



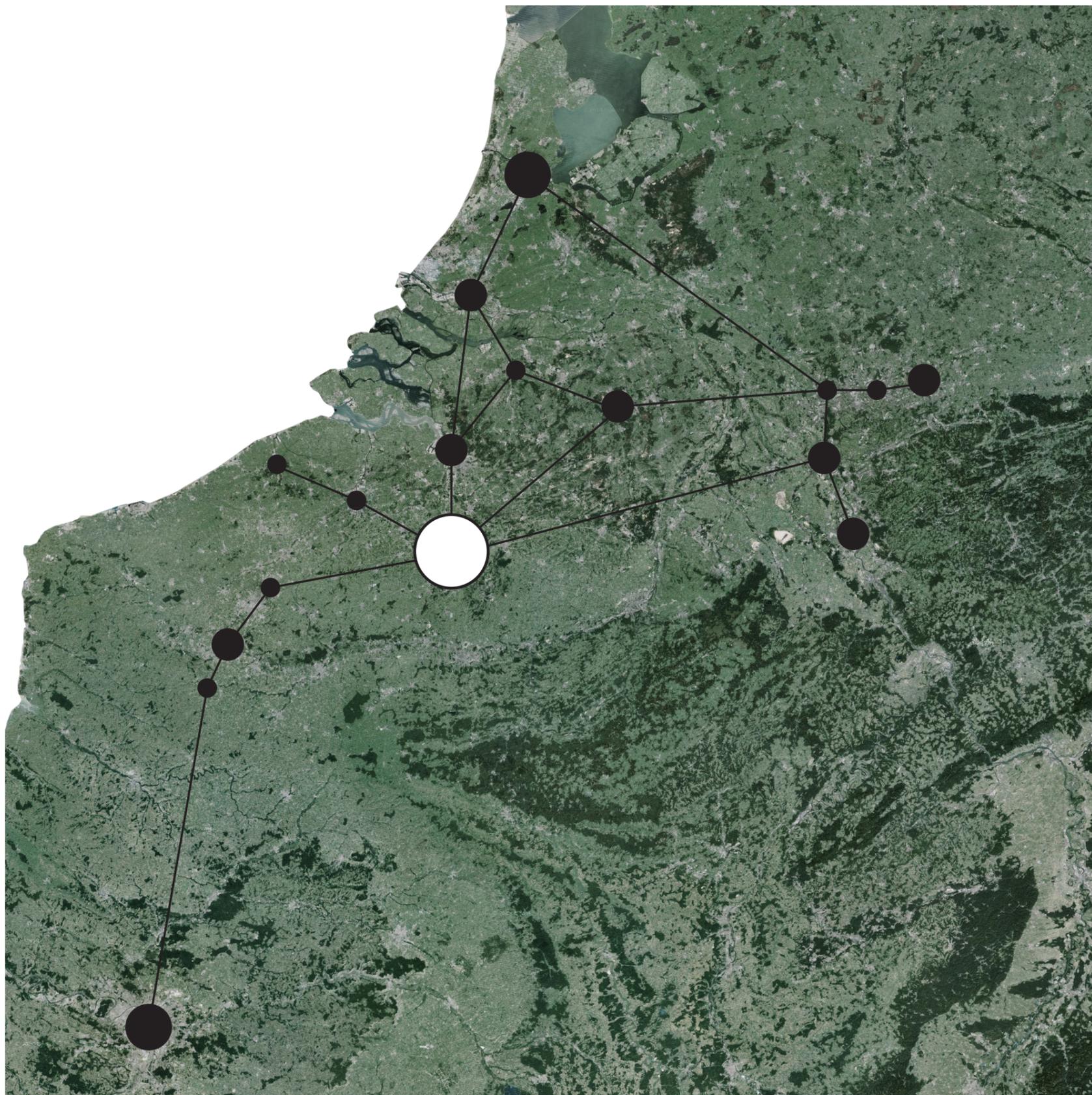
MIGRATED SPACE CONTRASTS

spaces for possible social interaction in Matonge, Bruxelles

Andrea Aragone
P4 Presentation, 28th Sept 2015
TU Delft

**“ petite métropole,
métropole mondiale ”**







“ **Two kinds of immigration** are present in Brussels, and both are important.

The first is the influx of the **European bureaucrats** with all the secondary economic activities that revolves **around the European institutions.**

The second family of immigrants constitutes a **poorer population** that comes from outside the EU, who have moved **permanently** to Europe. ”

Pankratieva I., “A Response to Brussels’ Unexpected Population Growth in a Context of Existing Urban Fabric”, 2012



1km -

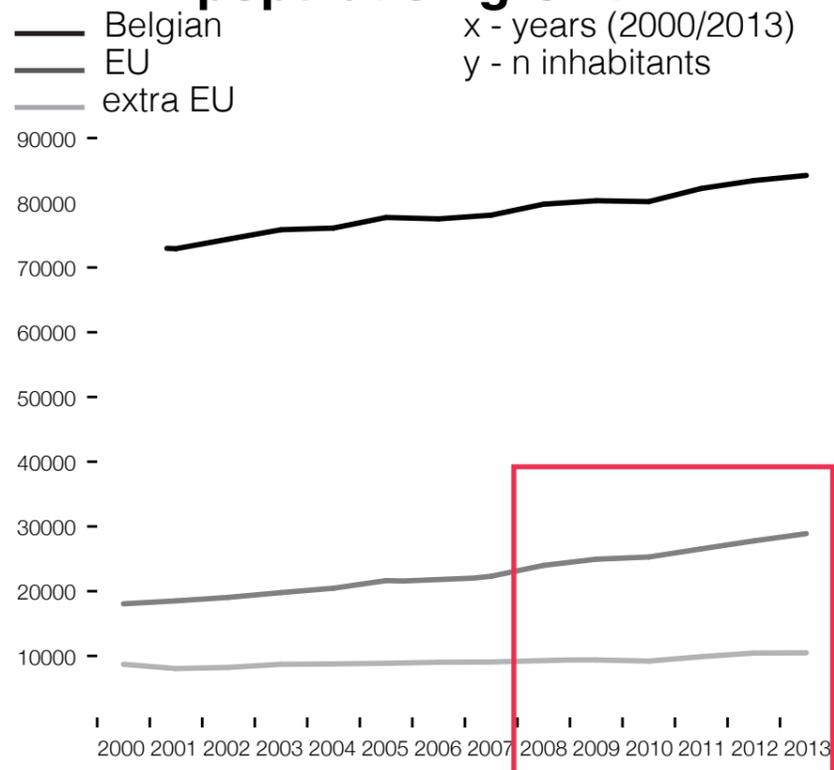
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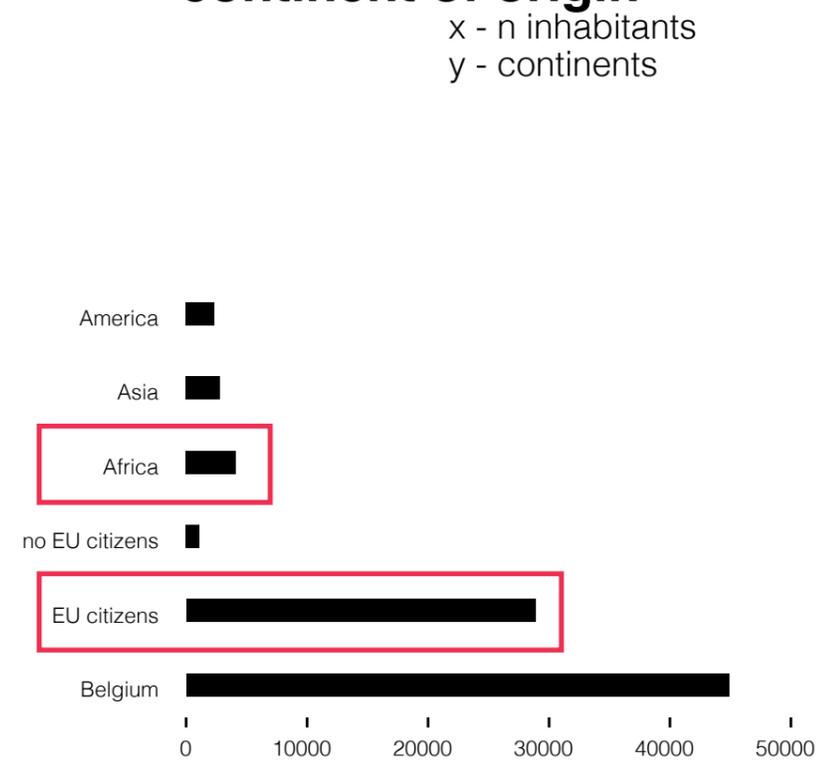




