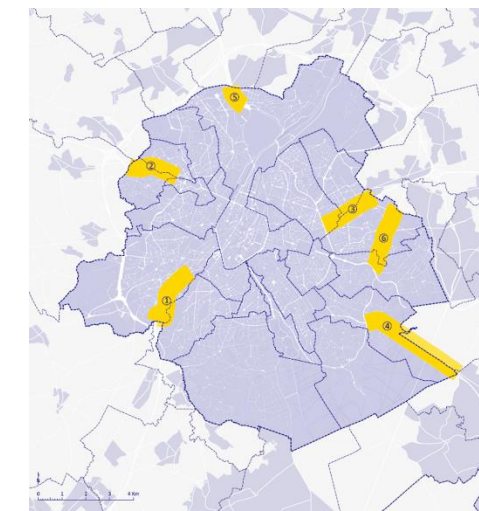
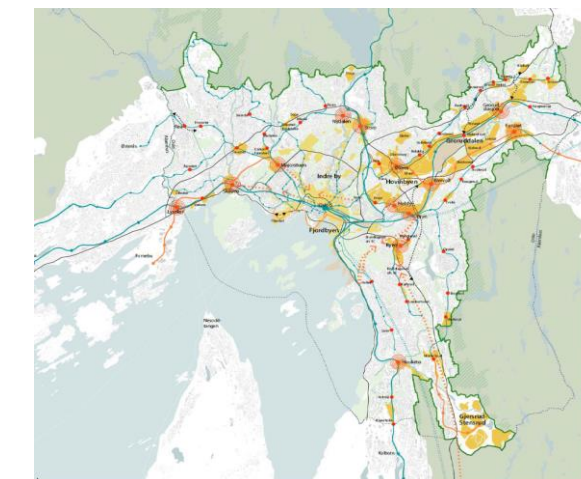
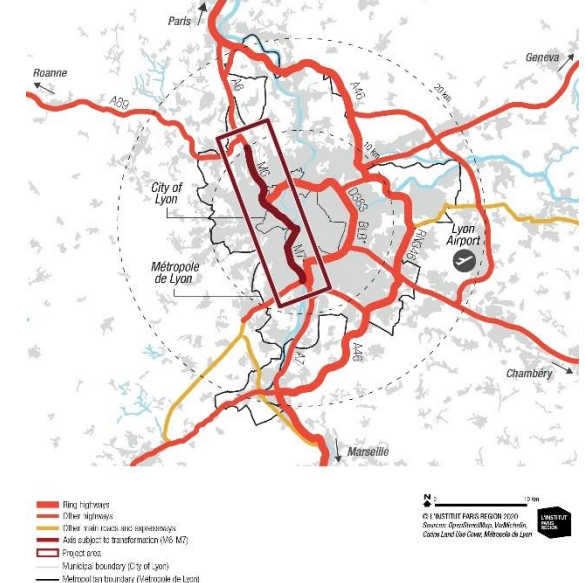
Brussels *Strategic*



