

Towards a More Socio-culturally Sustainable Future of

C_{heng} D_u C_{ity}

让成都，在未来，更成都。

The pathway exploration of urban regeneration in the inner city of Chengdu, China, focused on
the local public lifestyle

Under the guidance of dr. Lei Ou and dr. ir. Claudiu Forgaci

P 5

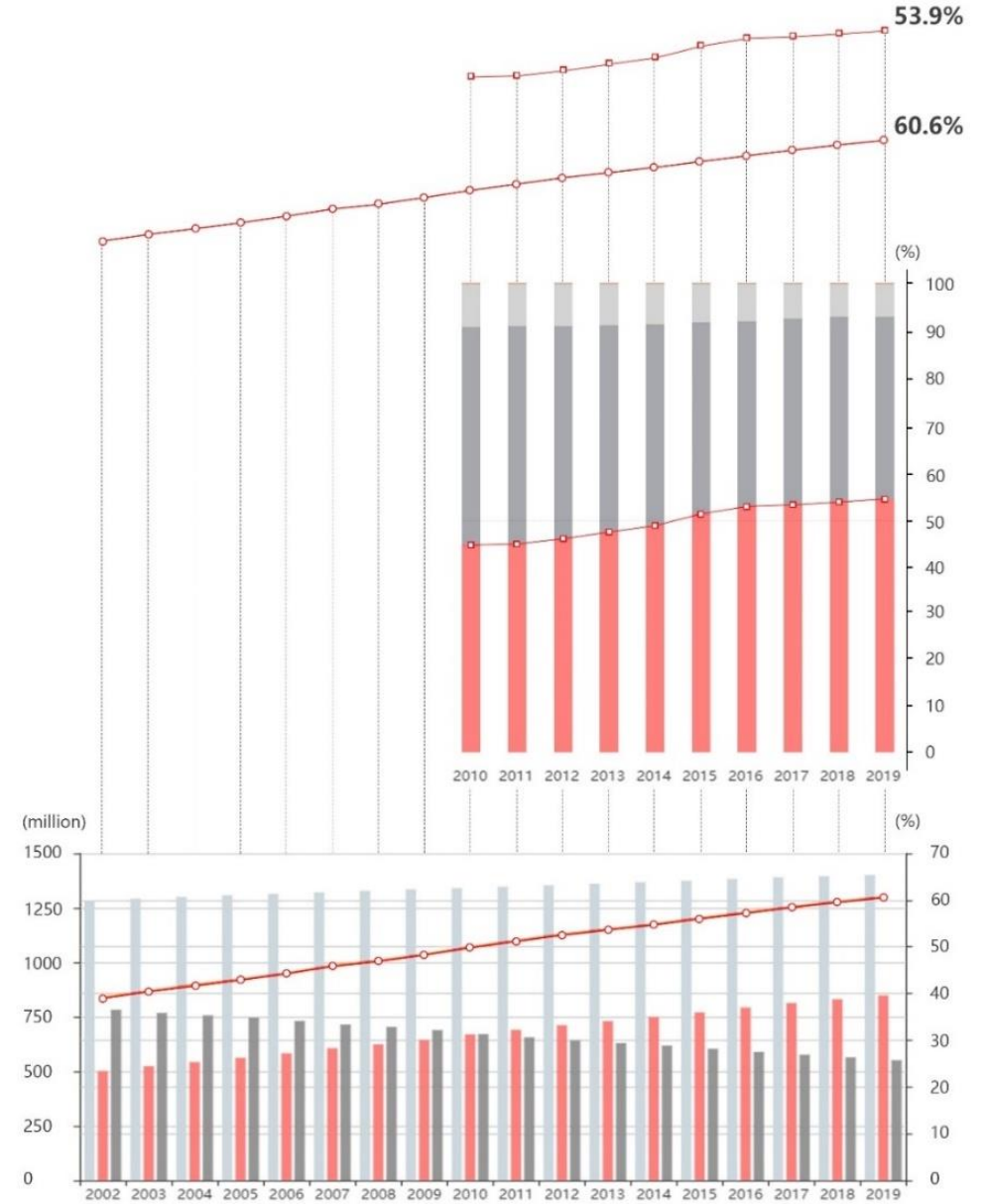
2021/06/28

01 **WHAT** IS THE TOPIC ABOUT — 02 **WHAT** IS THE PROBLEM — 03 **UNDERSTAND** THE PROBLEM — 04 **EXPLORE** THE SOLUTION — 05 **REFLECTION**