population growth

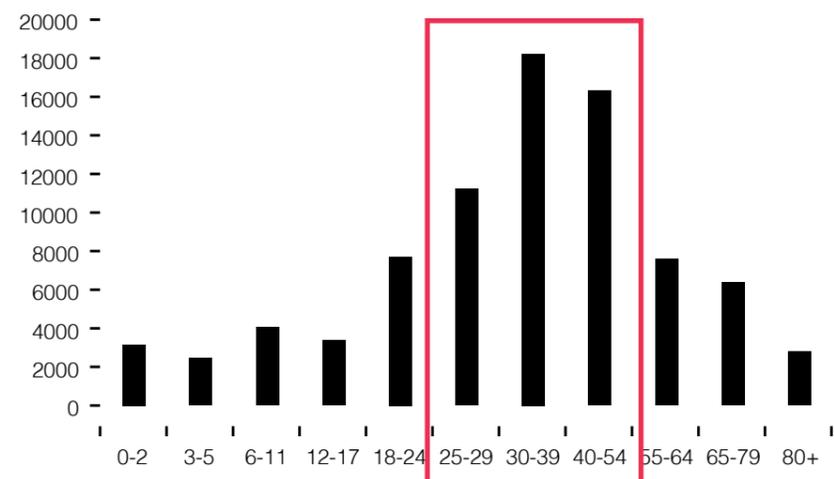


continent of origin



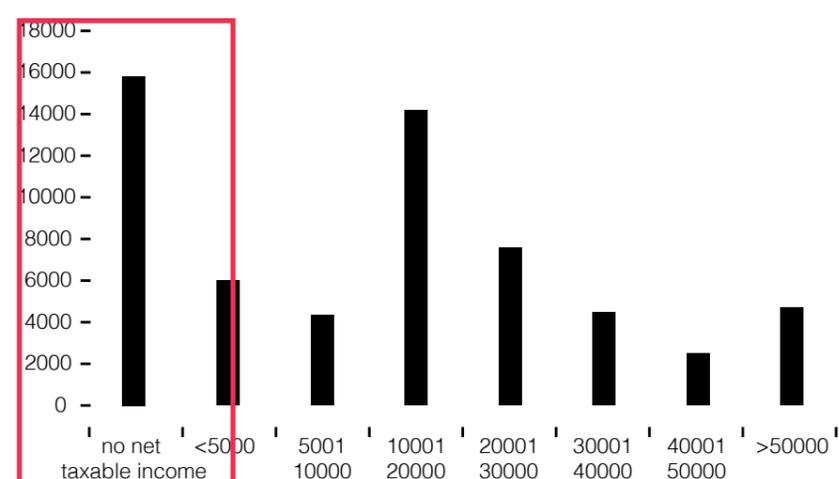
population per ages

x - ages
y - n inhabitants

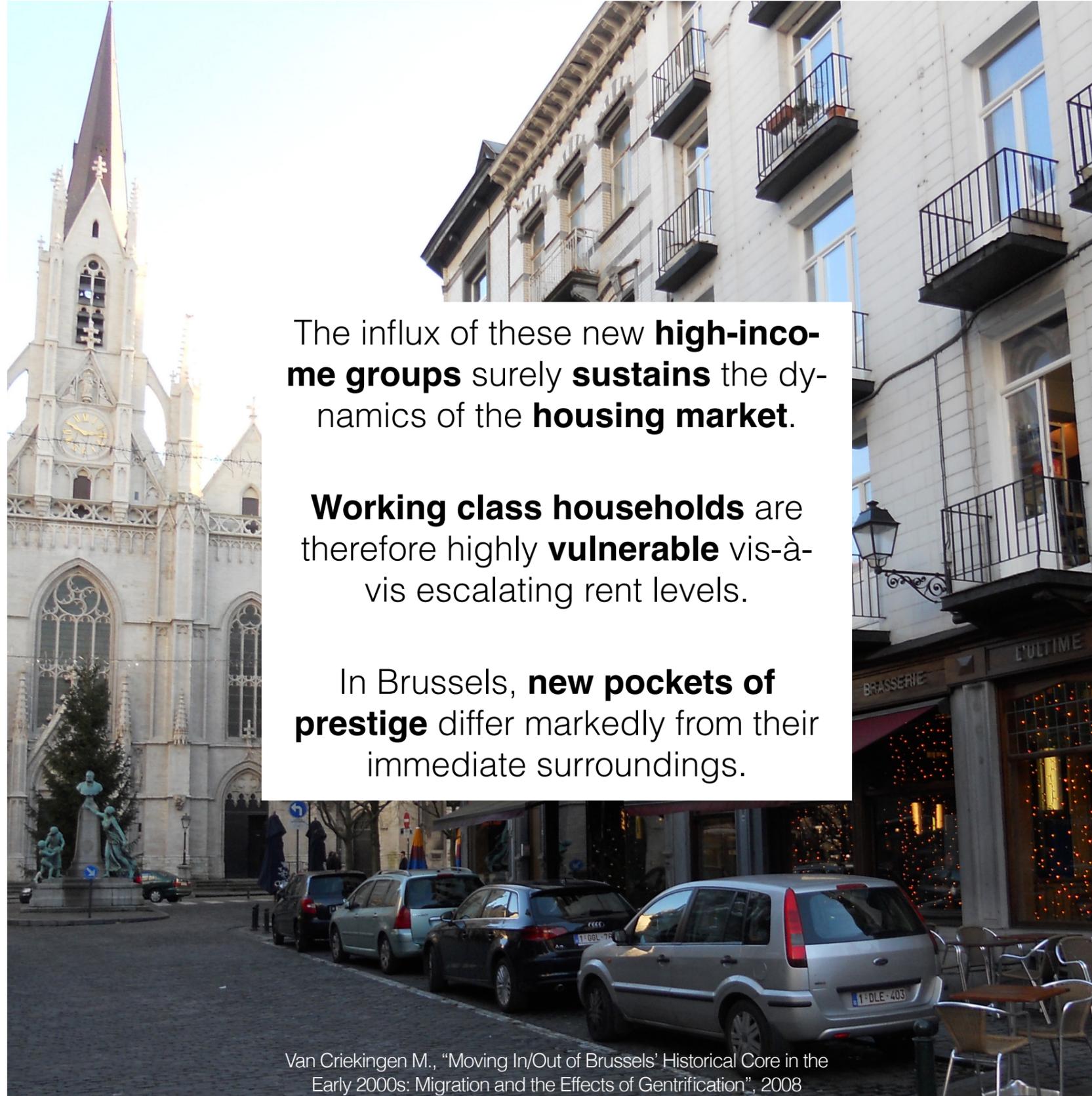


revenues

x - revenues in euro
y - n inhabitants







The influx of these new **high-income groups** surely **sustains** the dynamics of the **housing market**.

Working class households are therefore highly **vulnerable** vis-à-vis escalating rent levels.

In Brussels, **new pockets of prestige** differ markedly from their immediate surroundings.

**how can spatial design, aimed at
integrating two poles apart
migrant groups of people,
preserve the poorer and the
richer community to live together
in Matonge district of Brus-
sels without exclusion of one of
them?**

SOCIO-SPATIAL AFFORDANCE METHOD

*Important issues must be resolved
by discussion and decision, with
determination, patience and
dedication.*



seap



society of
european affairs
professionals



incorporating felpa
fédération européenne du
lobbying & public affairs

*Inaugurated on the 6th December 2001 by Nicole Fontaine,
Chairwoman of the European Parliament and
Freddy Thiebaux, Mayor of Brussels.*

group dynamics

“ The **influential actions**, processes, and changes that occur within and between groups over time ”

“ The tendency to **join with others in groups** is perhaps the single most important characteristic of humans, and the processes that unfold within these groups leave an **indelible imprint** on their members and on society. Group dynamics are the influential processes ”

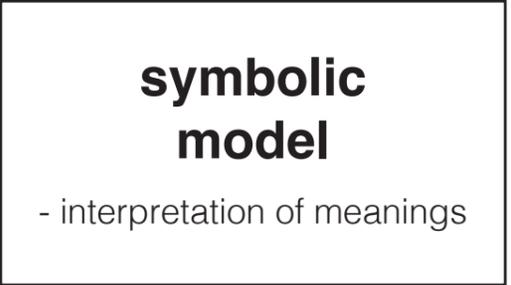


affordance

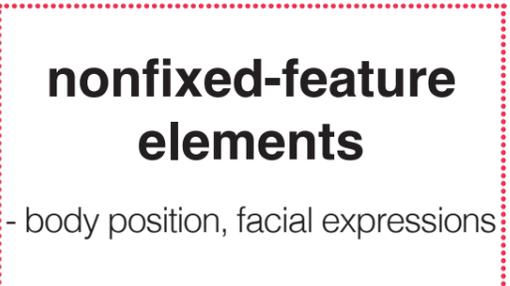
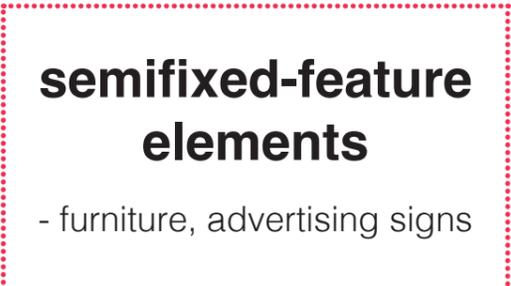
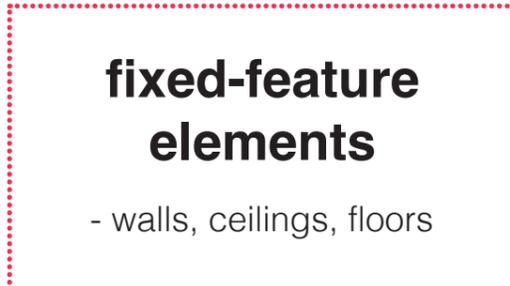
“ refers to the actionable properties between the world and an actor (a person or animal). Affordances are **relationships**. They exist **naturally**: they do not have to be visible, known, or desirable. ”