Helsinki *Structural*



Lyon *Strategic*



TRANSFORMATIVE STRATEGIES RESEARCH 2020-2022

Brussels
Delta Herrmann-Debroux



© Commune d'Auderghem



© Perspective.brussels/ORG Urbanists

Oslo
Østre Aker vei/Hovinbyen



© City of Oslo



© De Gayardon Bureau

Helsinki
Vihdintie/Huopalahdentie



© City of Helsinki



© City of Helsinki

Lyon
M6/M7 Corridor



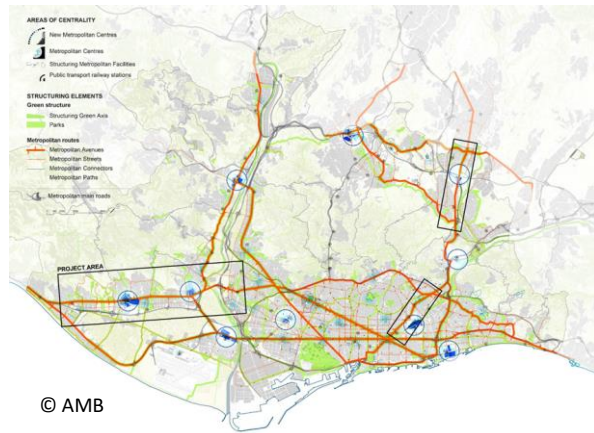
© Perry Tak



© Dumetier Design/Métropole de Lyon

TRANSFORMATIVE STRATEGIES RESEARCH 2022-2023

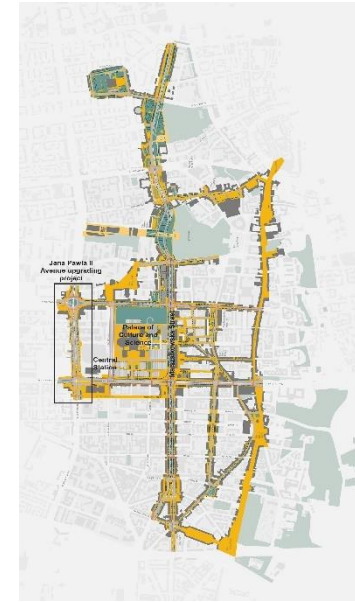
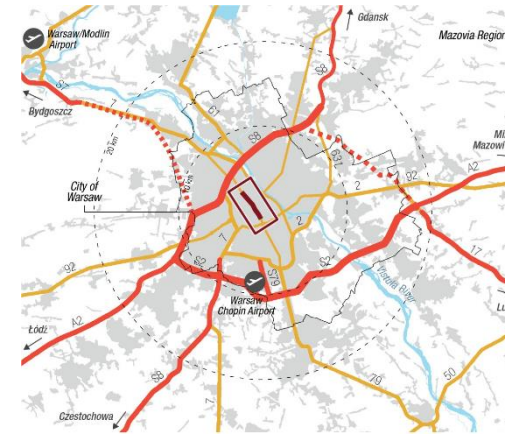
Barcelona *Structural* Metropolitan Avenues



