

The background of the slide is a dark, monochromatic collage of various human faces. The faces are of different ages, ethnicities, and expressions, creating a sense of global diversity and human connection. The collage is composed of several overlapping images, with some faces being more prominent than others.

Beyond the Street

街道之上

Transitional housing as a bridge for the roofless to reintegrate into local society, Brussels-Capital Region as the case

过渡性住房作为一种桥梁帮助流浪汉重新融入当地社会，布鲁塞尔大都市区作为场地

P5

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2024 - 2025

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The trigger point

During the preparation of 2024 Paris Summer Olympics, police removed the homeless from Paris City Hall plaza and bussed them to the east France and even across the border into Belgium.

去年夏天的巴黎奥运会，法国警察赶走了在巴黎的流浪汉并且用大巴把他们送到法国东部，甚至穿过边界送去了比利时。



July 17

Why Brussels?



Political center

政治中心

Institutional proximity

机构邻近性

Complex social issues

复杂的社会问题

Practical concerns

实际问题



Brussels-Capital Region

Basic Road structure map





A photograph of a graffiti-covered wall behind a chain-link fence at night. The wall is covered in various graffiti tags and a large, colorful mural. The fence is made of metal mesh and runs along the wall. The ground is paved with cobblestones. The scene is dimly lit, with some light reflecting off the fence and the wall. The text "Where did they go?" is overlaid in white, bold, sans-serif font, underlined.

Where did they go?



1 Problem synopsis

1.1 Problem field

1.1.1 What is homelessness?

什么是流浪汉？

According to European Typology of Homelessness and Housing Exclusion (ETHOS), homelessness is identified into 4 main categories of living situation.

		Operational Category		Living Situation		Generic Definition
Conceptual Category	Roofless	1	People living rough	1.1	Public space or external space	Living in the streets or public spaces, without a shelterthat can be defined as living quarters
		2	People in emergency accommodation	2.1	Night shelter	People with no usual place of residence who make useof overnight shelter, low threshold shelter
	Houseless	3	People in accommodation for the homeless	3.1	Homeless hostel	Where the period of stay is intended to be short term
		4	People in women's Shelter	3.2	Temporary accommodation	
				3.3	Transitional supported accommodation	
				4.1	Women's shelter accommodation	Women accommodated to experience of domestic violence and where the period of stay is intended to be short term
		5	People in accommodation for immigrants	5.1	Temporary accommodation/recep-tioncentres	Immigrants in reception or short term accommo-dation due to their immigrant status
		6	People due to be released from institutions	5.2	Migrant workers accommodation	
				6.1	Penal institutions	No housing available prior to release Stay longer than needed due to lack of housing No housing identified (e.g. by 18th birthday)
				6.2	Medical institutions	
				6.3	Children'sinstitutions/homes	
	Insecure	7	People receiving longer-term support (due to homelessness)	7.1	Residential care for older homeless people-Supported accommodation for formerly	Long stay accommodation with care for formerly-homeless people (normally more than one year)
		8	People living in insecure accommodation	7.2	Homeless people	
				8.1	Temporarily with family/friends	Living in conventional housing but not the usual place of residence due to lack of housing
				8.2	No legal (sub)tenancy	
		9	People living under threat of eviction	8.3	Illegal occupation of land	Occupation of dwelling with no legal tenancy
				9.1	Legal orders enforced (rented)	Occupation of land with no legal rights
	Inadequate	10	People living under threat of violence	9.2	Re-possession orders (owned)	Where orders for eviction are operative Where mortgagee has legal order to re-possess
				10.1	Police recorded incidents	Where police action is taken to ensure place of safety for victims of domestic violence
				11.1	Mobile homes	
		11	People living in tempo-rary/non-conventional structures	11.2	Non-conventional building	Not intended as place of usual residence Makeshift shelter, shack or shanty
				11.3	Temporary structure	Semi-permanent structure hut or cabin
		12	People living in unfit housing	12.1	Occupied dwellings unfit for habitation	Defined as unfit for habitation by national legisla-tion orbuiding regulations
		13	People living in extreme over-crowding	13.1	Highest national norm of overcrowding	Defined as exceeding national density standard for foor-space or vesable rooms

Data source: ETHOS, FEANTSA
Figure 01: Made by author

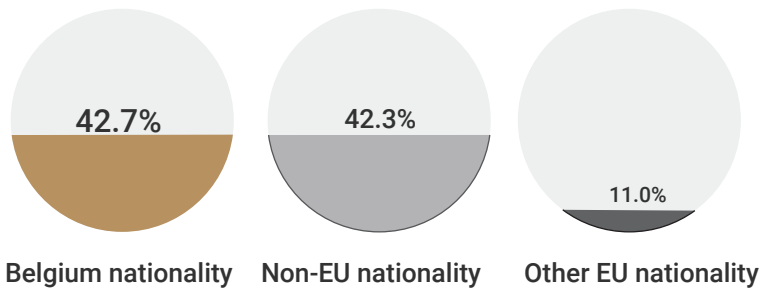
1 Problem synopsis

1.1 Problem field

1.1.2 Demographic background of homelessness in the Brussels-Capital Region

布鲁塞尔的流浪汉的统计数据

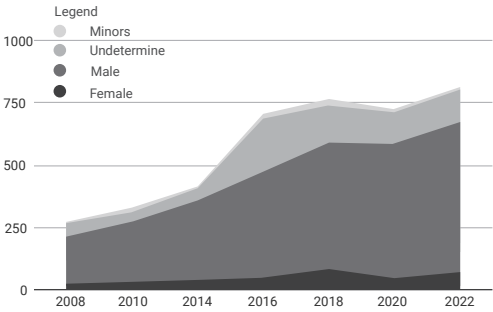
Nationality distribution



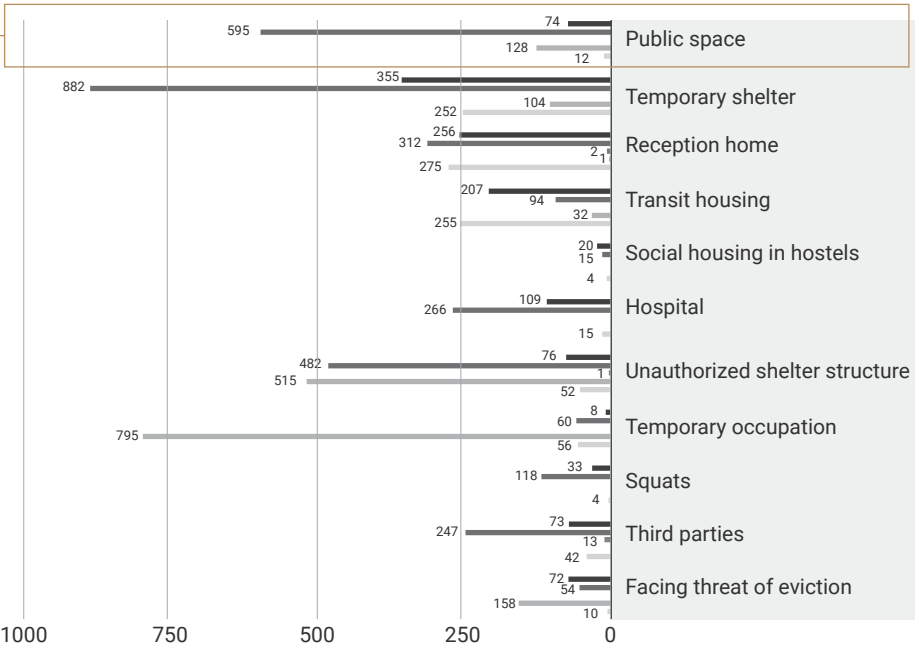
General number



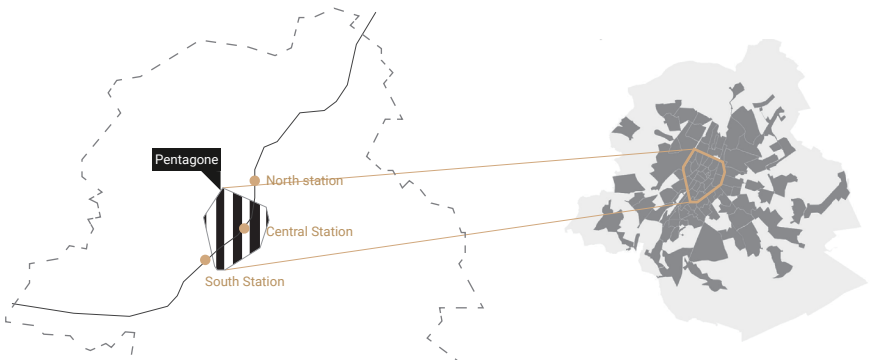
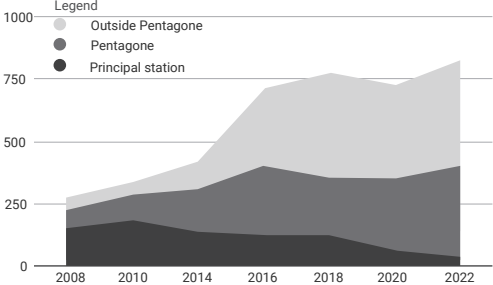
The change of people sleep in the public space by gender



Overall picture: distribution by gender and age



The change of people sleep in the public space by location



1 Steady Increase in Homelessness

流浪汉数量稳步增长

The number of the homeless in BCR tripled in last 12 years resulting with a number above 7000 people and it keeps increasing.

2 Nationality distribution

国籍分布情况

42.7% of homeless people have Belgian nationality, a proportion similar to the 42.3% who hold non-EU nationality, while 11% hold EU Nationality other than Belgian.

3 Alarming picture in the Most Vulnerable Category: Roofless

睡在接头的人是最值得注意的那部分最脆弱的人

By 2022, 33.7% of homelessness are sleeping on the street.

4 Geographic Distribution

地理分布

The distribution of rooflessness across the three main train stations is declining.

Data source: Dénombrement des personnes sans-chez-soi en Région de Bruxelles-Capitale Septième édition, 8 novembre 2022
Made by author

1 Problem synopsis

1.1 Problem field

1.1.3 Affordable housing issue in BCR

布鲁塞尔的经济适用房问题

■ Obsession of homeownership

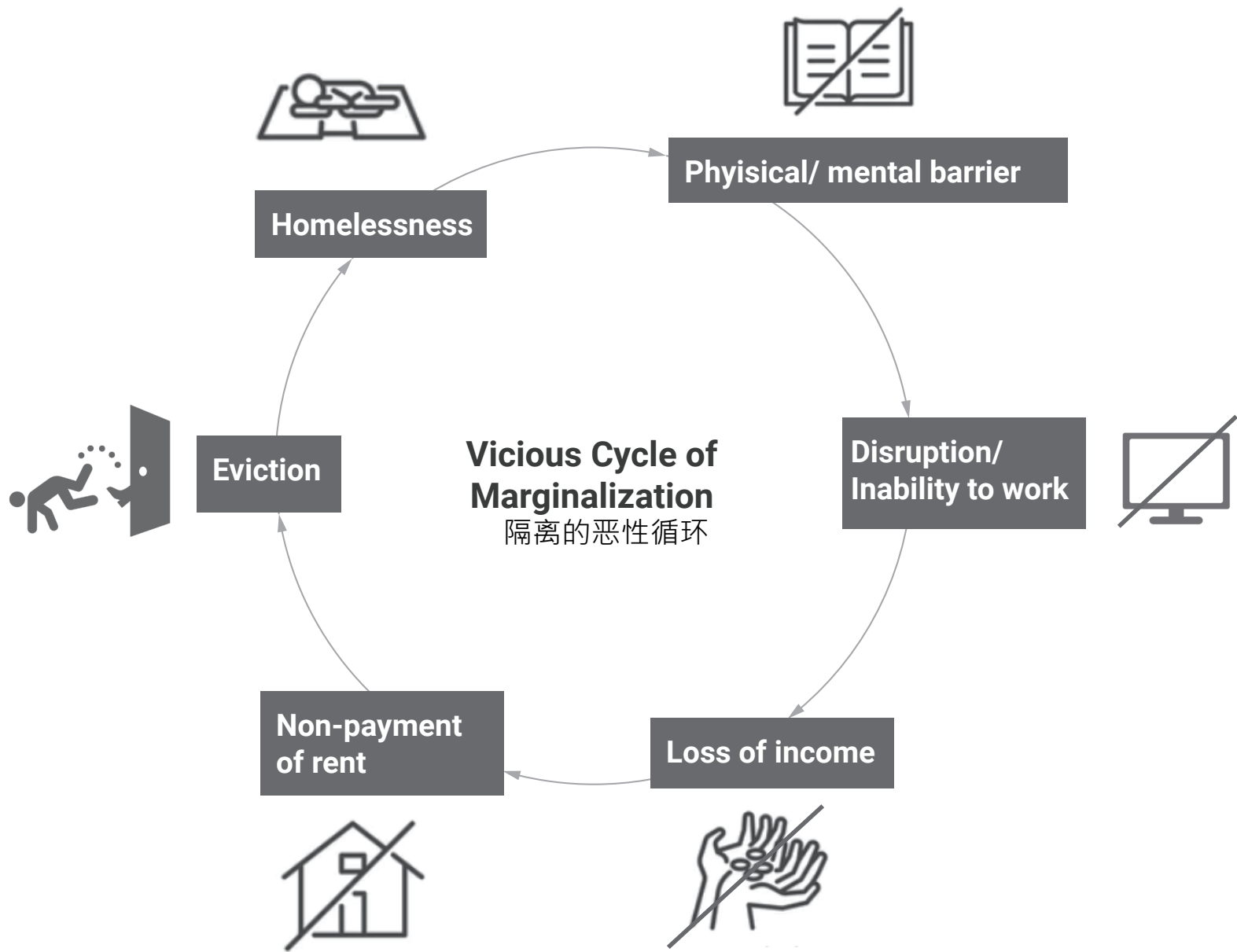
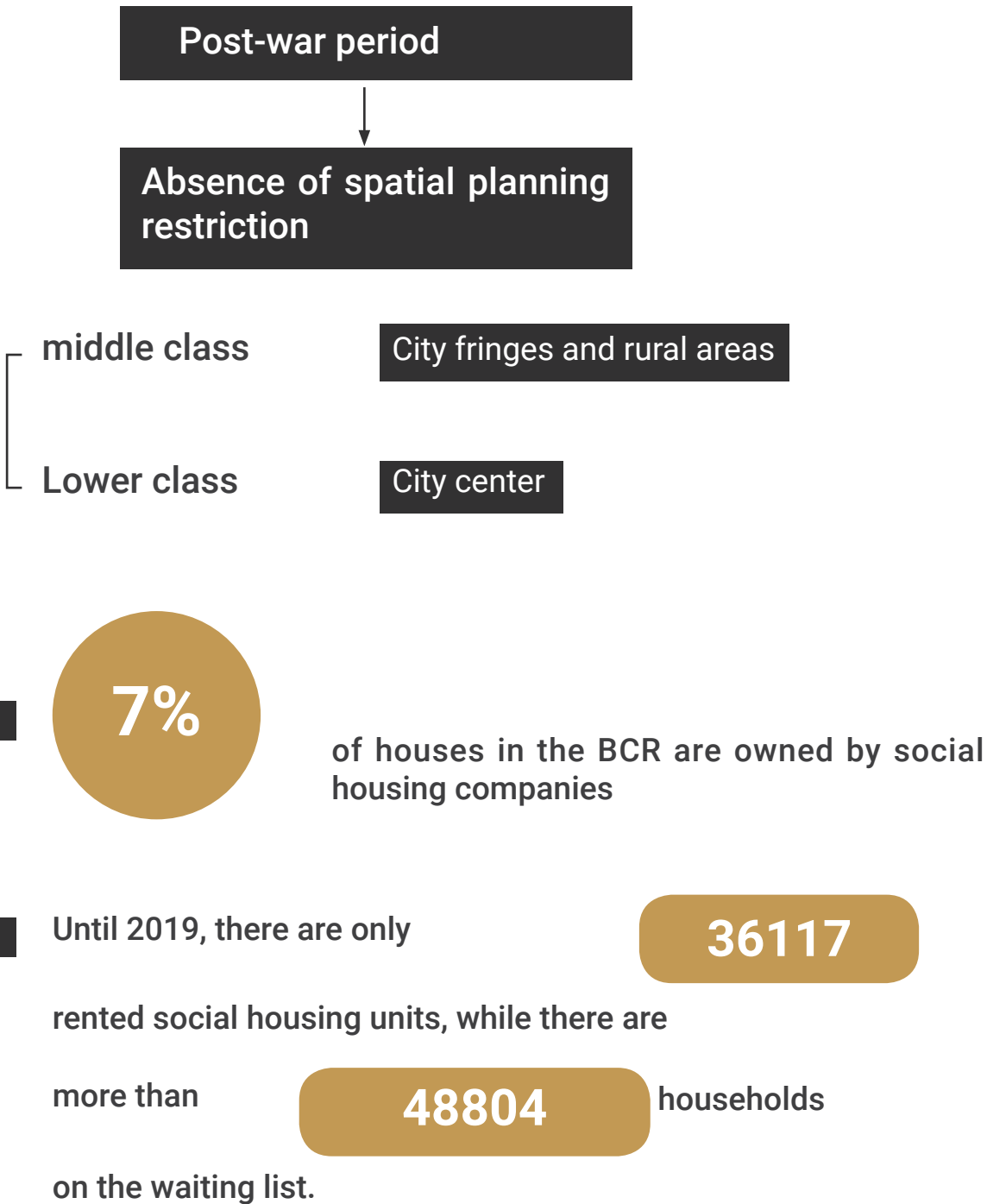


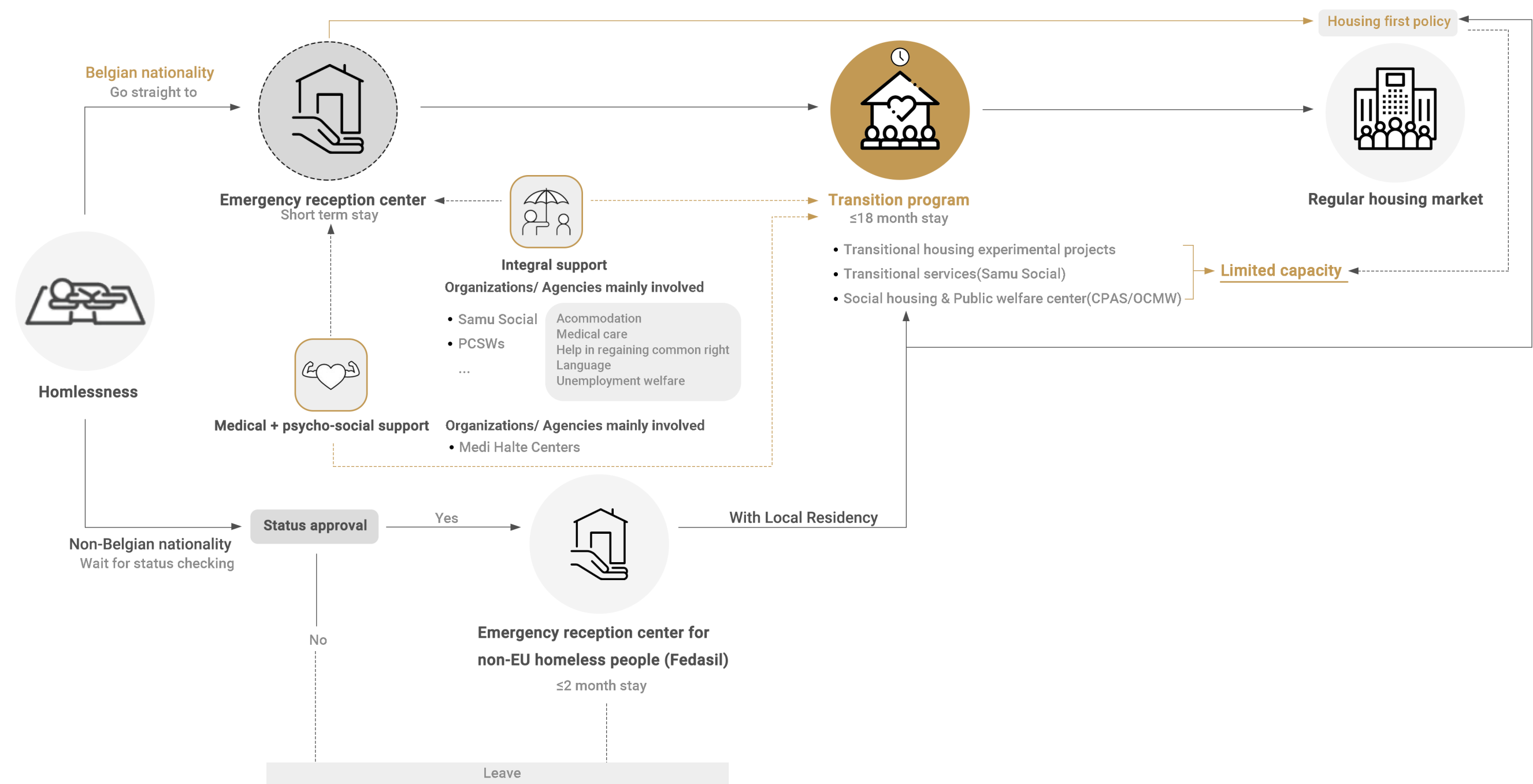
Figure 06: Vicious cycle of marginalization
Made by author

1 Problem synopsis

1.1 Problem field

1.1.4 The procedure of getting an accommodation for homelessness

流浪汉获得住房的路径

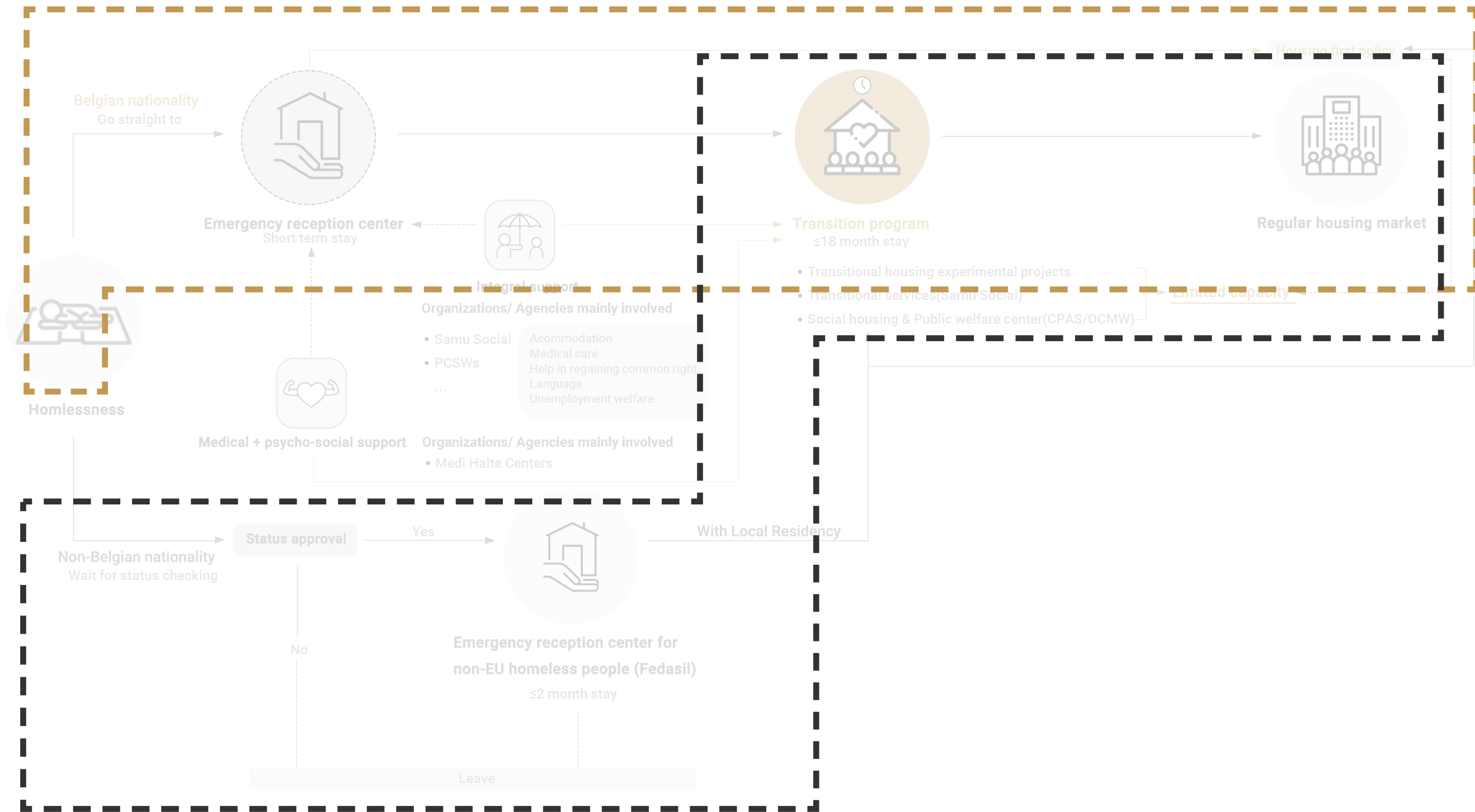


1 Problem synopsis

1.1 Problem field

1.1.4 The procedure of getting an accommodation for homelessness

Two trajectories



1 Problem synopsis

1.1 Problem field

1.1.5 Master plan of ending homelessness

减少流浪汉计划 2030

In April 2024, Bruss’help proposed a master plan to end homelessness in Brussels by 2030, as a guideline for the government.

strengthening prevention

improving rapid action

optimising support

combating institutional violence

Transit system

Two-thirds of emergency shelters should be transformed into transit places, so people don’t stay there too long and enter the regular network more quickly.

Sets a target of allocating 1,200 transitional housing units and flexible rental agreements annually, providing immediate and adaptable housing solutions.

Image 02: Masterplan of ending homelessness
Source: Bruss’ Help

Masterplan

Towards a region without homeless people



Scan me to access the full document.

Some important measures

PILLAR 1

- Coalition with related sectors that come into contact with risk groups: youth care, healthcare institutions, penitentiary institutions, migration policy
- Housing Loss Prevention Plan.

PILLAR 2

- A 3-level collective reception model including emergency reception, unconditional transit places & self-managed collective reception places
- Increase the number of placements to 5,000 by converting 2,000 of the 3,000 emergency shelter places
- Optimize the centralization of the referral system.

PILLAR 3

- Obtain more housing
- Improve access to the reference address
- Providing information for a global social dossier
- Meeting the needs of target groups with addictions and mental health problems
- Develop collective guidance.

PILLAR 4

- Better involve rights holders in the process
- Decisions taken together with the beneficiaries were taken, included in the internal regulations of the centres
- Intervisions within the centers
- Establish a commission for the protection of rights holders.

PILLAR GOVERNANCE

- Membership at the AV based on compliance with the Masterplan
- Three committees: emergency aid, deployment and evaluation
- Consultation between politics and civil society
- Institutional dialogue
- Evaluation and amendment of the Master Plan.

bruss’help.brussels

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1 Problem synopsis

1.2 Problem statement

很少的经济适用房

Limited affordable housing

增长的街头流浪汉

Increasing rooflessness

路径依赖

Trajectory dependency

隔离的恶性循环

Vicious cycle of Segregation

Looking for more transitional housing opportunities for belgian roofless people has become an urgent task. This effort is essential to enabling them to re-enter the formal housing market within a shorter timeframe and to avoid endless socio-economic marginalization.

为比利时无家可归者寻找更多过渡性住房机会已成为一项紧迫任务。这一努力对于帮助他们更快地重新融入正式住房市场、避免长期社会经济边缘化至关重要。



1 Problem synopsis

1.2 Problem statement

Even though shelter as well as housing in the intermediate phase are temporary situations, they should be seen as proper residential contexts. The locations, scales and typologies of these projects should be assessed in relation to potential social and spatial interactions.