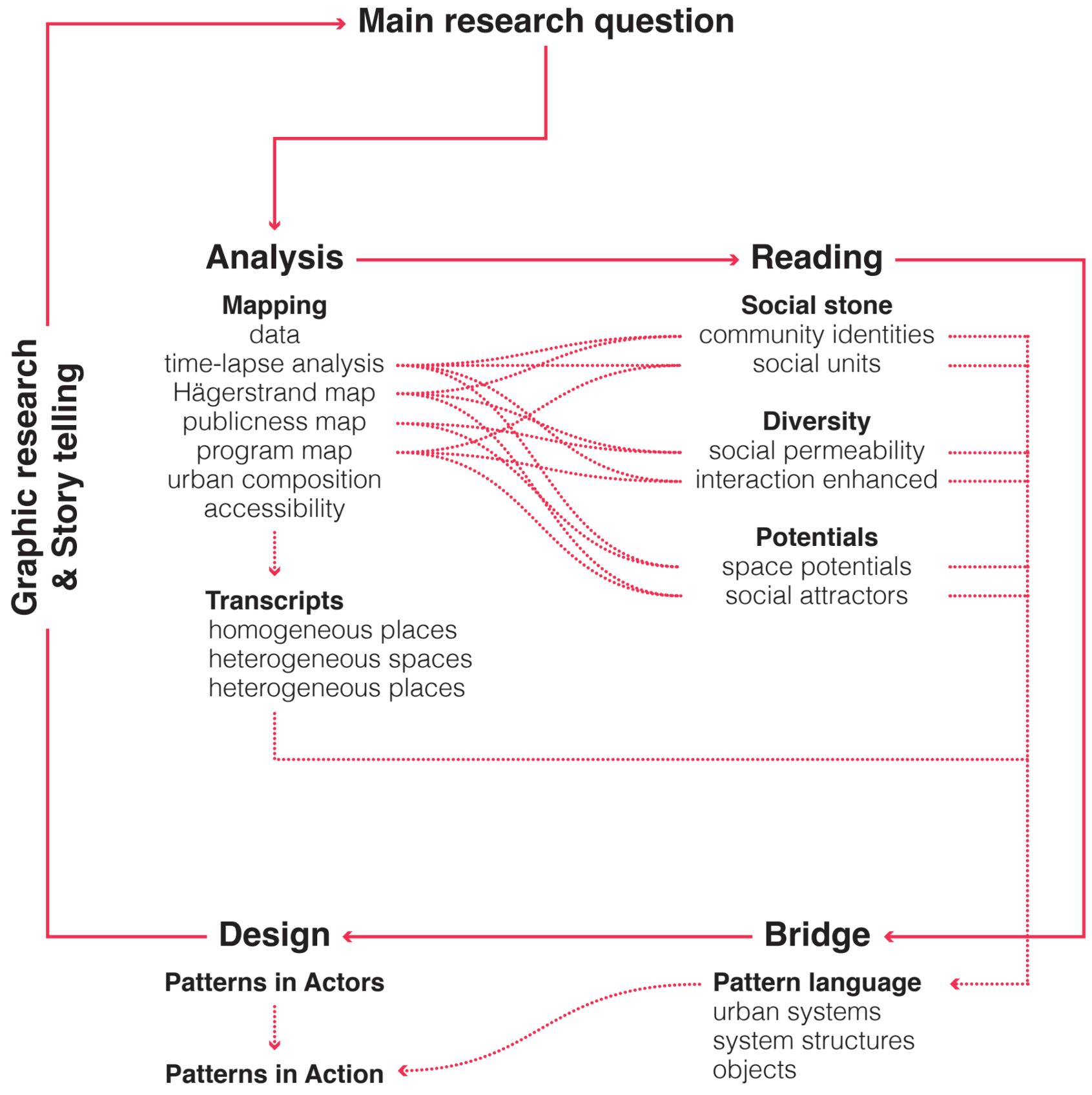
“ An affordance indicates the **potential** for a behavior, but **not the actual occurrence** of that behavior ”

Norman D., “Affordance, Conventions and Design”, 1999
Maier J. & Fadel G., “An affordance-based approach to architectural theory, design, and practice”, 2009



environment







Science for policy

Energy

Research

Innovation

Environment

Infrastructures

Climate change

Renewables

Social sciences

Materials

Excellence

Water

Bioeconomy

Food Safety

Industrial technologies

Agriculture

ANALYSIS

Growth

Foresight

which are the social and spatial aspects that characterized the area?