Barcelona Meridiana



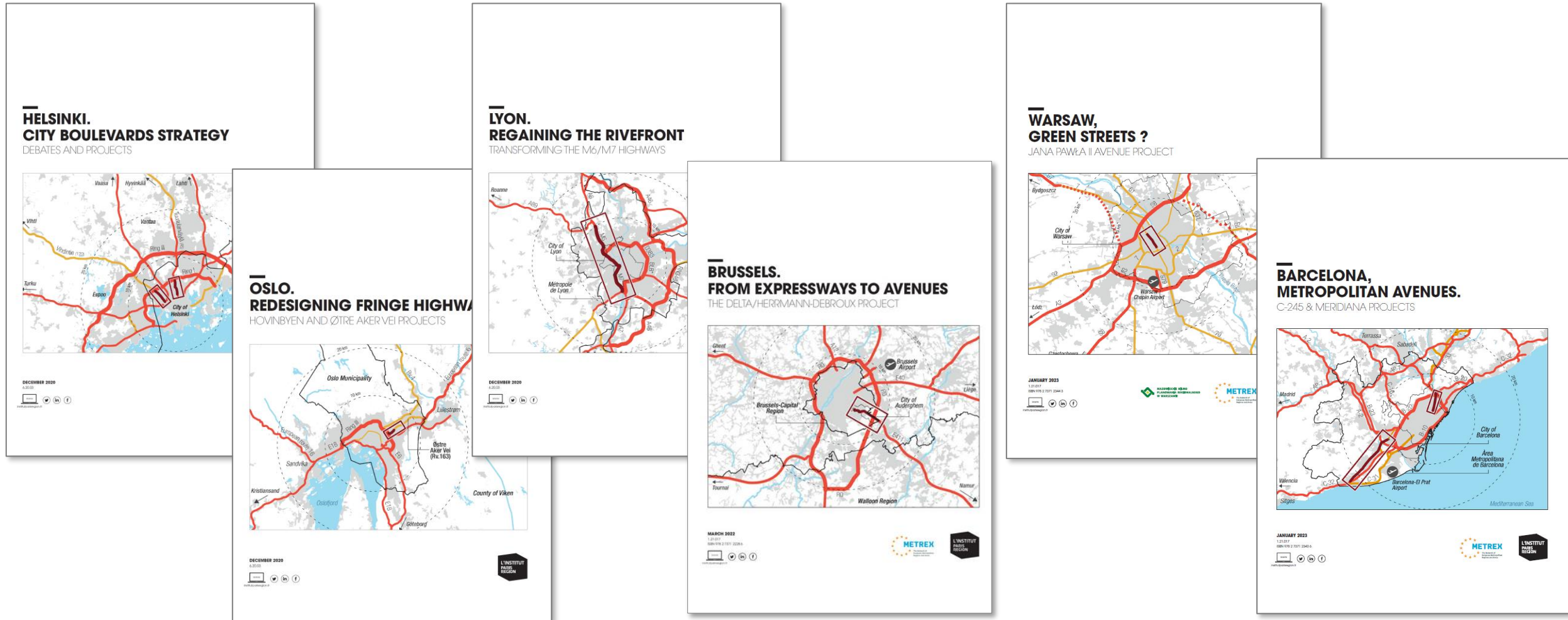
Warsaw *Tactical* Green Streets



Warsaw Green Streets



CASE STUDY REPORTS. HELSINKI, OSLO, LYON, BRUSSELS, WARSAW, BARCELONA



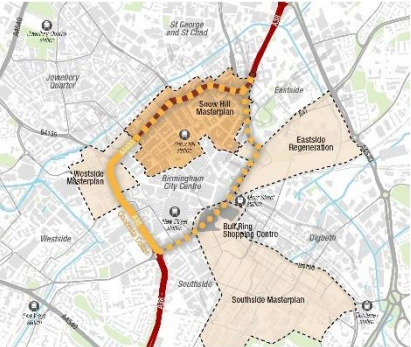
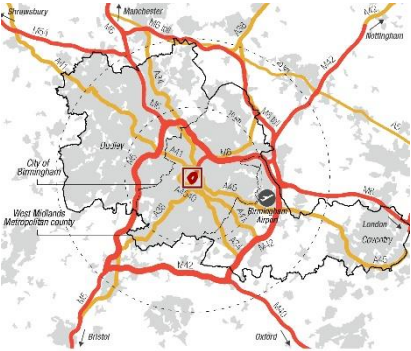
<https://en.institutparisregion.fr/know-how/international/from-expressways-to-boulevards/>

<https://www.eurometrex.org/activities/metrex-expert-groups/from-roads-to-streets/>