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URBAN REGENERATION IN CHINA – A new normal

- By 2020
- 1. The urbanization rate over **60%**
- 2. The added value of the tertiary industry over **53%**



SOCIAL CULTURAL IDENTITY - in demolish & rebuild projects



BEFORE

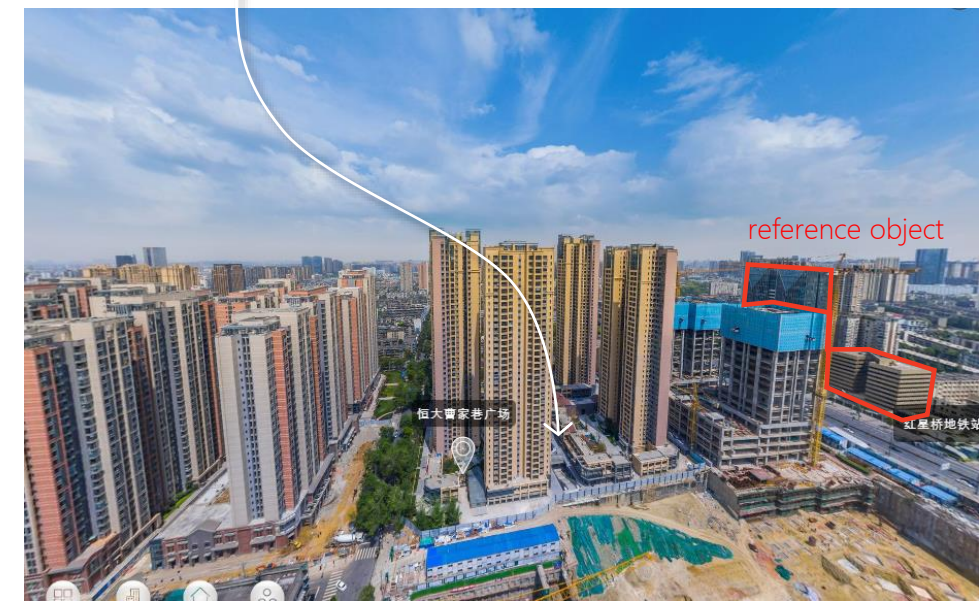


AFTER



reference object

Caojia Alley Community before Urban Regeneration, Chengdu, China (Xinlang News, 2017)

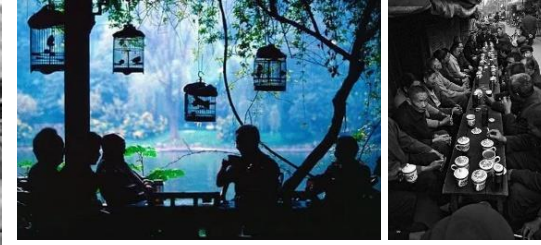
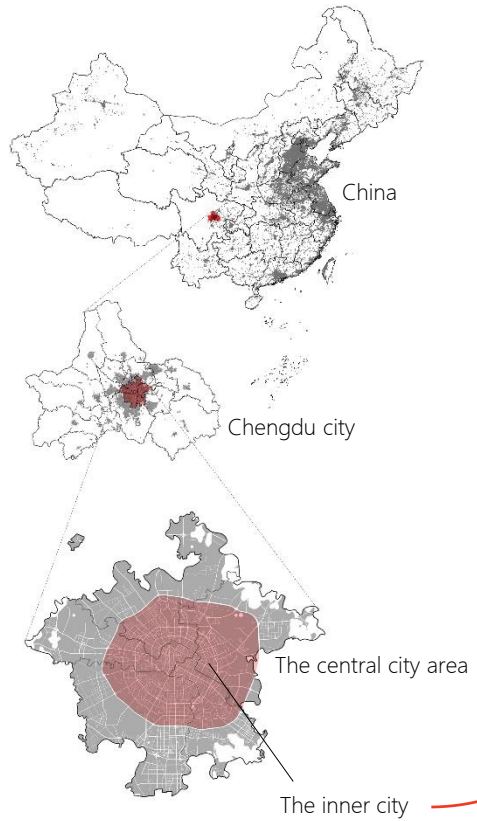


reference object

Caojia Alley Community under Construction 2020, Chengdu, China (Fangtianxia, 2020)