为比利时无家可归者寻找更多过渡性住房机会已成为一项紧迫任务。这一努力对于帮助他们更快地重新融入正式住房市场、避免长期社会经济边缘化至关重要。

Wyckaert, Leinfelder and De Decker

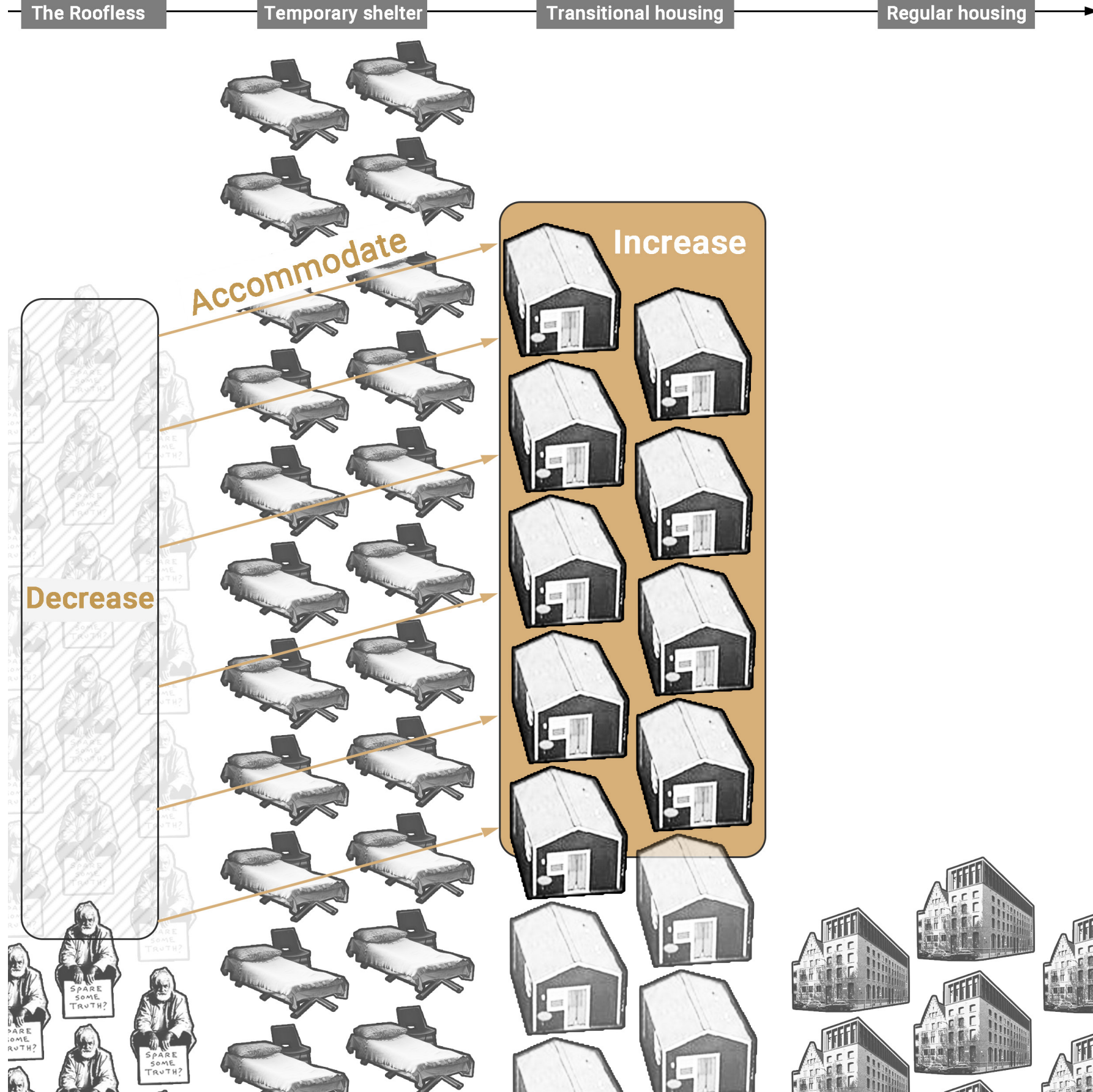
Stuck in the middle: The transition from shelter to housing for refugees.

2 Research aim

研究目的

The aim of the thesis is to develop a transitional housing stage that can mitigate the housing problem of Belgian nationality roofless people, ultimately enable them to transit more quickly and stably into the regular housing market.

本论文旨在开发一个过渡性住房阶段，以缓解比利时籍无家可归者的住房问题，最终使他们能够更快速、更稳定地过渡到常规住房市场。



3 Research question

研究问题

「How can the transitional housing stage mitigate the housing shortage issue among the Belgian nationality roofless in the Brussels-Capital Region?

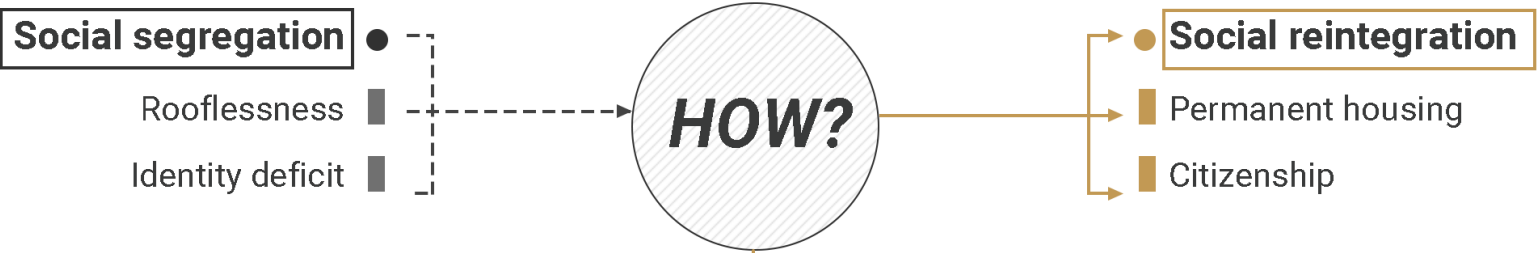
过渡性住房阶段如何缓解布鲁塞尔首都大区比利时籍无家可归者的住房短缺问题？



4 Theory and concept

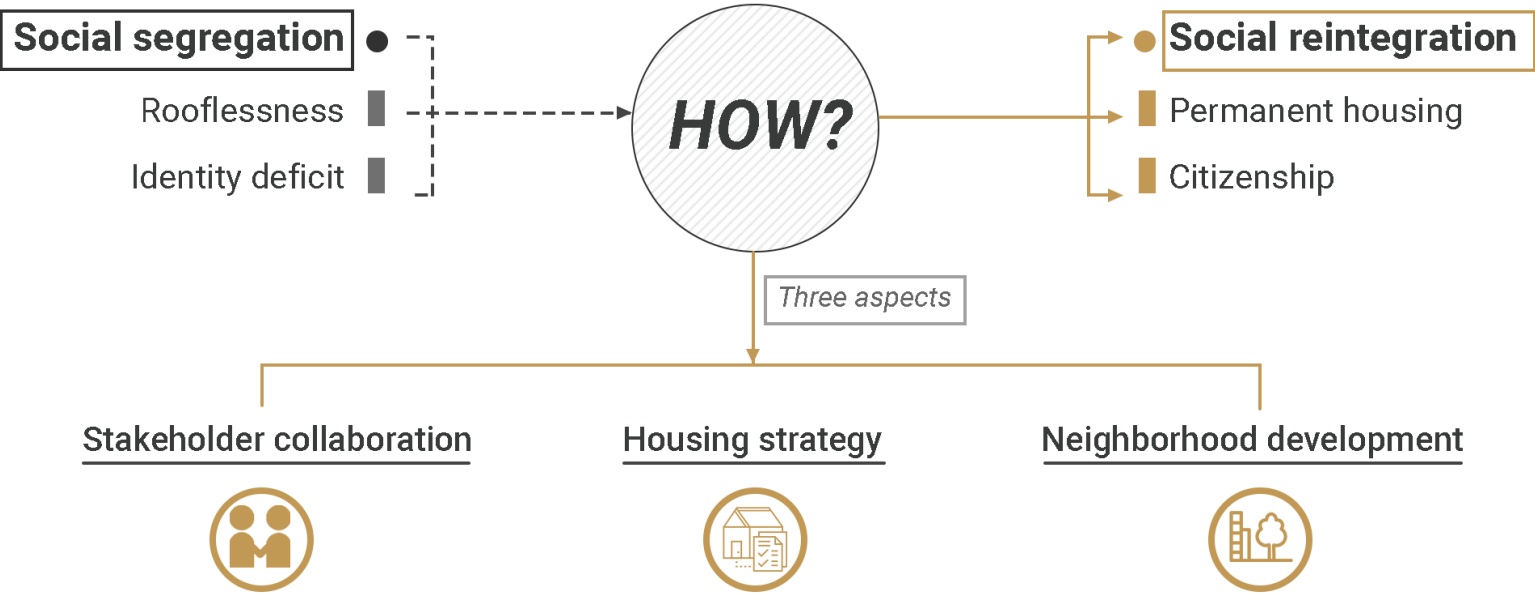
4.2 Conceptual framework

概念框架



4 Theory and concept

4.2 Conceptual framework



4 Theory and concept

4.2 Conceptual framework

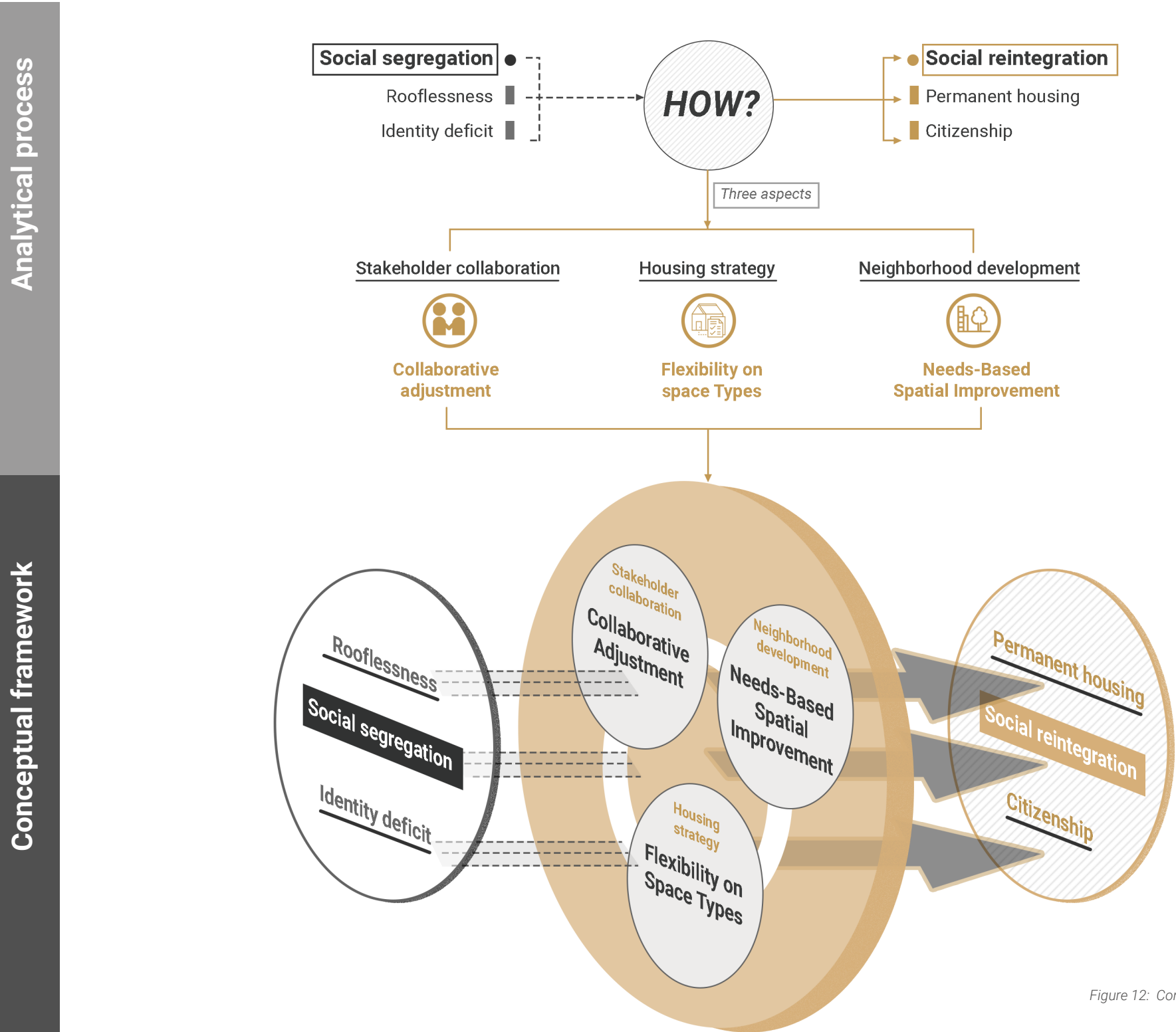
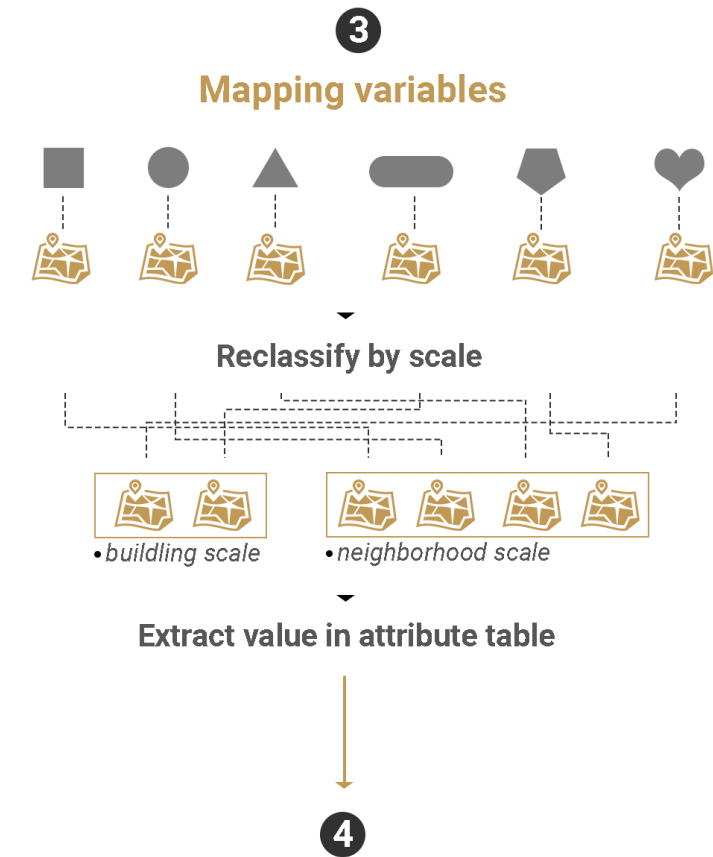
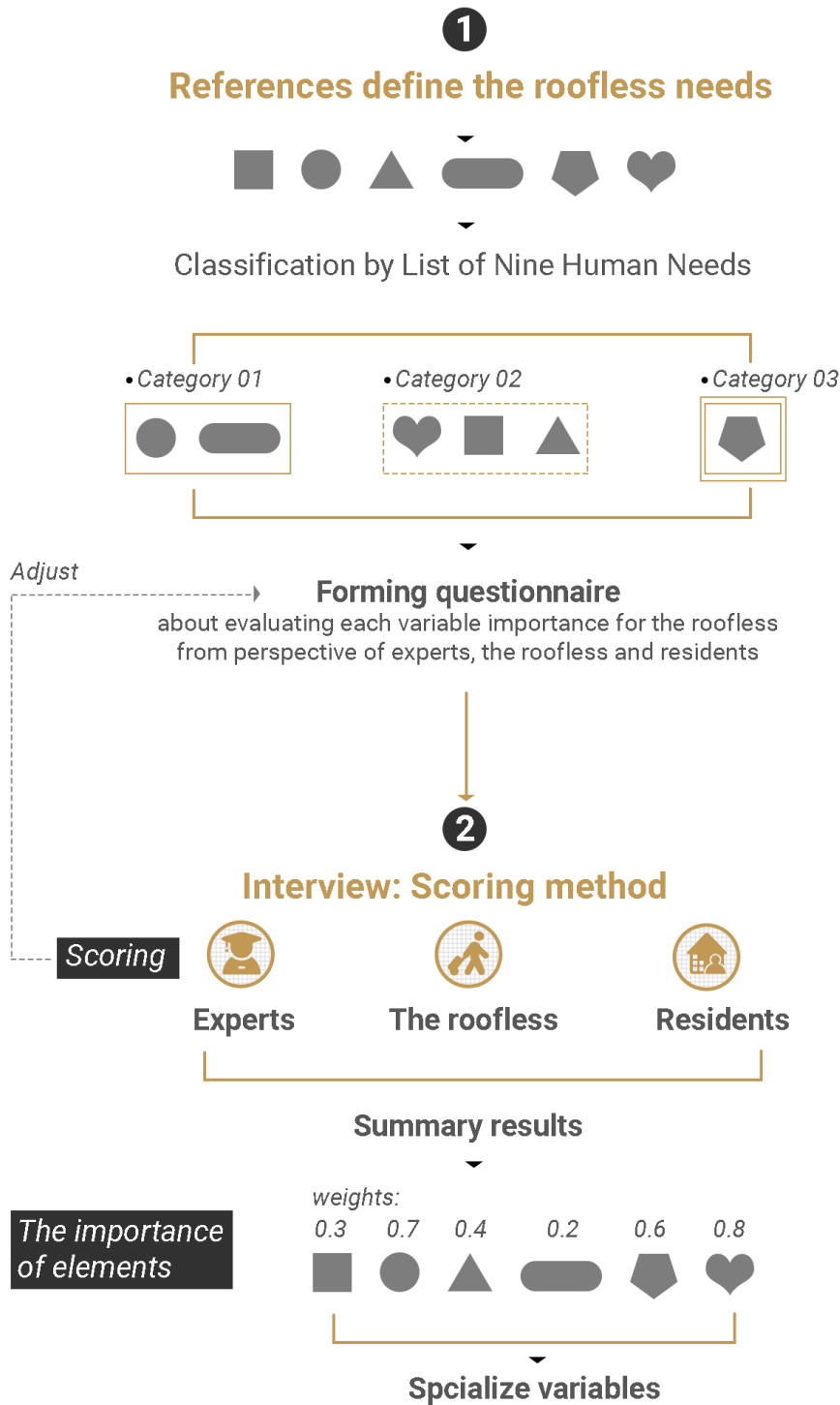


Figure 12: Conceptual framework
Made by author

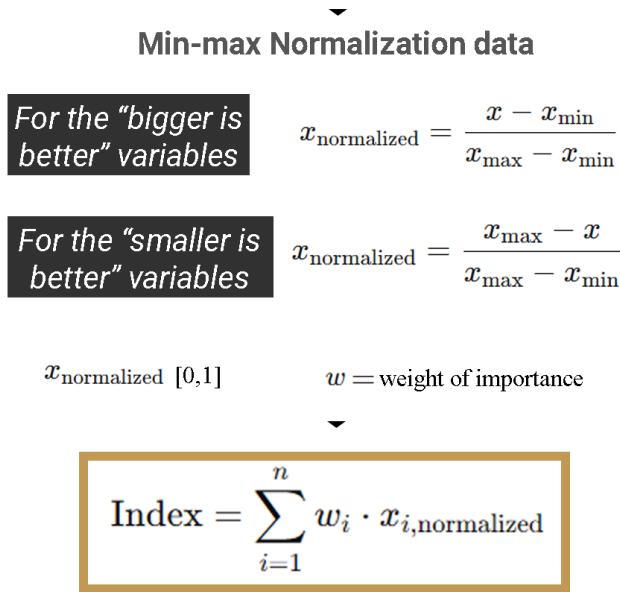
5 Quantification and fieldwork

5.1 Analytical framework

分析框架



Index of Reintegration Supportiveness



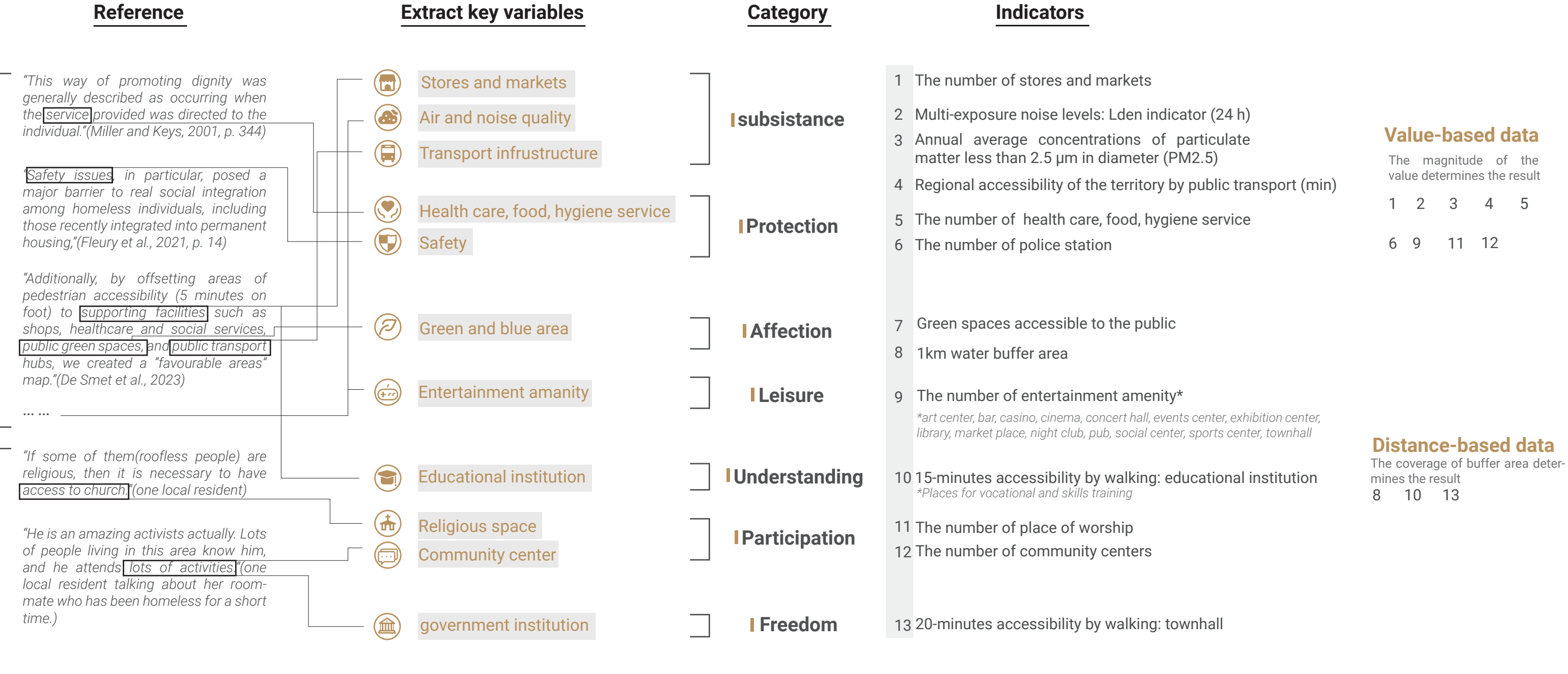
5 Quantification and fieldwork

5.2 Needs of homelessness

需求分析过程

From literature

From interview



Value-based data

The magnitude of the value determines the result

1 2 3 4 5

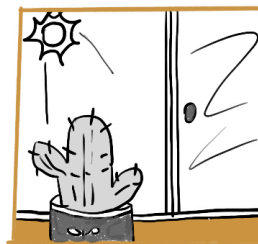
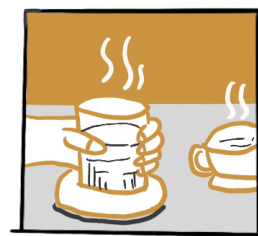
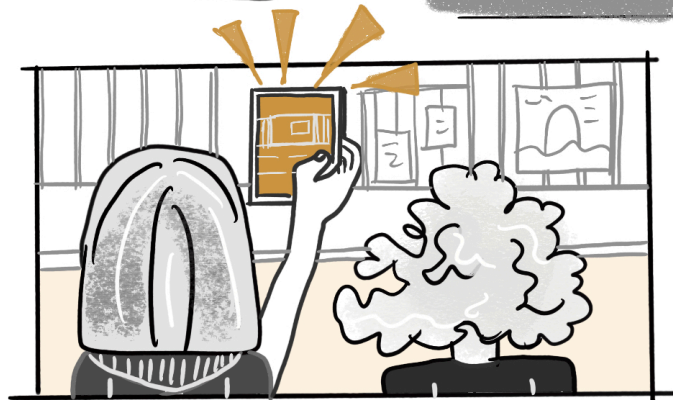
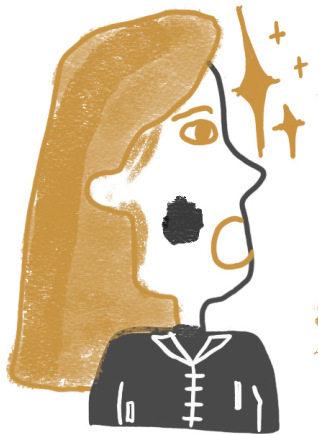
6 9 11 12

Distance-based data

The coverage of buffer area determines the result

8 10 13

FIELD WORK

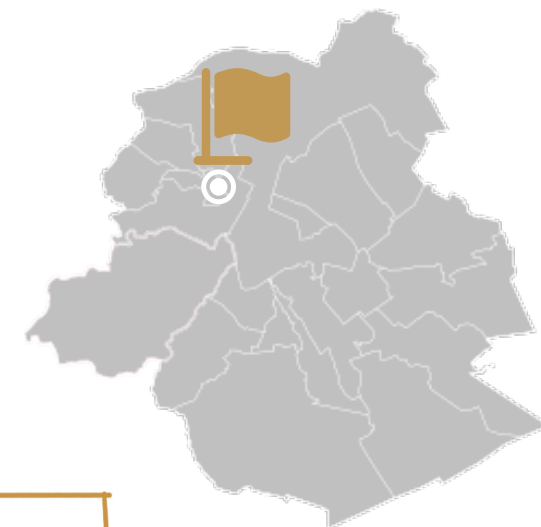


5 Quantification and fieldwork

5.3 Field work

5.3.1 The process of fieldwork

Interview with experts from NGO and KU Leuven who are working with Solidary Mobile Housing Pilot Project in BCR





GEMBA
1a

Safety

LOVE

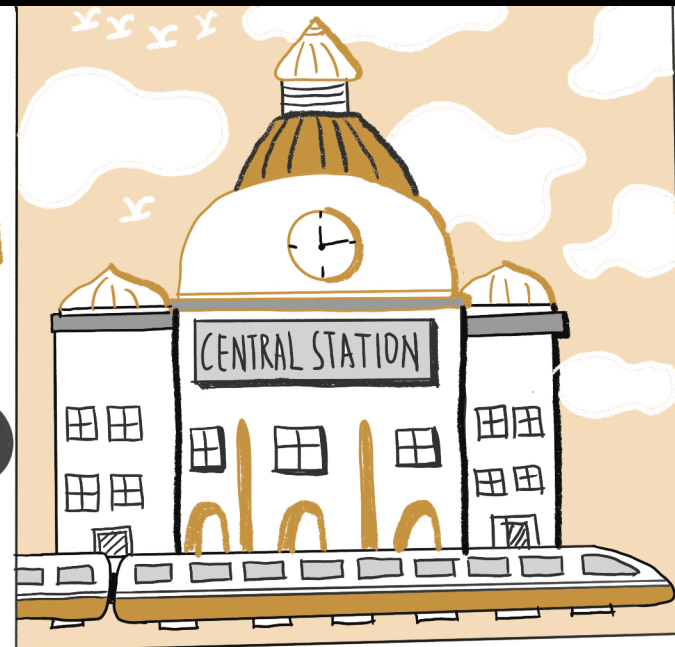
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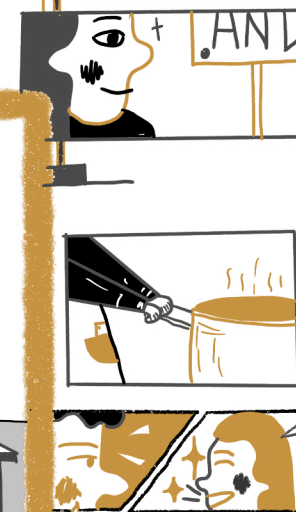
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Ville
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FIELD WORK



