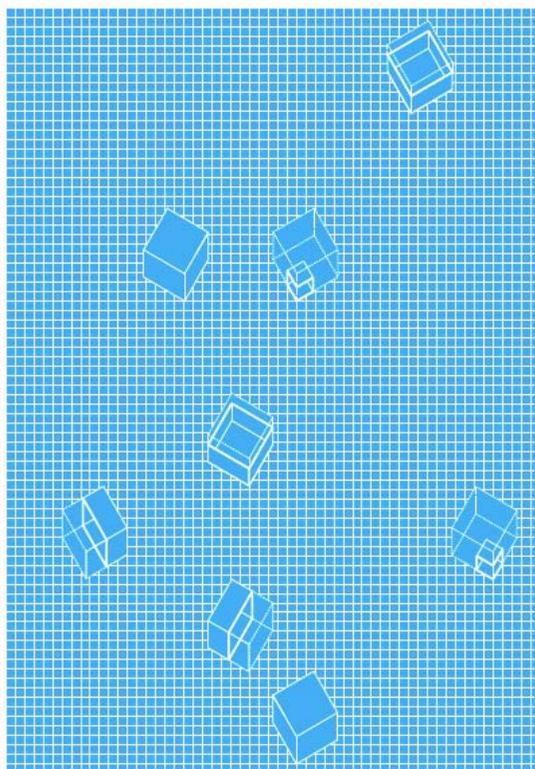


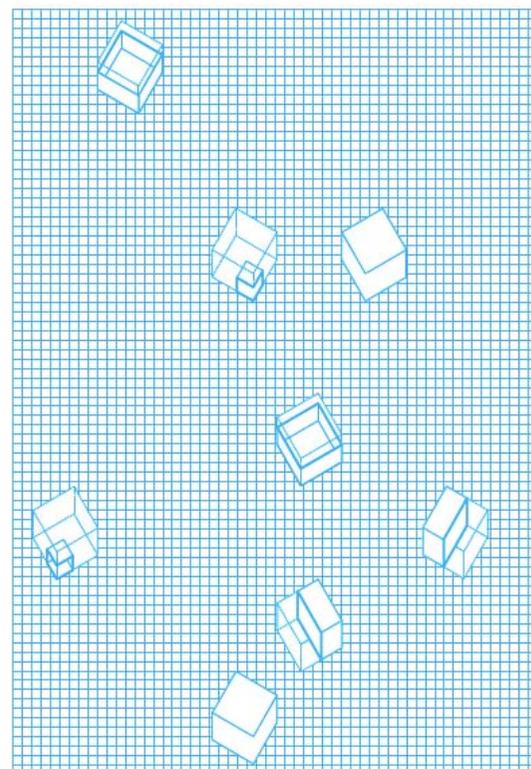
Benoit Moritz (professeur ordinaire ULB)
Jens Aerts (gastprofessor VUB)

END
OF LINE

COMBINING HOUSING,
FACILITIES AND TRANSPORT
INFRASTRUCTURE IN BRUSSELS



END
OF LINE
COMBINING HOUSING, FACILITIES AND
TRANSPORT INFRASTRUCTURE IN BRUSSELS



  LABORATORY
URBANISM
INFRASTRUCTURE
ECOLOGIES    

MAKING PLACE FOR
INDUSTRY, LOGISTICS
AND WHOLESALE
IN BRUSSELS

RE: WORK BRUSSELS MASTER CLASS

OCT 29 > NOV 9 2012

L O LABORATORY
U URBANISM
I S INFRASTRUCTURE
E ECOLOGIES

STeR*
Stedenbouw en
Ruimtelijke
Planning

ULB Faculté
d'Architecture
La Cambre Horta

COSMOPOLIS
city, culture & society

 Vrije
Universiteit
Brussel



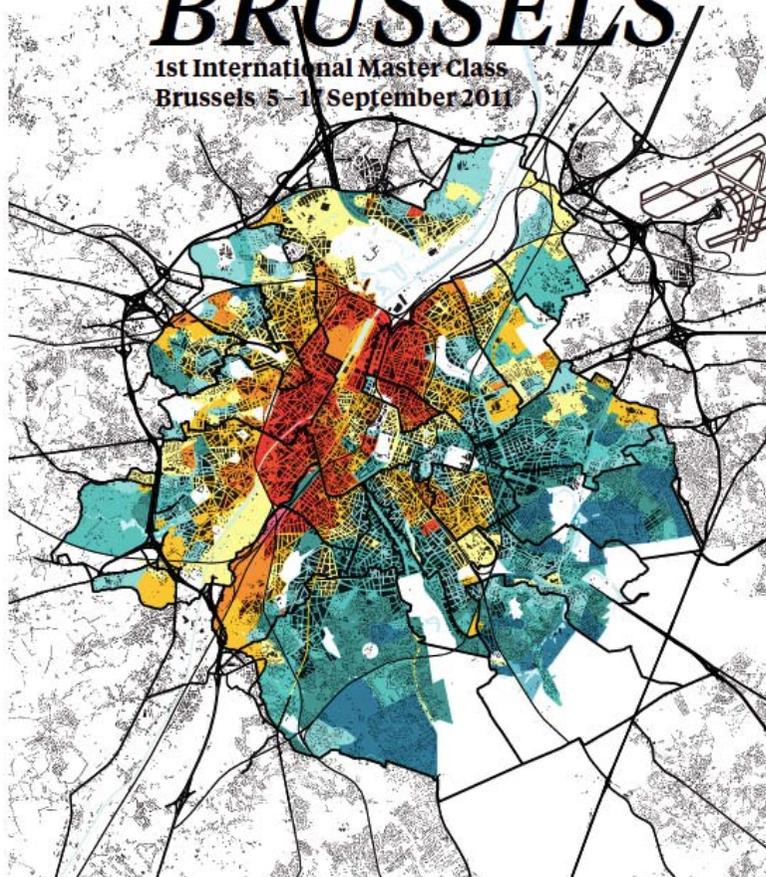
RÉGION DE
BRUXELLES-
CAPITALE

BRUSSELS
HOOFDSTEDELIJK
GEWEST



120% **BRUSSELS**

1st International Master Class
Brussels 5 - 11 September 2011



AW

ARCHITECTURE WORKROOM
BRUSSELS

COMBINING HOUSING,
FACILITIES AND
TRANSPORT INFRASTRUCTURE
IN BRUSSELS

END OF

LINE

BRUSSELS

MASTER CLASS 2013

OCT. 28 - NOV. 8

Research by design on Brussels

VUB and ULB join forces as Brussels university network

City = networks of mobility, water, energy, material ...

Study case : Metropolitan Region (Brussels)

Process: metropolization, decentralization, self-management, resilience

L O LABORATORY
U URBANISM
I S INFRASTRUCTURE
E ECOLOGIES

ULB Faculté
d'Architecture
La Cambre Horta

STeR*
Stedenbouw en
Ruimtelijke
Planning

COSMOPOLIS
city, culture & society

 Vrije
Universiteit
Brussel

End Of Line

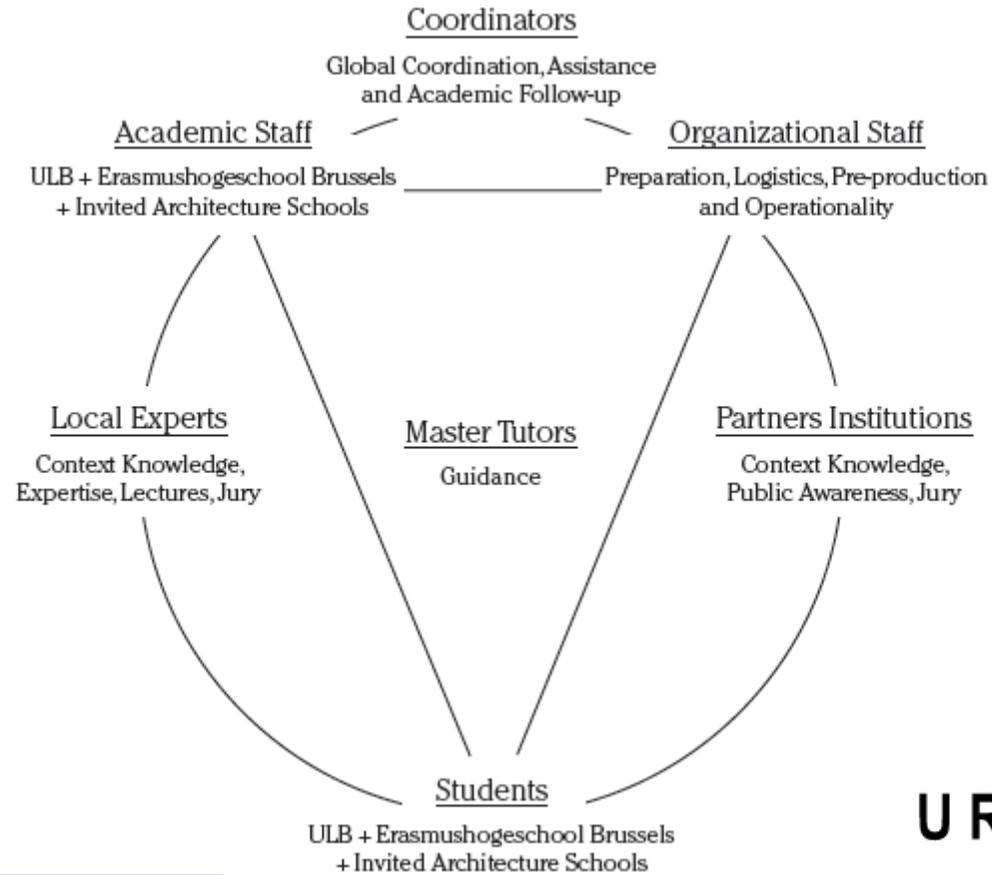
2012 : 349 million journey

2016: 400 million journey

2025 : 550 million journey

> Proliferation of rolling stock and subsequent need for storage

Masterclass



URA

YVES

MALYSSE

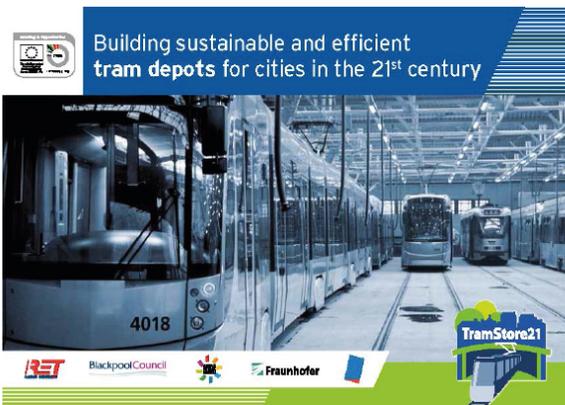
KIKI

VERBEECK

STIB: Permis d'environnement du dépôt Marconi annulé

PA. D. Publié le mardi 20 mai 2014 à 17h12 - Mis à jour le mardi 20 mai 2014 à 17h20





TRAMSTORE 21 _ LA PUBLICATION



BOULEVARD JORDAN_Paris_ ARCHITECTES : SERADJI, COMBAREL, LAPIERRE



TRANSFORMATION D'UNE INFRASTRUCTURE INDUSTRIELLE À PARIS 20ÈME_ ARCHITECTE : BRIGITTE MÉTRA

Dépôt de tram Jules Ladoumègue Paris
Arch. D.Feichtinger - RATP



This Master Class was held from October 28th until November 8th 2013, organised by Louise (Laboratory for Urbanism, Infrastructure and Ecologies, Faculté d'Architecture de l'ULB) and Cosmopolis (Centre of Urban Research, VUB) with the support of the Secretary of State in charge of urbanism for the Brussels-Capital Region.