CHENGDU CITY – Local public lifestyle

- A Megacity, Socio-cultural identity stands out
- The local public lifestyle — an essential element
- Strongly reflected in the inner city



Entertainment-driven
Contented
Pleasure
Tea
Slow life
Enjoyable experience

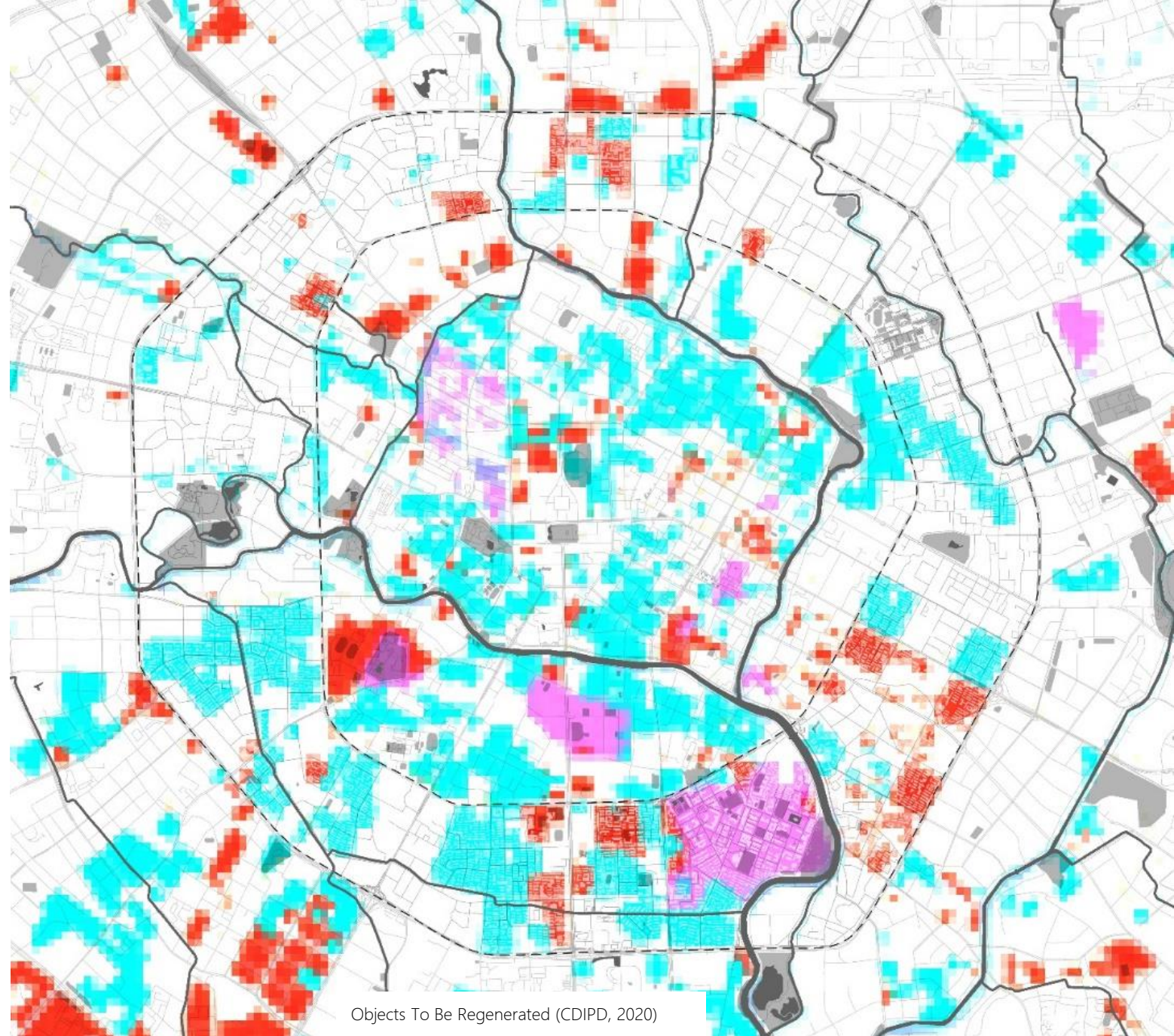
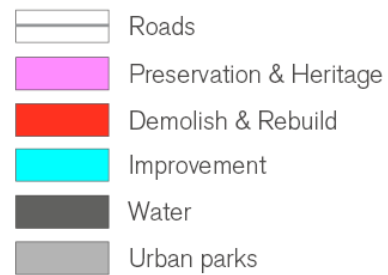
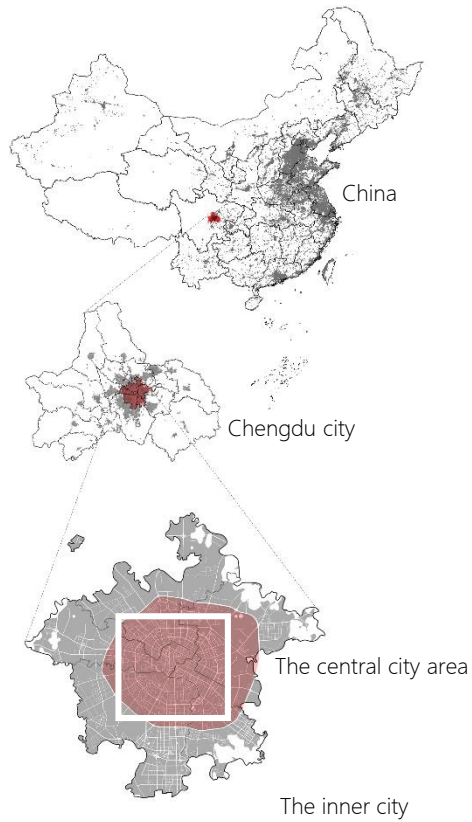