FROM CENTRAL TO MIDI





CULTUREGHEM

Taking care of fitness. Ever

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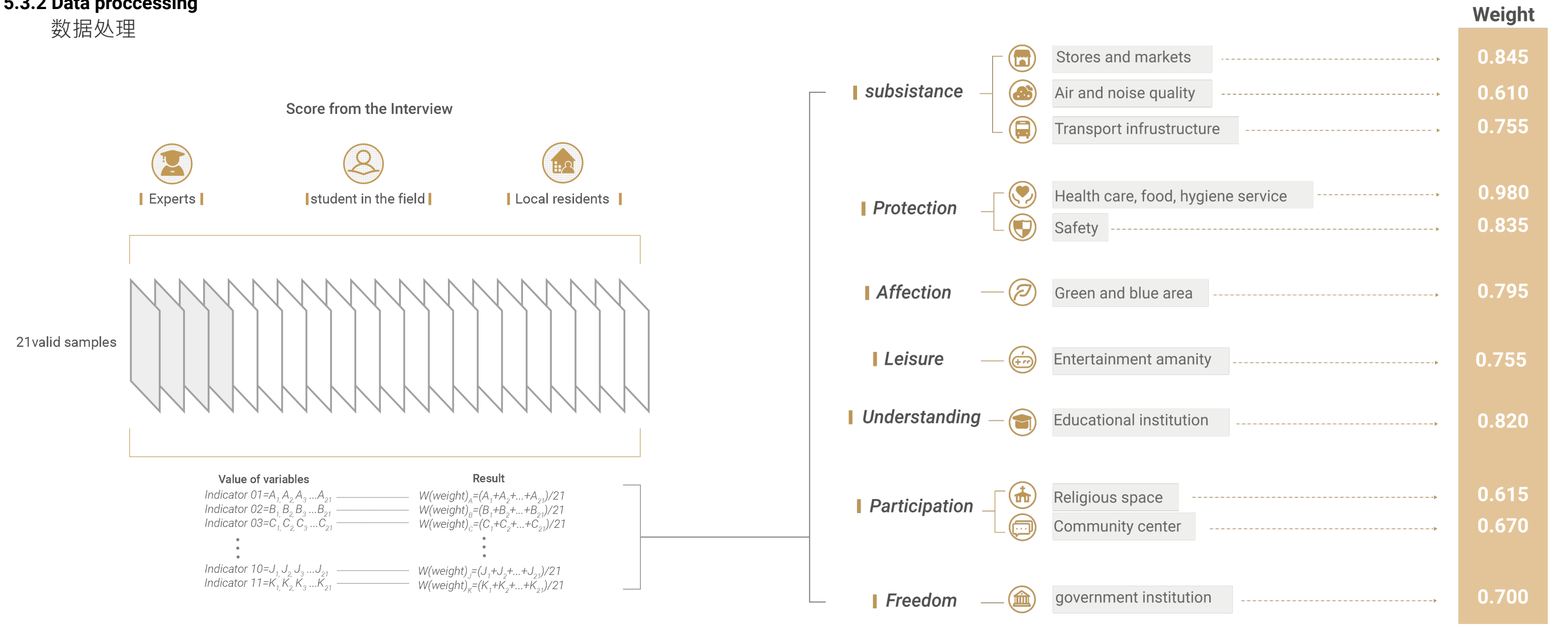


5 Quantification and fieldwork

5.3 Field work

5.3.2 Data processing

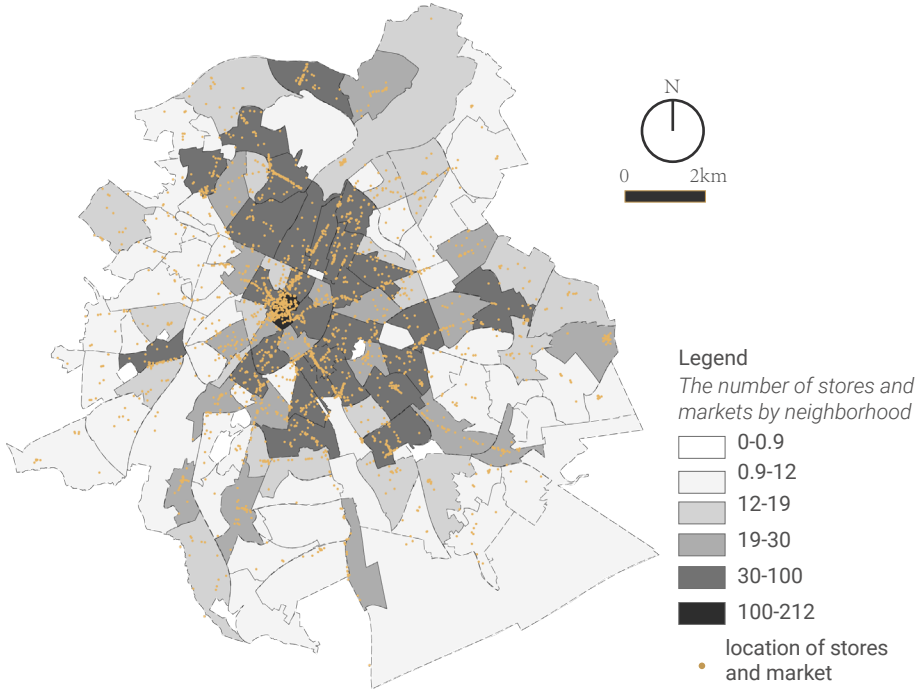
数据处理



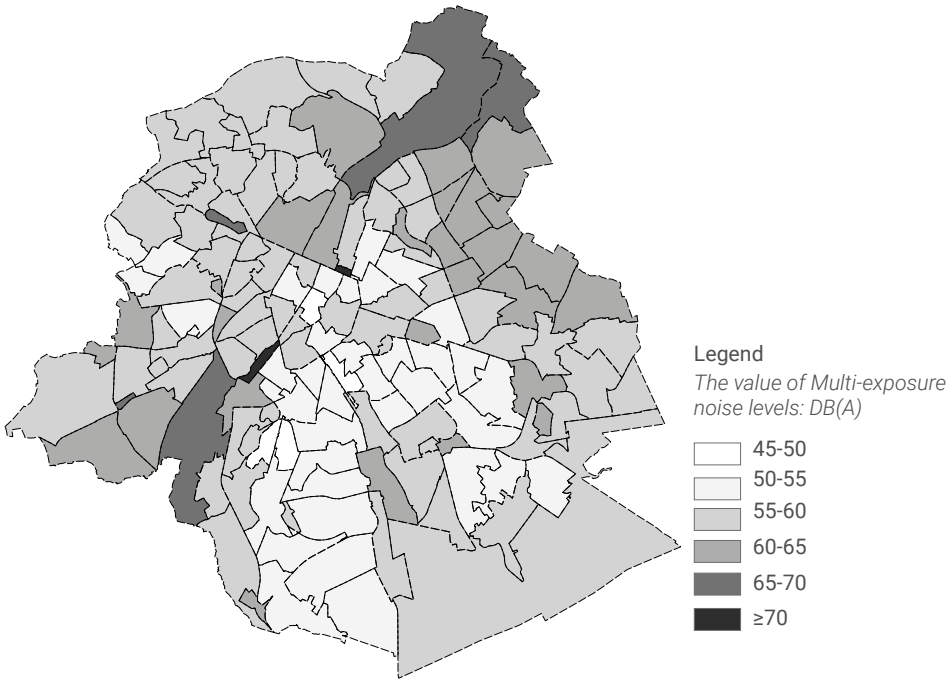
6 Reintegration supportiveness evaluation

6.1 Spatialize variables

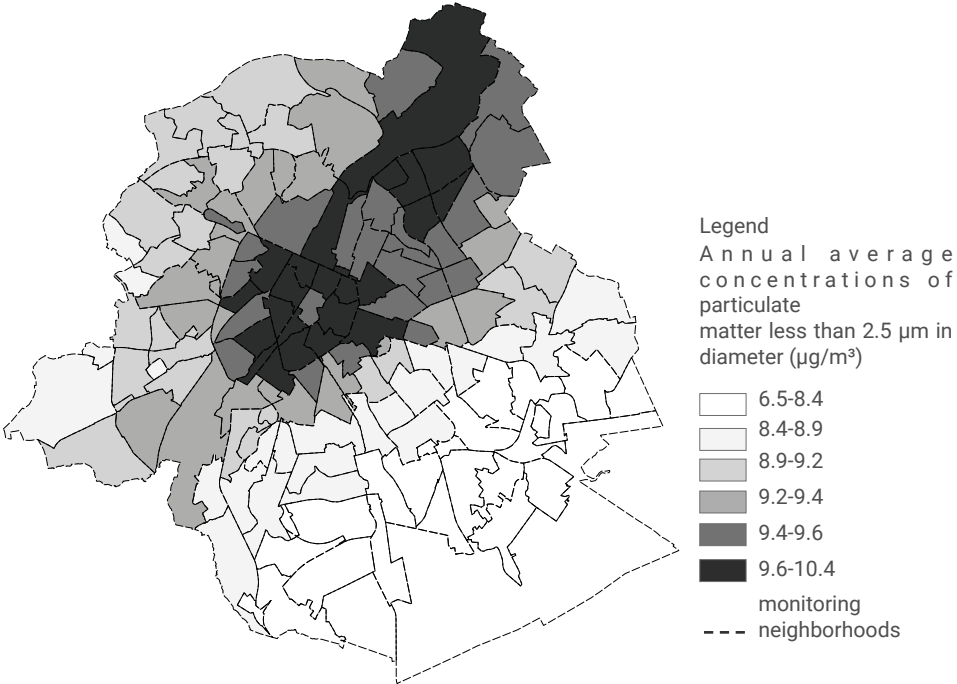
Indicator01(I₁)
The number of stores and markets by neighborhood



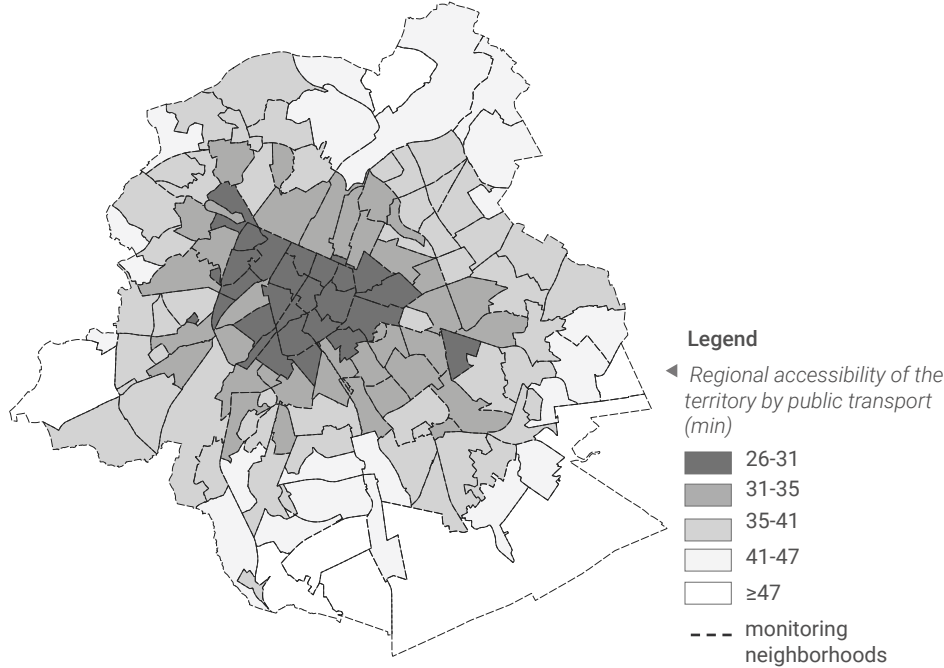
Indicator02(I₂)
Multi-exposure noise levels: Lden indicator (24 h)



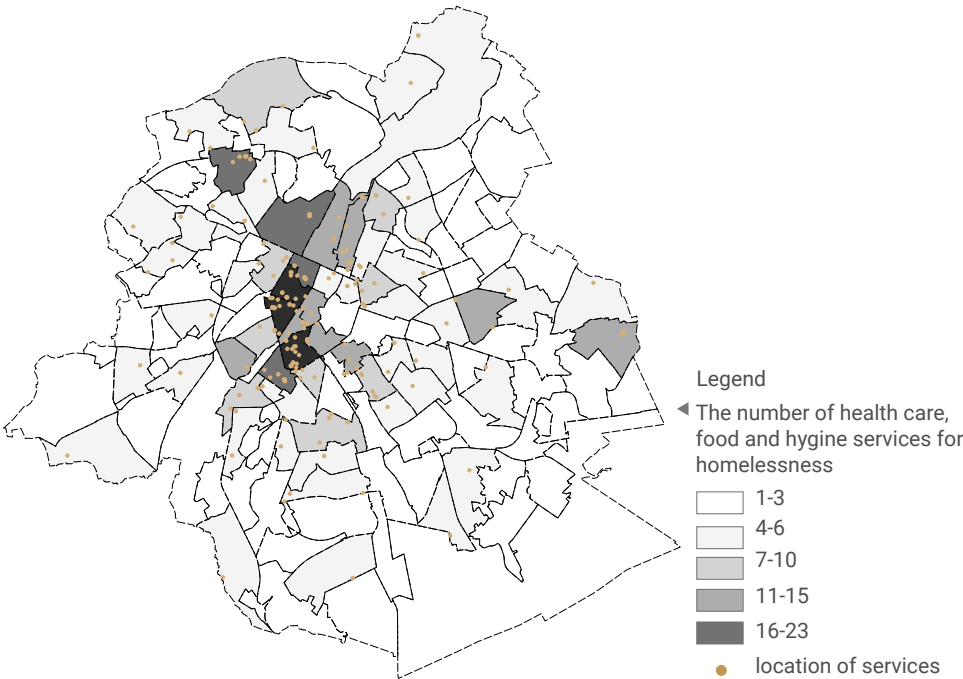
Indicator03(I₃)
Annual average concentrations of particulate matter less than 2.5 µm in diameter (PM2.5) (µg/m³)



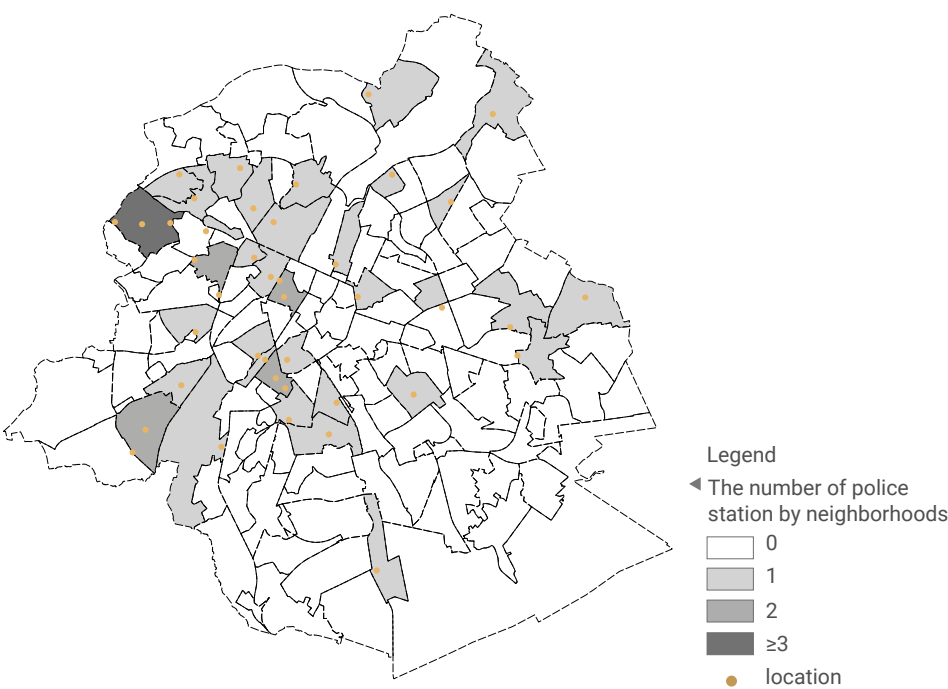
Indicator04(I₄)
Regional accessibility of the territory by public transport (min)



Indicator05(I₅)
The number of health care, food and hygiene services for homelessness by neighborhood



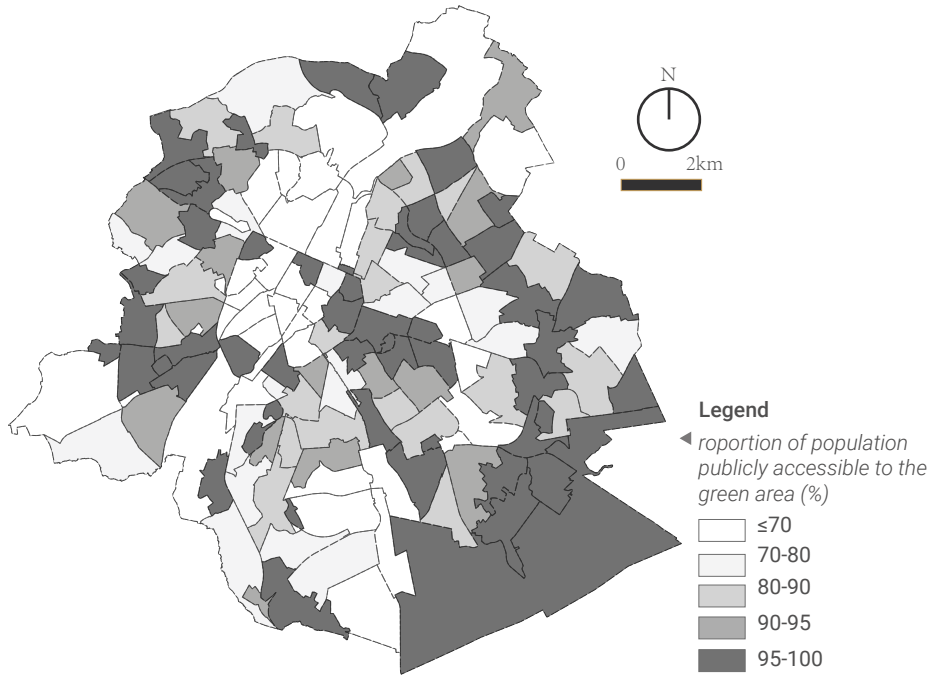
Indicator06(I₆)
The number of police station by neighborhood



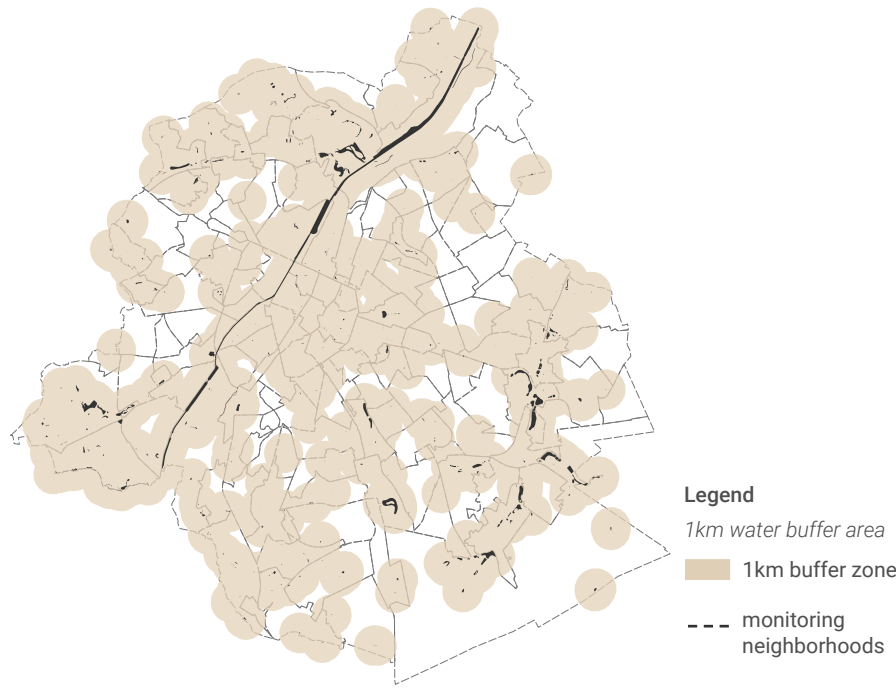
6 Reintegration supportiveness evaluation

6.1 Spatialize variables

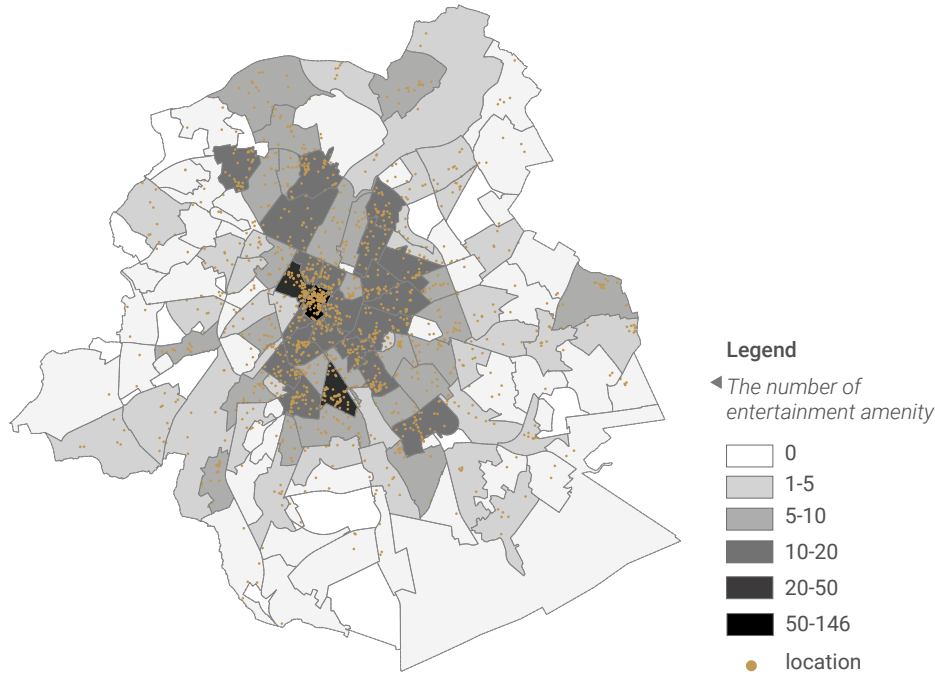
Indicator07(I₇)
Proportion of population publicly accessible to the green area (%)



Indicator08(I₈)
1km water buffer area of water



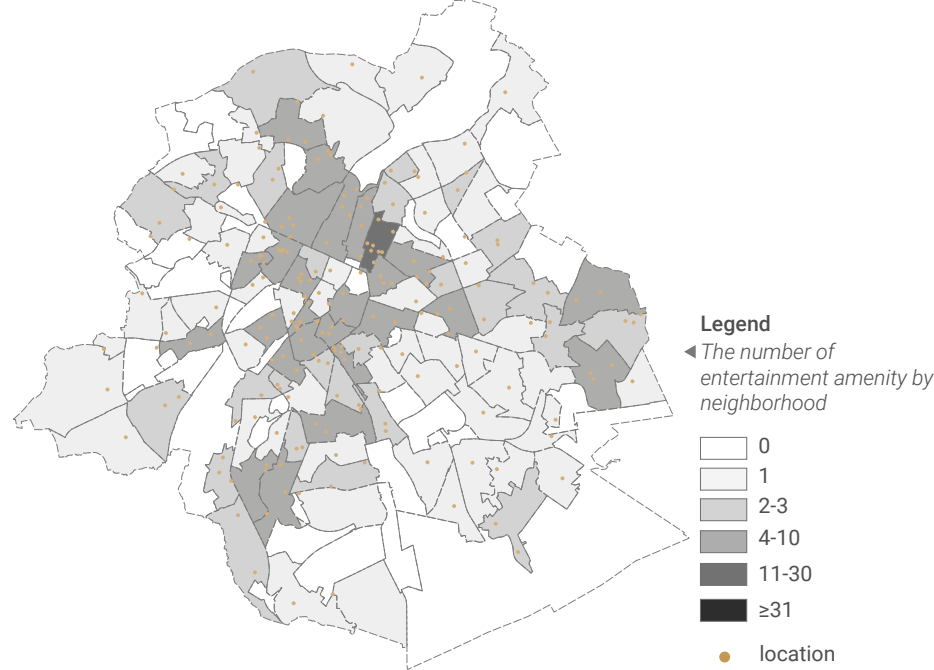
Indicator09(I₉)
The number of entertainment amenity by neighborhood



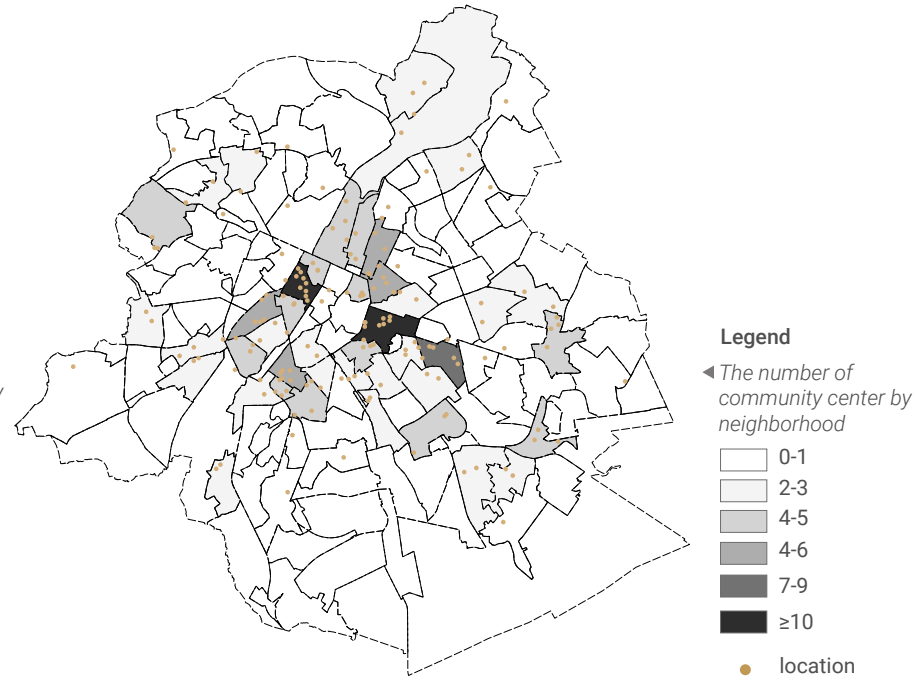
Indicator10(I₁₀)
15-minutes accessibility by walking: based on road network



Indicator11(I₁₁)
The number of worship place by neighborhood



Indicator12(I₁₂)
The number of community center by neighborhood



6 Reintegration supportiveness evaluation

6.1 Spatialize variables

Indicator13(I₁₃)
20-minutes accessibility by walking: based on road network



Define indicators

Stores and markets

Air and noise quality

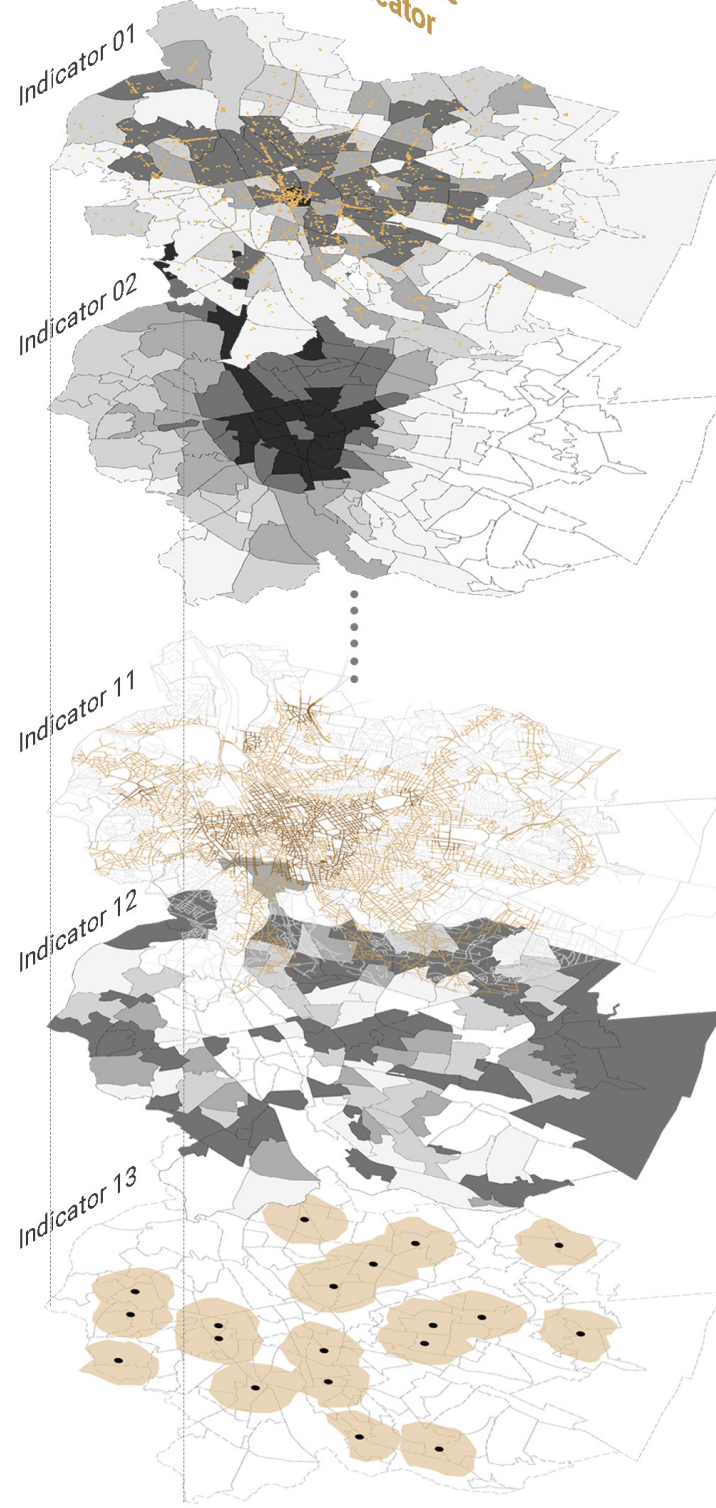
...