TRANSFORMATIVE STRATEGIES OTHER CASES RESEARCHED

Birmingham

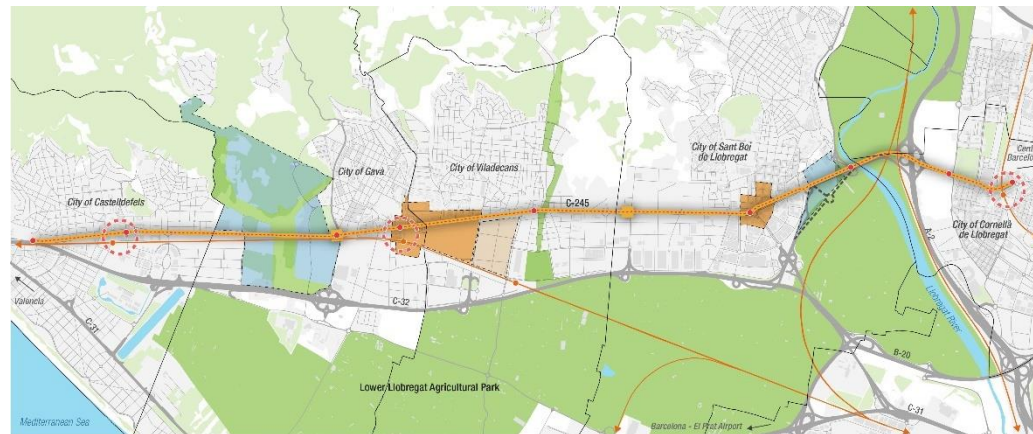
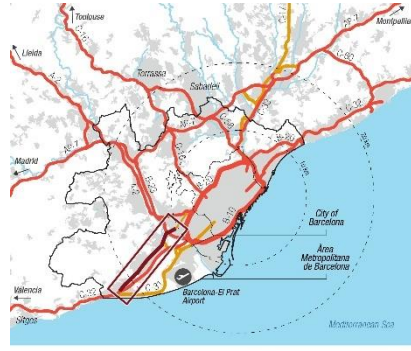
Queensway/Snow Hill



Road section : 1 km

Barcelona Metro Region

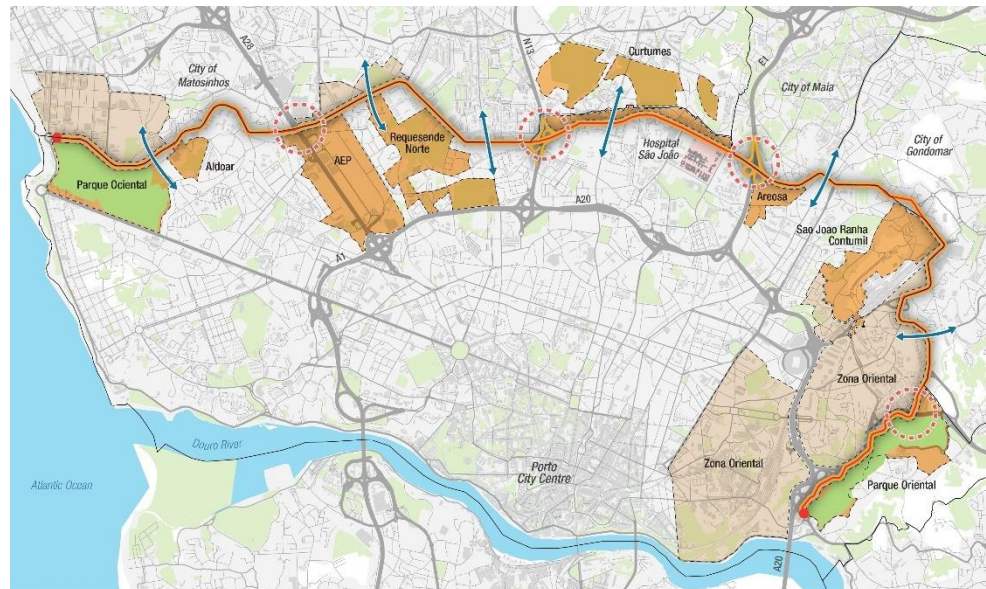
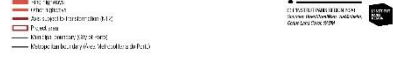
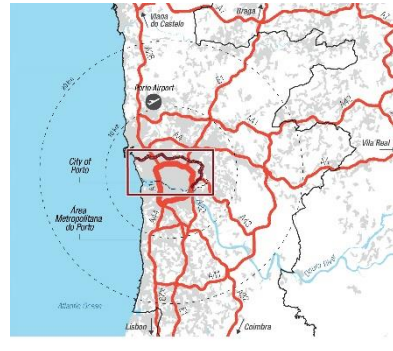
C-245 Road Requalification