Gastronomy-fueled
Leisure
Consumption
Food



CHENGDU CITY - Urban regeneration

- Overall urban regeneration planning, since 2020
- Massive districts for urban regeneration according to assessment
- A lot of objects to be demolished and rebuilt



01 **WHAT** IS THE TOPIC ABOUT — 02 **WHAT** IS THE PROBLEM — 03 **UNDERSTAND** THE PROBLEM — 04 **EXPLORE** THE SOLUTION — 05 **REFLECTION**

THE PROBLEM



The local public lifestyle in Chengdu city would be **FADING**

through urban regeneration in the future



Why?

The local public lifestyle in Chengdu city would be

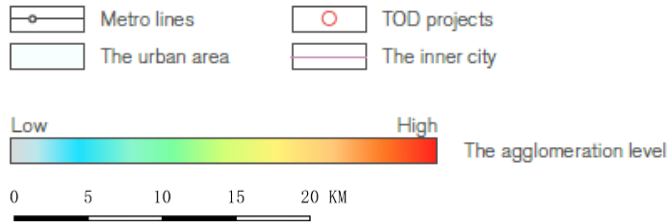
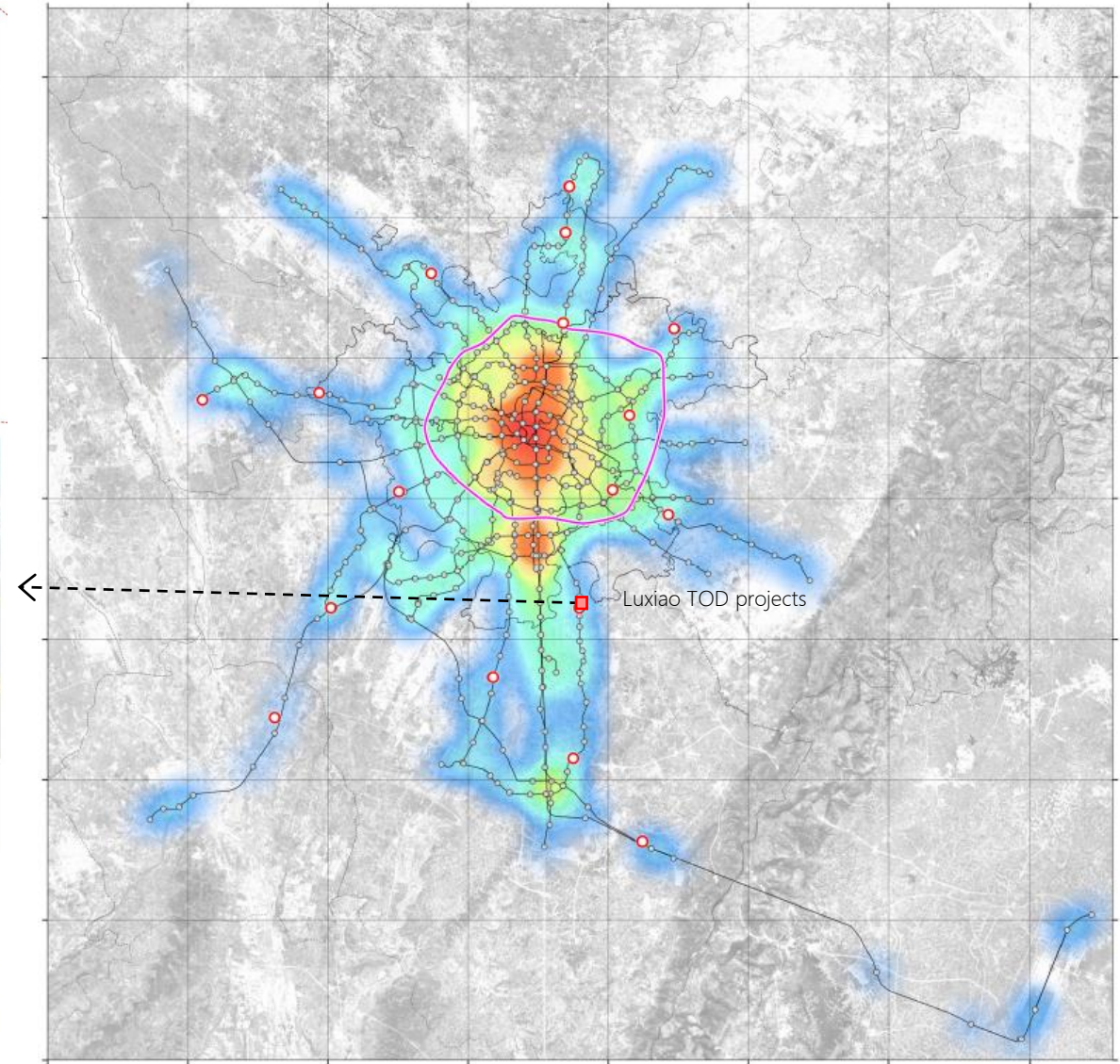
FADING