Health

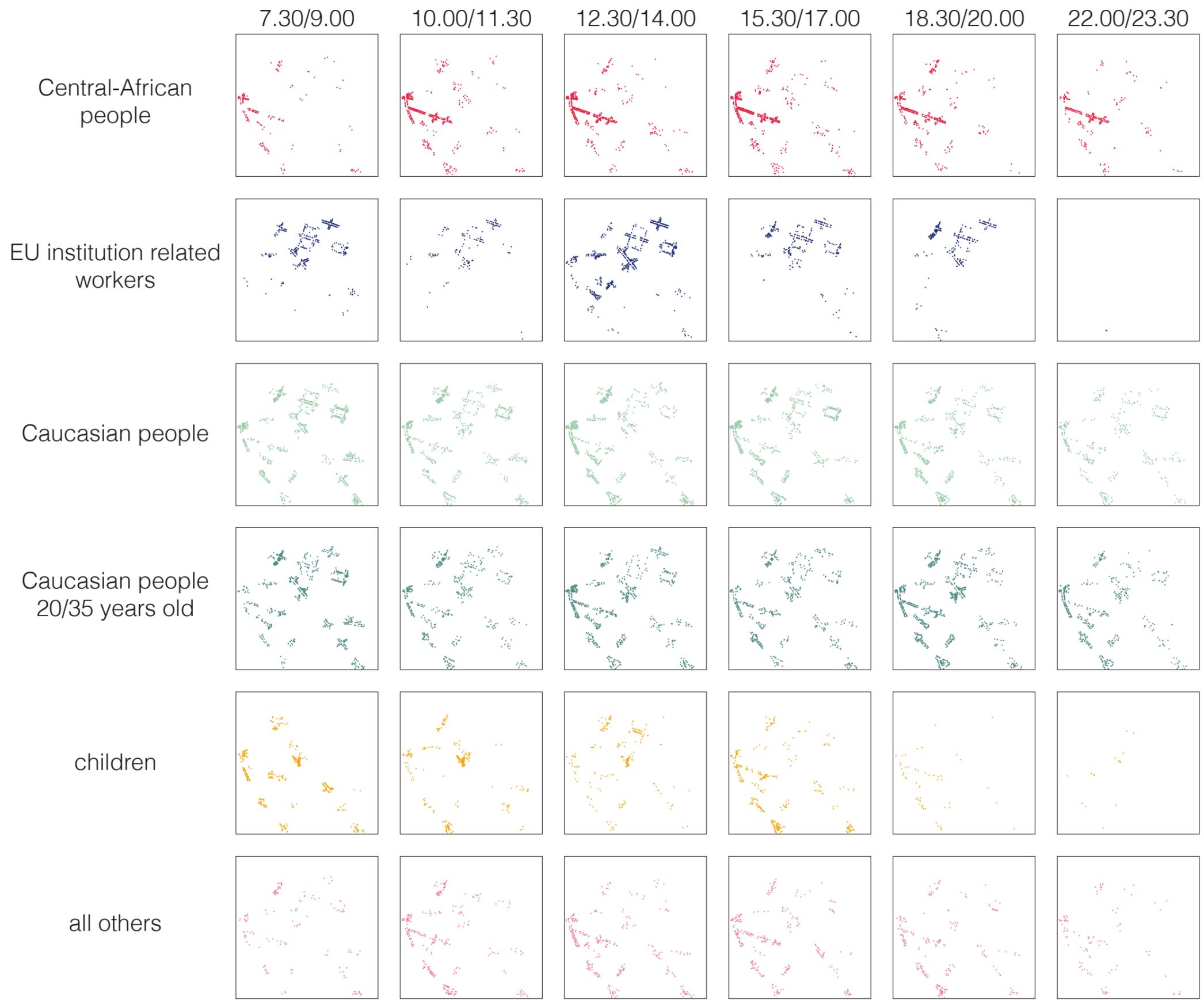
Ageing

Financial stability

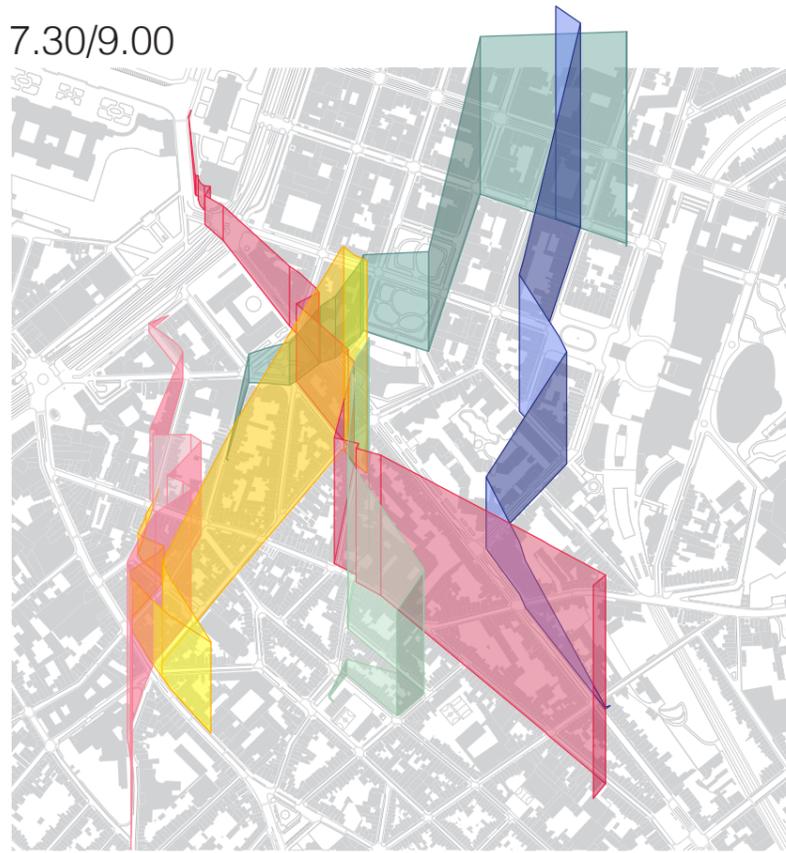
Sustainability

Food security

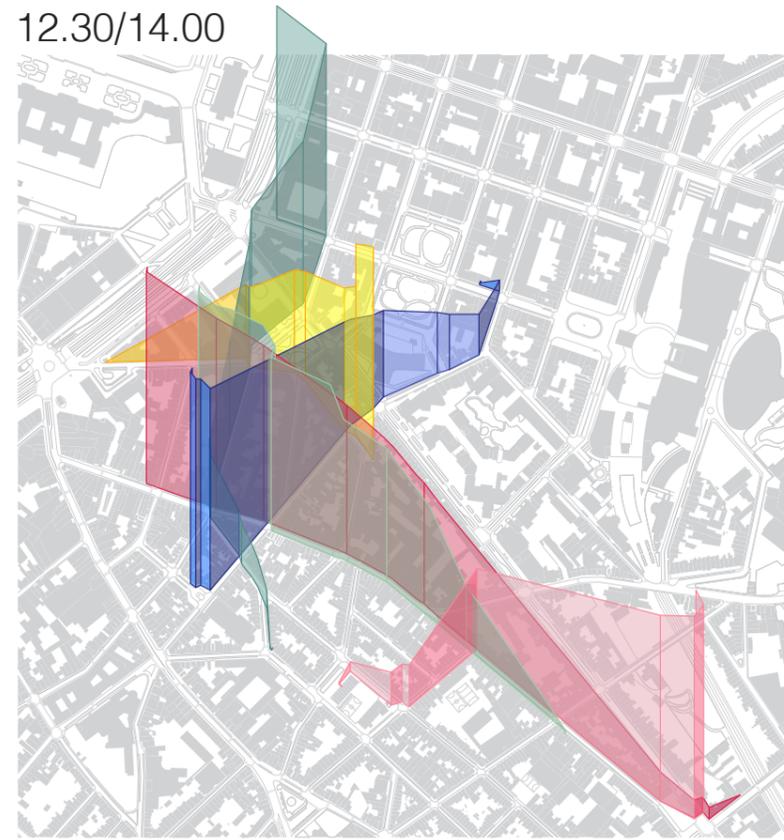
Transport



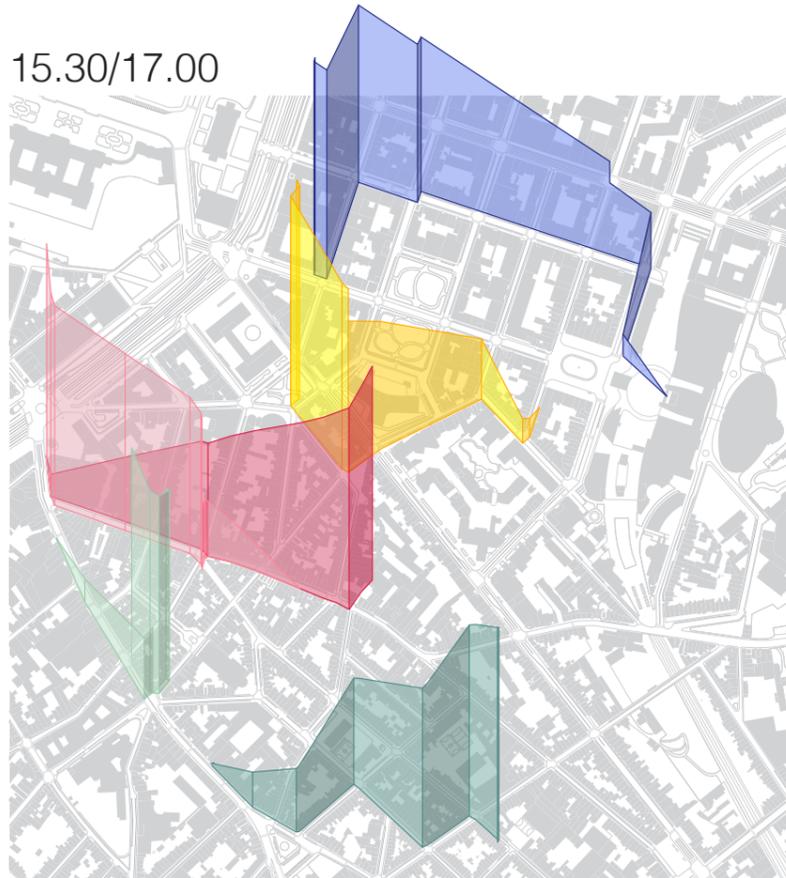
7.30/9.00



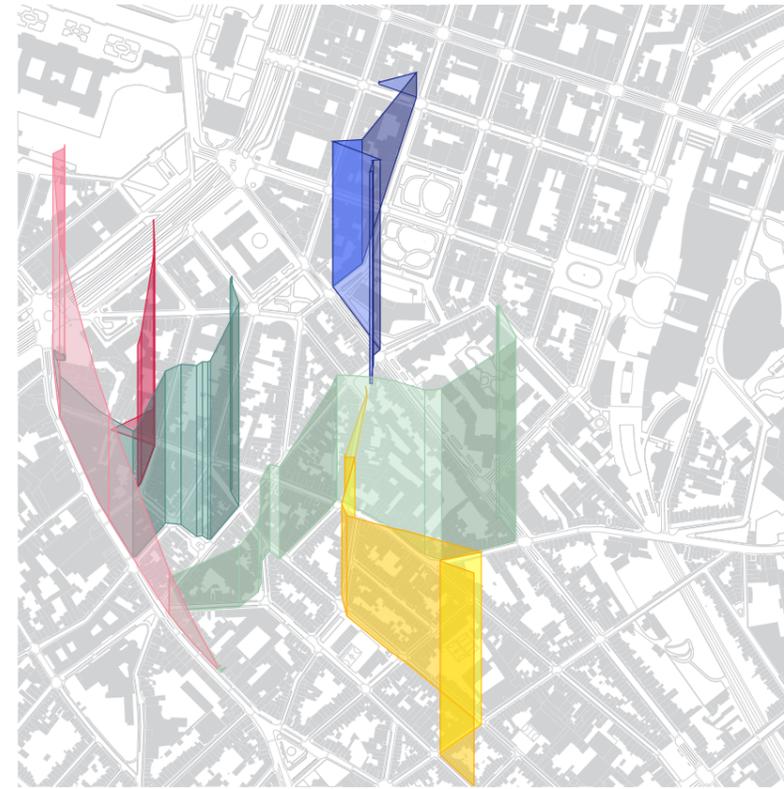
12.30/14.00



15.30/17.00



18.30/20.00



- Central-African people
- all others
- children
- Caucasian people
- Caucasian people 20/35
- EU institution related workers

1km -

0,5 -

0 -



- VACANCIES
 - public building
 - office
 - shop
- PUBLIC SERVICES
 - school
 - public office
 - church
 - social service and NGO
 - police office
 - museum
- INSTITUTIONAL BUILDINGS
 - office
 - EU institution
 - embassy
 - private lobby office
 - national institution lobby office
- FOOD AND LEISURE
 - restaurant
 - bar
 - cinema - theatre
 - hotel
 - pool - spa
- ALIMENTATION
 - supermarket
 - grocery store
 - take away
 - 24h shop
- RETAIL SHOP
 - general retail shop
 - chain store
 - beauty shop
 - pharmacy
 - art gallery
- SERVICES
 - hair salon
 - travel agency
 - medical practice
 - bank
 - laundry

1km -

0,5 -

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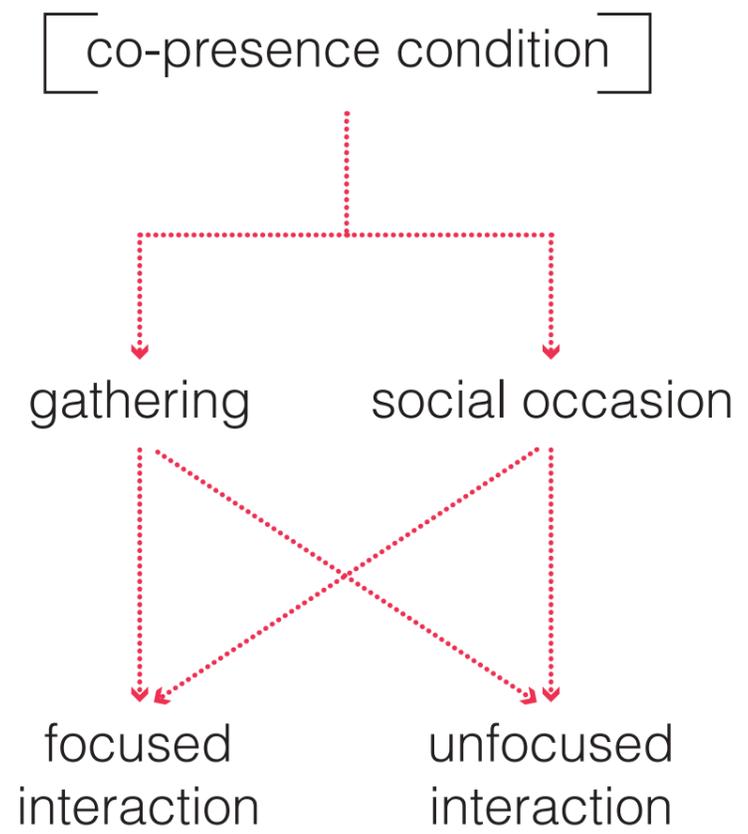


- vacancy
- private - home
- known place - office, school
- limited group - church
- payment for entrance - museum
- expected to pay - bar
- seller/customer relationship - retail
- in/out inner space - supermarket