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Nadia Casabella
Louise – ULB
Cosmopolis – VUB
Philippe De Clerck
Louise – ULB
Geoffrey Grulois
Louise – ULB
Géry Leloutre
Louise – ULB
Judith le Maire
Louise – ULB
Sarah Levy
Louise – ULB
Benoit Moritz
Louise – ULB
Marco Ranzato
Louise – ULB
Michael Ryckewaert
Cosmopolis – VUB
Philip Stessens
Cosmopolis – VUB
BATir – ULB
Yannick Vanhaelen
Louise – ULB

Organisation

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Philippe De Clerck
Geoffrey Grulois
Benoit Moritz
Michael Ryckewaert
Philip Stessens

Master Tutors

Yves Malysse – URA
Federico Parolotto – Mobility In Chain

Guest Tutors

Susanne Eliasson – GRAU
Lars Lerup – RICE

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Geoffrey Grulois – ULB
Géry Leloutre – ULB
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Jorge Perea – ETSAB
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Michael Ryckewaert – ULB
Maria Chiara Tosi – IUAV
Yannick Vanhaelen – ULB
Ward Verbakel – KUL
Hao Wang – Tongji University

Brussels Universities

Université libre de Bruxelles
Vrije Universiteit Brussel

Invited Universities

ENSAP Lille – FR
ETSAB Barcelona – ES
Tongji University – CN
Università IUAV di Venezia – IT
KU Leuven – BE

Participants

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Niels Biesemans
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Lucas Brusco
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Su Zongyi

Jury

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Joachim Bergerhoff
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Yves Malysse
Benoit Moritz
Veronique Patteeuw
Marco Ranzato
Michael Ryckewaert
Maria Chiara Tosi
Kiki Verbeeck
Ward Verbakel
Hao Wang



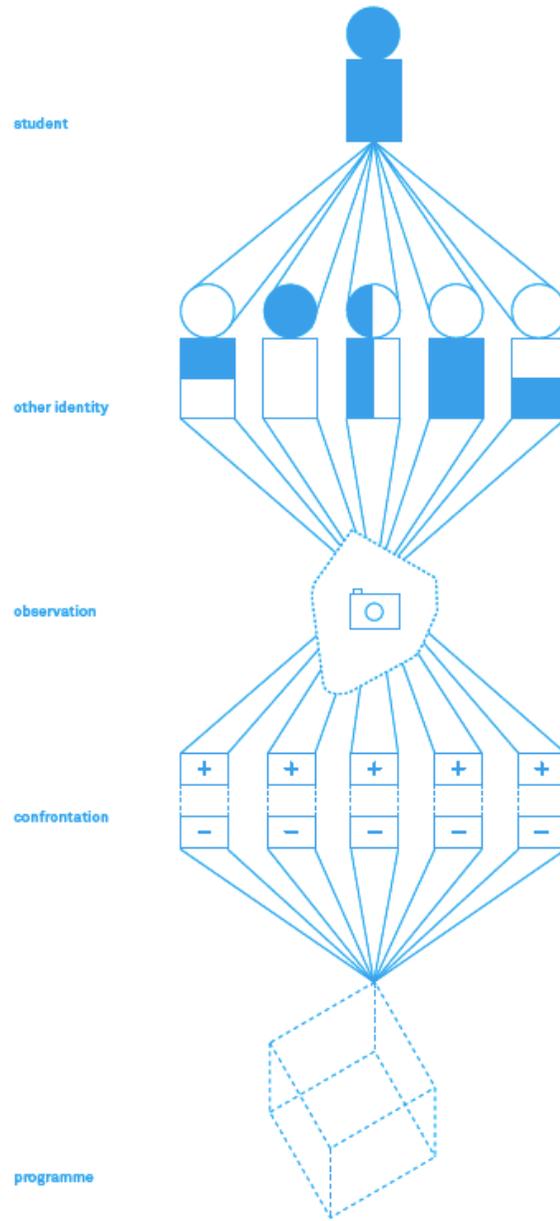








Methodology



Methodology

FROM CONFRONTATION TO INTERACTION



plan



section



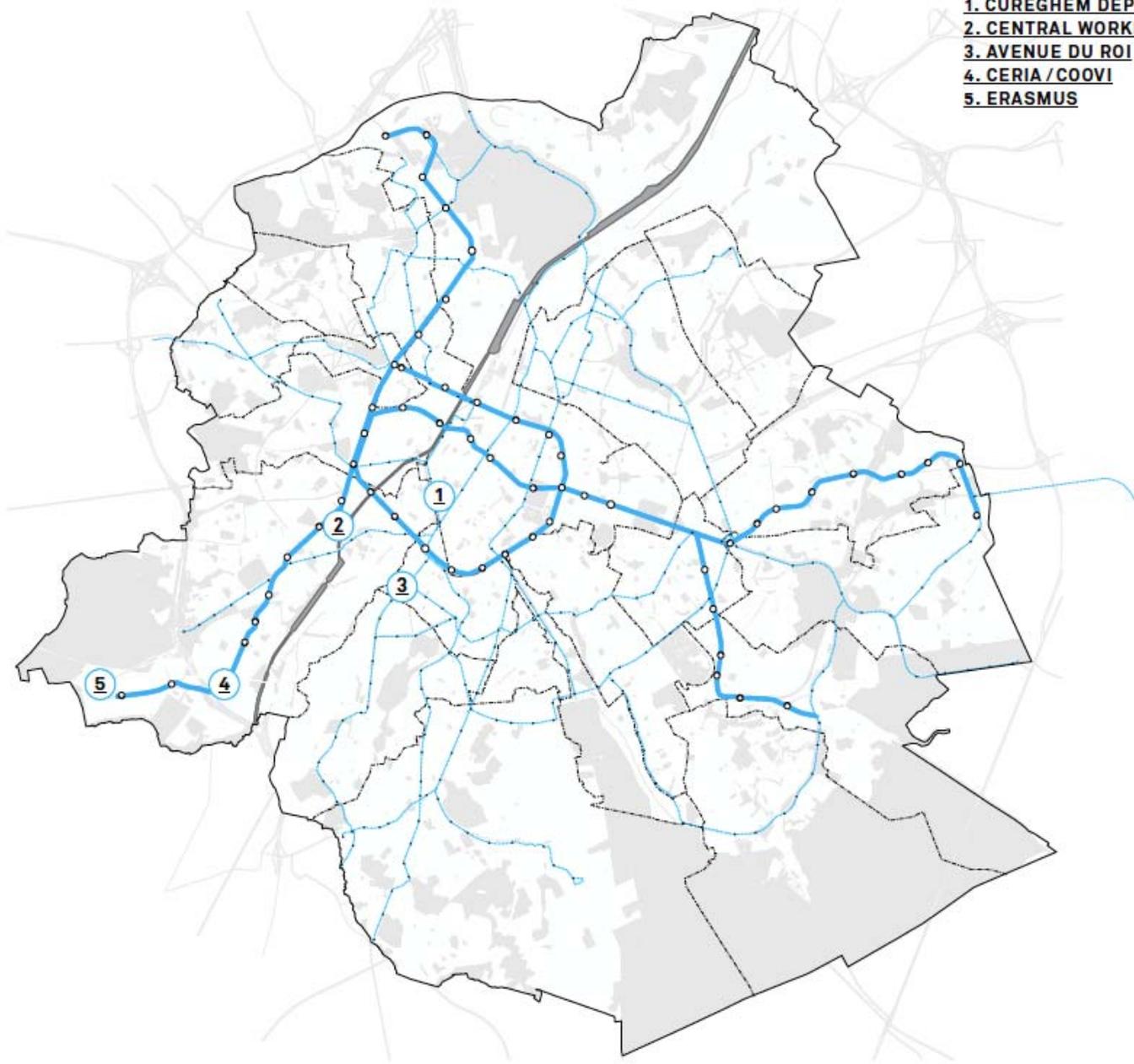
axonometry



model 1:20

5 Sites with a common challenge

- 1. CUREGHEM DEPOT**
- 2. CENTRAL WORKPLACE**
- 3. AVENUE DU ROI**
- 4. CERIA / COOVI**
- 5. ERASMUS**

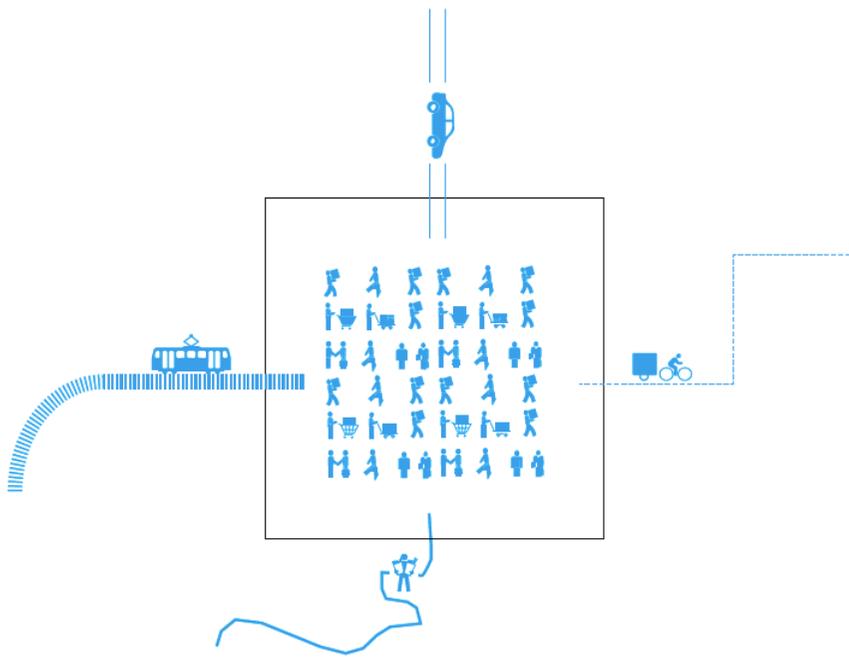


I Cureghem



GROUP A:

A FLEXIBLE
CROSSING MACHINE

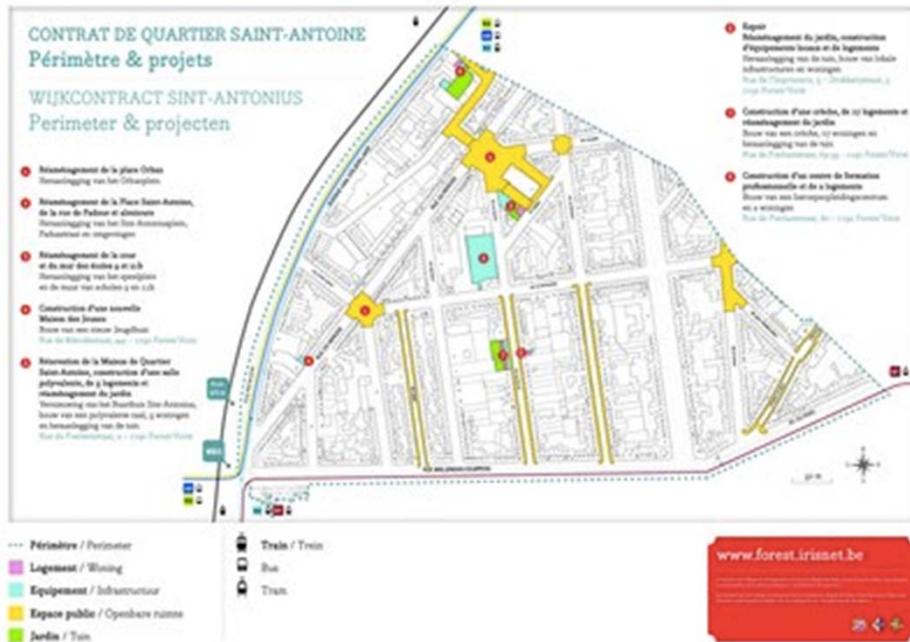




II Saint-Gilles – Forest



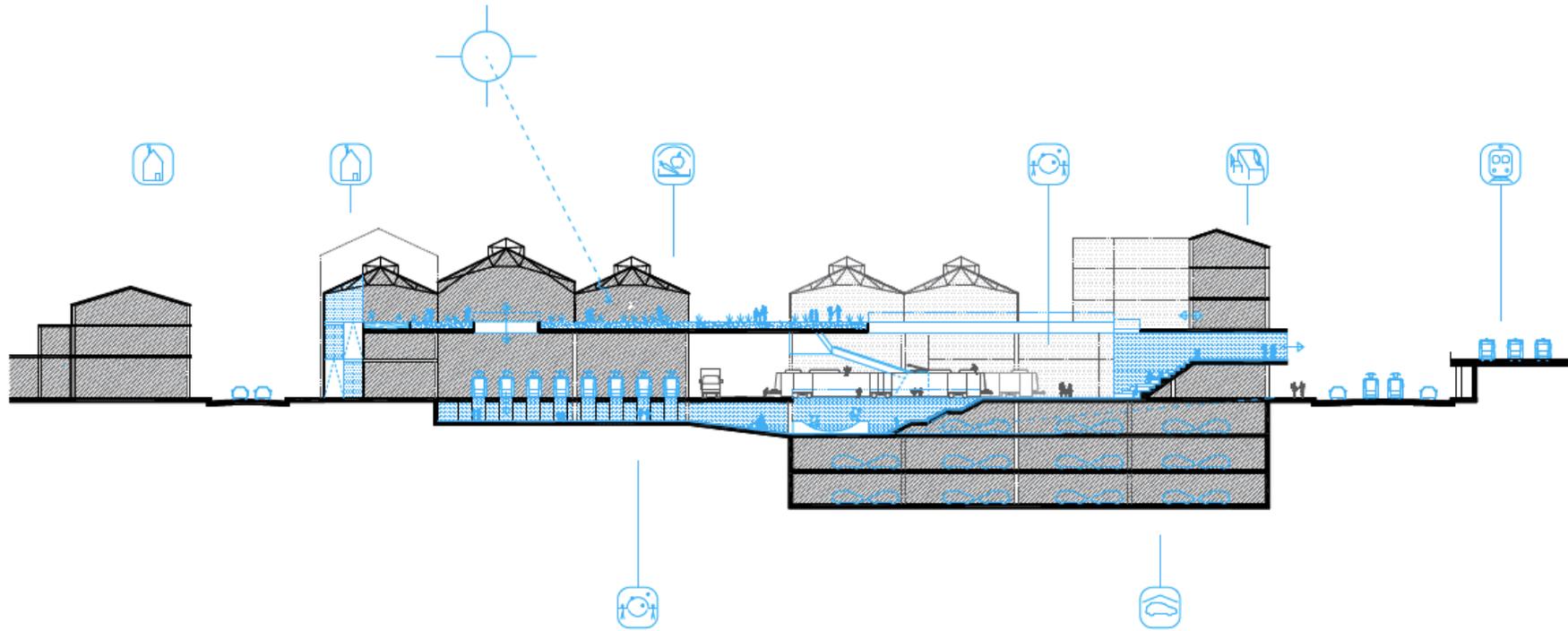
II Saint-Gilles – Forest



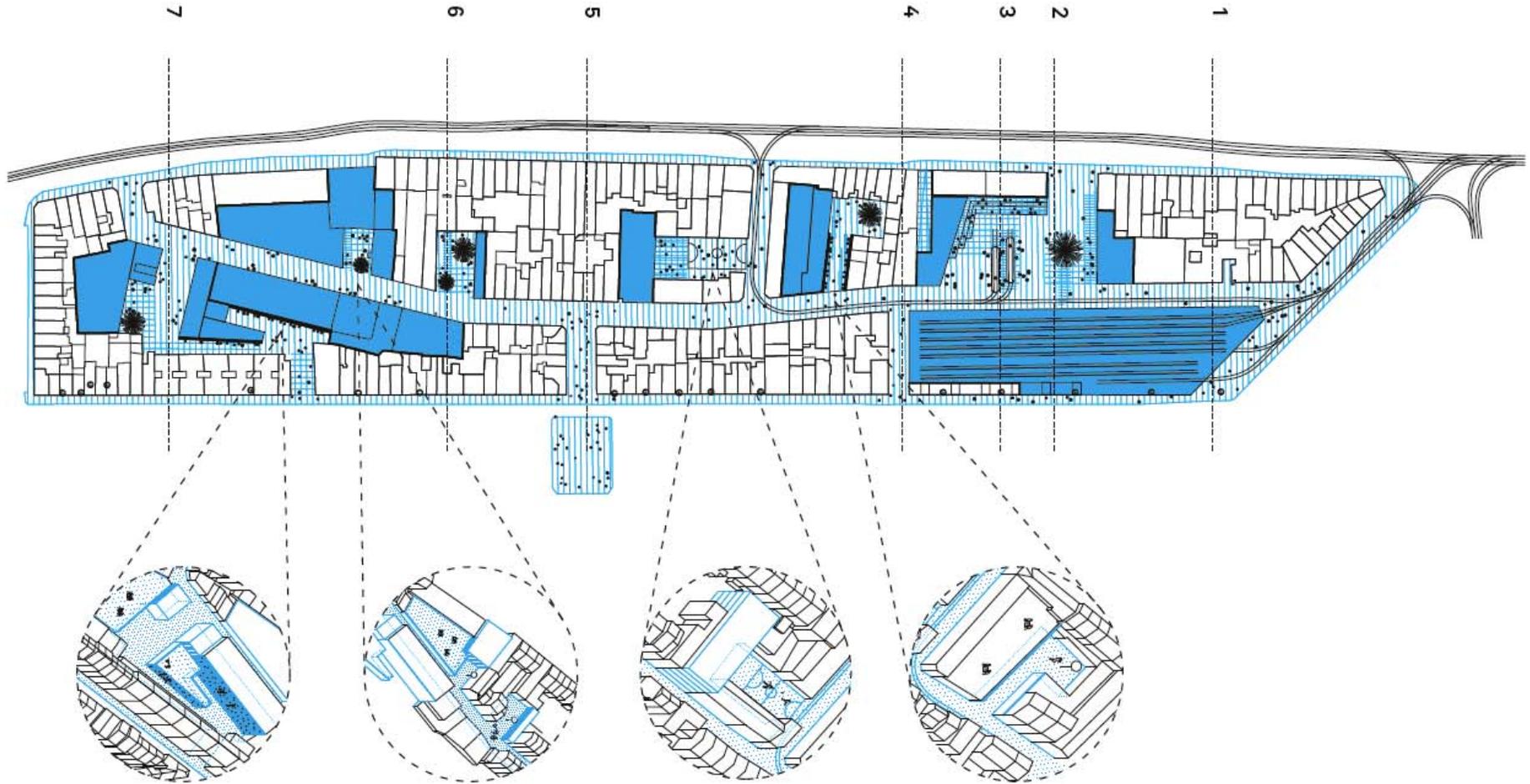
GROUP A:

THE OUTSIDE INTERIOR

Proposal



Proposal





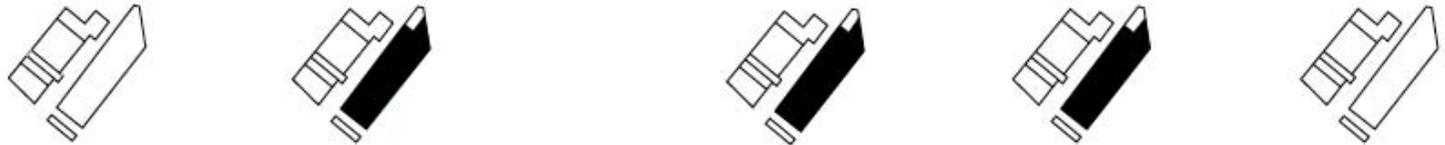
GROUP B:

THE SHARED MILE

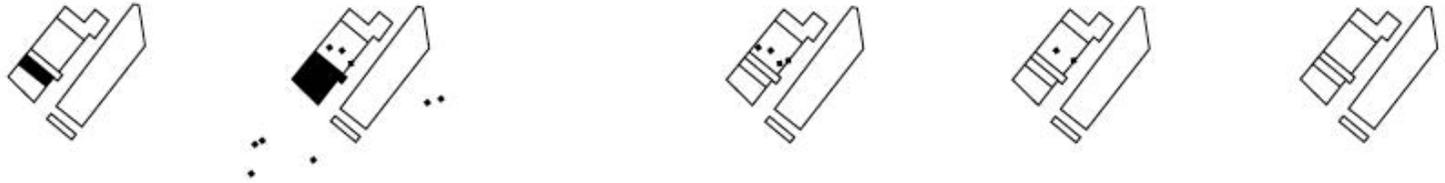


04:00 05:00 06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00 01:00

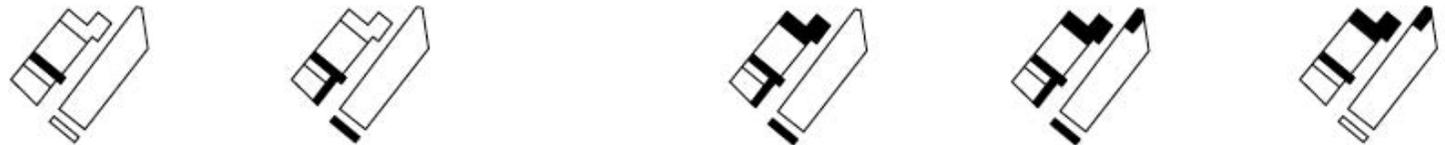
DEPOT



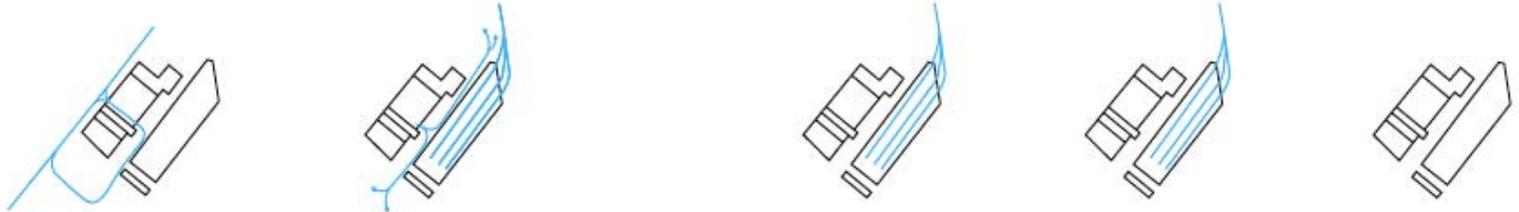
GOODS
storage
distribution
selling



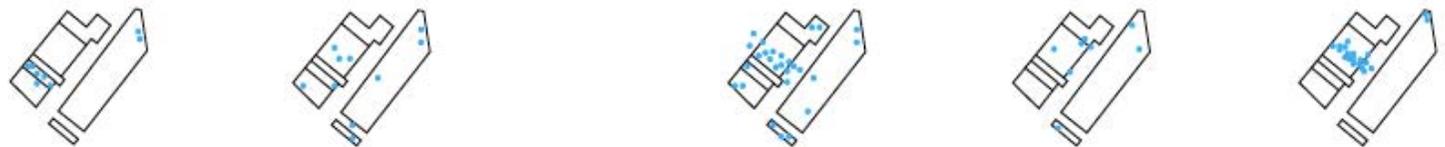
INTERMEDIATE
FUNCTIONS
cultural center
office
education
functional box