through urban regeneration in the future

THE TRIGGER - Rapid TOD (transition oriented development) for redevelopment

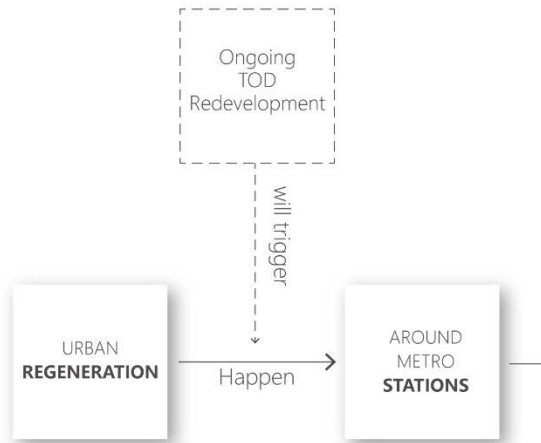
- Rapid TOD redevelopment is happening based on metro lines & stations
- Now out of the inner city
- The inner city, where stations agglomerated

Ongoing
TOD
Redevelopment



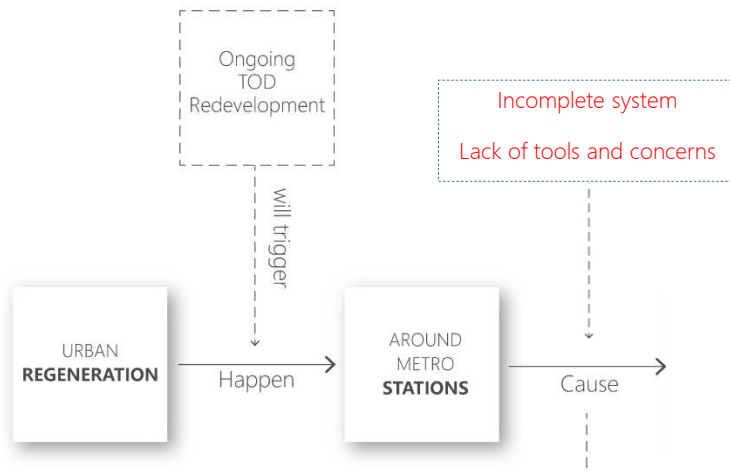
THE POSSIBLE RUSH - fast Demolish & Rebuild