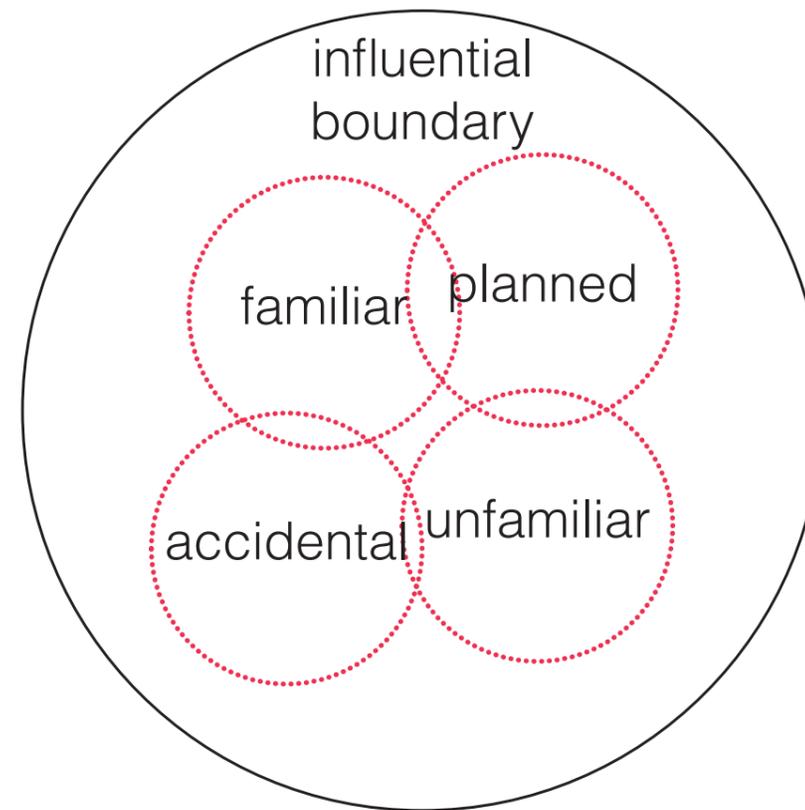
Transcripts

“ Transcripts propose to **transcribe** an architectural **interpretation of reality**. They use a particular structure indicated by photographs that either **direct** or **“witness” events** ”

Giddens's co-presence

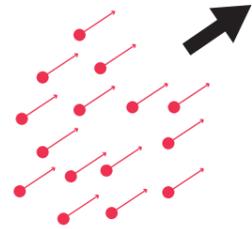


Encounter types

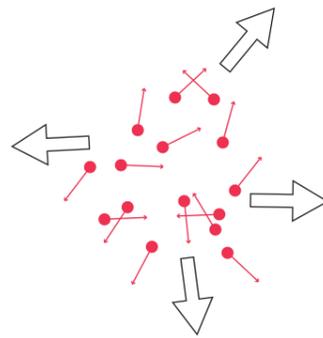


Personalization of space, Rapoport

homogeneous area
clear
meaning



heterogeneous area
no clear
meaning

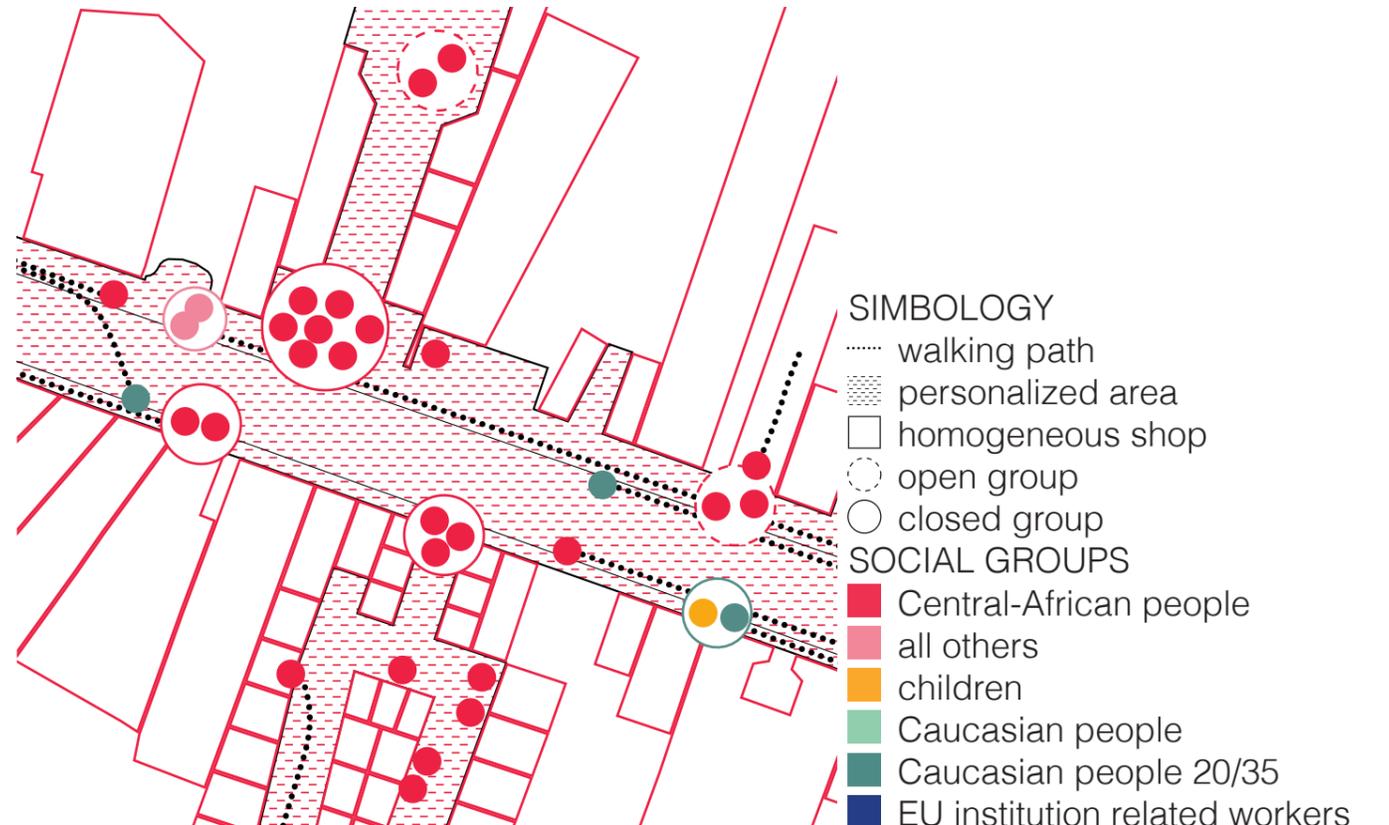
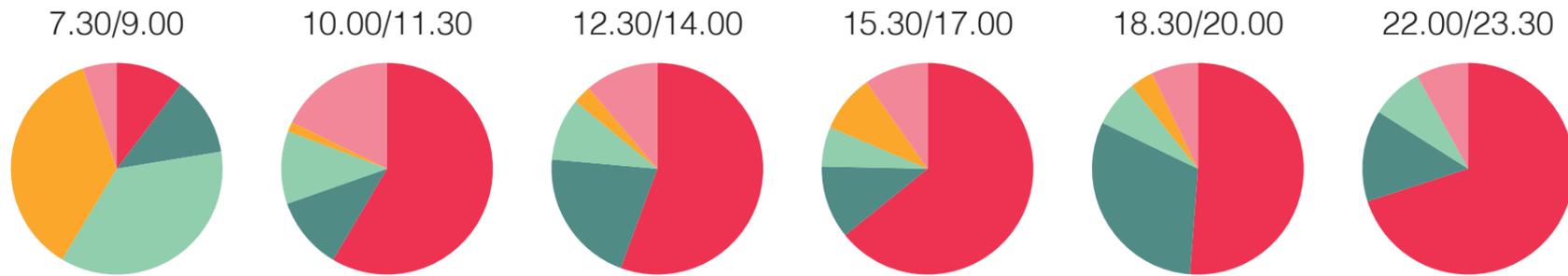


Tzonis place definition

“ A **place** is a space with use and **meaning** ”

