Paul Lecroart, Institut Paris Region

REGENERATING URBAN HIGHWAY CORRIDORS LIVEABILITY, TRANSITION & RECOVERY
REGENERATING URBAN HIGHWAY CORRIDORS
LIVEABILITY, TRANSITION & RECOVERY

Paul Lecroart, Senior Urbanist
L’Institut Paris Region, Paris Metropolitan Region Planning Agency
LAST CENTURY’S PARADIGM: BUILDING THE CITY AROUND THE CAR

Paris Region, Périphérique and A3 Highway
NEGATIVE EXTERNALITIES
MONOFUNCTIONAL LAND-USE

Paris Region, Orly-Rungis A86

© DRIEA / Gobry
THE MORE HIGHWAYS, THE MORE TRAFFIC

PARIS REGION vs LONDON REGIONS

P-L.Certonze ENSG/Univ. Paris-I IAU 2013
WHAT HAPPENS WHEN YOU TRANSFORM A SEGREGATED HIGHWAY?

HIGHWAY-TO-BOULEVARD INTERNATIONAL CASE STUDIES

www.institutparisregion.fr
LESSONS LEARNT FROM HIGHWAY-TO-BOULEVARD STRATEGIES

#1 Traffic Reduction + Changes Mobility Patterns
#2 Reconnecting Urban Districts Opens New Possibilities
#3 Urban & Social Regeneration
#4 Environmental Benefits
#5 Great Boulevards Make Great Cities
#6 Complex Projects: Political Leadership, Multilevel Governance, Funding
PARIS’ EXPERIENCE

LEFT BANK PEDESTRIANISATION 2013

Before 2012

After 2013

© P. Lecroart Institut Paris Region
PARIS MONTREUIL A186 HIGHWAY REMOVAL 2020
THE FUTURE OF PARIS REGION’ HIGHWAYS
INTERNATIONAL CONSULTATION 2019

Visualisation A15
Highway before/after
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
<table>
<thead>
<tr>
<th>URBAN REGENERATION IN THE CITY FRINGE WORKING GROUP</th>
<th>FROM ROADS TO STREETS EXPERT GROUP</th>
<th>RICONNECT URBACT PROGRAMME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oslo*</td>
<td>Paris Region*</td>
<td>Barcelona AMB*</td>
</tr>
<tr>
<td>Amsterdam</td>
<td>Birmingham</td>
<td>Amsterdam VA</td>
</tr>
<tr>
<td>Brussels</td>
<td>Helsinki</td>
<td>Gdansk-Gdynia GGSMA</td>
</tr>
<tr>
<td>Düsseldorf</td>
<td>Lyon</td>
<td>Krakow KMA</td>
</tr>
<tr>
<td>Gothenburg</td>
<td>Warsaw</td>
<td>Manchester TfGM</td>
</tr>
<tr>
<td>Prag</td>
<td>Nantes ?</td>
<td>Paris MGP</td>
</tr>
<tr>
<td>Utrecht</td>
<td>Other Cities ?</td>
<td>Porto PMA</td>
</tr>
<tr>
<td>Vilnius</td>
<td>International Experts</td>
<td>Thessaloniki MDAT</td>
</tr>
</tbody>
</table>

* Other Cities?
LEARNING FROM ONGOING PROCESSES: A CASE STUDY RESEARCH APPROACH

STRATEGIES: REGION / CORE CITY

Oslo *Tactical*

Brussels *Strategic*

Helsinki *Structural*

Lyon *Strategic*
TRANSFORMATIVE BOULEVARD PROJECTS

Oslo
Østre Aker vei
Road section to be transformed: 1.4 km
Surface area of the regeneration project: 1100 ha

Brussels
Delta Herrmann-Debroux
Road section to be transformed: 5 km
Surface area of the regeneration project: 43.5 ha

Helsinki
Vihdintie/Huopalahdentie
Road section to be transformed: 4 km
Surface area of the regeneration project: 137 ha

Lyon
M6/M7
Road section to be transformed: 18 km

© City of Oslo
© Commune d’Auderghem
© City of Helsinki
© Perry Tak
© De Gayardon Bureau
© Perspective.brussels
© City of Helsinki
© Dumetier Design/Métropole de Lyon
CORRIDOR REGENERATION PROJECTS