Road section : **9 km**

Porto Metro Region

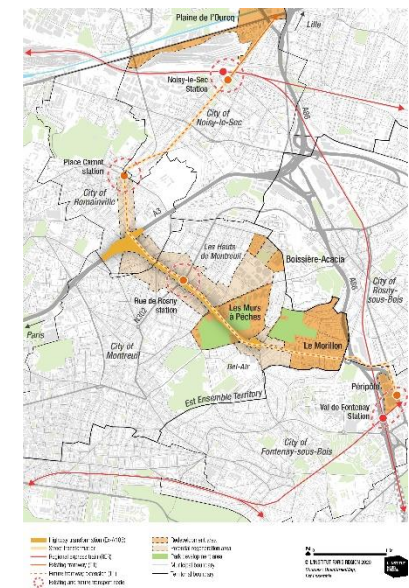
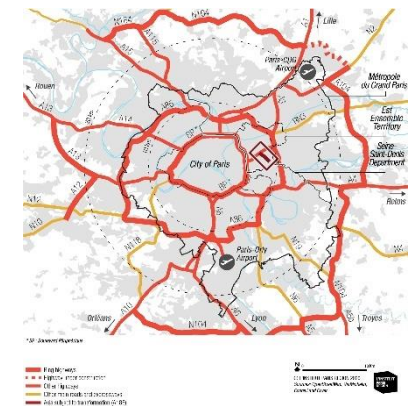
Ring Road N12 Requalification



Road section: 17 km

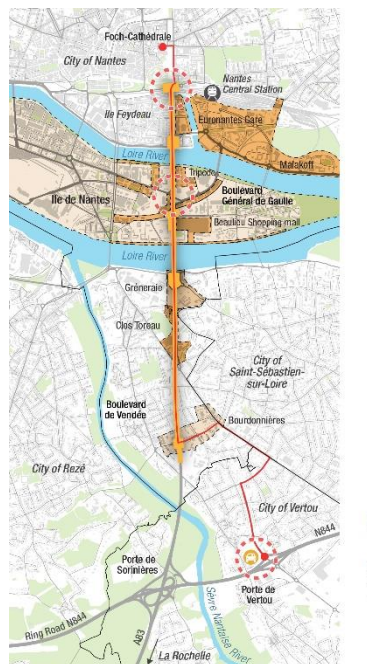
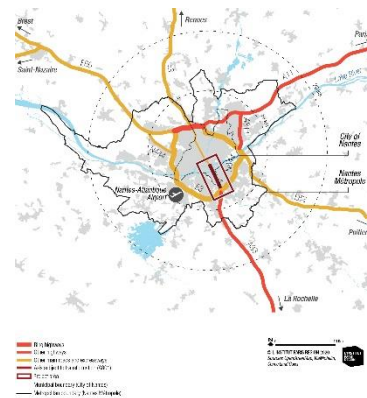
TRANSFORMATIVE STRATEGIES OTHER CASES RESEARCHED