Access to public transportation

Access to public green space

Government institution

Mapping the indicator



Merge and data processing

Normalization

$$x_{\text{normalized}} = \frac{x - x_{\min}}{x_{\max} - x_{\min}}$$

$$x_{\text{normalized}} = \frac{x_{\max} - x}{x_{\max} - x_{\min}}$$

$x_{\text{normalized}} [0,1]$

Sum up

$w = \text{weight of Indicator}$

$$\text{Index} = \sum_{i=1}^n w_i \cdot x_{i,\text{normalized}}$$

6 Reintegration supportiveness evaluation

6.2 Synthetic map of Reintegration Supportiveness

重新融入支持性综合图谱

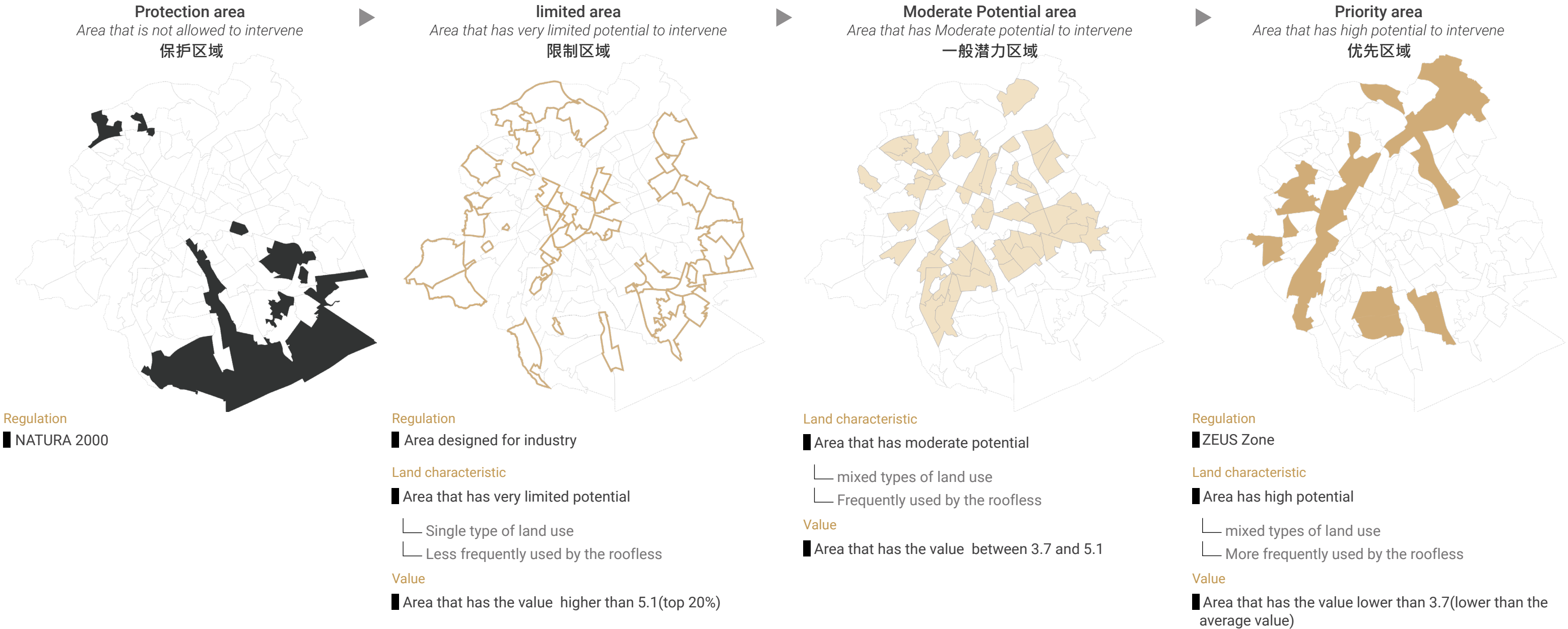


urbis_id	name_nl	Value
2	Dansaert	6.40785
48	Hallepoort	6.33517
1	Grote markt	5.90364
25	Sint-joost centrum	5.83512
8	Marollen	5.78601
72	Jette centrum	5.45423
24	Haachtse steenweg	5.23273
7	Zavel	5.22866
10	Anneessens	5.13857
35	Europawijk	5.05918
16	Historisch molenbeek	5.04027
67	Sint-agatha berchem centrum	5.03409
63	Karreveld	4.97593
12	Kuregem veeartsenij	4.95382
37	Flagey - malibran	4.91788
32	Sint-pieter	4.88608
41	Berckmans - munthof	4.86577
47	Hoog sint-gillis	4.85769
36	Matonge	4.84155
3	Begijnhof - diksmuide	4.83335
33	Jacht	4.81575
17	Koekelberg	4.76707
9	Stalingrad	4.75621
11	Kuregem bara	4.74258
6	Koningswijk	4.68678
29	Squares	4.67888
26	Dailly	4.67367
90	Roodebeek - sterrebeelden	4.66315
18	Havenwijk	4.65476
69	Ganshoren centrum	4.61251
5	Onze lieve vrouw ter sneeuw	4.56098
22	Brabantwijk	4.54422
34	Jourdan	4.52605
118	Sint-denijs - neerstalle	4.47787
83	Conscience	4.43513
27	Josaphat	4.39516
68	Villa's van ganshoren	4.39297
38	Hospitaal etterbeek - elsene	4.3895
116	Globe	4.37251
21	Noordwijk	4.35545
88	Georges henri	4.31338
50	Laag vorst	4.31169
79	Vrede	4.2979
93	Woluwelaan	4.28781
40	Louiza - langehaag	4.28573
43	Brugmann - lepoutre	4.27068
15	Weststation	4.25281
103	Bosvoorde centrum	4.25154
908	Wolvendaelpark	4.23038
917	Boudewijnpark - dielegembos	4.22469
58	Anderlecht centrum - wayez	4.20171
101	Drie linden	4.18745
107	Universiteitswijk	4.17741
4	Martelaars	4.17424
42	Kastelein	4.17285
804	Zuidstation	4.16737
39	Vijvers van elsene	4.10612
51	Van volxem - van haelen	4.10415
117	Vossegat - roosendaal	4.05676
71	Woeste	4.04579
14	Hertogin	4.02366
70	Basiliek	4.0231
98	Oudergem centrum	4.01324
66	Potaarde	3.99626
49	Bosnie	3.98156
28	Plasky	3.95061
102	Transvaal	3.90508
52	Veeweide - aurore	3.88148
13	Kuregem dauw	3.82077
84	Leopold iii laan	3.80386
45	Moliere - longchamp	3.74321
901	Josaphatpark	3.73248
20	Oud laken oost	3.73071
75	Houba	3.71762
23	Colignon	3.71512
805	Industrie birmingham	3.70355
909	Dudenpark - park van vorst	3.60738
902	Kruidtuin	3.59454
80	Helmet	3.57733
82	Terdelt	3.56918
30	Tervurense poort	3.56344
89	Gribaumont	3.54324
904	Leopoldpark	3.52569
92	Kapelleveld	3.47259
31	Sint-michiel	3.4707
46	Hoogte 100	3.46629
913	Marie-josepark	3.44873
903	Jubelpark	3.44629
905	Park van woluwe	3.44303
104	Watermaal centrum	3.43506
59	Scheut	3.43314
81	Schaarbeek station	3.41372

6 Reintegration Supportiveness evaluation

6.3 Identifying Key Intervention Area

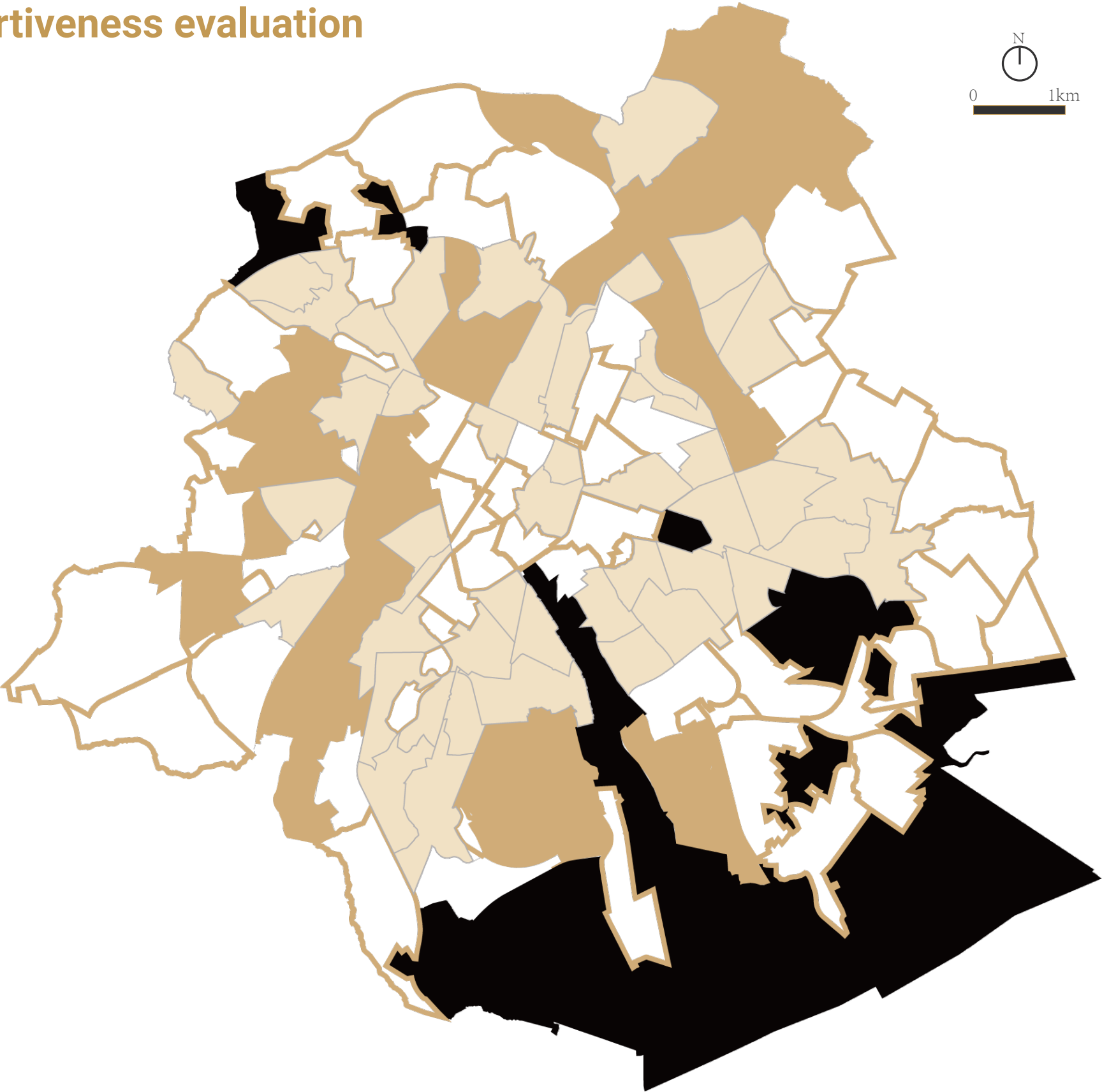
确定关键干预区域



6 Reintegration Supportiveness evaluation

6.3 Conditional map

条件地图



Legend

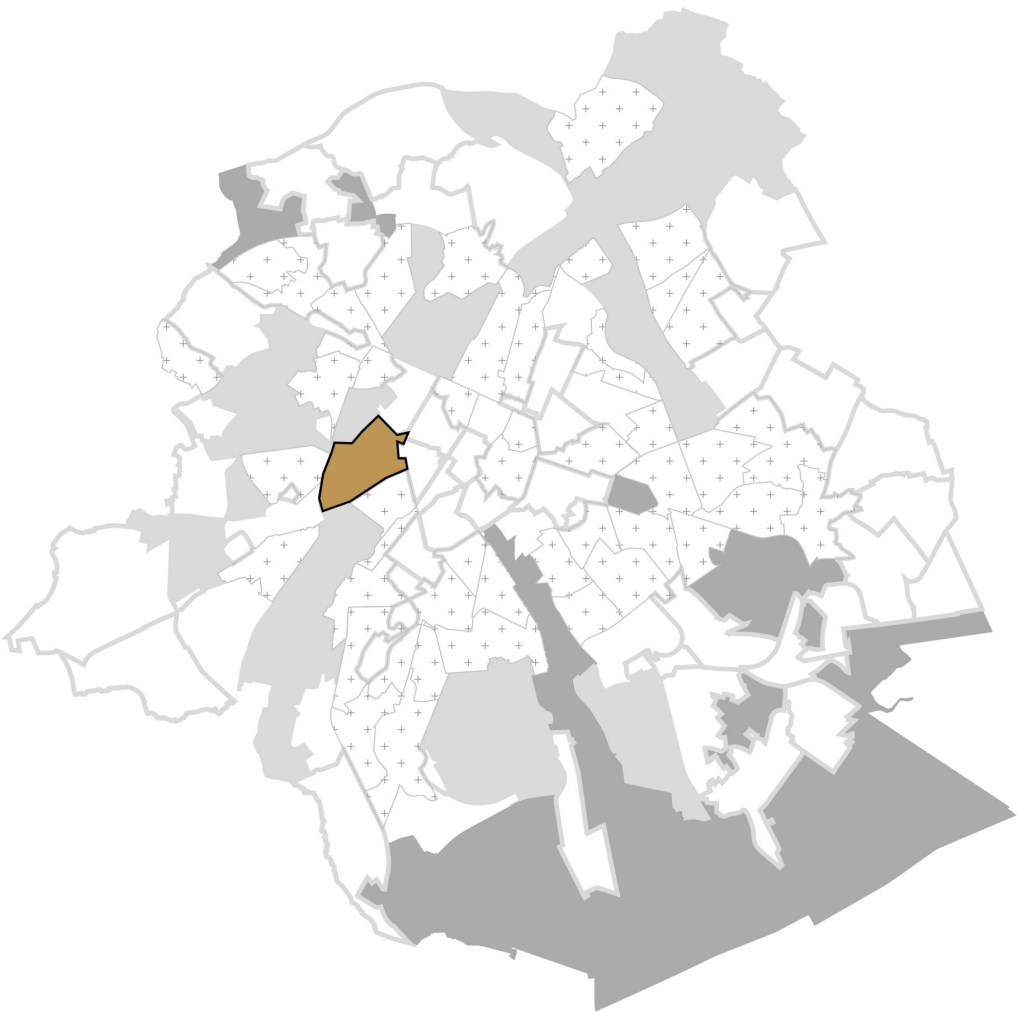
Four condition

- Priority area
- Moderate area
- Limited area
- Protection area

6 Reintegration Supportiveness evaluation

6.5 Intervention area

干预区域



7 Strategy of transitional stage

7.1 Echoing The Masterplan

与计划呼应

Pillar 2-reusing vacant properties

Measure 11.8 sets a SMART goal that by 2030, **20% of vacant housing in each municipality should be brought under public housing management**. This opens up opportunities for reusing vacant properties to provide affordable housing for the homeless.

Measure 13.1 sets a target of **allocating 1,200 transitional housing units and flexible rental agreements annually**, providing immediate and adaptable housing solutions.

Pillar 3-integration of employment and housing

Measure 21 introduces a large-scale Housing First 2.0 program, with a SMART goal of **helping 300 homeless individuals per year access decent jobs and sustainable and affordable housing**. The integration of employment and housing aims to enable more personalized, point-to-point assistance.

Pillar 4-future system

Pillar 4 focuses on long-term prevention, particularly on addressing institutional violence and amplifying the voices of rights holders. It stresses **the need for a comprehensive, accountable, and sustainable system as a foundation to prevent future homelessness**.



Conceptual framework
key elements

Stakeholder collaboration

Collaborative
adjustment



Housing strategy

Flexibility on space Types

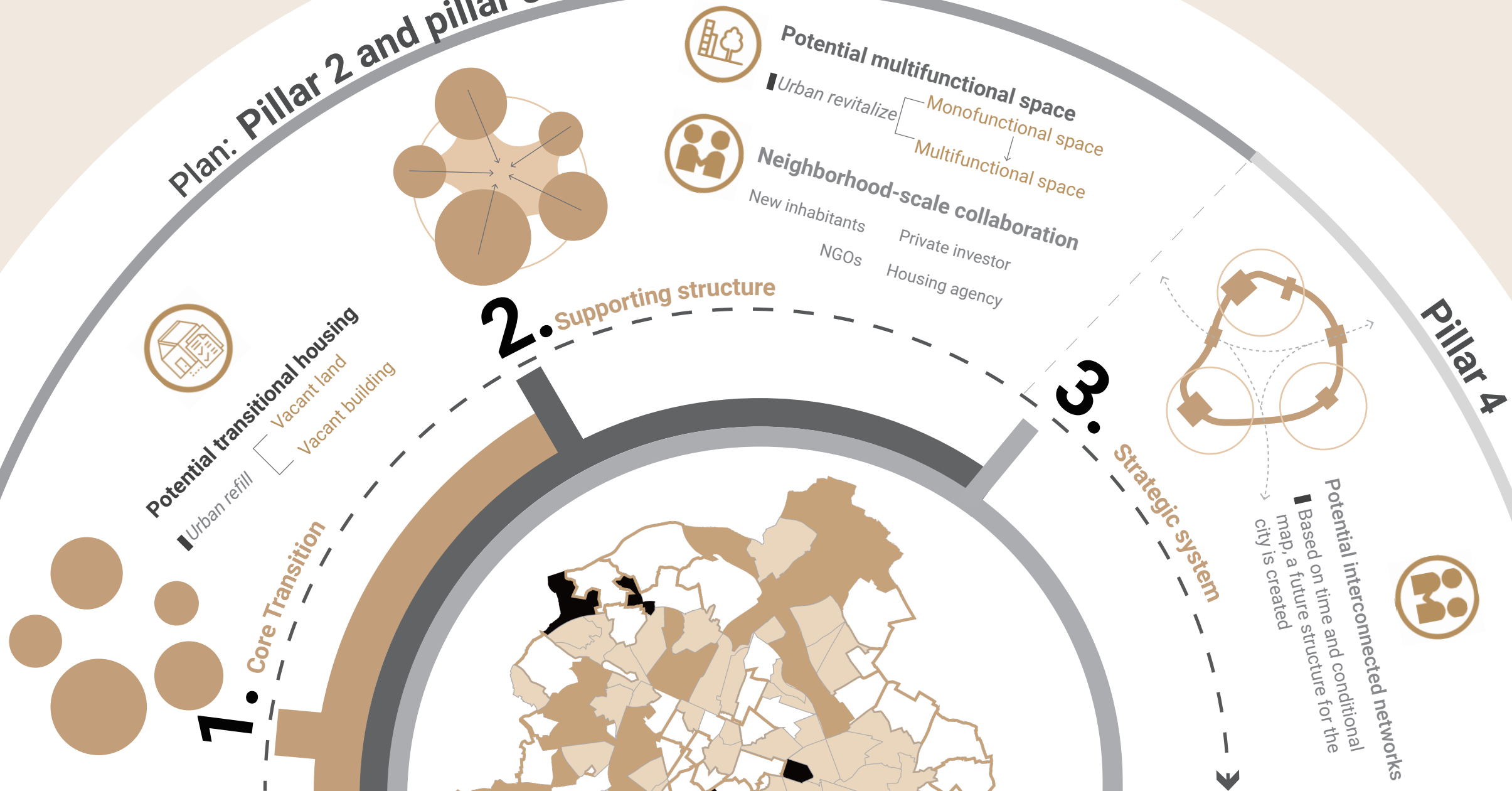


Neighborhood development

Needs-Based
Spatial Improvement



Plan: Pillar 2 and pillar 3



~~The right to Property~~



Peace and violence
The right to Housing





Citizenship?

"The Roofless".