Oslo
Østre Aker vei
Road section: 1.4 km
Regeneration project: 1100 ha

Brussels
Delta Herrmann-Debroux
Road section: 5 km
Regeneration project: 43.5 ha

Helsinki
Vihdintie + Tuusulan
Road section: 4 km + 2 km
Regeneration projects: 137 ha + 180 ha

Lyon
M6/M7
Road section: 18 km
Regeneration projects: 270 ha

© City of Oslo
© Perspective.Brussels
© City of Helsinki
© Urbalyon
HELSENKI CITY BOULEVARD STRATEGY

Converting all Radial Expressways into Boulevards

City Master Plan 2018: 1/3 of Urban Growth to 2050
HELSINKI CITY BOULEVARD STRATEGY

Two ongoing pilot-projects = high intensification potential + green corridors issues

Vihdintie-Huopalahdentie Boulevard (137 ha)  
Tuusulan Boulevard (180 hectares)
TRANSFORMATIVE STRATEGIES STUDY ONGOING 2021-22

Birmingham
Queensway/Snow Hill
C-245 Road Requalification

Barcelona Metro Region
C-245 Road Requalification

Porto Metro Region
Ring Road N12 Requalification
TRANSFORMATIVE STRATEGIES STUDY ONGOING 2021-22

Göteborg
Dag Hammarskjölds Bd

Warsaw
John Paul II Alley

Paris Metro Region
A186/T1

Prague
Chlumecka Way
TRANSFORMATIVE STRATEGIES REPORTS 2020-21

From Expressways to Boulevards

Converting Highways, Rethinking Cities

Coming Soon!
MULTI-LEVEL ANALYSIS

GLOBAL INITIATIVES
- Paris Climate Agreement
- European Green Deal
- C40 Green & Healthy Streets
- 100 Climate-Neutral Cities
- New European Bauhaus

BOULEVARD STRATEGIES
- Case-Building
- Strategic Assessment
- Climate - Sustainability
- Mobility - Urban Economics
- Multi-Level Agreements
- Regional Long Term Plan
- Narrative

BOULEVARD PLANNING
- Land-Use
- & Transport Studies
- Diagnosis & Project Process
- Public Participation & Debate
- Urban Design
- Green Structure
- Densities

BOULEVARD DELIVERY
- Leadership
- Private Stakeholders
- Transit, Road & Development Coordination
- Detailed Planning & Design
- Funding & Phasing

PROJECT TACTICS
- Teasers
- Experimental Design
- Participative Management
- In-Between Urbanism
- Tactical Drivers

© P. Lecroart/Institut Paris Region 2021
CONVERTING HIGHWAYS INTO BOULEVARDS
A KEY COMPONENT OF A GREEN & SOCIAL RECOVERY AGENDA?

- Urban Intensification
- Mix-Use Quality Public Space
- Moving People Better
- Climate & Ecological Transition
- Social Regeneration
- Tactical Moves to Start Process

Paris Region, Post-Covid Bike Lane on Main Road
Senate Considering $10B for Highway Removal

By Kea Wilson | Jan 11, 2021

Cities might soon get federal money to tear down inner-city highways that federal dollars built in the first place — and use that money to reinvest in communities of color that those highways destroyed.

Shortly before the holiday recess, then-Senate minority leader Chuck Schumer and a coalition of 25 Democratic senators introduced a $435 billion economic justice bill called S5065 that included a $10-billion pilot program aimed at helping communities tear down urban highways, rebuild the surrounding neighborhoods with the needs of underserved communities in mind. The Restoring Neighborhoods and Strengthening Communities Program — known among advocates as the "Highways to Boulevards" initiative — would only be available for projects located in regions with a high concentration of low income residents or residents of color.

Streets Blog, Jan 11, 2021
BASQUE COUNTRY AND BILBAO
WELCOME TO JOIN!

Bilbao Sabino Arana Highway / Avenue
THANK YOU!
paul.lecroart@institutparisregion.fr