Paris Metro Region
A186/T1



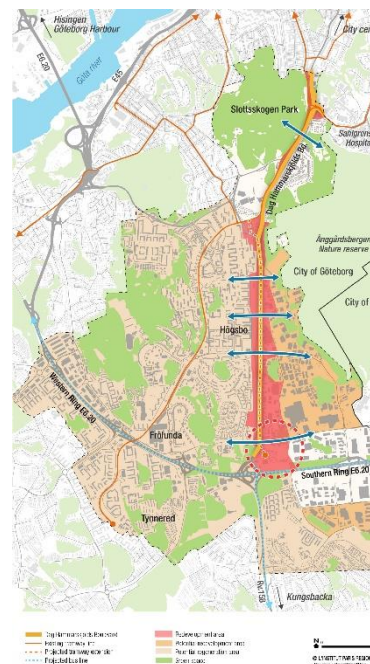
Road section : 2 km

Nantes
A 831/Busway 4



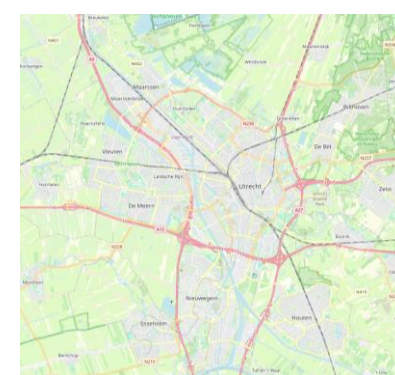
Road section : 4 km

Göteborg
Dag Hammarskjölds Bd



Road section : 5 km

Utrecht
Utrecht Rijnkade



Road section : 2 km

FROM ROADS TO STREETS **LEARNING REPORT 2020-2024**

Why are cities redesigning road infrastructure and how can it be done

Draft Contents to Share Together

Introduction. *From Roads to Streets: A Joint Multi-Network Learning Platform 2020-2024*

1. Back to the Future (Paul + Henk/METREX, Peter/EUROCITIES, Daniel/TFDS)

Where do we come from?

- A Brief Story of the Car- and Highway-Oriented Planning 1960-2000
- Urban Regeneration and the People-Oriented City-Region 2000-2020

Where do we stand today ?

- Space for People and Multimodal Life Patterns in City-Centres, Strong Car-Dependency in the Outer Suburbs
- (Some) Roads act as Barriers to Regeneration and raise Health Issues (Air, Noise, Road Safety,...)
- E-Economy means more Heavy Goods Traffic & Delivery Issues; Multi-Level Governance Issues...

Some Challenges for the Future of our Planet and our Cities to 2050 ?

- Improve Liveability; Reduce Emissions and Urban/Social Fractures; Restore Urban Ecosystems...
- Compact Multicentre City-Regions, Mobility Alternatives, Active Public Space and Buildings...

FROM ROADS TO STREETS **LEARNING REPORT 2020-2024**

2. City Stories: Short Case Studies (1500 and 2000 words long)

#2.1 Urban Project as a Driver

- Oslo, Hovinbyen (Case study writers Mathias Vestgard/City of Oslo)
- Helsinki, City Boulevard Strategy (Case study writer Niklas Aalto/ City of Helsinki/Helsinki Region)

#2.2 Removing Barriers as Opportunities to Redesign Corridors

- Brussels, Herrmann-Debroux (Case study writer Milène Deneubourg/Perspective Brussels)
- Lyon, Rhône River Right Bank (Case study writers Sonia Lavadinho & Clément Bellot/Métropole de Lyon)
- Barcelona, Metropolitan Avenues (Case study writer Joan Caba Roset/Barcelona Metropolitan Area)

#2.3 Public Transport Project as a Transformer

- Paris, A186 Landscaped Tramway Avenue (Case study writer Paul)
- Göteborg, Dag Hammarskjölds Boulevard (Case study writer Staffan Sandberg/Göteborg City/with Region)

#2.4 Reflections on Transforming Functionalist Post-WWII Urban Environments

- Prague, Chlumecka Road (Case study writers Vojtech Benedict/ City of Prague)
- Düsseldorf, Kennedydamm (Case study writers Marie-Luise Coditz, Petra Brander/ City of Dusseldorf)
- Stuttgart, New Urban Space B14 (Case study writer Carolyn zur Brügge)

#2.5 Other Possible City Stories

- Amsterdam (Stephan), Vilnius (Laura, Ruta), Birmingham (Sandeep S.), Utrecht (Henk), Wroslaw (Iza Gazni)

FROM ROADS TO STREETS **LEARNING REPORT 2020-2024**

3. Topics and Issues (illustrated by short 5-6 line city contributions)

#3.0 Comparison: Typology of Roads (function, form, ownership) and Urban Environments, Scale, etc.