街头流浪汉

7 Strategy of transitional stage

7.3 Identifying vacant space

识别空置空间

Vacant building

Rue Heyvaert 15, 1080 Molenbeek-Saint-Jean, Belgium



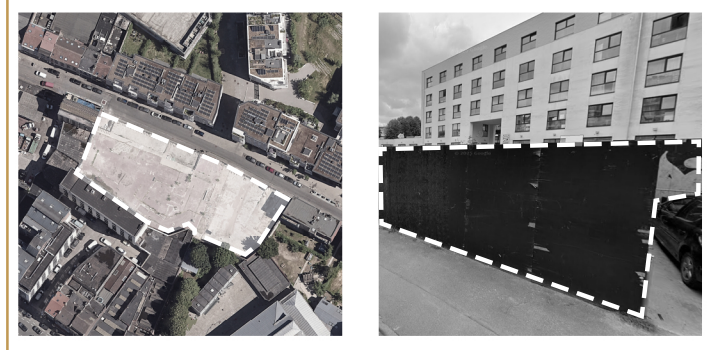
Vacant building

1080 Sint-Jans-Molenbeek, Belgium



Vacant land

Rue du Compas, 1070 Anderlecht, Belgium



Vacant land

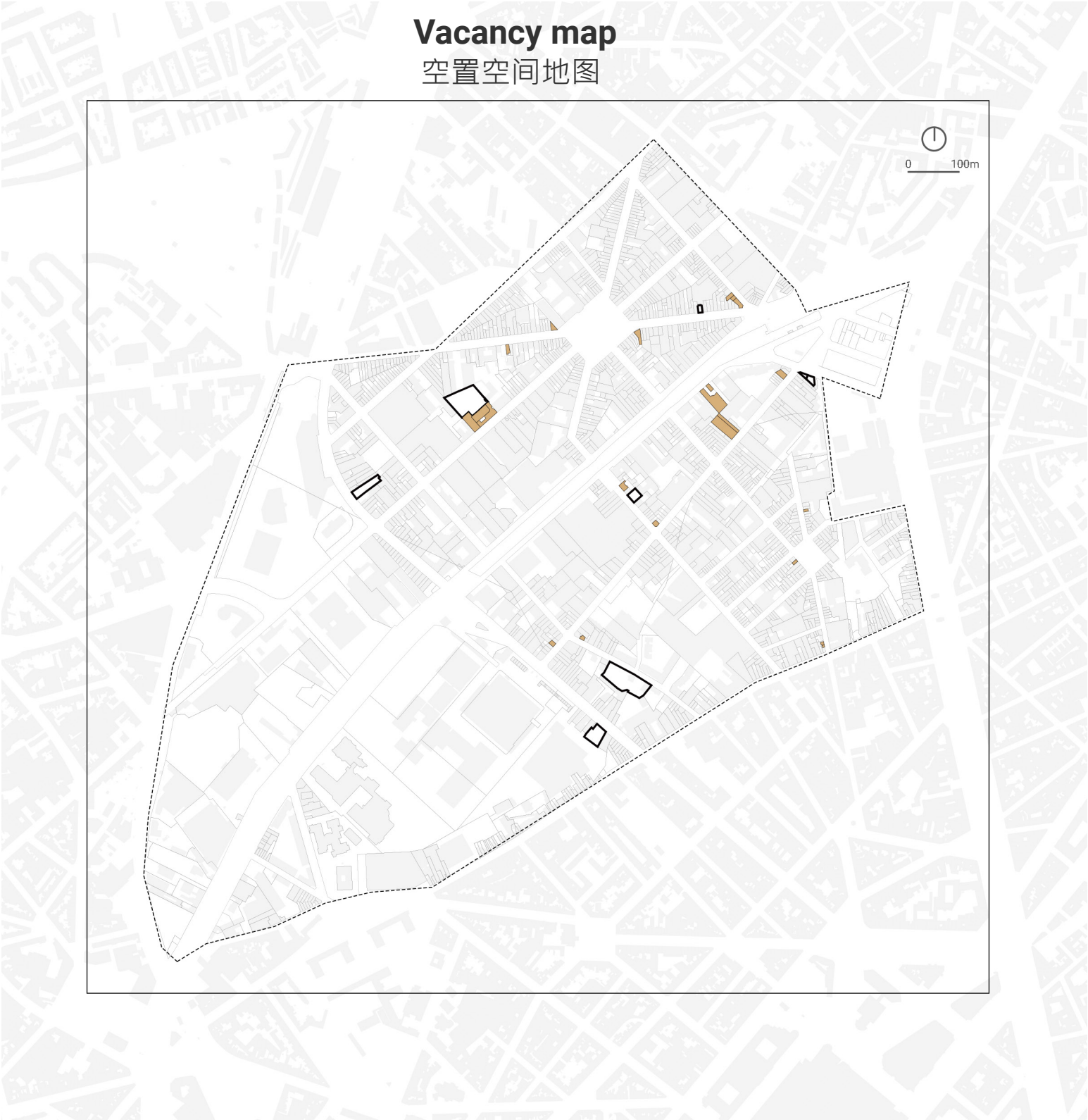
1080 Sint-Jans-Molenbeek, Belgium



- Legend
- building
 - Water
 - cadastral line
 - Vacant space

7 Strategy of transitional stage

7.3 Identifying vacant space

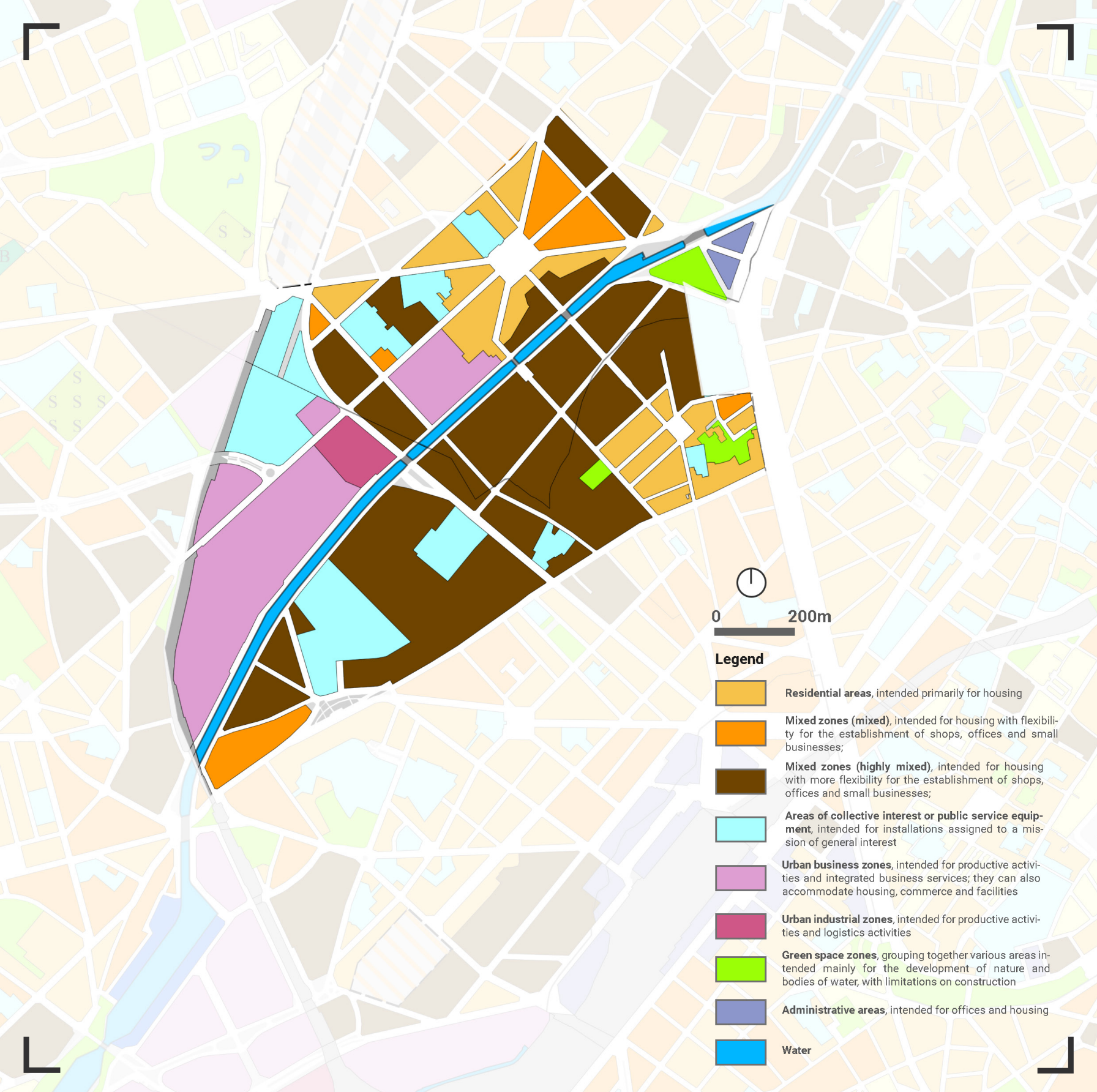


7 Strategy of transitional stage

7.4 the Regional Land Use Plan

土地利用图

Vacant Spaces by Land Use Type



0 200m

Legend

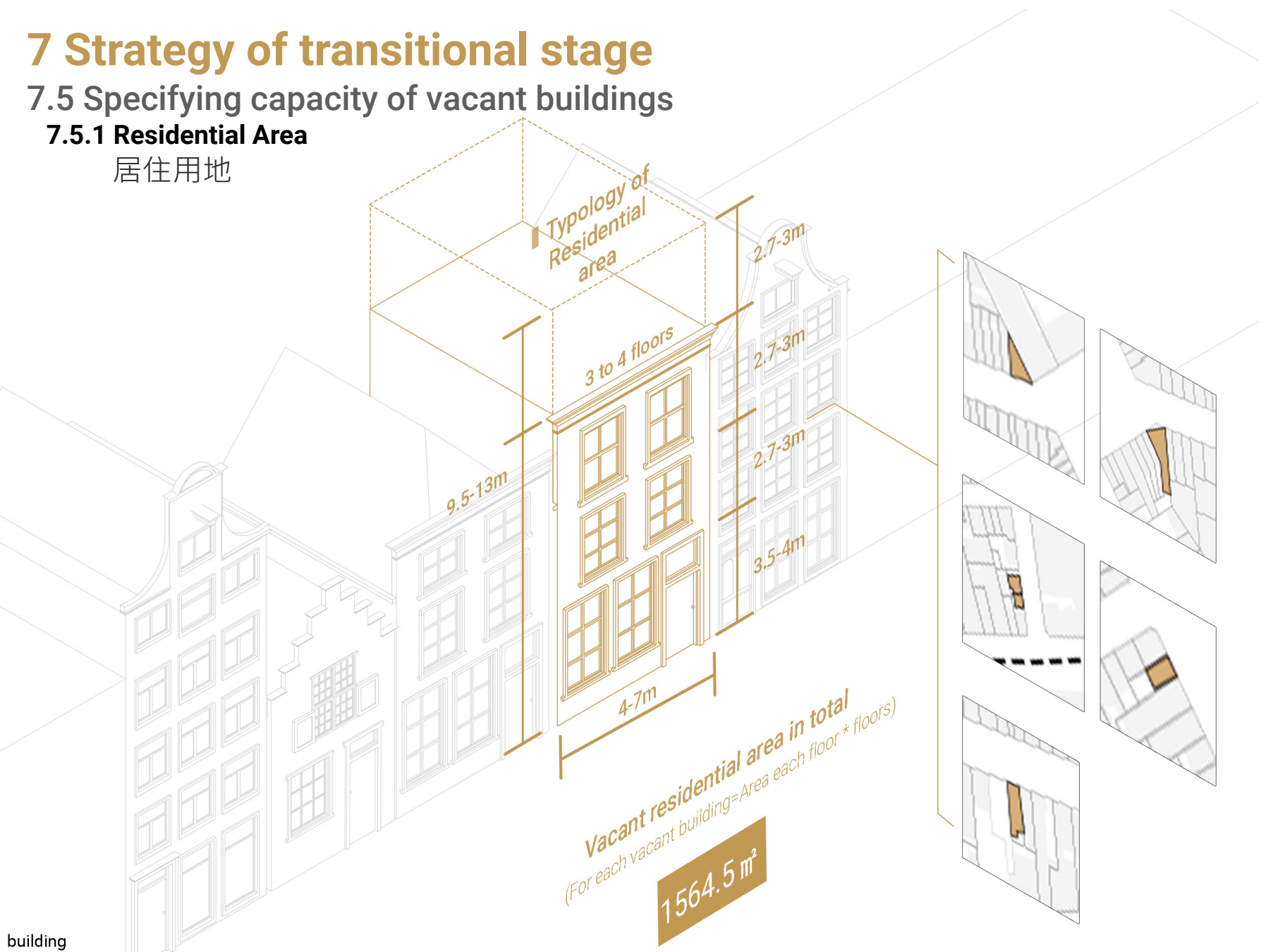
-  Residential areas, intended primarily for housing
-  Mixed zones (mixed), intended for housing with flexibility for the establishment of shops, offices and small businesses;
-  Mixed zones (highly mixed), intended for housing with more flexibility for the establishment of shops, offices and small businesses;
-  Areas of collective interest or public service equipment, intended for installations assigned to a mission of general interest
-  Urban business zones, intended for productive activities and integrated business services; they can also accommodate housing, commerce and facilities
-  Urban industrial zones, intended for productive activities and logistics activities
-  Green space zones, grouping together various areas intended mainly for the development of nature and bodies of water, with limitations on construction
-  Administrative areas, intended for offices and housing
-  Water

7 Strategy of transitional stage

7.5 Specifying capacity of vacant buildings

7.5.1 Residential Area

居住用地



building



Title iii: interior of buildings
Section 2: Coliving accommodations
Article 17 – Dimensions

Type	number of people	Min(m²)	efficiency(people/ m²)
Studio	1	28	0.0357
two-bedroom	2	70	0.0285 MIN
three-bedroom	3	85	0.0352
four-bedroom	4	100	0.0400
five-bedroom	5	120	0.0416 MAX
six-bedroom	6	160	0.0375
seven-bedroom	7	180	0.0388

If build all five-bedroom*

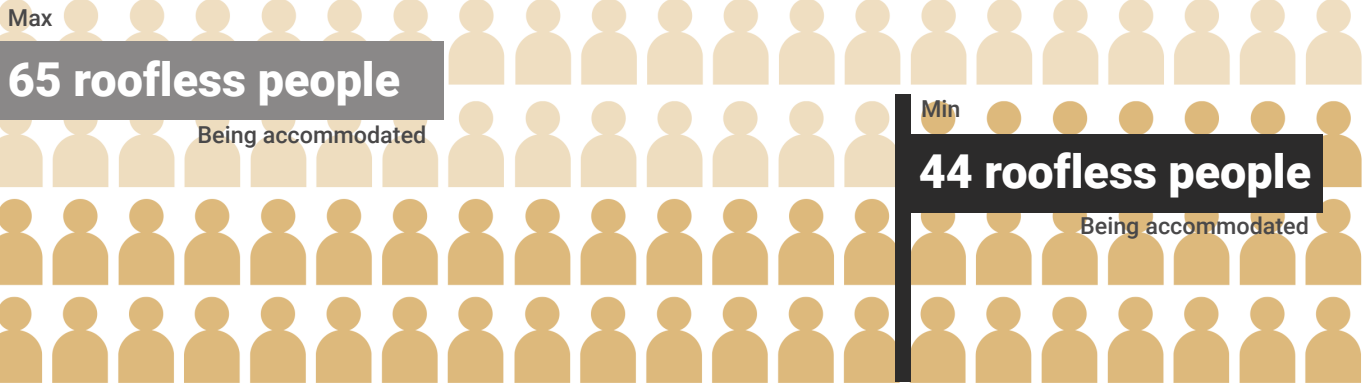
Maximum capacity = $1564.5 \div 120 = 13$ homes

Maximum roofless people = $13 \times 5 = 65$

If build all two-people bedroom*

Minimum capacity = $1564.5 \div 70 = 22$ homes

Minimum roofless people = $22 \times 2 = 44$



7 Strategy of transitional stage

7.5 Specifying capacity of vacant buildings

7.5.2 Mixed Zones(mixed)

混合用地（混合）

If build all five-people bedroom*

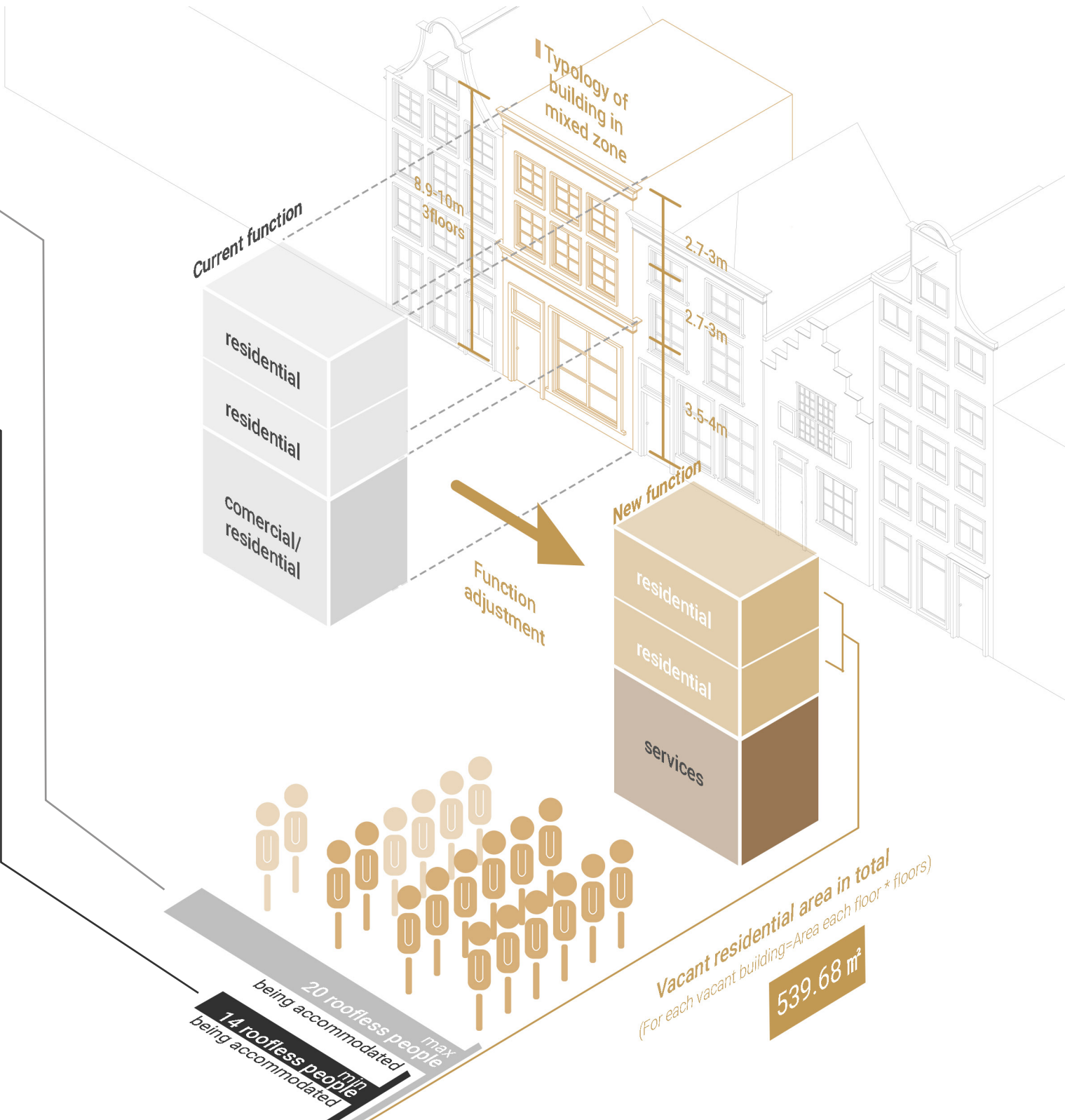
Maximum capacity = $539.68 \div 120 = 4$ homes

Maximum roofless people = $4 \times 5 = 20$

If build all two-people bedroom*

Minimum capacity = $539.68 \div 70 = 7$ homes

Minimum roofless people = $7 \times 2 = 14$



7 Strategy of transitional stage

7.5 Specifying capacity of vacant buildings

7.5.3 Mixed Zones(highly mixed)

混合用地 (高度混合)

If build all five-people bedroom*

Maximum capacity = $3902 \div 120 = 32$ homes

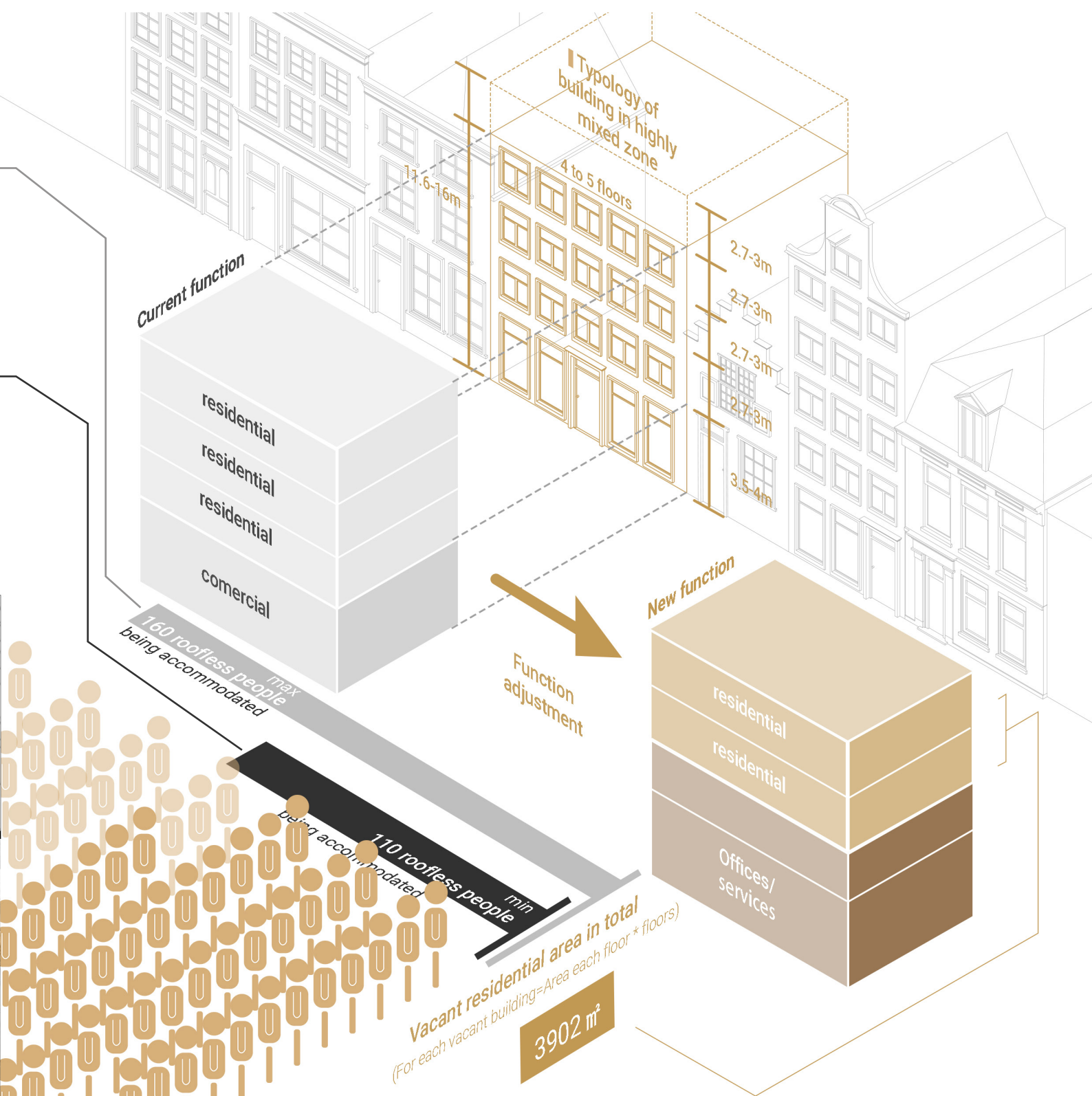
Maximum roofless people = $32 \times 5 = 160$

If build all two-people bedroom*

Minimum capacity = $3902 \div 70 = 55$ homes

Minimum roofless people = $55 \times 2 = 110$

building





A LOUER
ENTREPÔT / COMMERCE
SURFACE +/- 2.500 m²
LC
IMMOBILIÈRE
0479/18.90.09

59



7 Strategy of transitional stage

7.6 Specifying capacity of vacant land

7.6.1 Modular transitional housing as the solution

模块建筑作为解决方案



"It is way more acceptable if those modular housing for the roofless can be plugged in in a small scale, than accommodating hundreds of them at one place. Using small leftover spaces may be a nice one".

solution

We started with finding small waiting spaces that can be used to build up modular housing for the homeless in Brussels.

solution



Area: 3060 m²



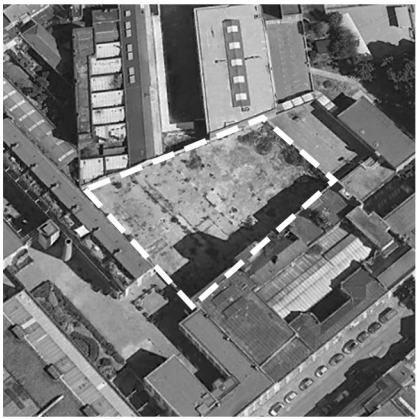
Area: 99 m²



Area: 223 m²



Area: 825 m²



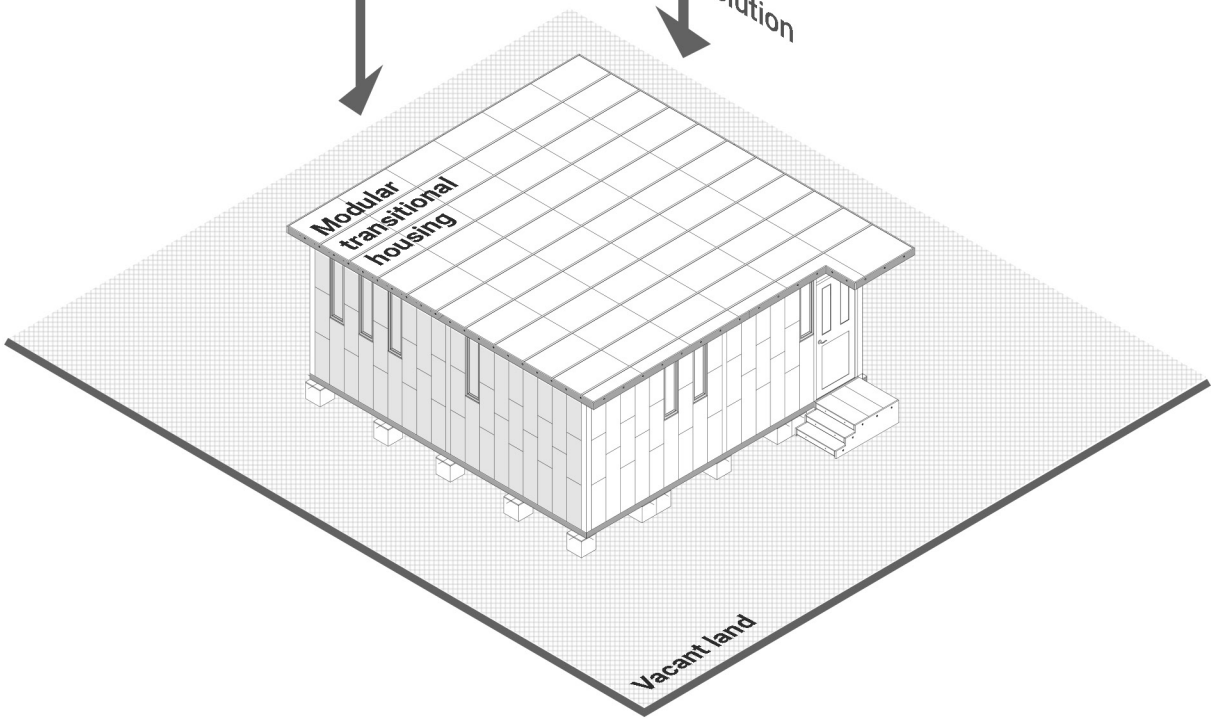
Area: 2227 m²



Area: 400 m²



Area: 1218 m²



7 Strategy of transitional stage

7.6 Specifying capacity of vacant land

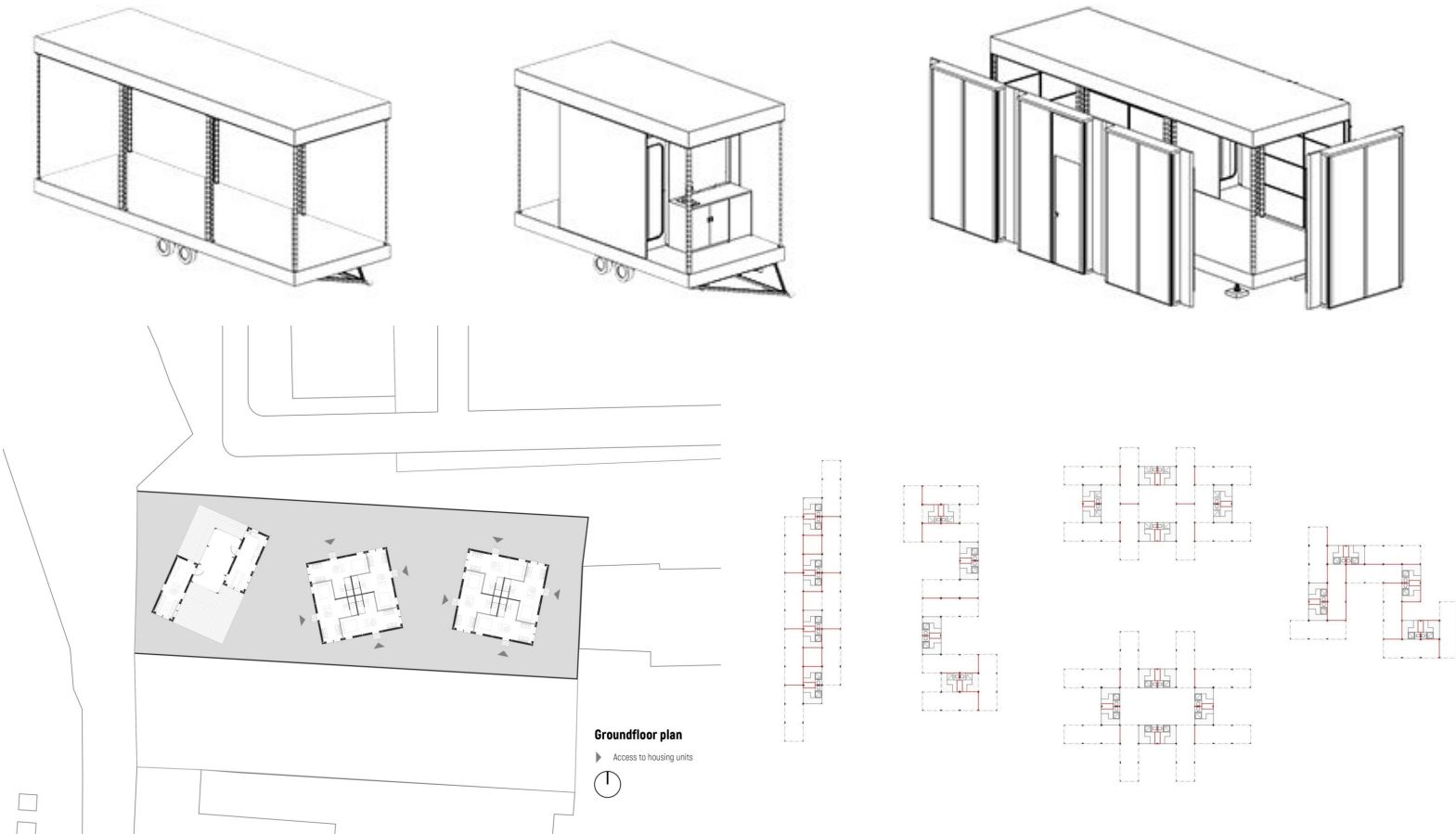
7.6.2 Case study

案例研究

Case 1: 400 Daken(400 roofs)



Case 2: SMH Pilot Project



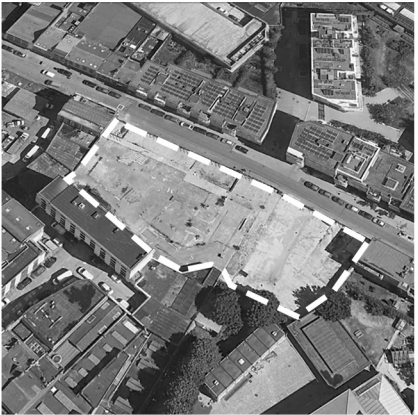
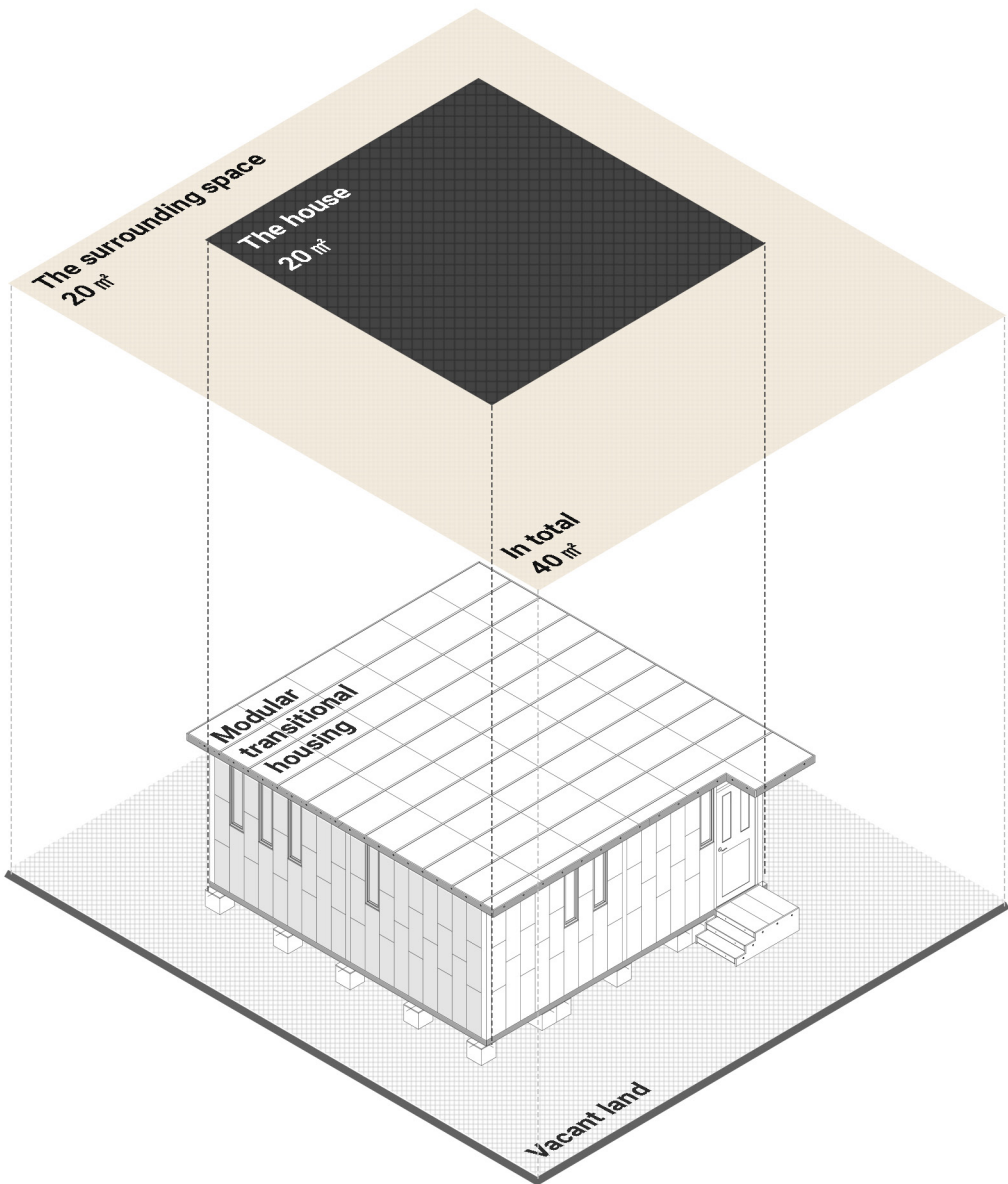
7 Strategy of transitional stage

7.6 Specifying capacity of vacant land

7.6.3 Approximate capacity of people living in modular transitional housing

模块化过渡性住房中居住的人口数量估算

Assuming that **each modular housing unit has an area of 20 m² and requires a total of 40 m² including surrounding space**, we can estimate how many roofless individuals could be accommodated if all of the following seven vacant land were used to construct temporary transitional housing.