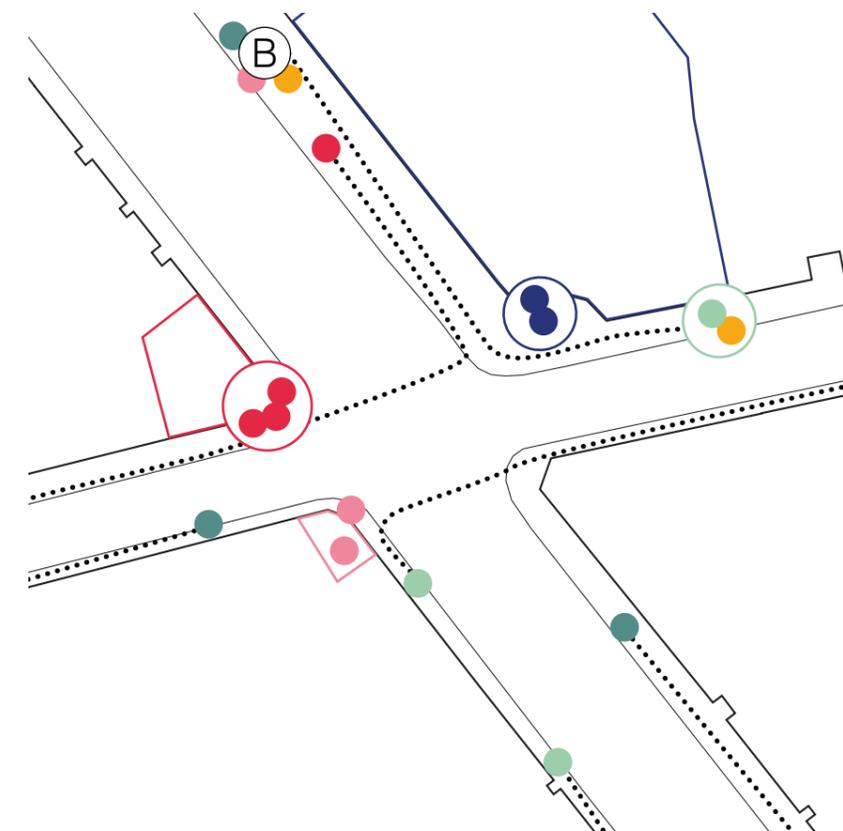
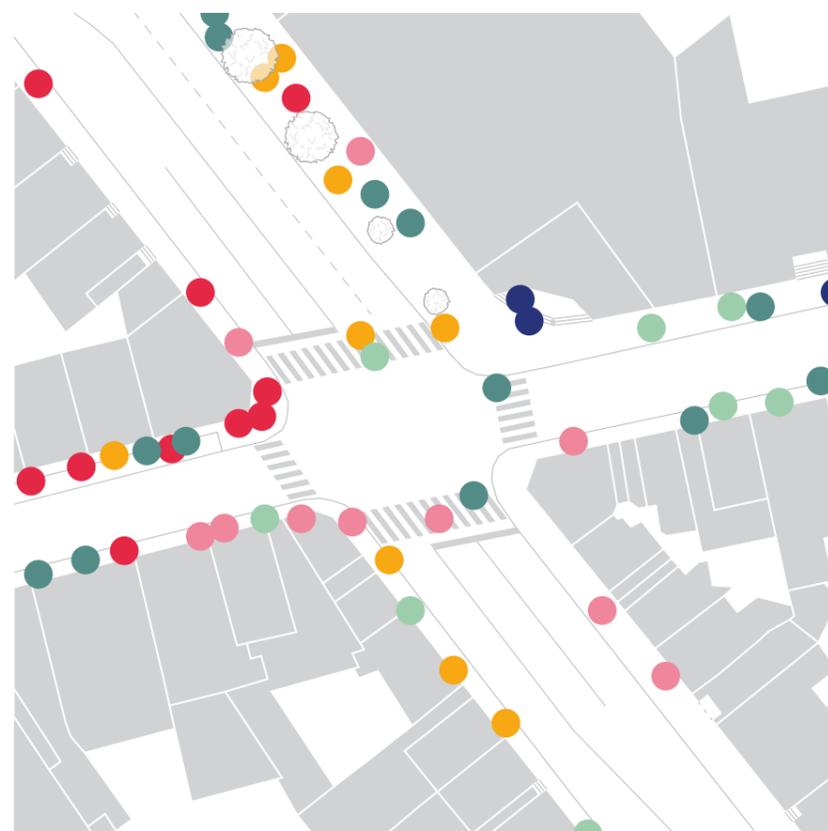
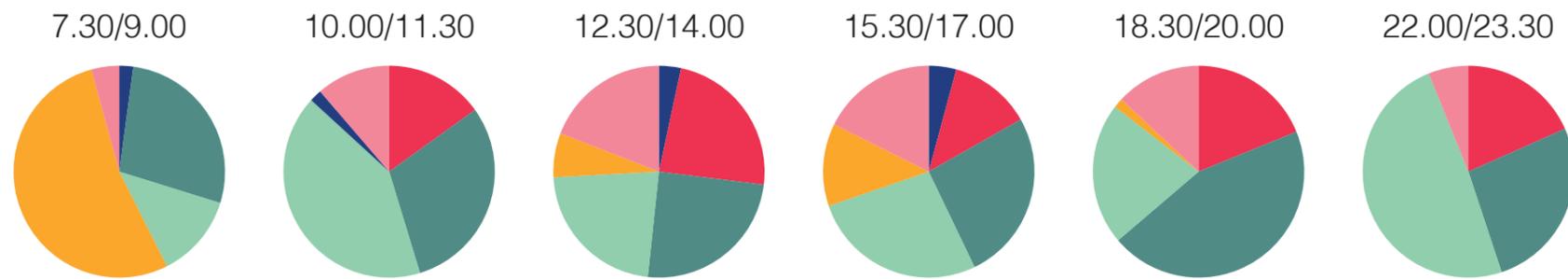
Homogeneous place

Chaussée de Wavre/Galerie



Heterogenous space

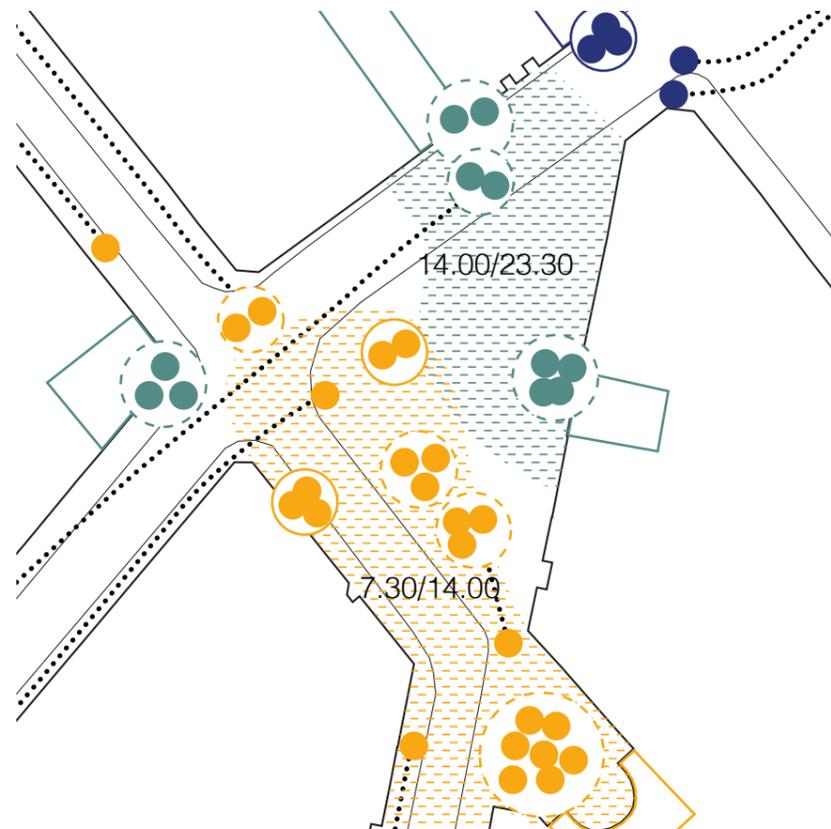
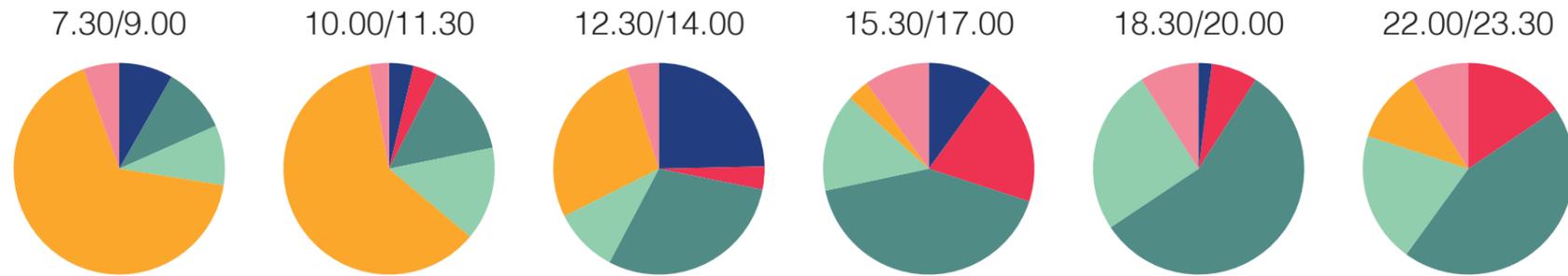
Chaussée de Wavre/Rue du Trone



- SIMBOLOGY**
- walking path
 - ▨ personalized area
 - homogeneous shop
 - open group
 - closed group
- SOCIAL GROUPS**
- Central-African people
 - all others
 - children
 - Caucasian people
 - Caucasian people 20/35
 - EU institution related workers