#3.1 Building the Case: Traffic Studies; Urban Design & Programme; Scenario Co-Building

#3.2 Decision Making: Sharing Vision, Strategy, Policies and Action Plan

#3.3 Instruments: Planning/Mobility Policies, Frameworks; Competitions; Public Participation; Funding

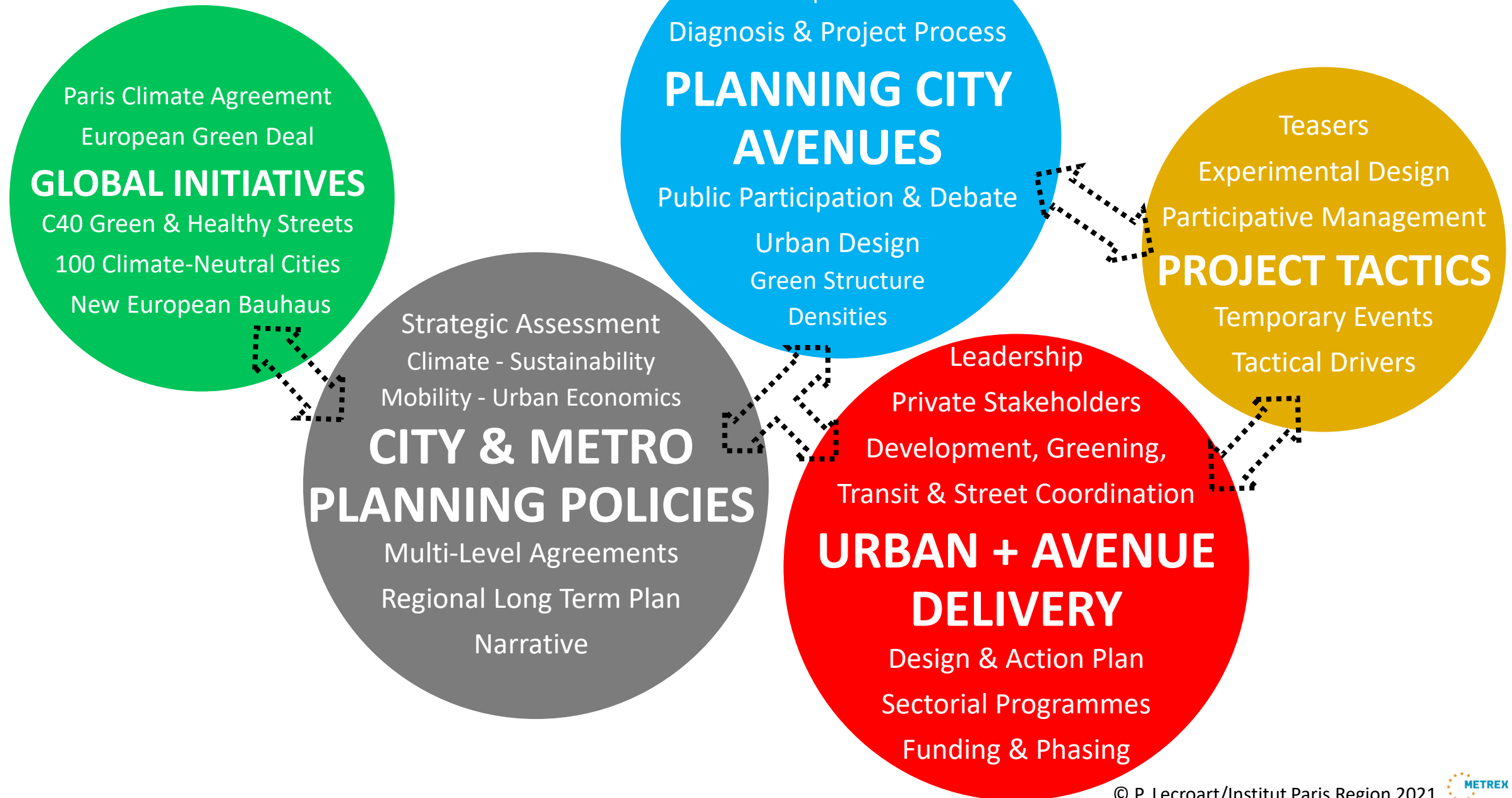
#3.4 Street Design: Multimodal Space Distribution, Connections, Mix-Use, Vegetation, Water,...