Area: 3060 m²
modular house(max): 76



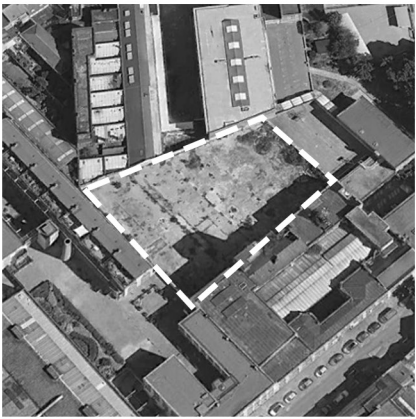
Area: 99 m²
modular house(max): 2



Area: 223 m²
modular house(max): 5



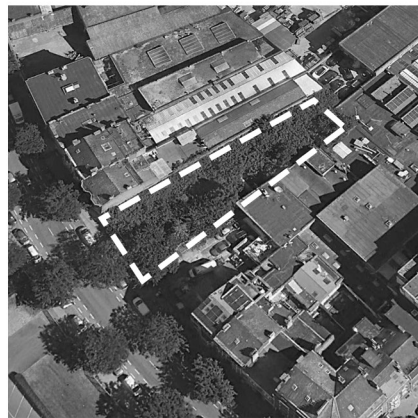
Area: 825 m²
modular house(max): 20



Area: 2227 m²
modular house(max): 55



Area: 400 m²
modular house(max): 10



Area: 1218 m²
modular house(max): 30

198
roofless people are accommodated

Maximum





如果这个区域所有空置空间能
被合理用作过渡住房

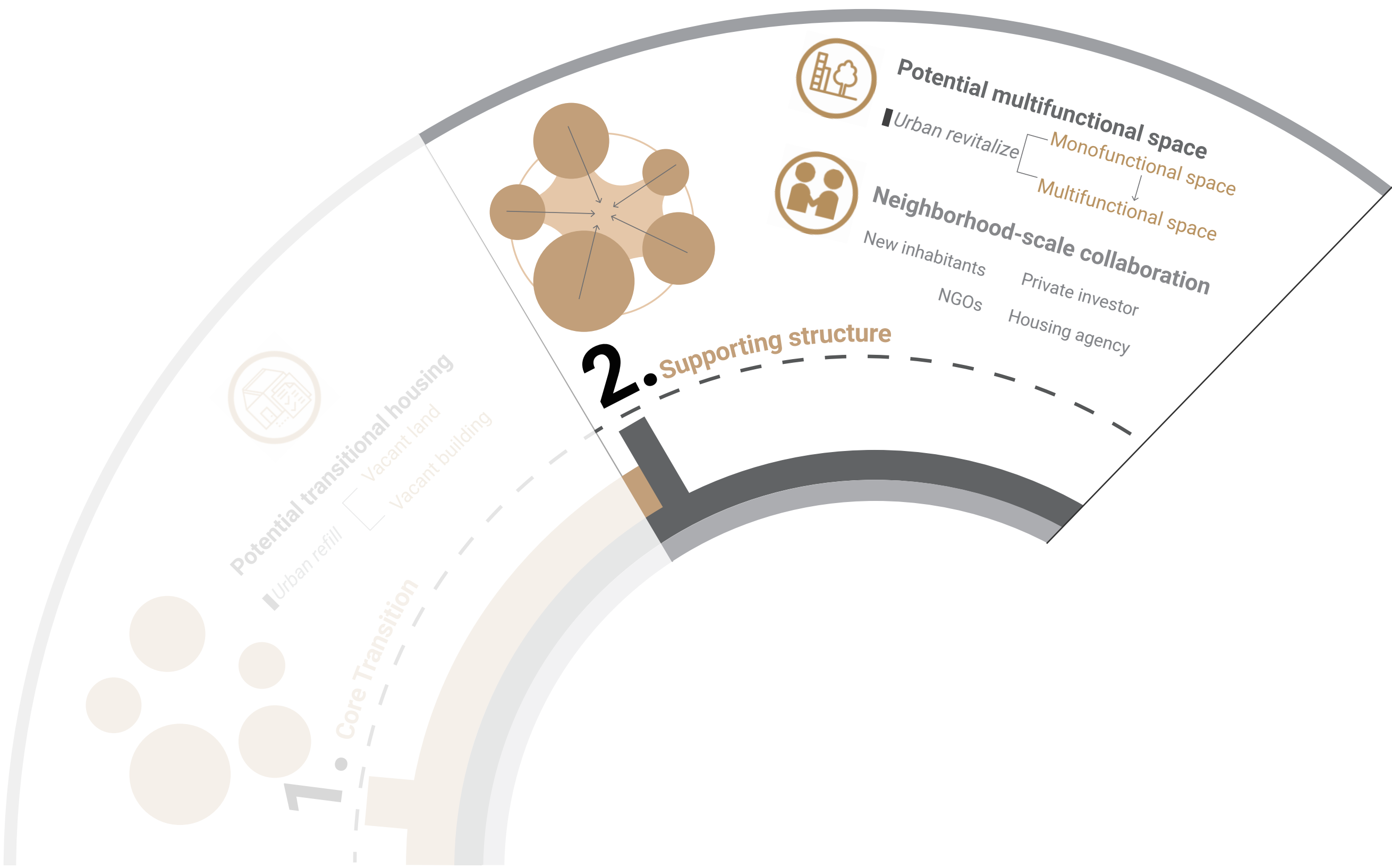
最多 443 个

无家可归的人可以摆脱流浪的
恶性循环

**If all vacant space can be used
properly as transitional housing
in this neighborhood**

at most 443

**Roofless people can get out of the
Homeless Vicious Cycle**



Citizenship?

"New Inhabitant".

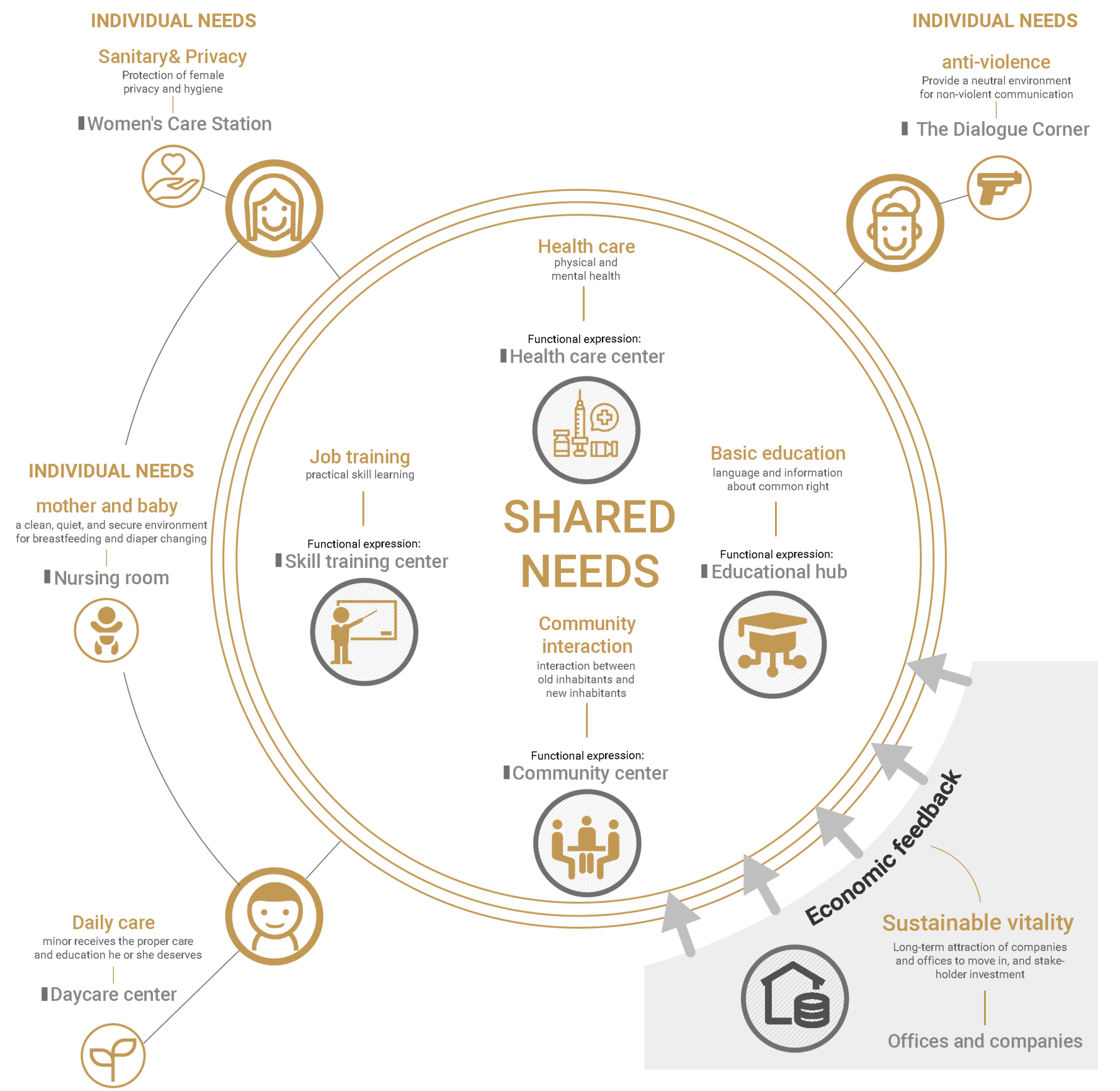
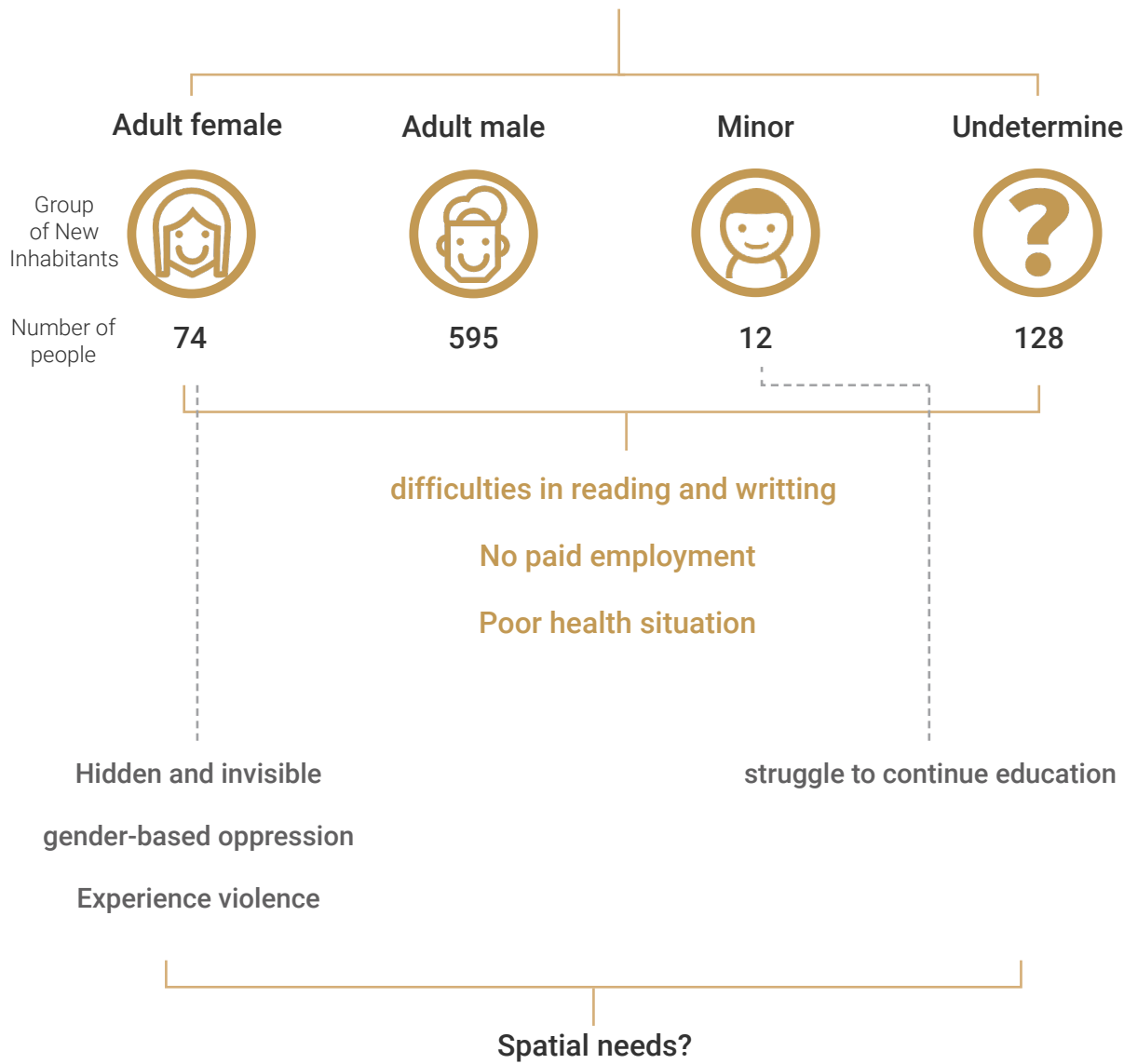
新居民

7 Strategy of transitional stage

7.7 Revitalizing Building Functions

7.7.1 Shared and individual needs

共同和个人的需求



7 Strategy of transitional stage

7.7 Revitalizing Building Functions

7.7.2 function implementation kit

功能植入工具包

By building
Building based

Female only/
female and minor

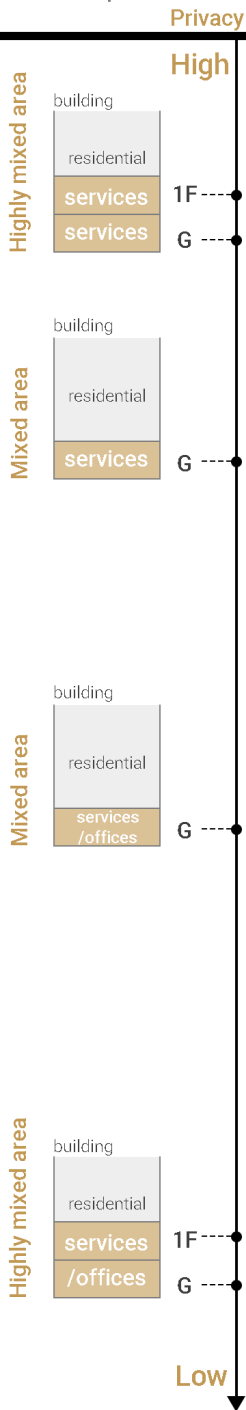


By building
By floor
By time

Mixed



By floor
Floor specified



By time
Time phased

prototype

Women and
minor friendly

Job empowerment

Community interaction

Health

Life recovery

Job Empowerment

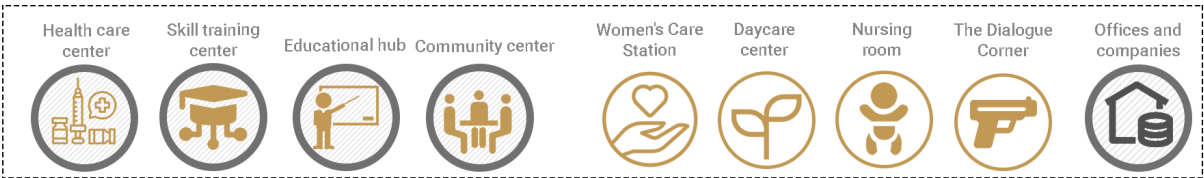
Community interaction

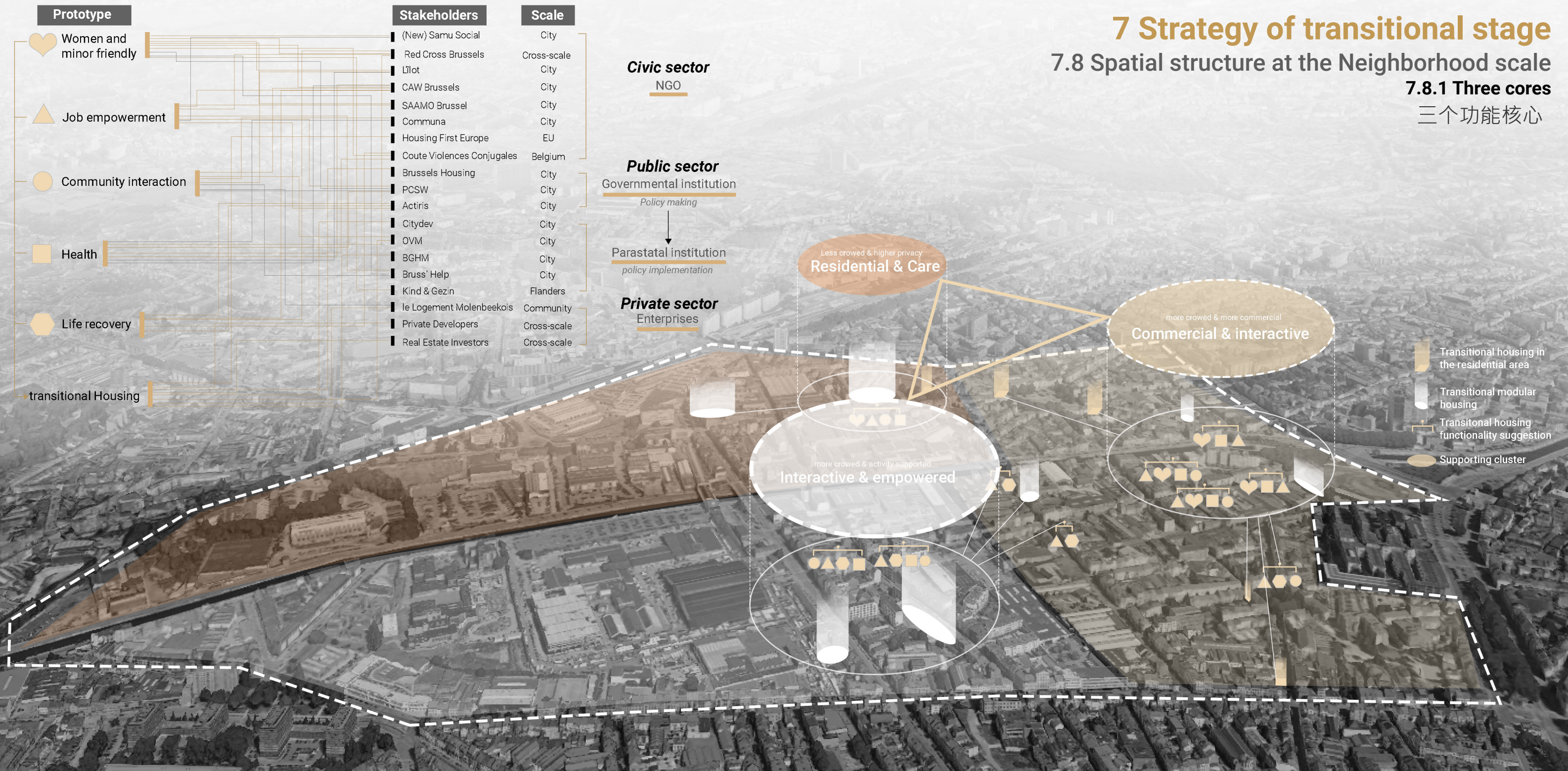
composition

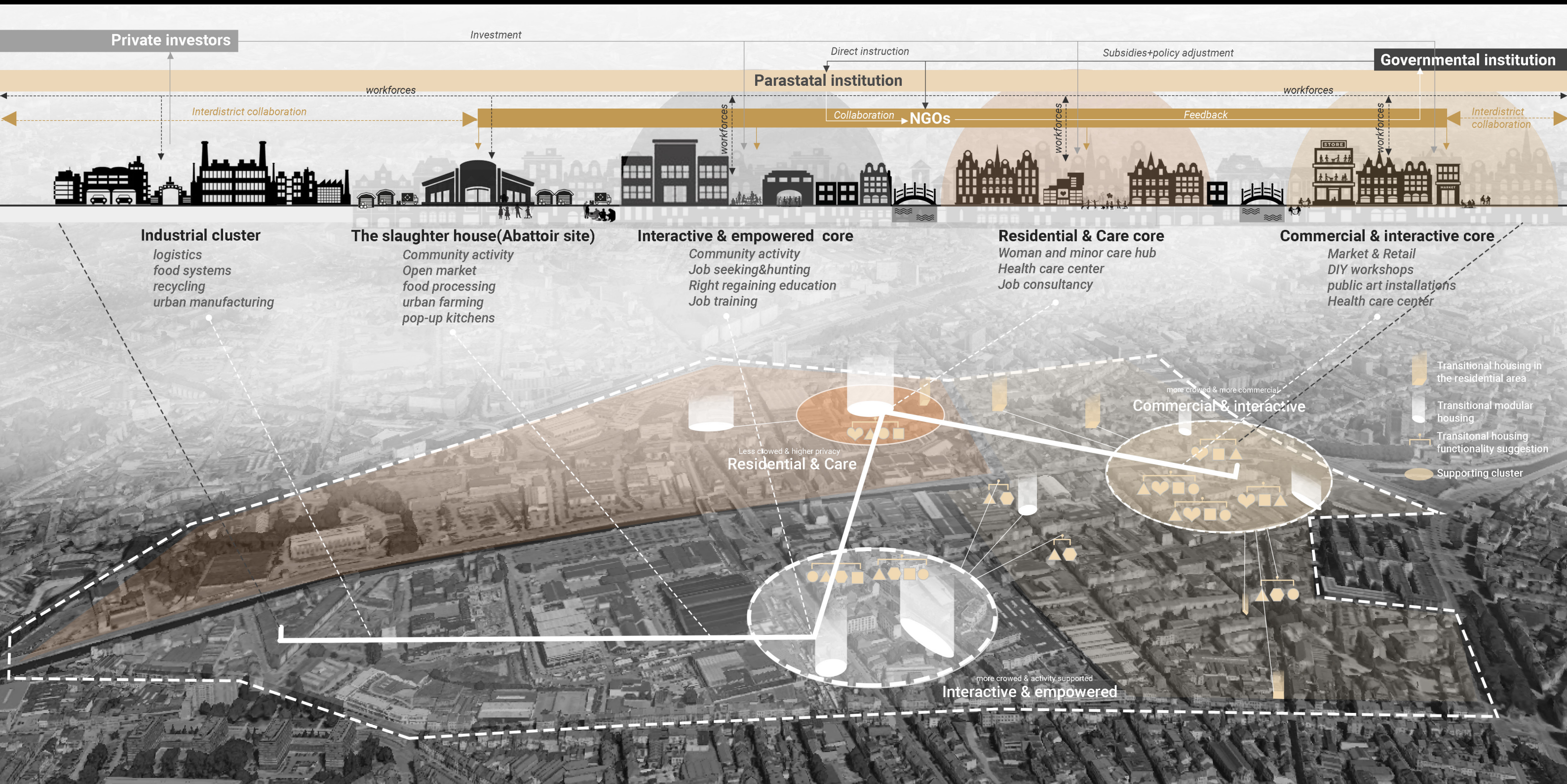
daytime(8:00-18:00)

nighttime(18:00-22:00)

weekend





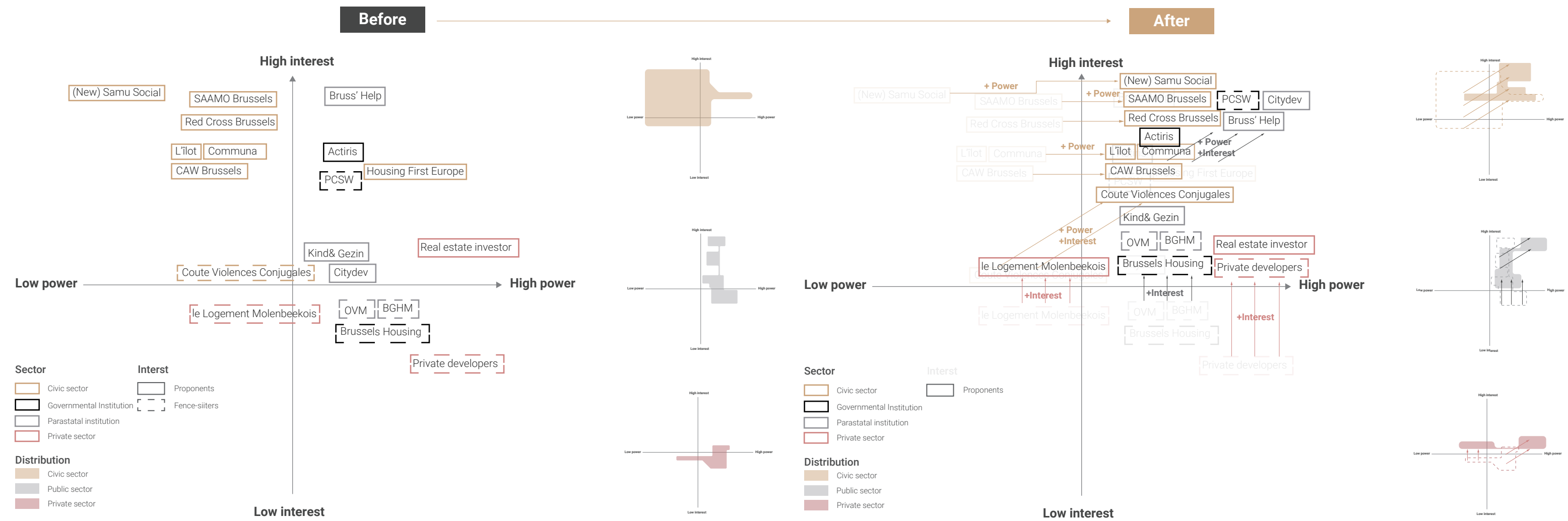


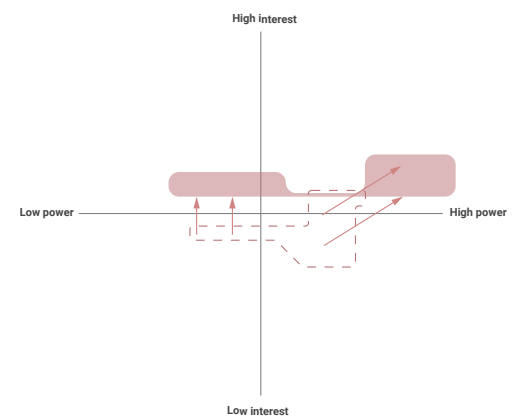
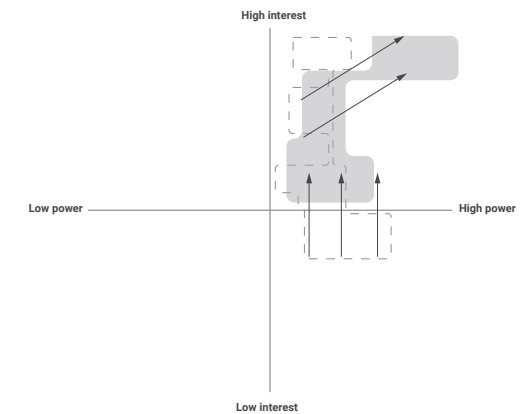
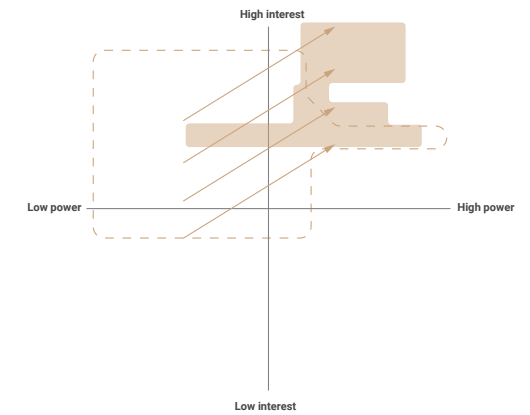
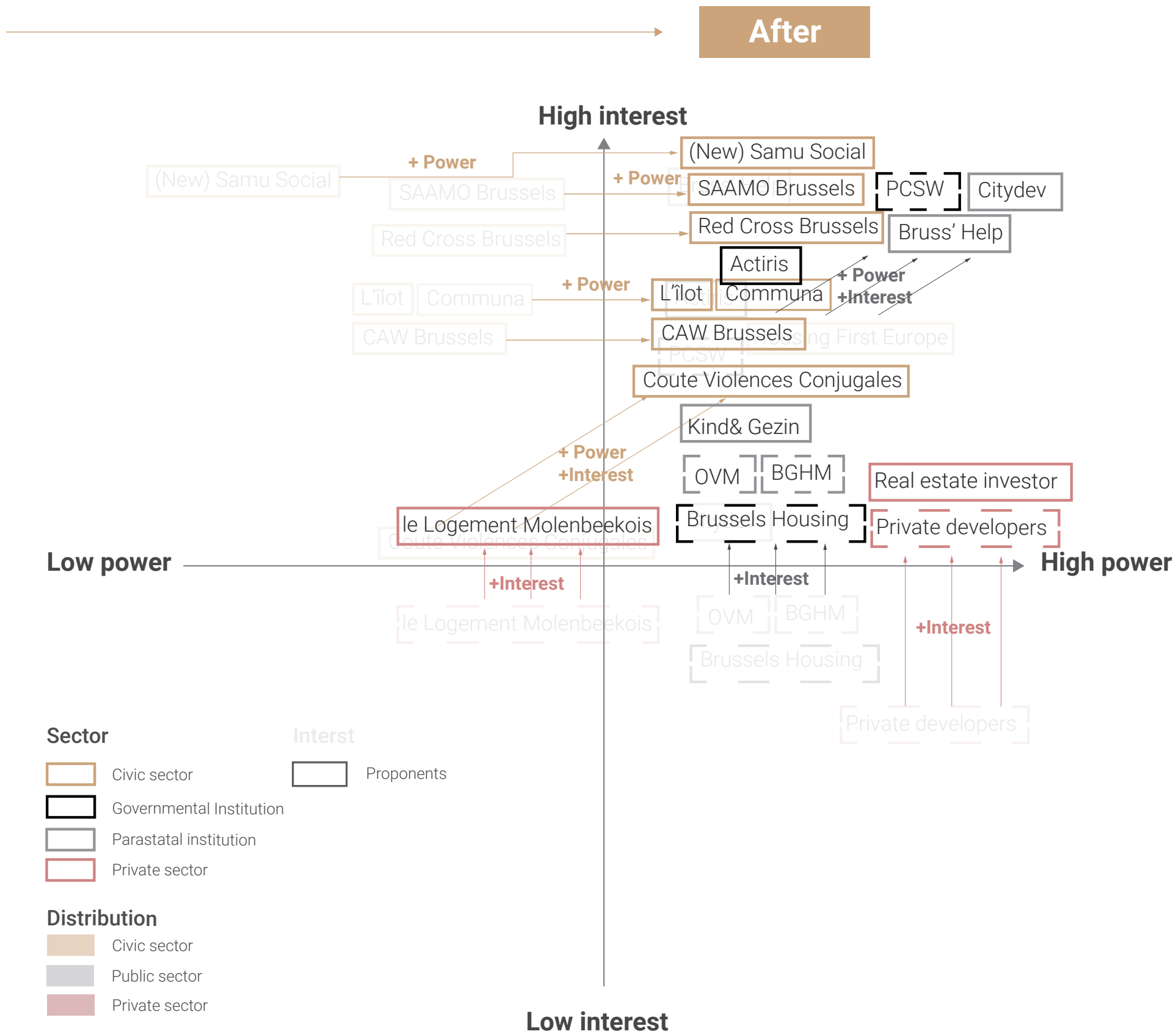
7 Strategy of transitional stage