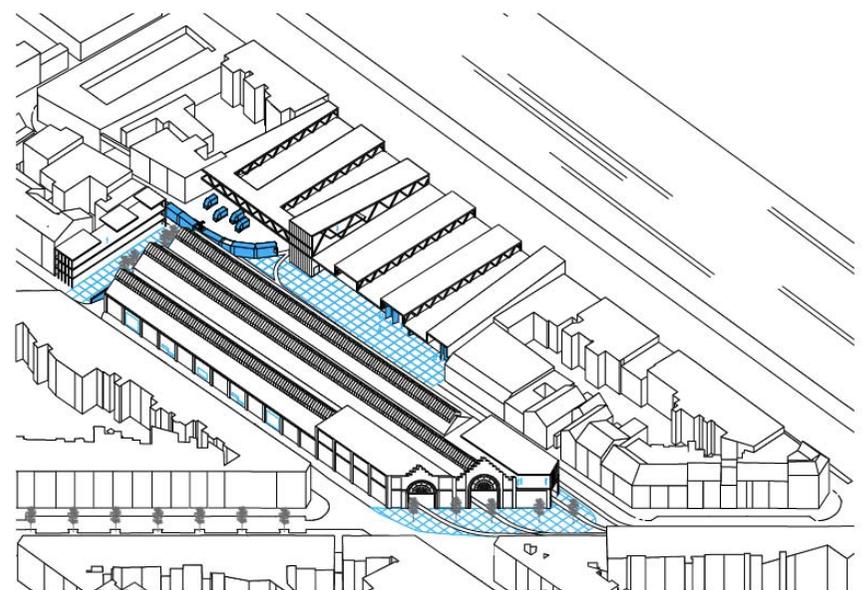
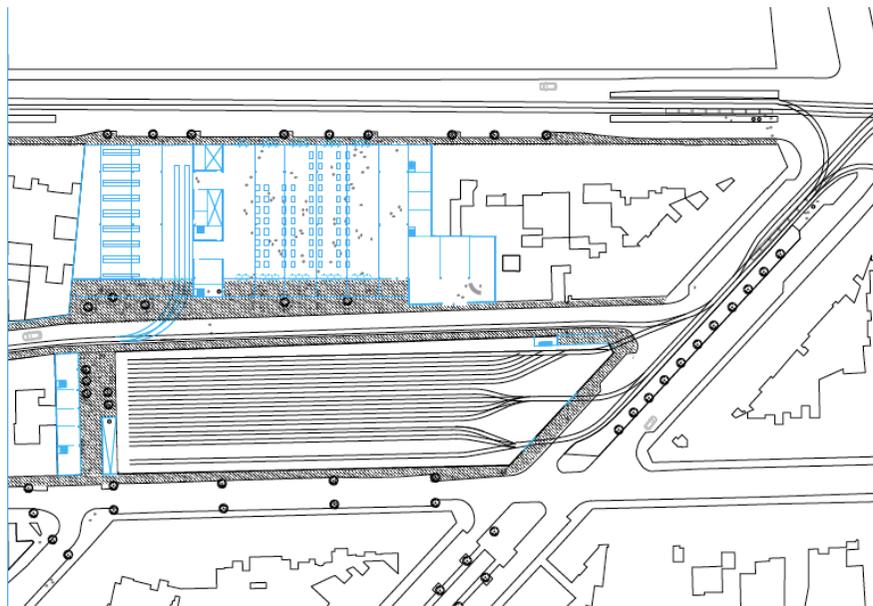
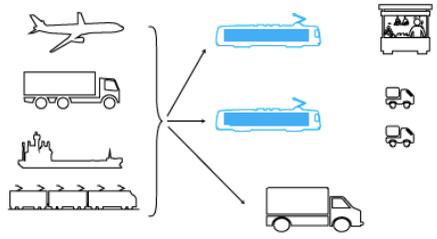


FLows
tram
delivery



FLows
human

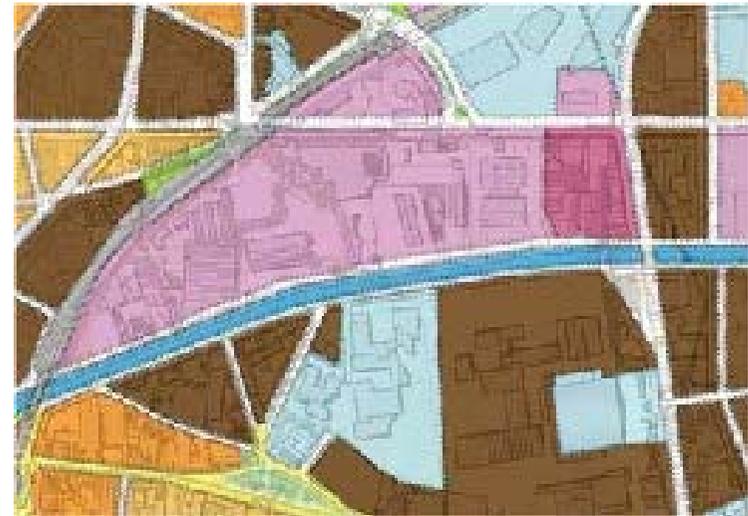




III Quai Demets

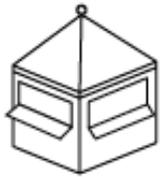


III Quai Demets



GROUP A:
STITCHING WITH CATALYSTS

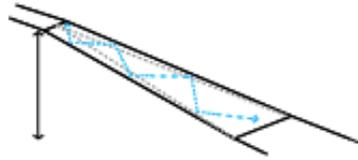
GROUP A: STITCHING WITH CATALYSTS



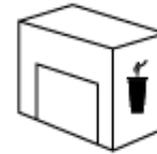
kiosk



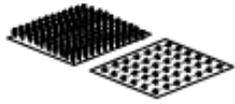
wifi spot



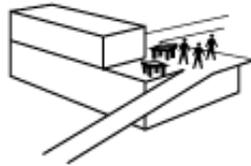
slope



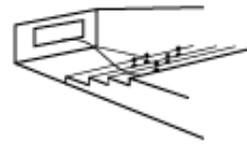
take-away



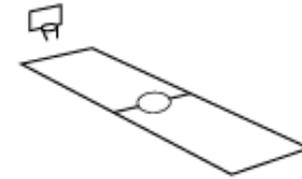
gardens



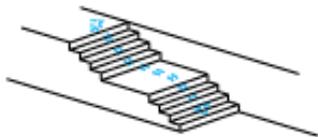
bar



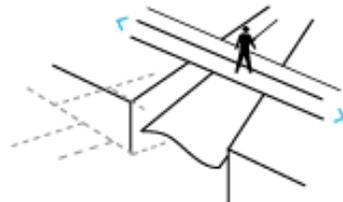
cinema



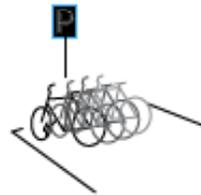
basketball field



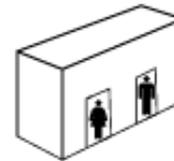
stairs



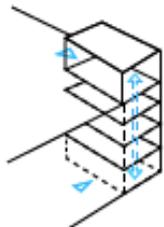
bridge



bike spot



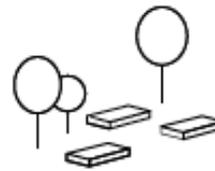
toilets



elevator



roof



benches



kindergarten

Scenario

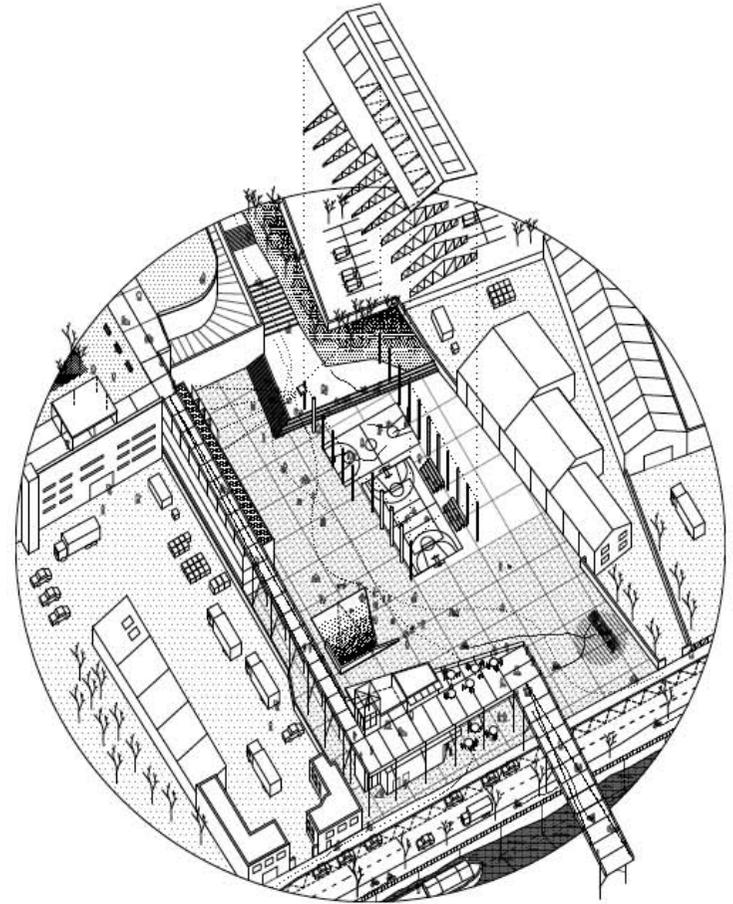
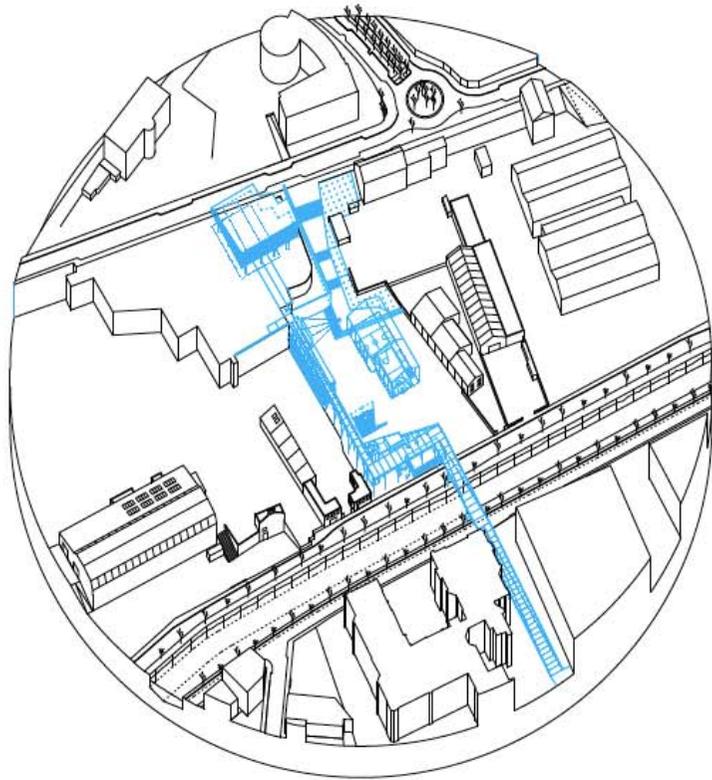