#3.5 Tactical Moves: Reducing Speed, Bus-Car Sharing Schemes, Temporary Uses, Re-Use of Infra,...

#3.6 Process Monitoring and Evaluation

#3.7 Other?

VISION, STRATEGY, ACTION !



FROM ROADS TO STREETS **LEARNING REPORT 2020-2024**

4. Lessons and Take-Aways (Contributions welcome !)

Extensive Highway Networks = **Barriers to Sustainable Development**

Highway Change Strategies are **Transformative**

- Helps Restructuring City-Regions: Connectivity, Regeneration, Polycentricity & Green
- Encourage Change of Travel Behaviour: Slow, Multimodal, Car-Light Mobility
- Addresses Issues Related to Climate Change: Pollution, Noise, Emissions, Heat

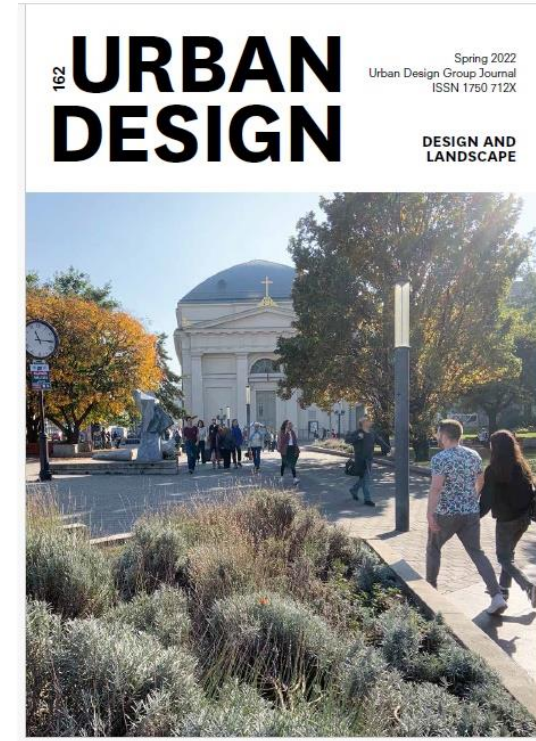
Highway Transformation Strategies **Require Conditions**

- Open Minded Approach **BUILDING A SHARED VISION, SECTORIAL COLLABORATION**
- High Degree of Cooperation **BETWEEN NATIONAL, REGIONAL & CITY GOVERNMENTS**
- Incremental Change for Social Acceptance **CONSISTENT SMALL STEPS > BIG CHANGE**
- Combination of Tools **STRATEGIC LONG-TERM POLICIES & PLANS + TACTICAL ACTIONS**
- Taking Political Risks **BUILDING A DESIRABLE WIN-WIN STORY**
- **NEW INSTRUMENTS AND FUNDING STREAMS ? OTHER LESSONS ?**

FROM ROADS TO STREETS **LEARNING REPORT 2020-2024**

Deadlines

- **15 May:** Contents Consolidated with Contributors
- **15 June:** Draft Articles and 4-5 images to Paul
- **15 July:** Revised Articles with a Draft Layout of Learning Report sent back to contributors
- **25 August:** Finalised Articles and images with captions and credits sent to Paul
- **20 September:** *For Urban Design Magazine* All Case Studies sent by Paul
- **October:** Edits and final layout of both the *From Roads to Street* Learning Report and Urban Design Magazine Topic
- **November-December:** Final proofreading and off to print



CONVERTING HIGHWAYS INTO STREETS OR AVENUES

A KEY COMPONENT OF METROPOLITAN URBAN & GREENING STRATEGIES



Lyon Mermoz Highway to Boulevard Transformation

© Fabian da Costa_Gautier Conquet

- Reducing Physical Segregation of Space
- Land Use Optimisation
- Quality Public Space for All
- Moving People More Efficiently
- Environmental Quality: noise, air quality, cooling...
- Low Carbon Strategies