7.8 Spatial structure at the Neighborhood scale

7.8.2 Overarching institutional collaboration

整体性机构合作

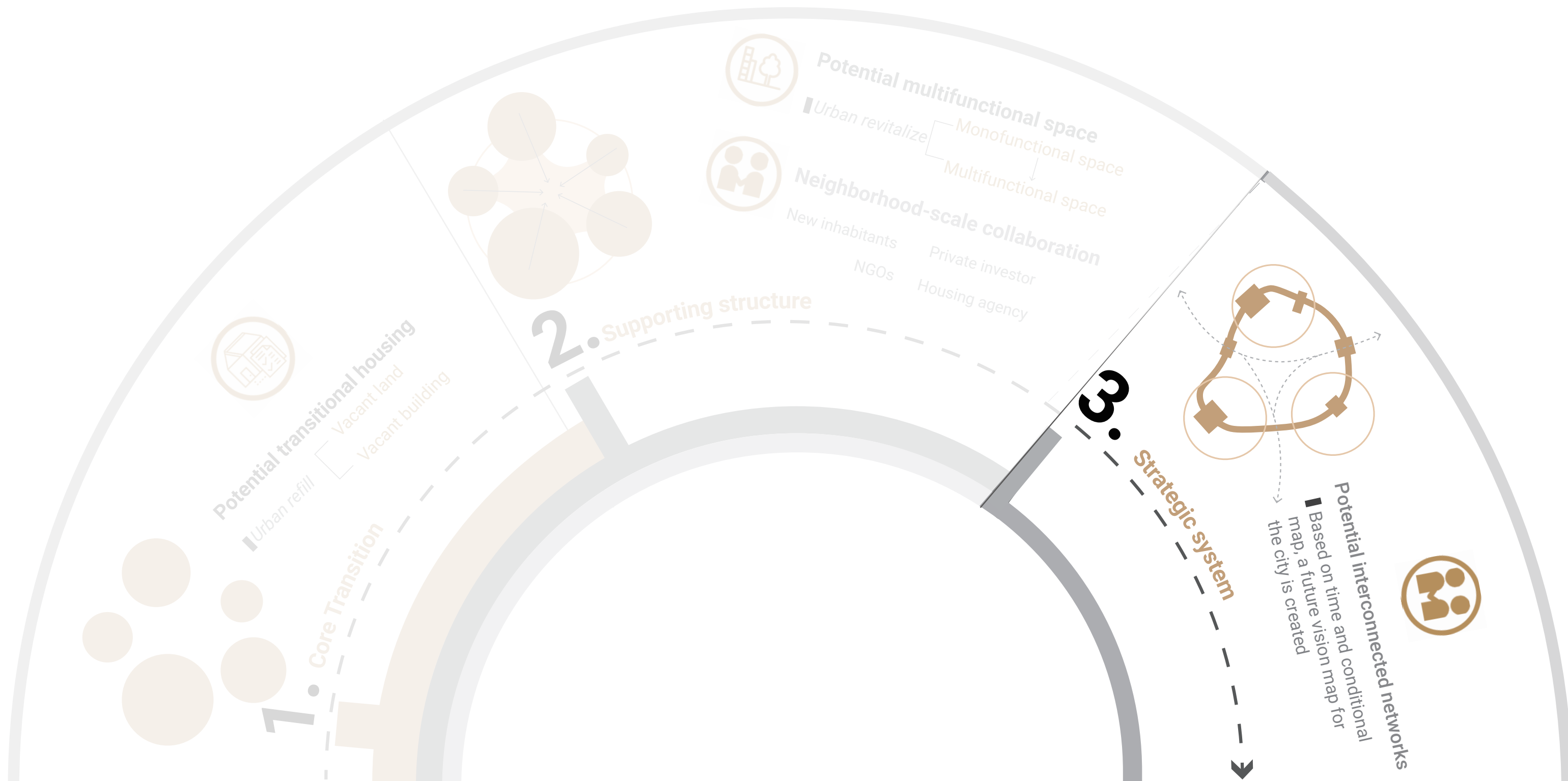




A DAY IN TRANSITION

— “FEEL REALLY SUPPORTED” —





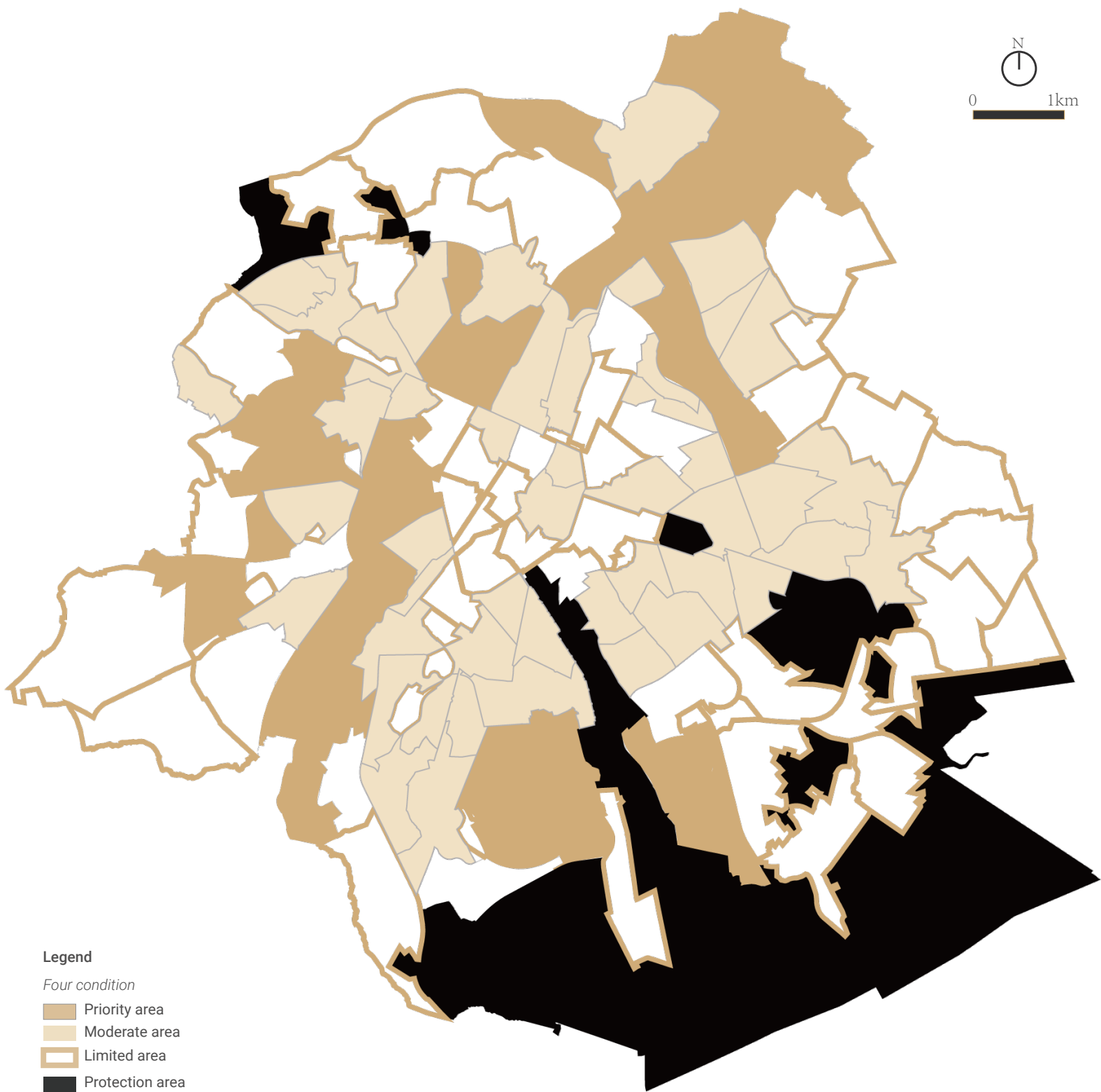
Citizenship?

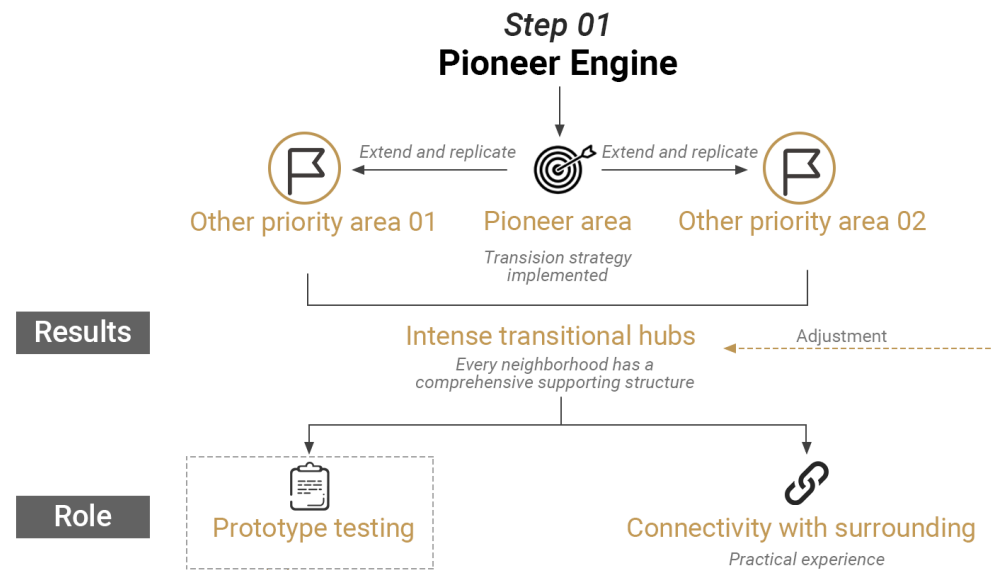
"Citizen"

公民

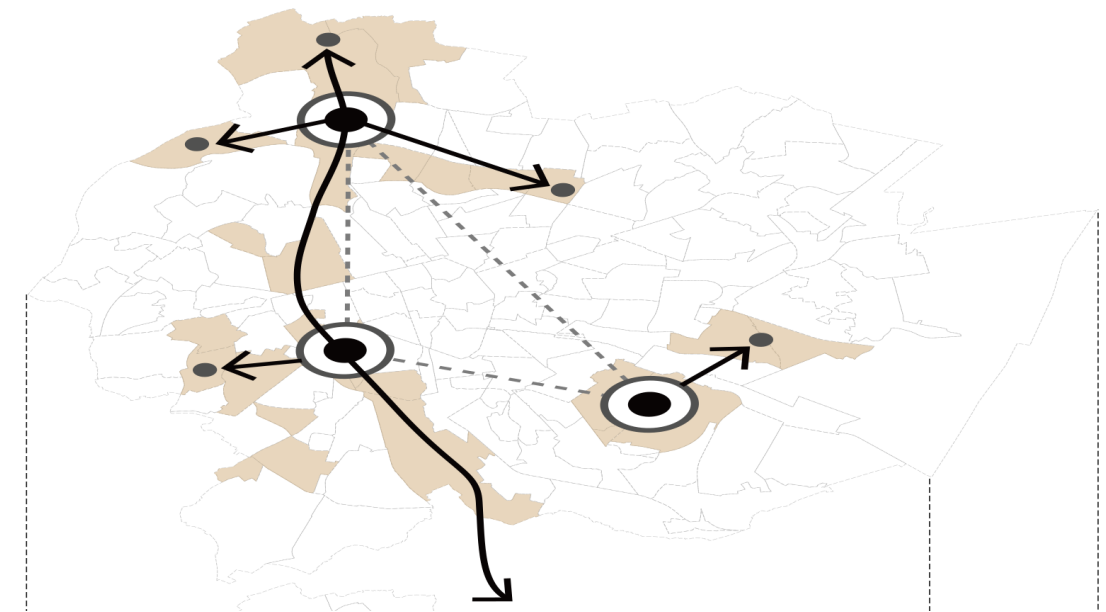
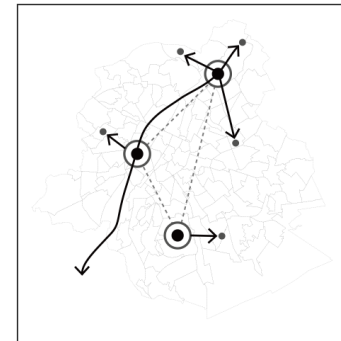
Back to the conditional map

回到条件地图

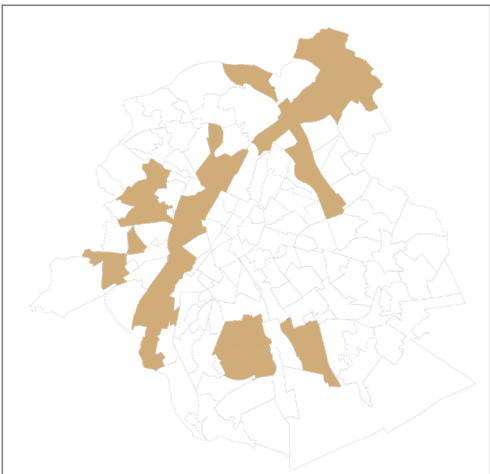




Pioneer Engine

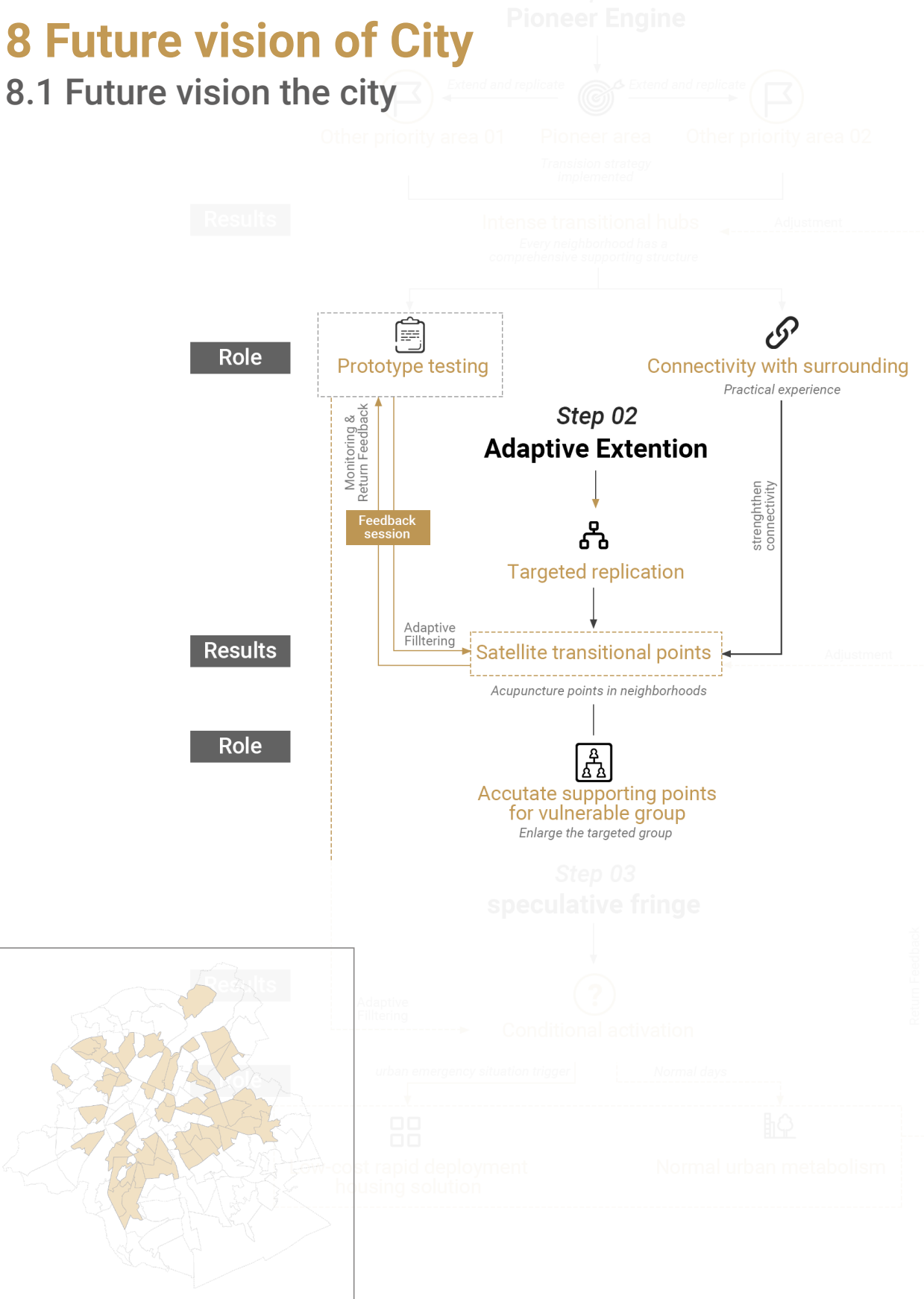


"In uncertain times, a few brave pioneers step out..."



8 Future vision of City

8.1 Future vision the city

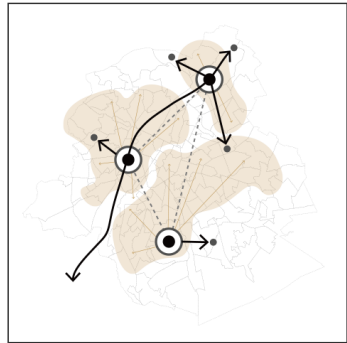


Pioneer Engine

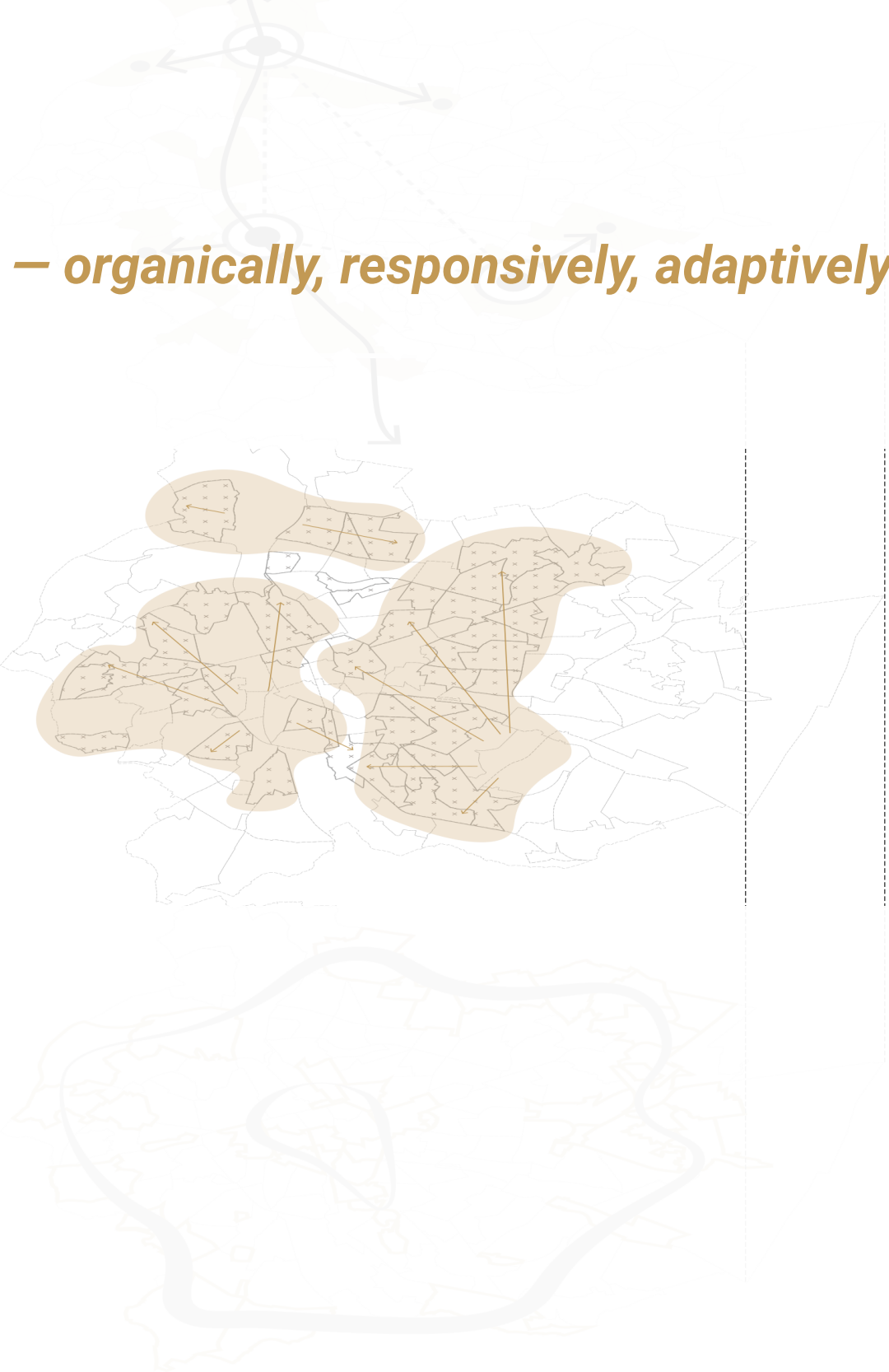


"Change spreads – organically, responsively, adaptively."