OLD PROGRAM

1. MIVB / STIB
2. Nescafé 1
3. Nescafé 2
3. Vivaqua
5. existing structure
6. Erasmus University
7. CVO adult education
8. slaughterhouse
9. bending tracks factory
10. packaging workshop for social & disadvantaged workers
11. church cluster
12. COOP

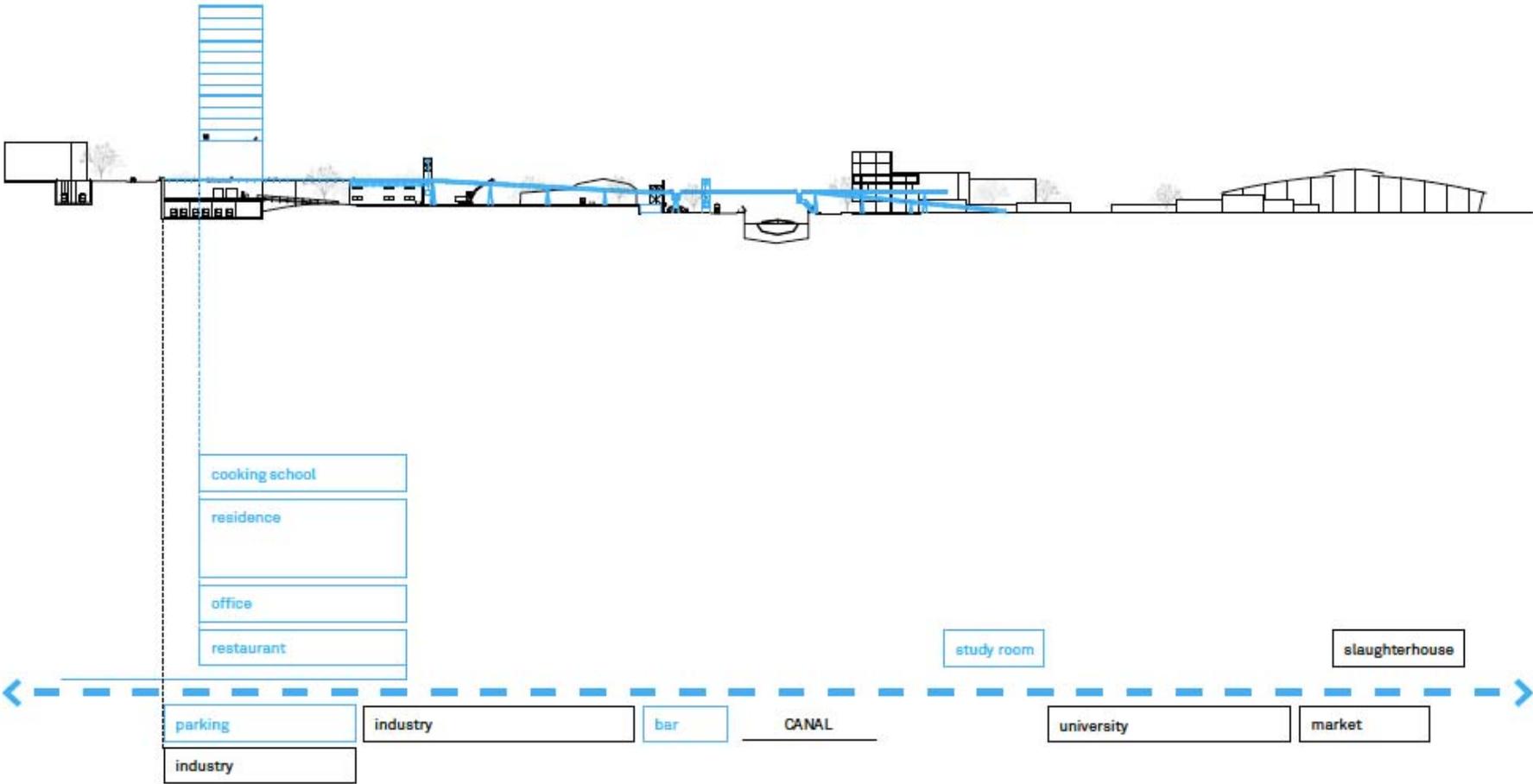
NEW PROGRAM

1. library & co-working space
2. basketball fields
3. playgrounds
4. free WiFi
5. outside cinema
6. public toilets
7. coffee take-away
8. bike spots
9. bar
10. kindergarten
11. kiosk
12. small garden

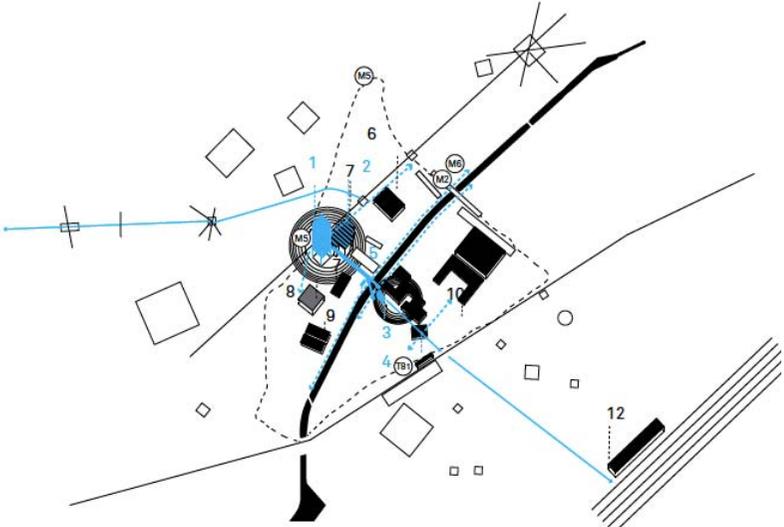


GROUP B:
OVERCROSSING

Proposition



Proposition

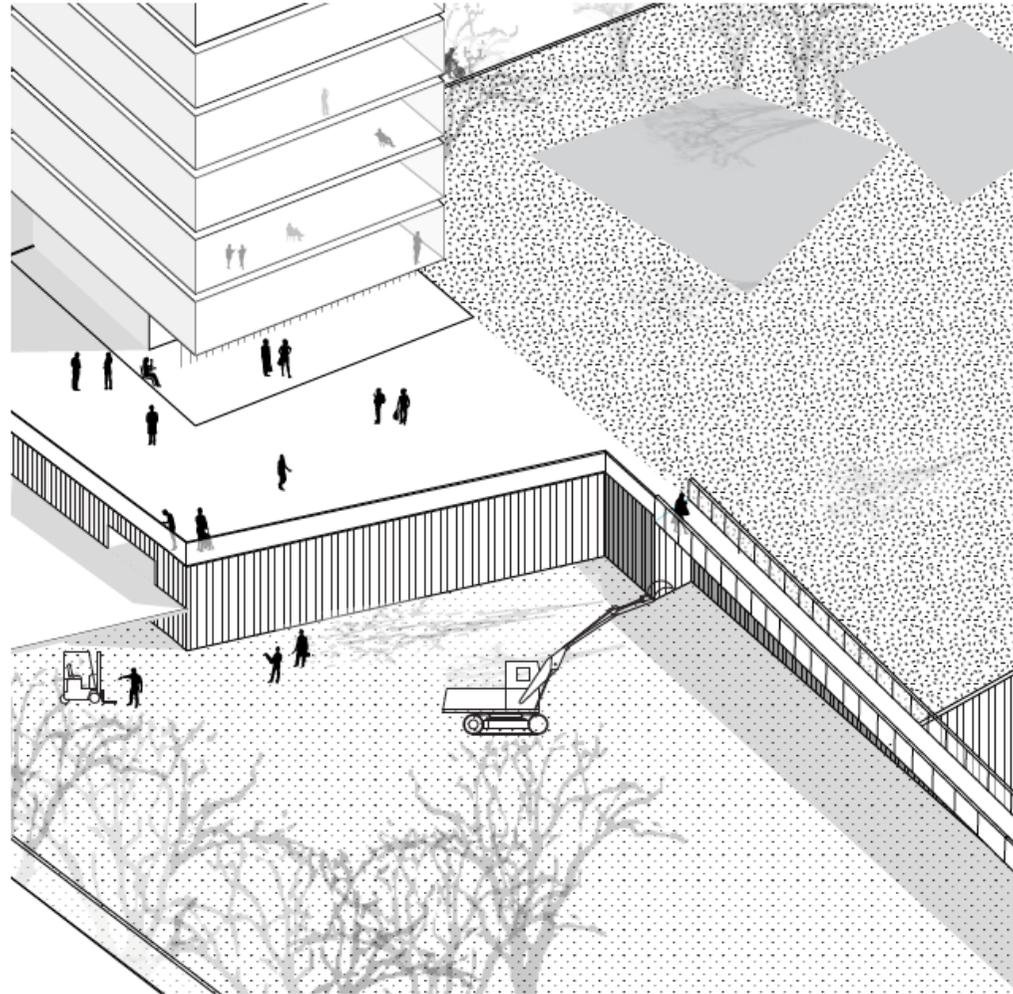


- 1. residential
- offices
- parking
- 2. playgrounds
- 3. study room
- 4. ephemeral market
- 5. bar

- 6. economical
- 7. industrial
- 8. church cluster
- 9. museum
- 10. market
- 11. university
- 12. Midi Station