Heterogenous place

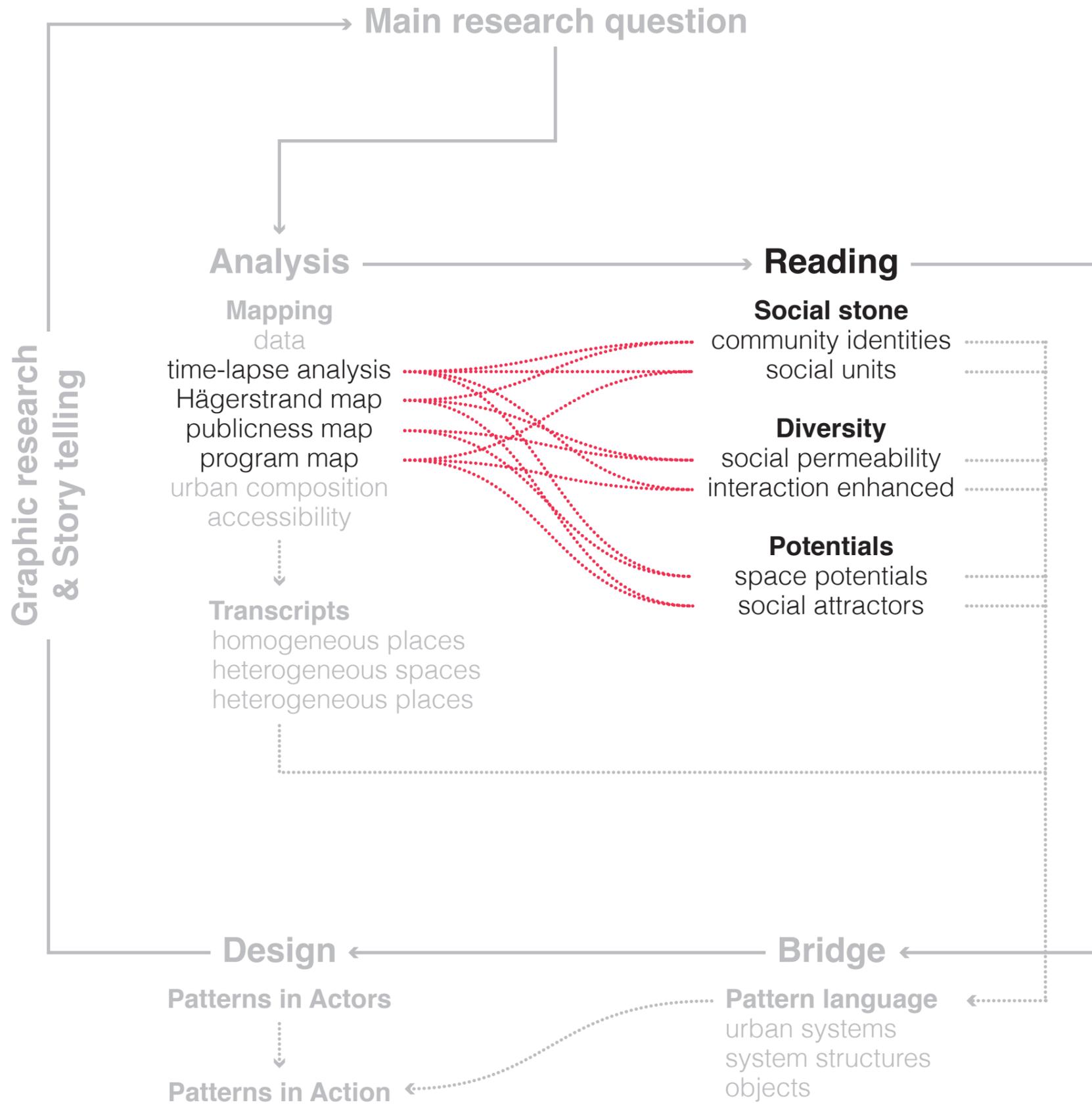
Place de Londres



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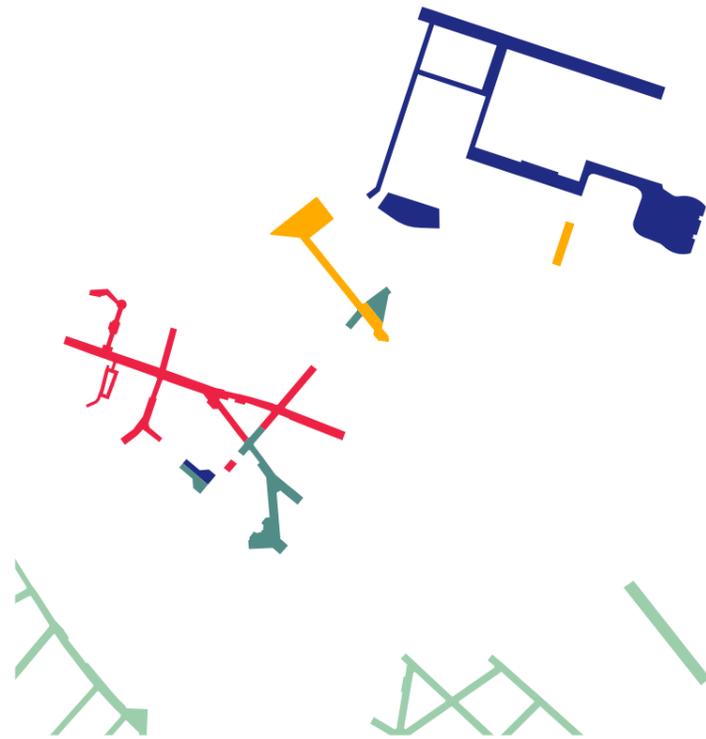


READING MATONGE
which are the social qualities and potentials of
the different social groups in relation with space?



Social Stones

Community Identities



- Central-African people
- children
- Caucasian people
- Caucasian people 20/35
- EU institution related workers

Social Units



- social housing
- community passage
- open air mall
- mid-class families
- wealthy area
- expanding gentrification
- office block in the grid

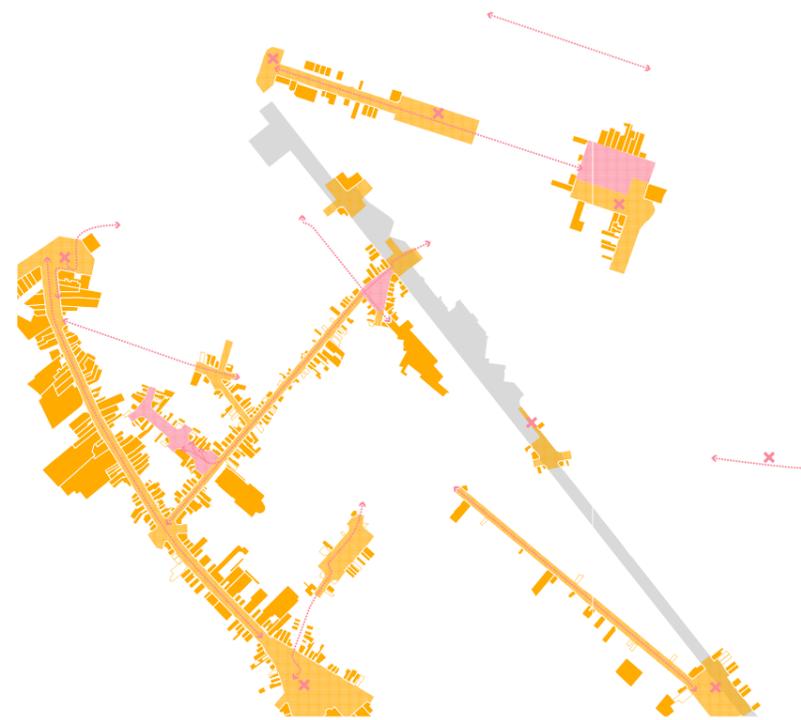
Diversity

Social Permeability



- high percolation area
- public ground floor
- vacancy

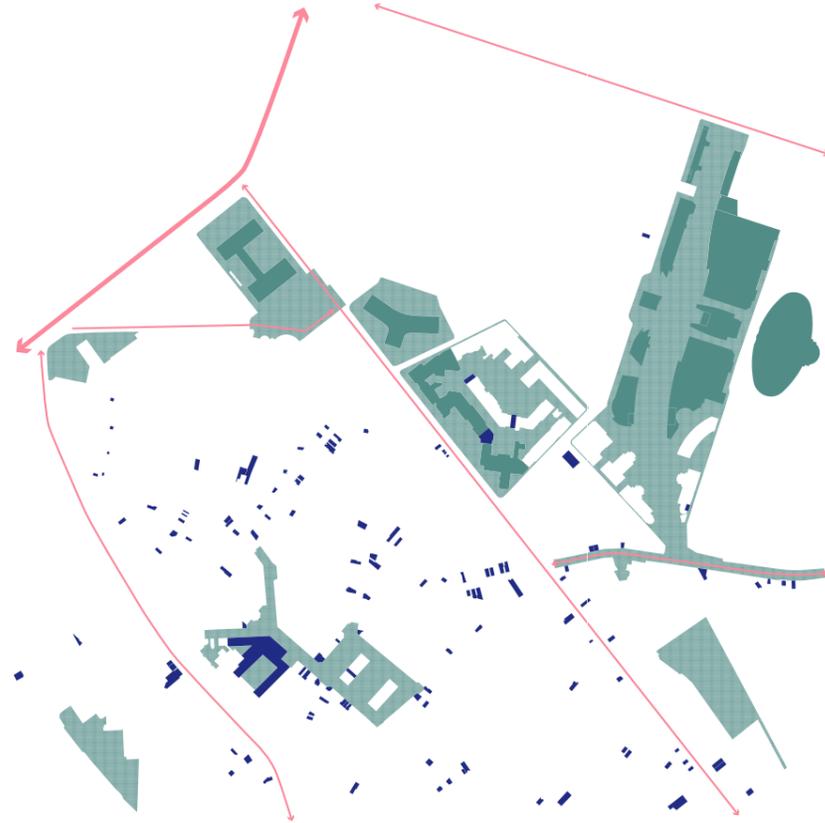
Interaction Enhanced



- crossing identities - open space
- crossing identities - inner space
- vacancy
- same space different places
- asymmetric boundary axis
- main pedestrian flow
- × stop'n go hub

Potentials

Space Potentials



- underused open space
- institutional building with standard public green
- vacancy
- heavy traffic line
- car collector

Social Attractors



- existing shopping backbone
- existing leisure stone
- potential attractors backbone
- potential attractors stone
- the chain store and the profitable vacancy
- attractors corner
- social attractors
- enclosed green



BRIDGE

can social diversity in Matonge let different social groups live together and enhance their potentials through space?

diversity

“ There is a point at which **a polis, by advancing in unity, will cease to be a polis**; but will none the less come near to losing its essence, and will thus be a worse polis. It is as if you were to **turn harmony into mere unison**, or to reduce a theme to a single beat. The truth is that the **polis is an aggregate of many members.** ”