Adaptive Extention



speculative fringe



8 Future vision of City

8.1 Future vision the city

Results

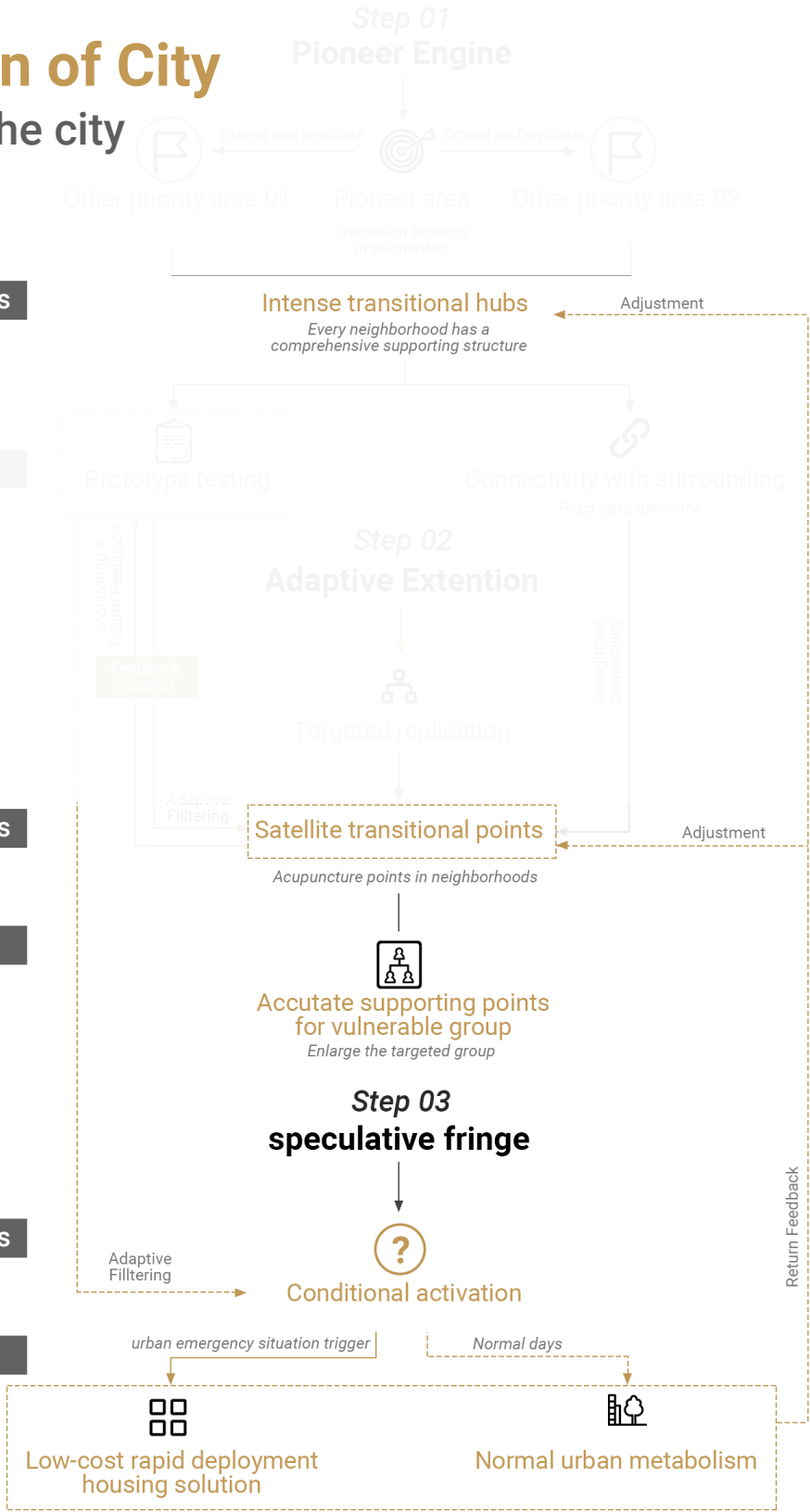
Role

Results

Role

Results

Role



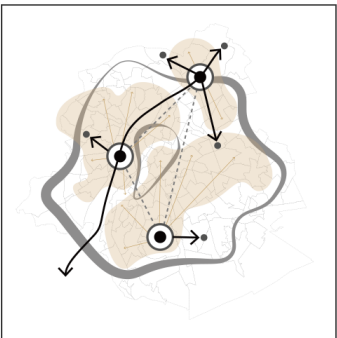
Pioneer Engine



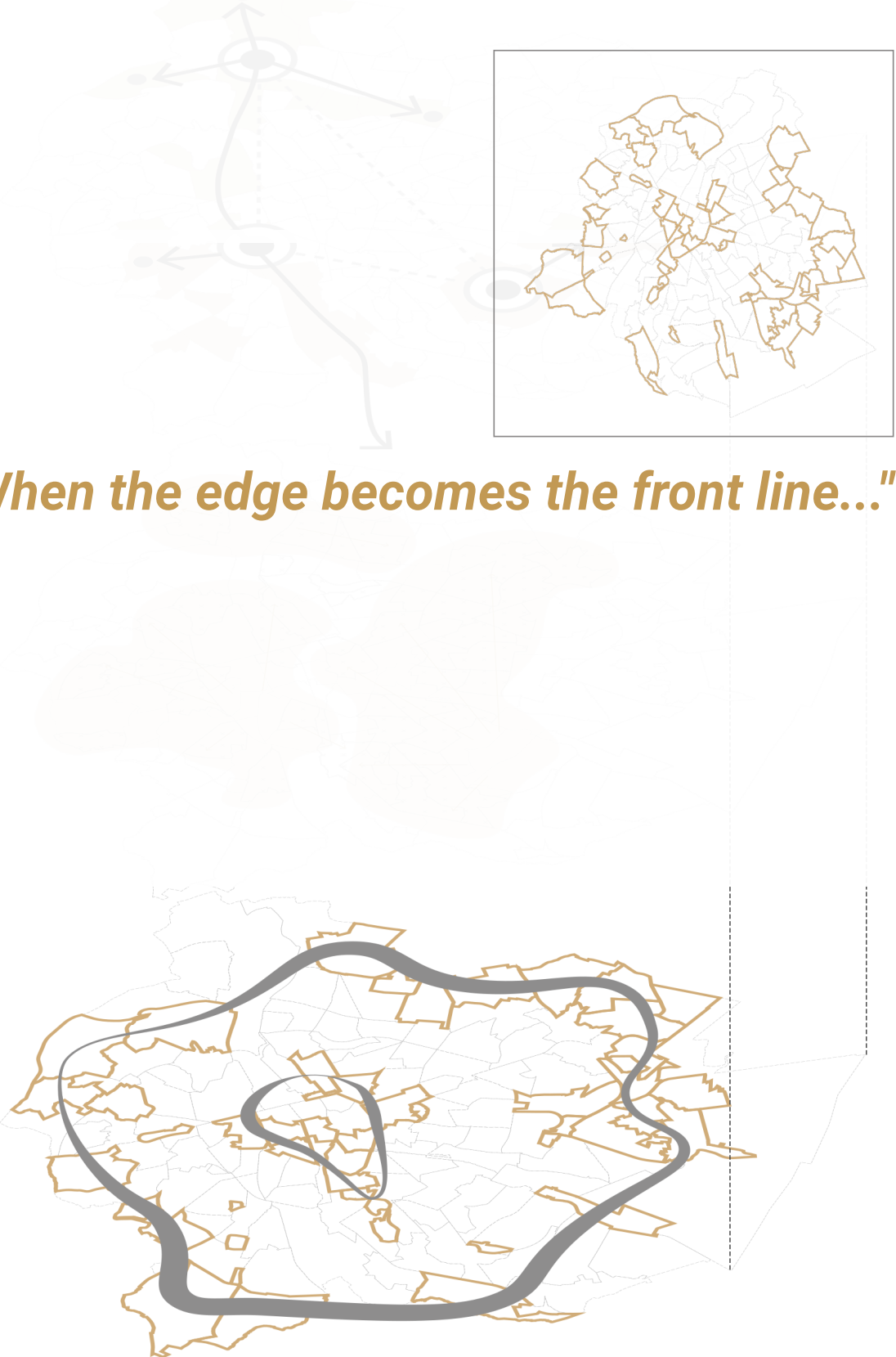
Adaptive Extention

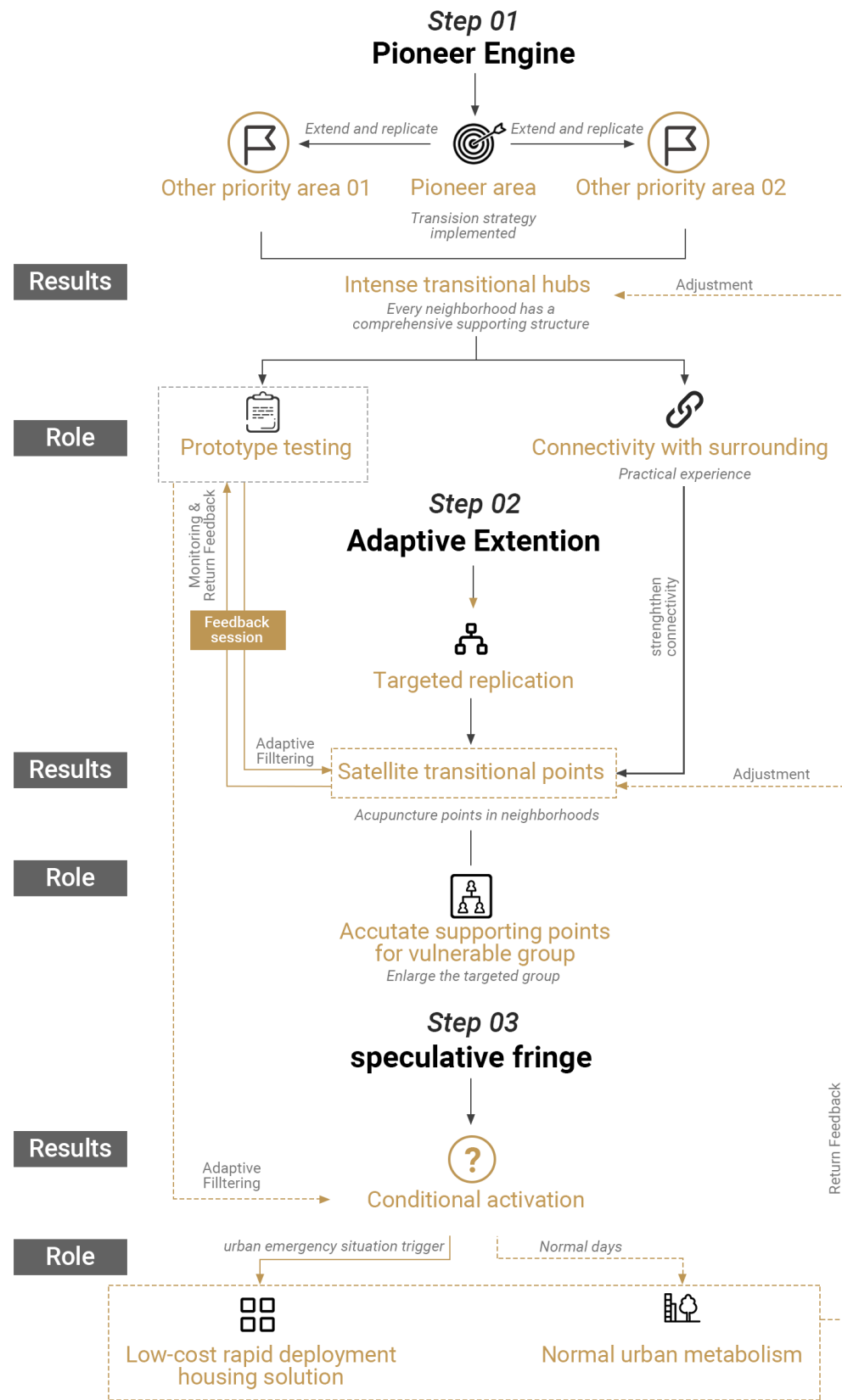


speculative fringe

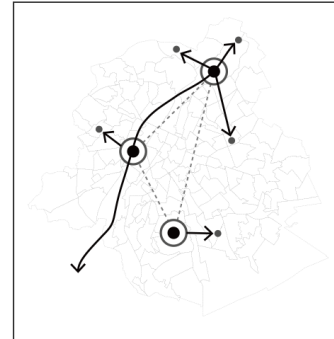


"When the edge becomes the front line..."

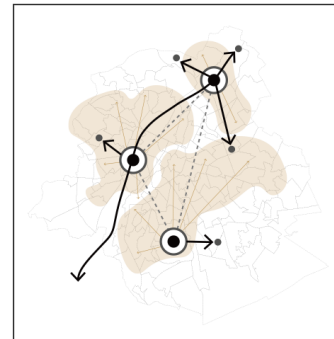




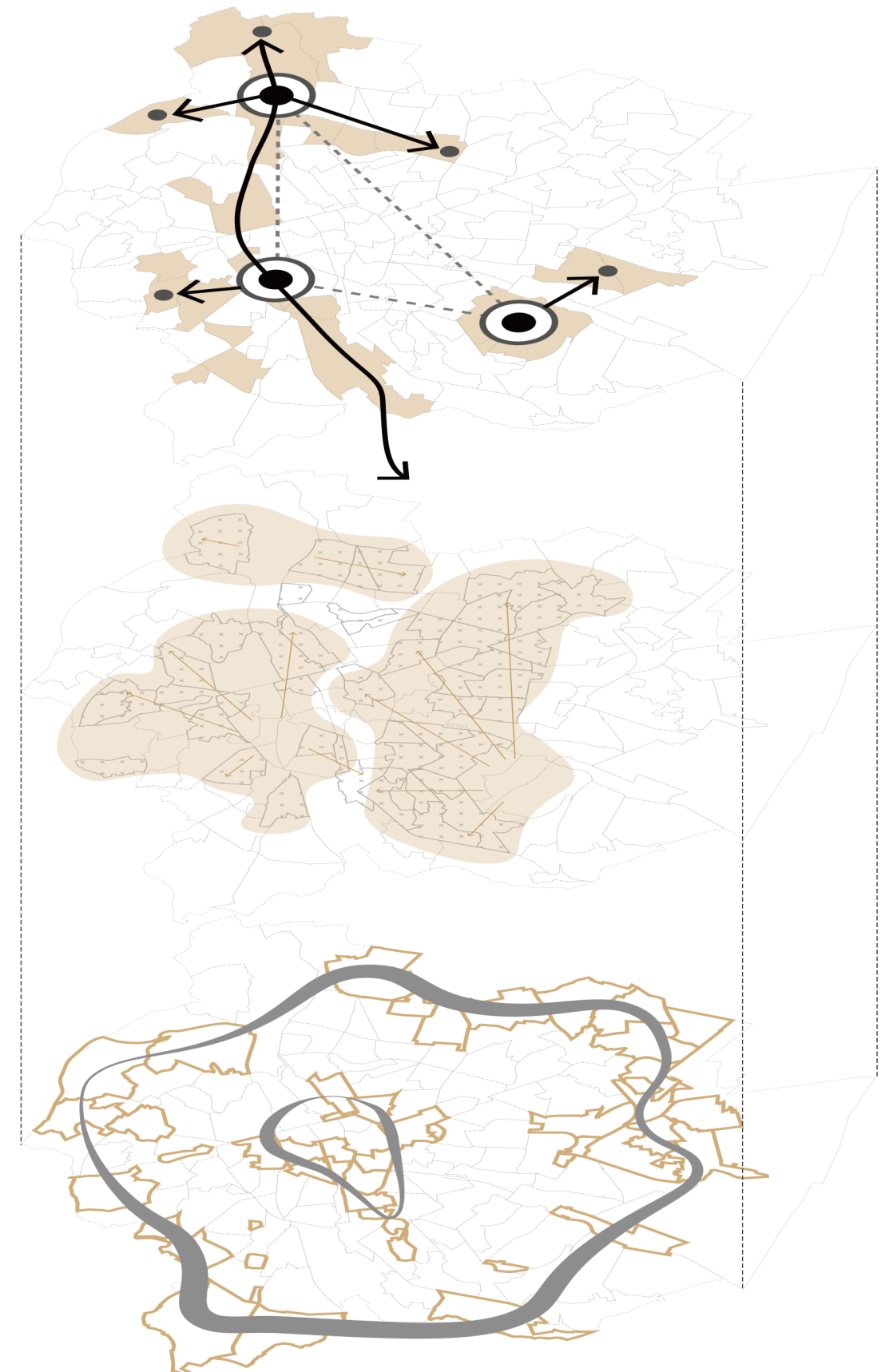
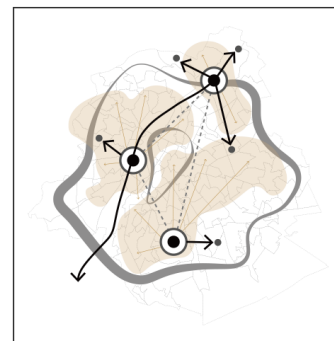
Pioneer Engine



Adaptive Extention



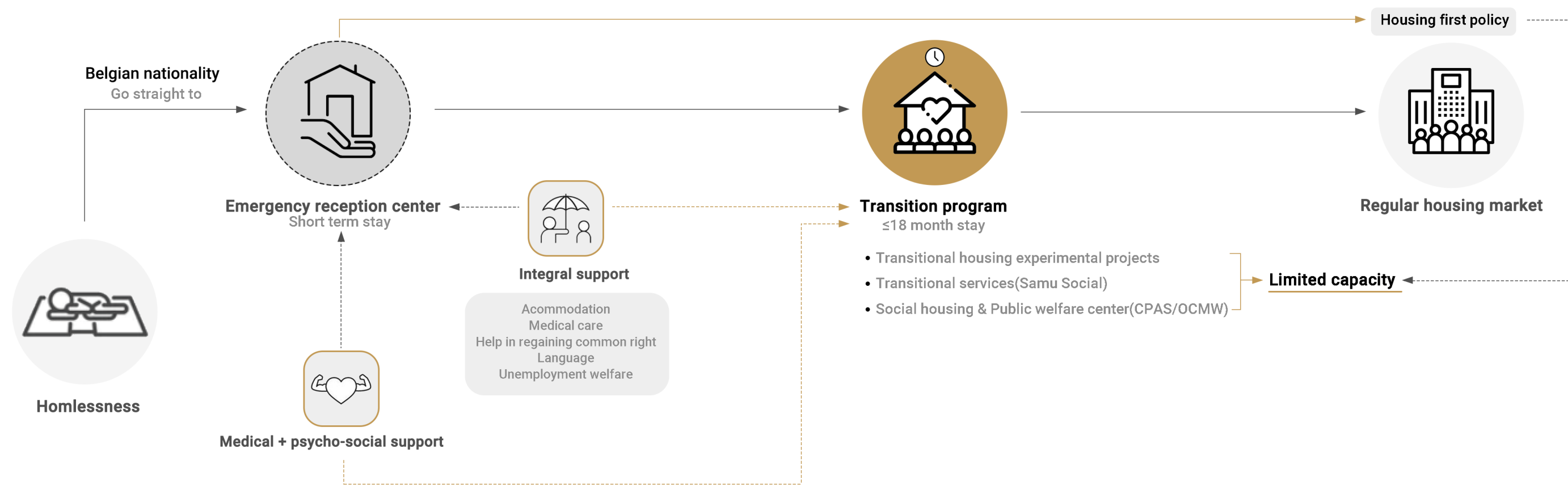
speculative fringe



8 Future vision of City

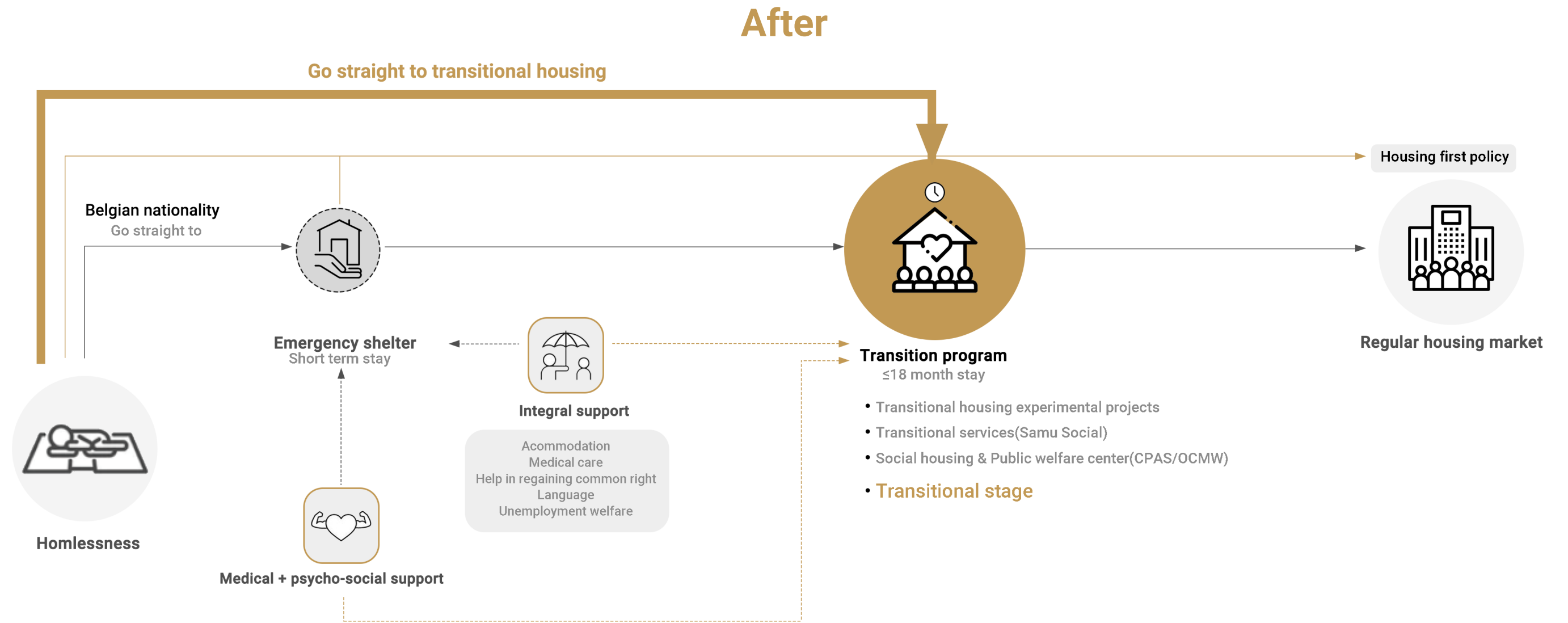
8.2 Back to the trajectory

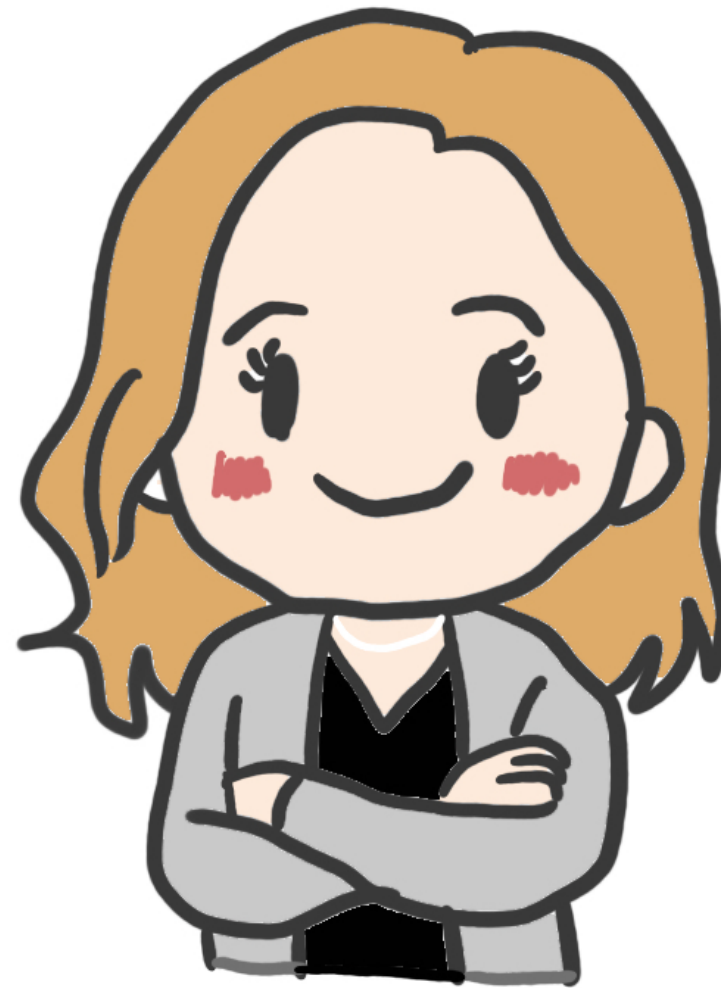
Current



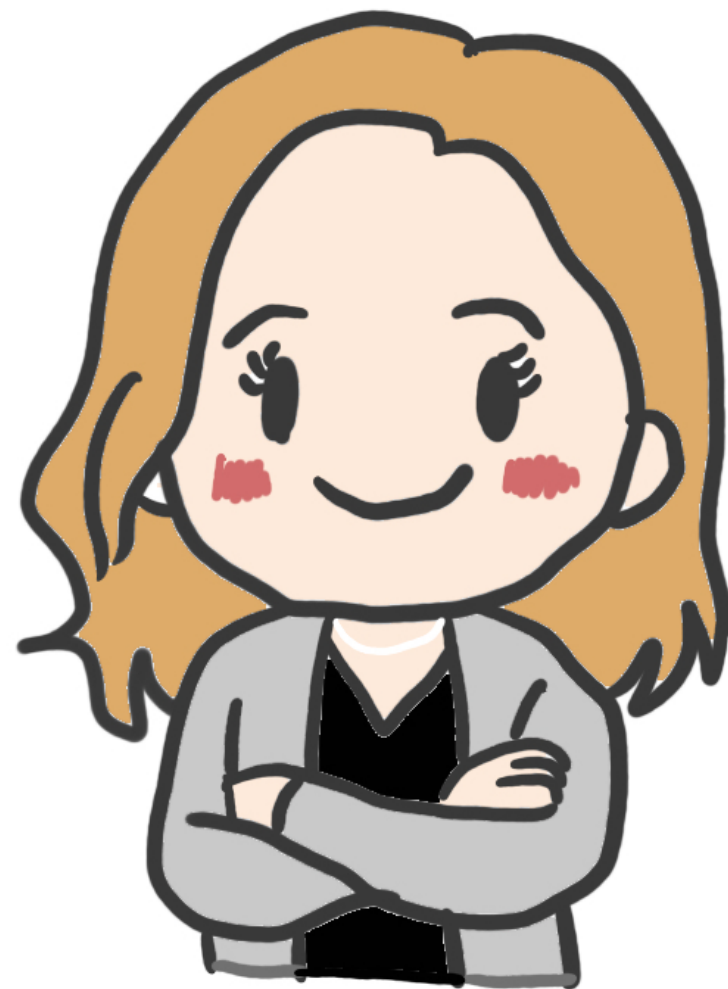
8 Future vision of City

8.2 Back to the trajectory

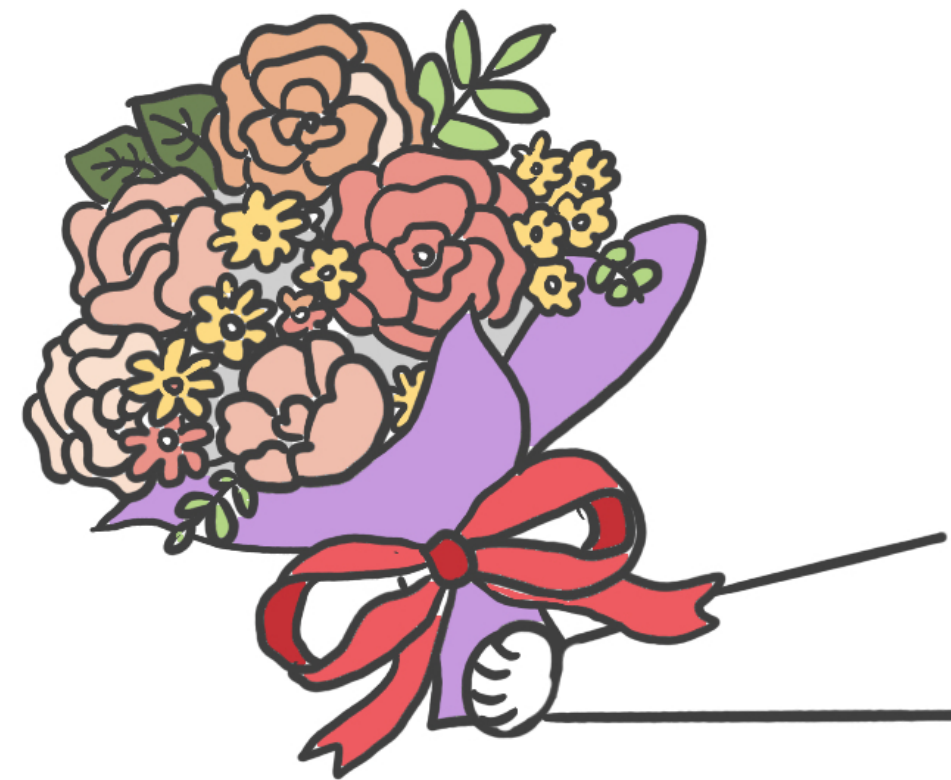




「Caroline Newton」



「Caroline Newton」

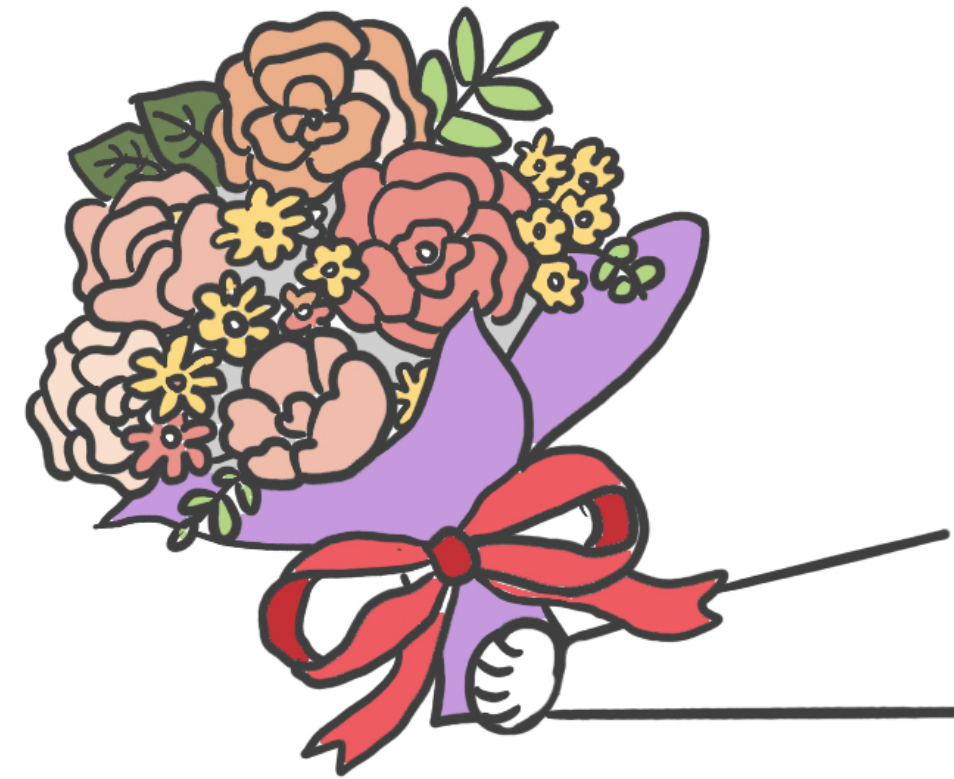




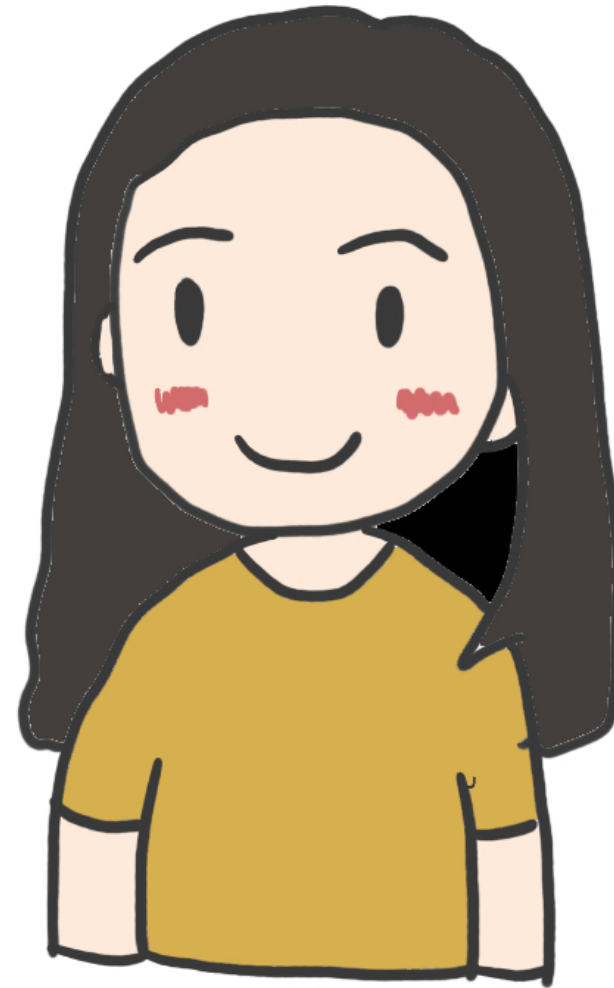
「Ana Petrović」



「Ana Petrović」



.....



「Me」



Thank you!

SHOW THE

THE BUDGET