- For growth
- Around metro stations in the inner city



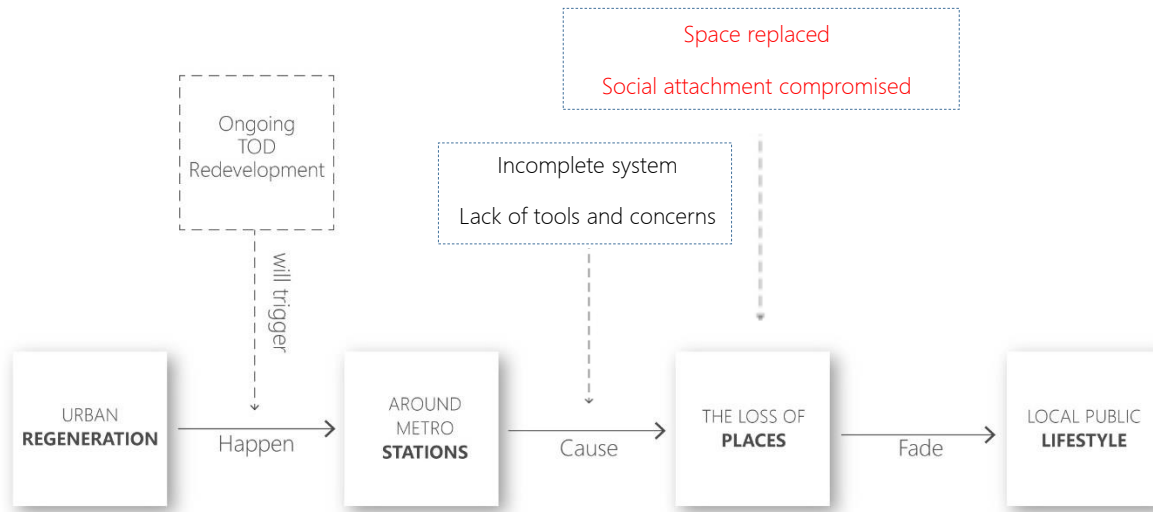
THE INCOMPLETE SYSTEM – Urban Regeneration

- Just started to build the system in 2020...
- Too many issues to be focused on...
- Lack of concern and tools for socio-cultural identity



THE POTENTIAL THREAT

- Place = Space + Social attachment (John Friedmann, 2010)
- The loss of places = Threats to the local public lifestyle