Central-African people
children
Caucasian people
Caucasian people 20/35
EU institution related workers
social housing

community passage
open air mall
mid-class families
wealthy area

expanding gentrification
office block in the grid
high percolation area
public ground floor
vacancy

crossing indentities - open space
crossing indentities - inner space
vacancy

same space different places
asymmetric boundary axis
main pedestrian flow

stop'n go hub
underused open space
institutional building
with standard public green
vacancy

heavy traffic line
car collector
existing shopping backbone
existing leisure stone
potential attractors backbone
potential attractors stone

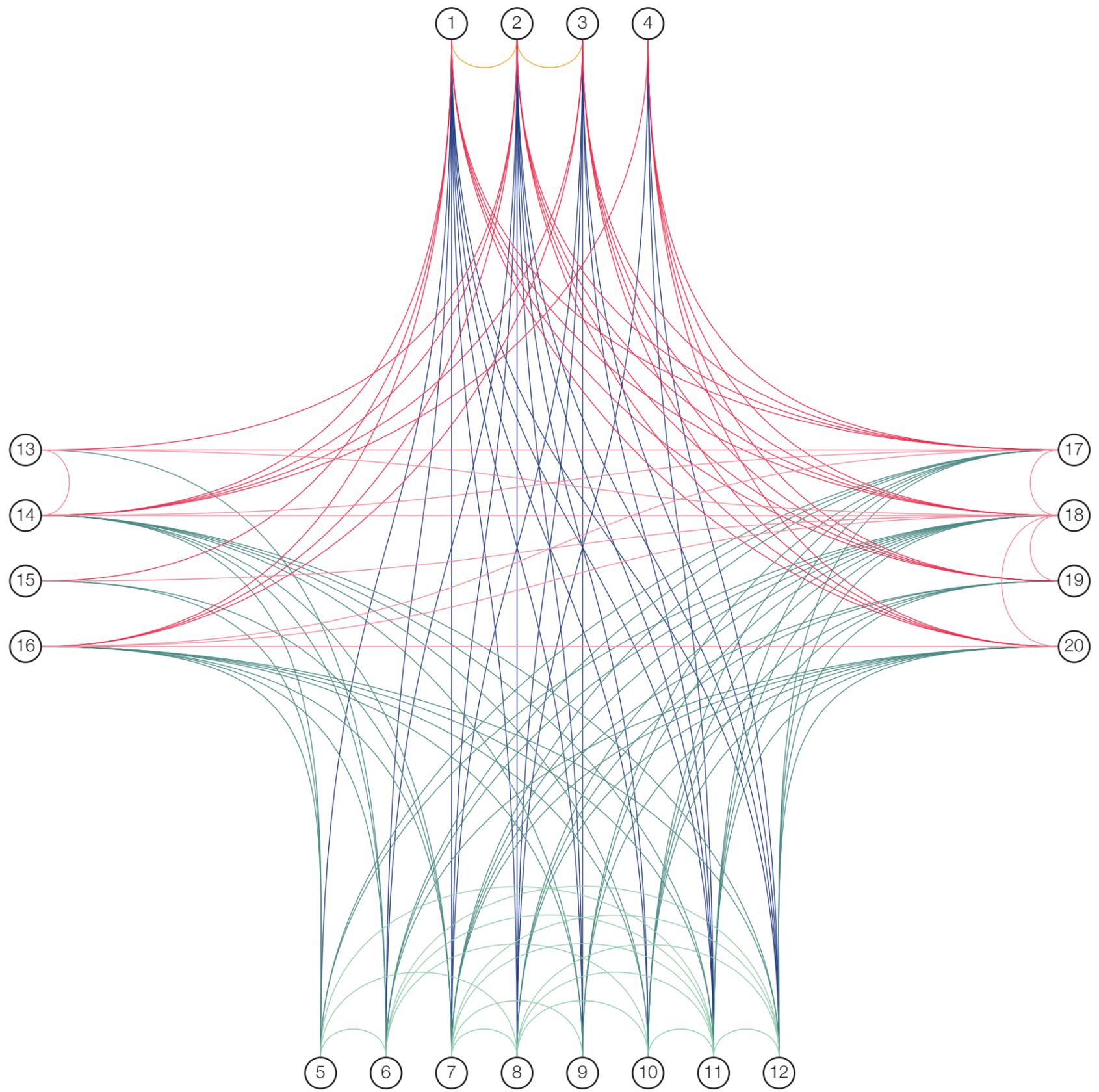
the chain store
and the profitable vacancy
attractors corner
social attractors
enclosed green

1. community identity
2. crossing identities
3. asymmetric boundary axis
4. car collector
5. existing commercial backbone
6. open air mall
7. potential attractors extention
8. office block in the grid
9. expanding gentrification
10. same space different places
11. stop'n go hub
12. heavy traffic line
13. the chain store and the profitable vacancy
14. one entrance for more buildings
15. community passage
16. attractors corner
17. multiple stories in a house entrance
18. underused space
19. institutional building with standard green
20. enclosed green

urban systems

system structure

objects



2. Crossing Identities

social value



Space that **connects different “Common identity” and/or different social attractors**. It can be a **pedestrian path** in which people of **different social groups enter in contact** to each other. The encounter can be either direct or indirect. The space is characterised by a **high social diversity** and by pedestrian flows. A “Crossing Identities” can also cross a “Common Identity”.

2. Crossing Identities design hypothesis



Enhance the spatial qualities of the lines of intersection between social groups in order to use social diversity as potential. It must be a **project for the social groups that use this space, flexible for socio-economical changes and that enhance pedestrian flows.**



DESIGN

how can a spatial design integrate different groups of people without excluding one of them and maintaining their lifestyles?

YOUR VOTE.
OUR ACTION.

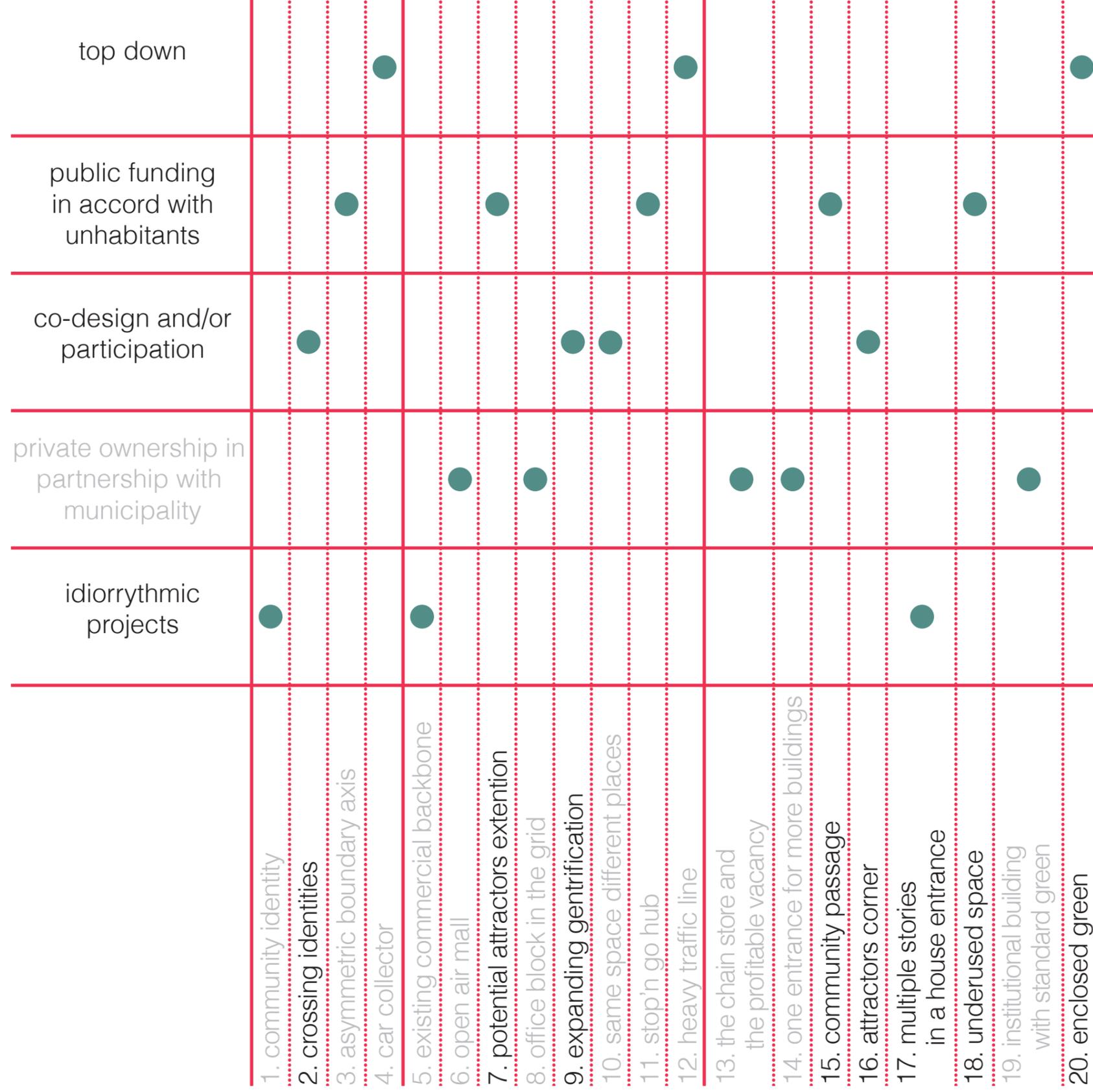
EUROPEAN PARLIAMENT
NEW TERM 2014-2019
EUROPARL.EU
#EP2014

ACT.
REACT.
IMPACT.



EXCEPTE
UITGEZONDERD







SOCIAL GROUP

- Central-African people
- all others
- children
- Caucasian people

- Caucasian people 20/35
- EU institution related workers

SIMBOLOGY

- ⋯ walking path
- open group
- closed group



THANK YOU