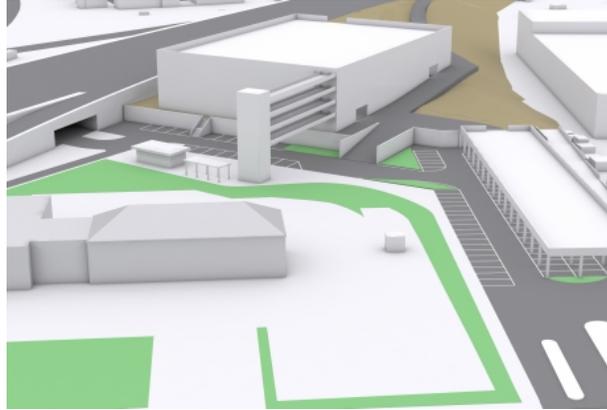
Proposition



IV CERIA - COOVI

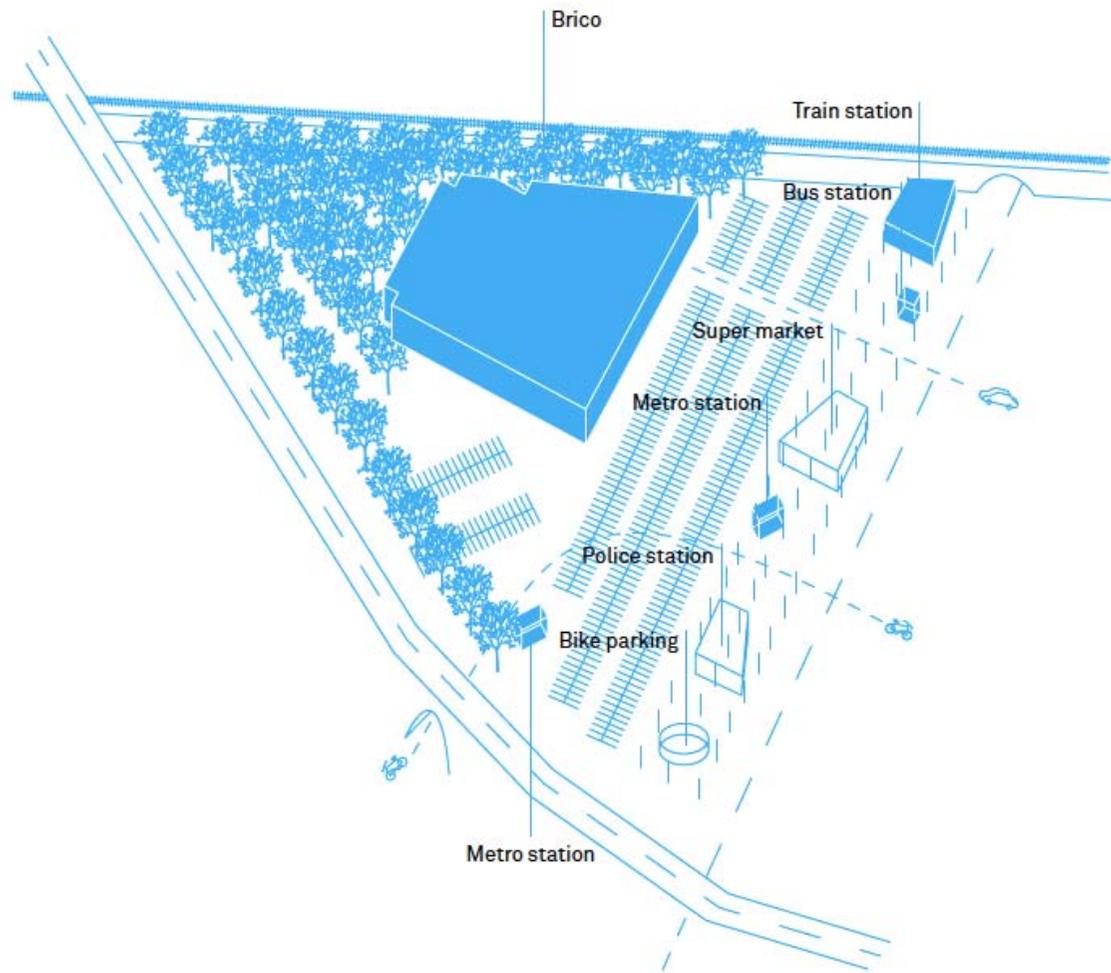


IV CERIA - COOVI



GROUP A:

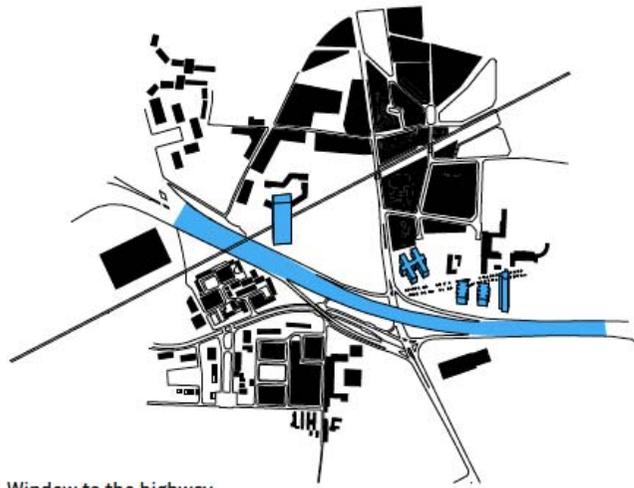
PLATFORM AND CANOPY



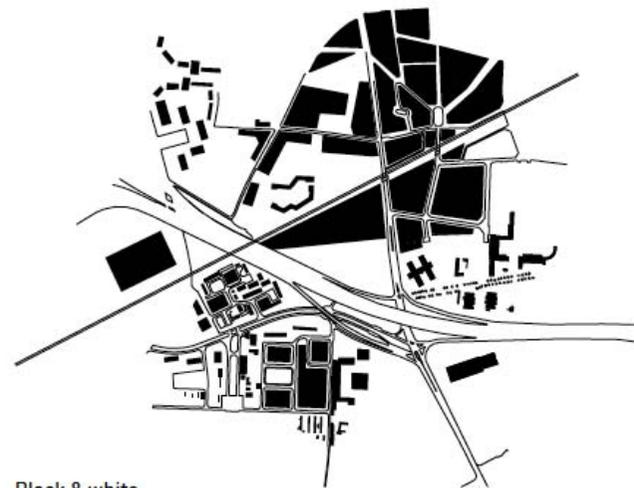


GROUP B:

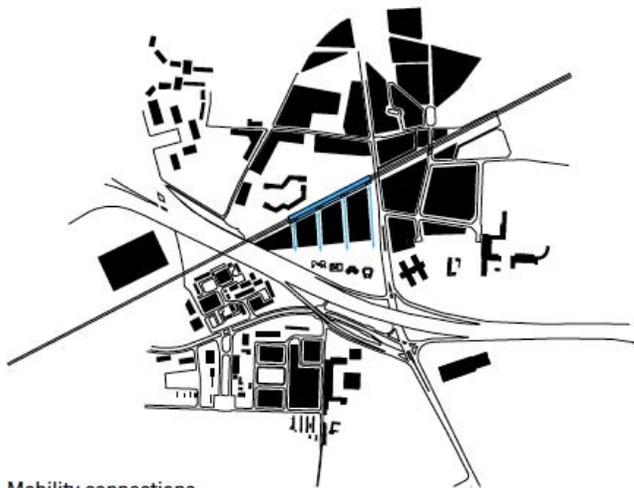
FORM FOLLOWS FLOWS



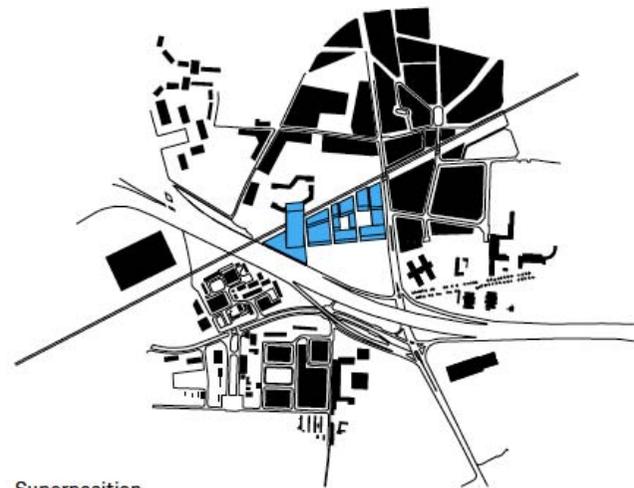
Window to the highway



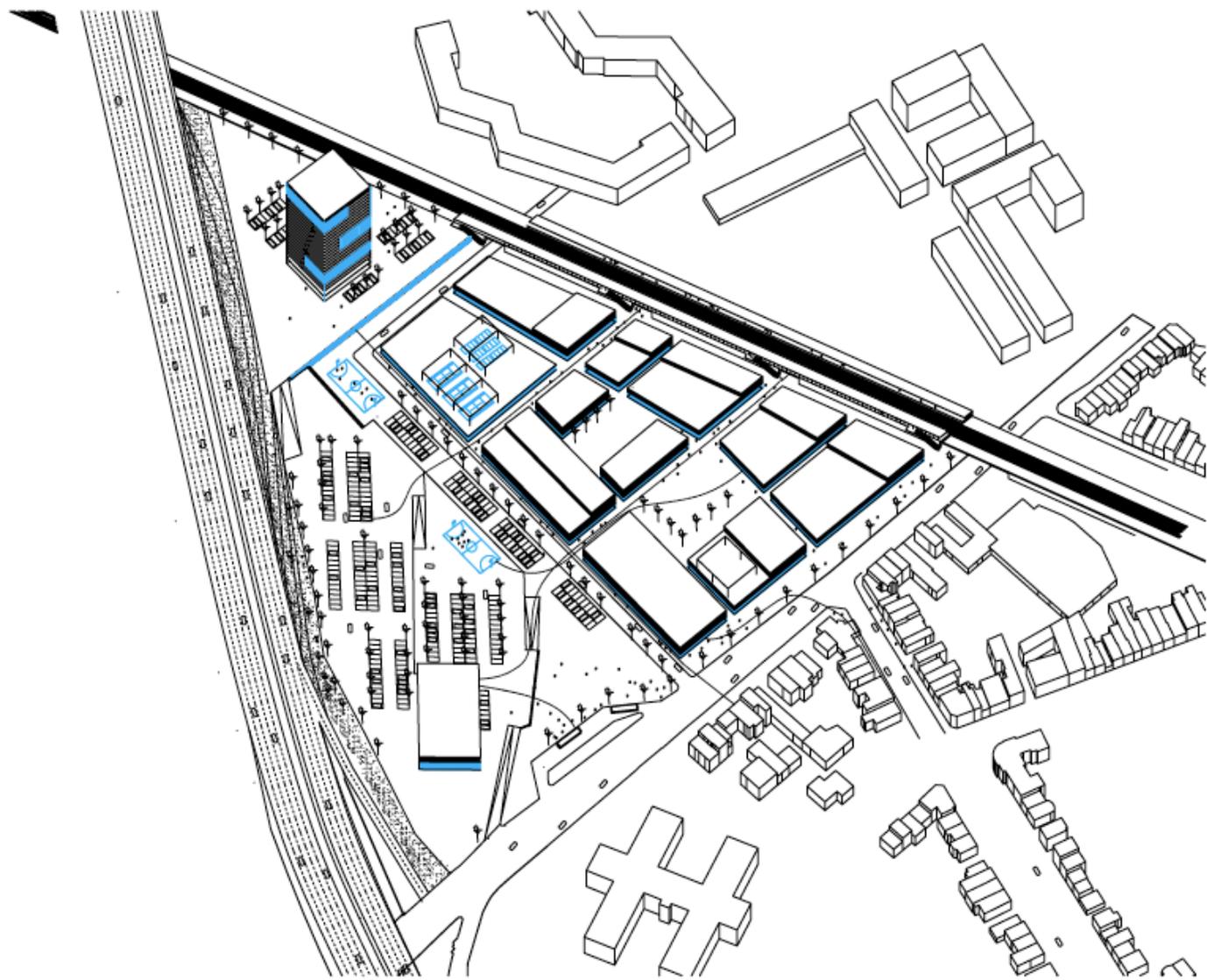
Black & white



Mobility connections



Superposition



V Erasme

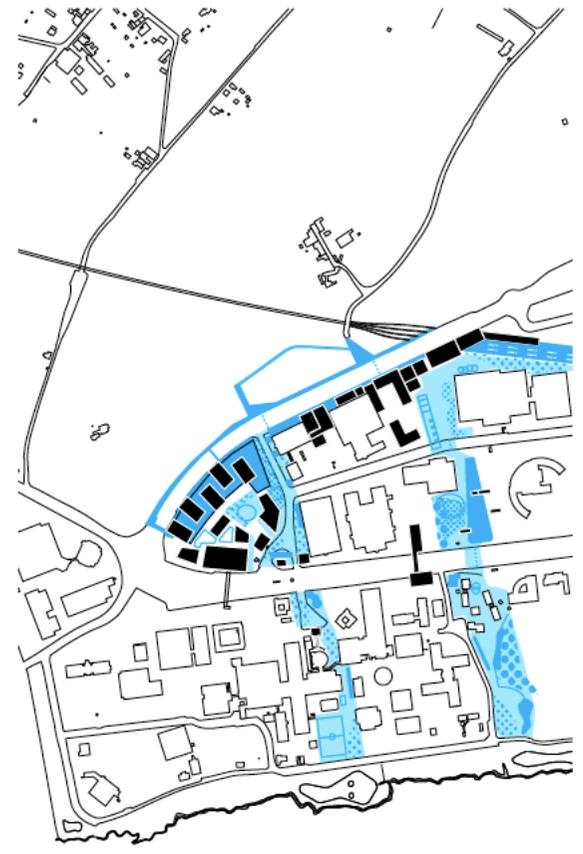
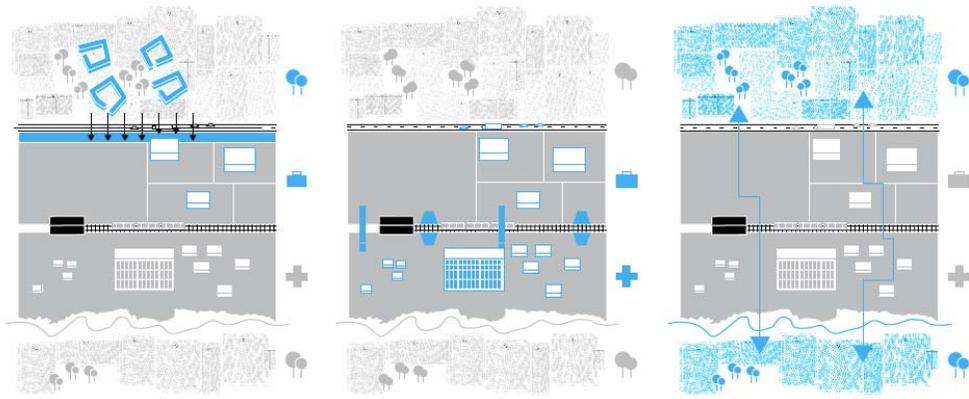


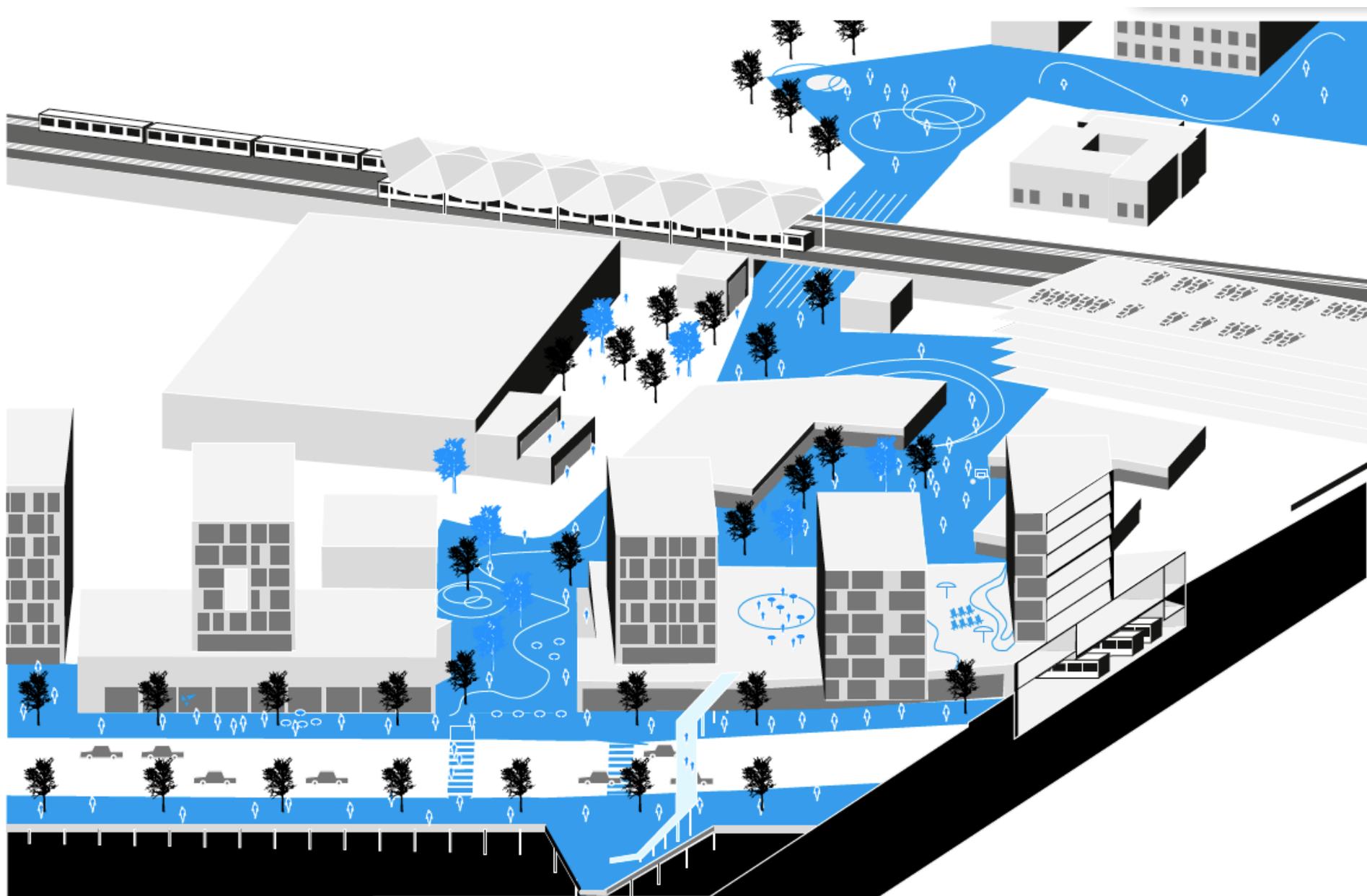
V Erasme



GROUP A:

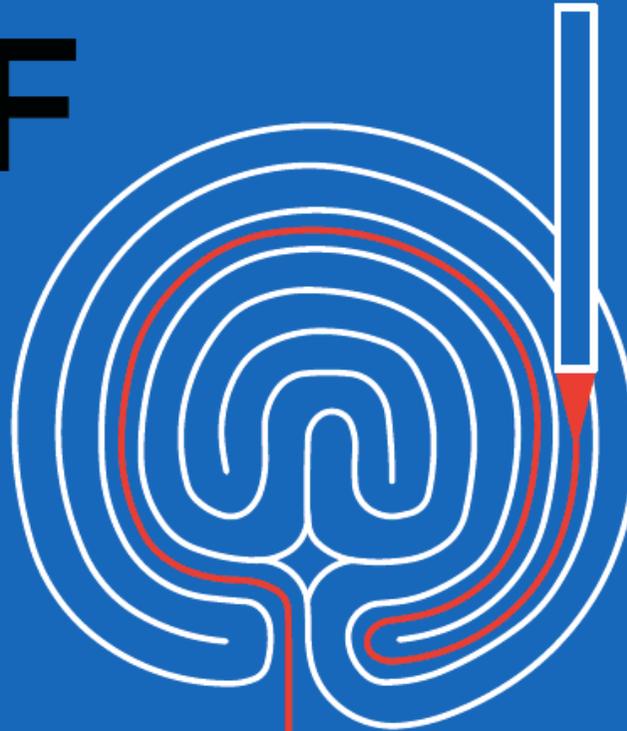
CORRIDOR AND BOARDWALK





COMBINING HOUSING,
FACILITIES AND
TRANSPORT INFRASTRUCTURE
IN BRUSSELS

END OF LINE



RESEARCH BY DESIGN AND PUBLIC POLICY

IMAGE © GRAU

BO
ZAR

ULB Faculté
d'Architecture
La Cambre Horta

L O LABORATORY
U S URBANISM
I E INFRASTRUCTURE
E ECOLOGIES

Vrije
Universiteit
Brussel

COSMOPOLIS
city, culture & society

STeR*
Stedenbouw en
Ruimtelijke
Planning

RÉGION DE
BRUXELLES-
CAPITALE



120% BRUSSELS

Roeland Dudal

RE:WORK

Geoffrey Grulois & Jens Aerts

RIVERCITY GÖTEBORG

Geoffrey Grulois & Jens Aerts

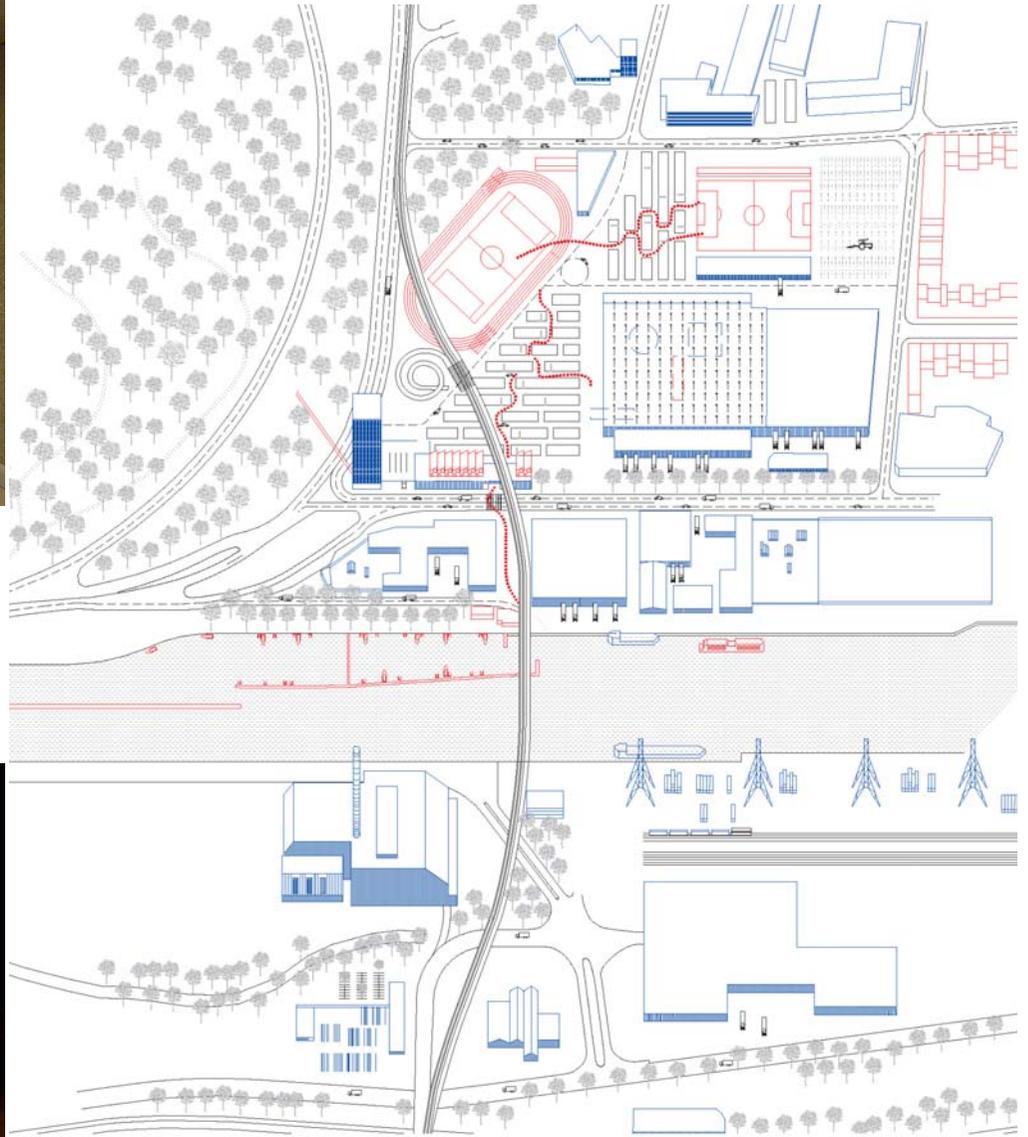
ATELIERS ÎLE-DE-FRANCE

Béatrice Mariolle

RESEARCH BY DESIGN IN ANTWERP

Patrick Janssens

CLOSING DEBATE



RE:Work Brussel

Ruimte voor industrie, logistiek en groothandel in de stad
wo 12 mrt → za 7 jun 2014

in deSingel

Vlaams
Architectuur
instituut

-link between politics, policy and urban design

-proactive : by showing opportunities

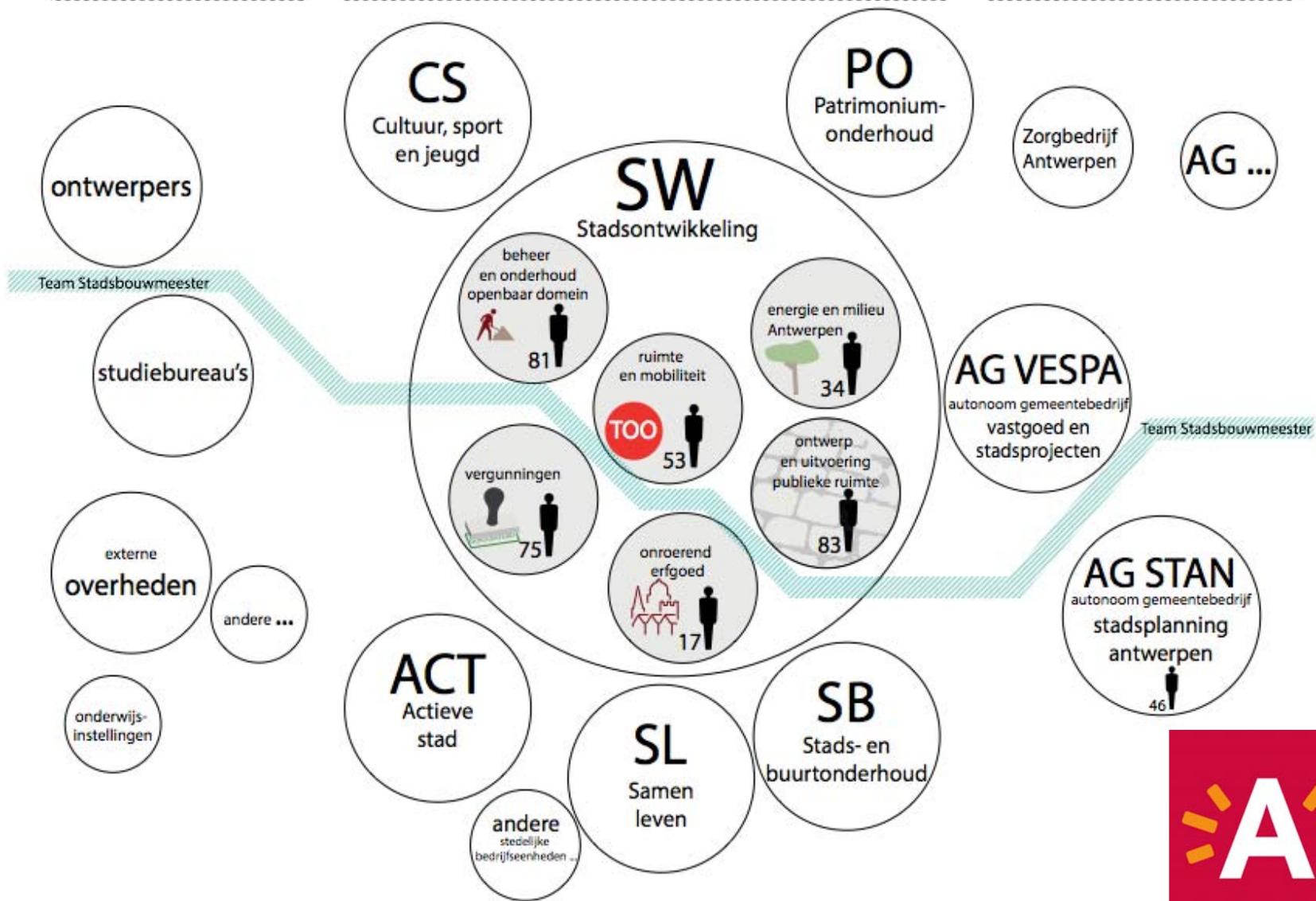
-reactive : by testing feasibility

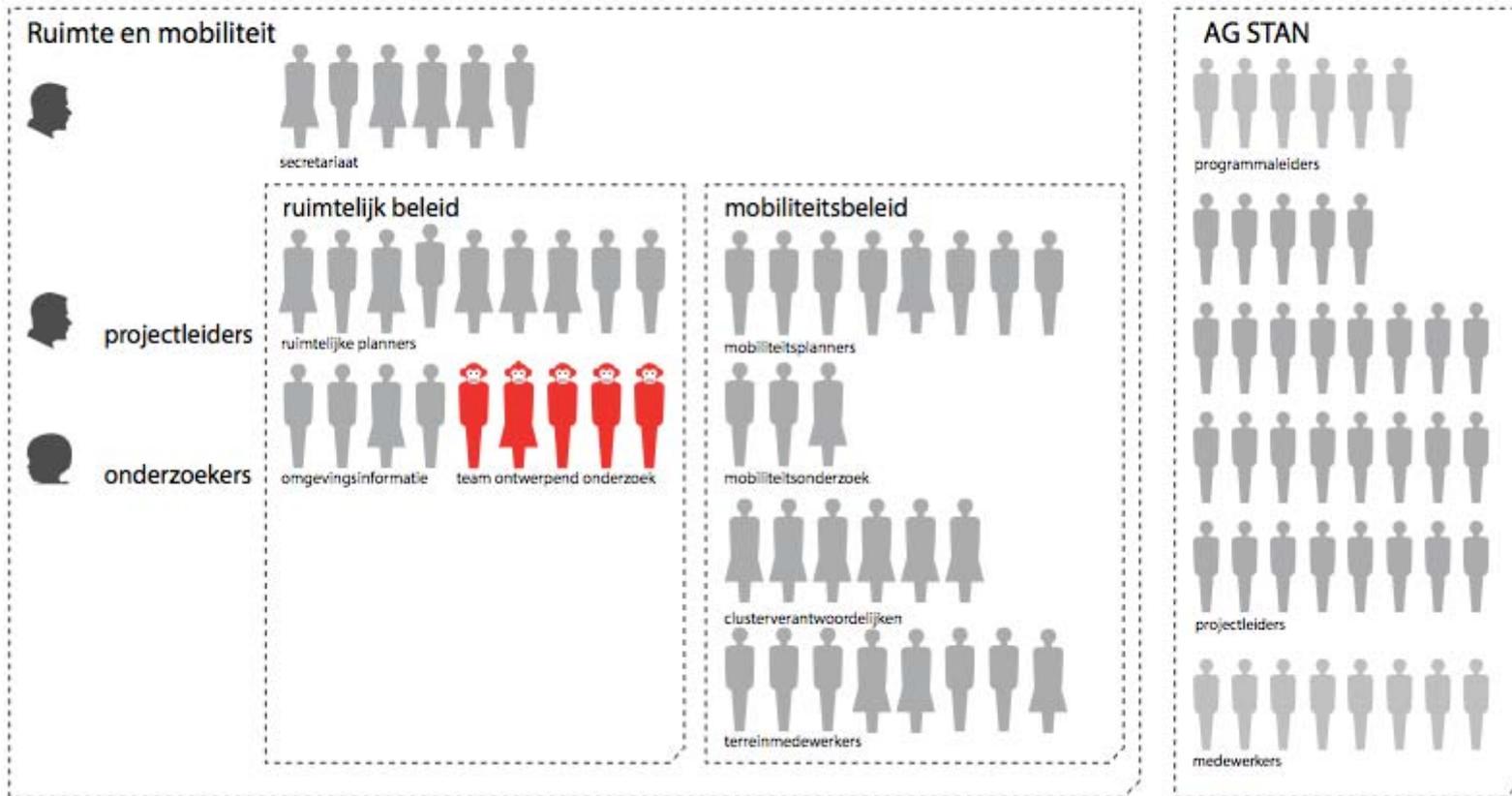
RESEARCH BY DESIGN

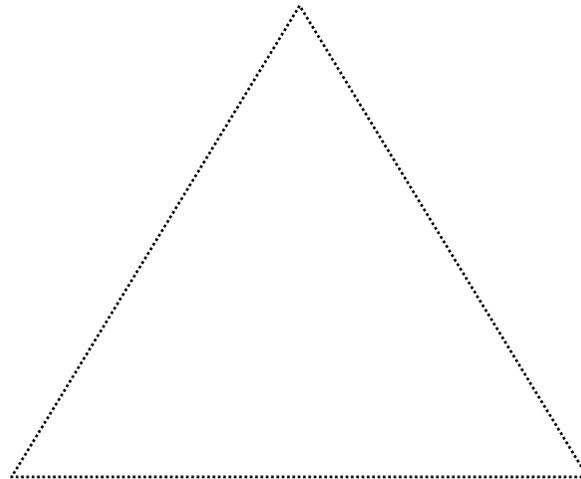
External stakeholders

Municipal Agencies city of Antwerp

Autonomous municipal agencies







L O LABORATORY
U URBANISM
I S INFRASTRUCTURE
E ECOLOGIES

**RESEARCH
PROJECT**