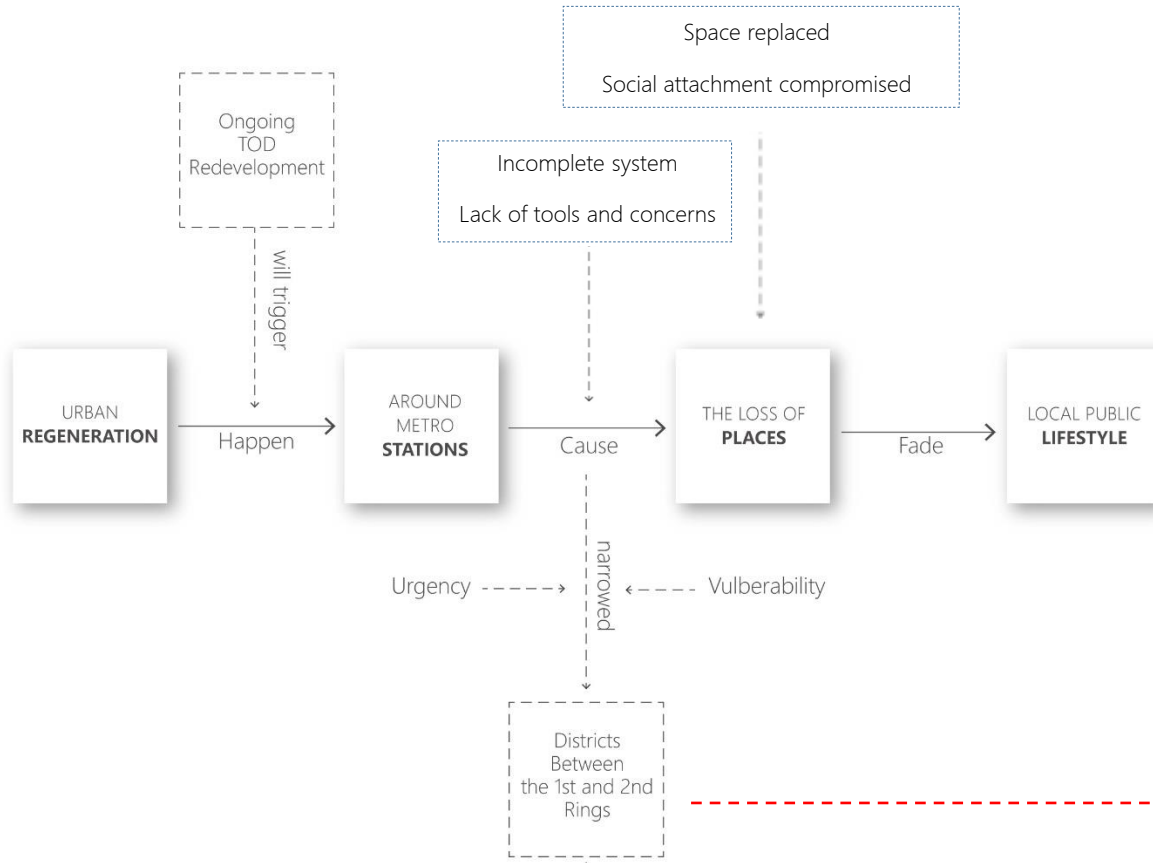
↑
SUPPORTING



THE FOCUSED AREA

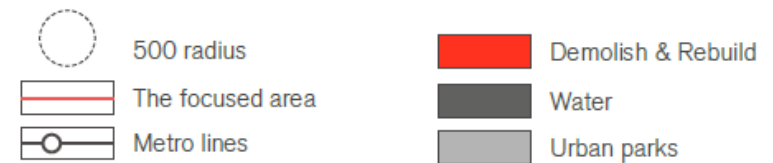
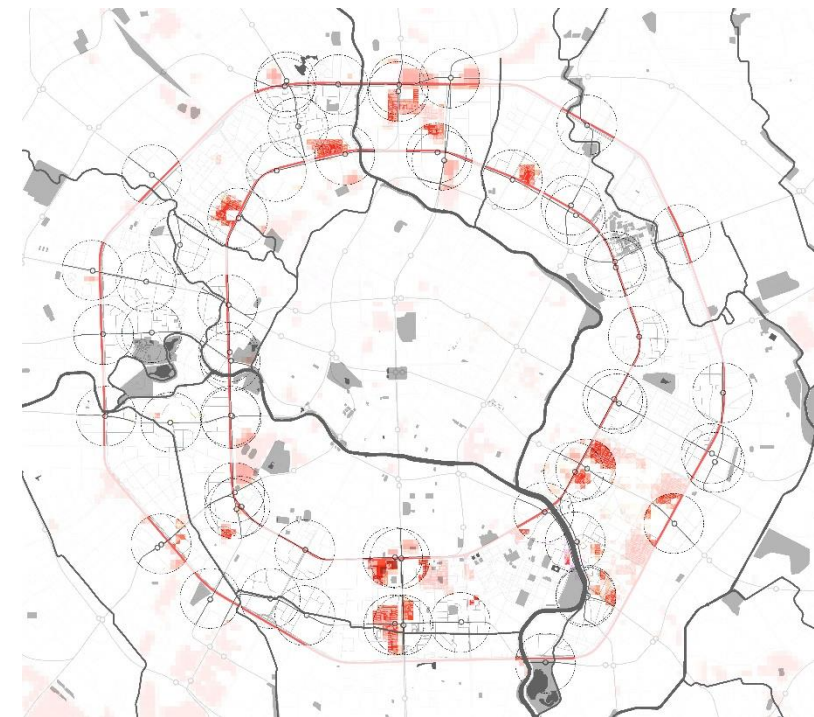
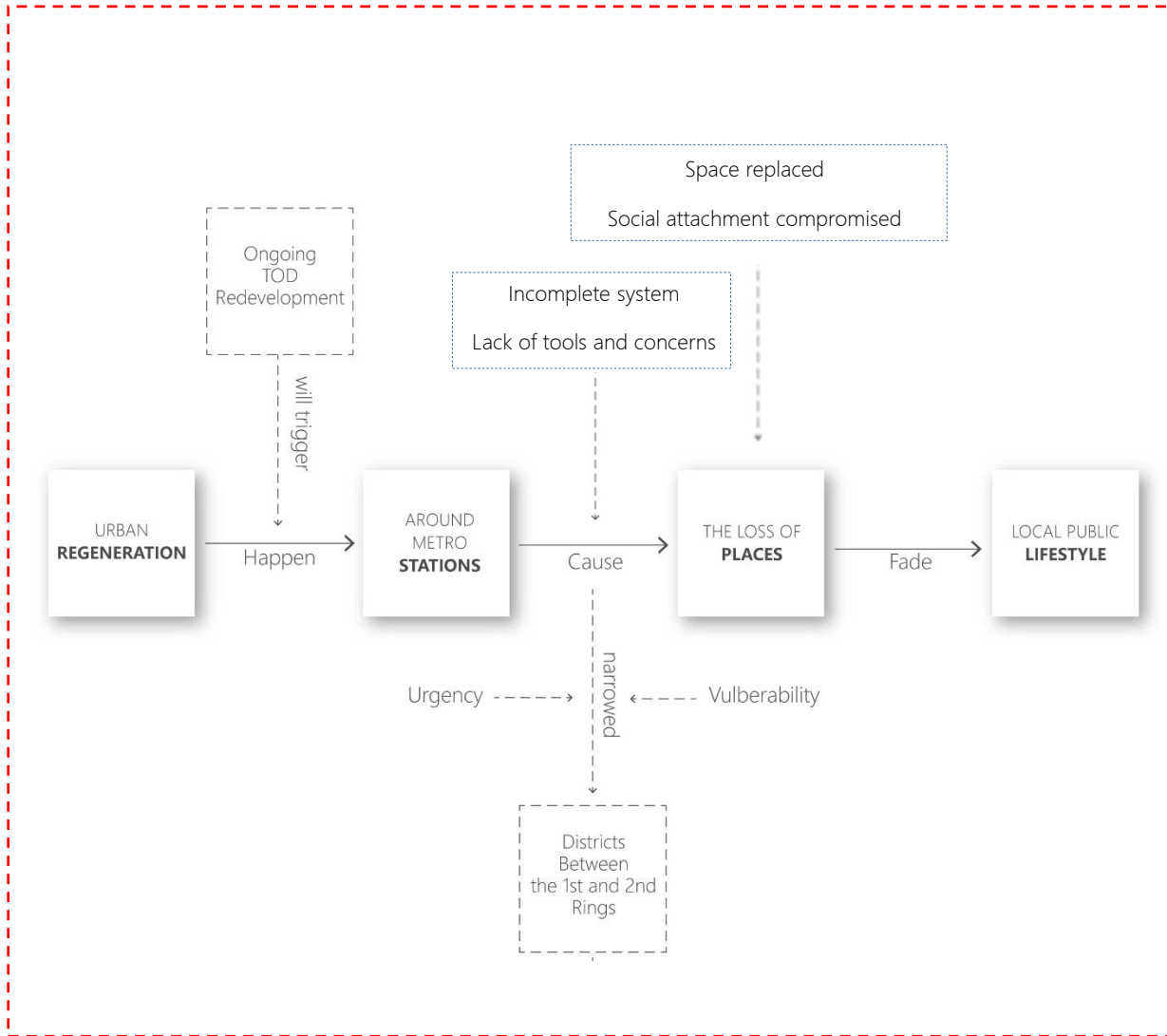
- The most urgent and vulnerable — *Between the 1st and 2nd rings*

-  The cultural urban “gardens”
-  The historical preservation zone
-  The old city
-  The focused area



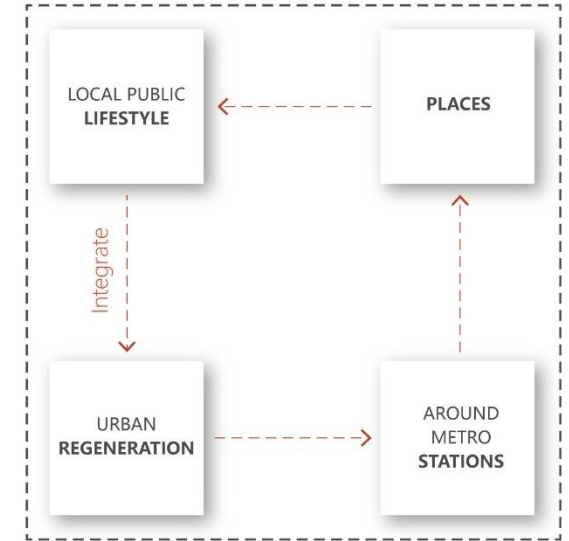
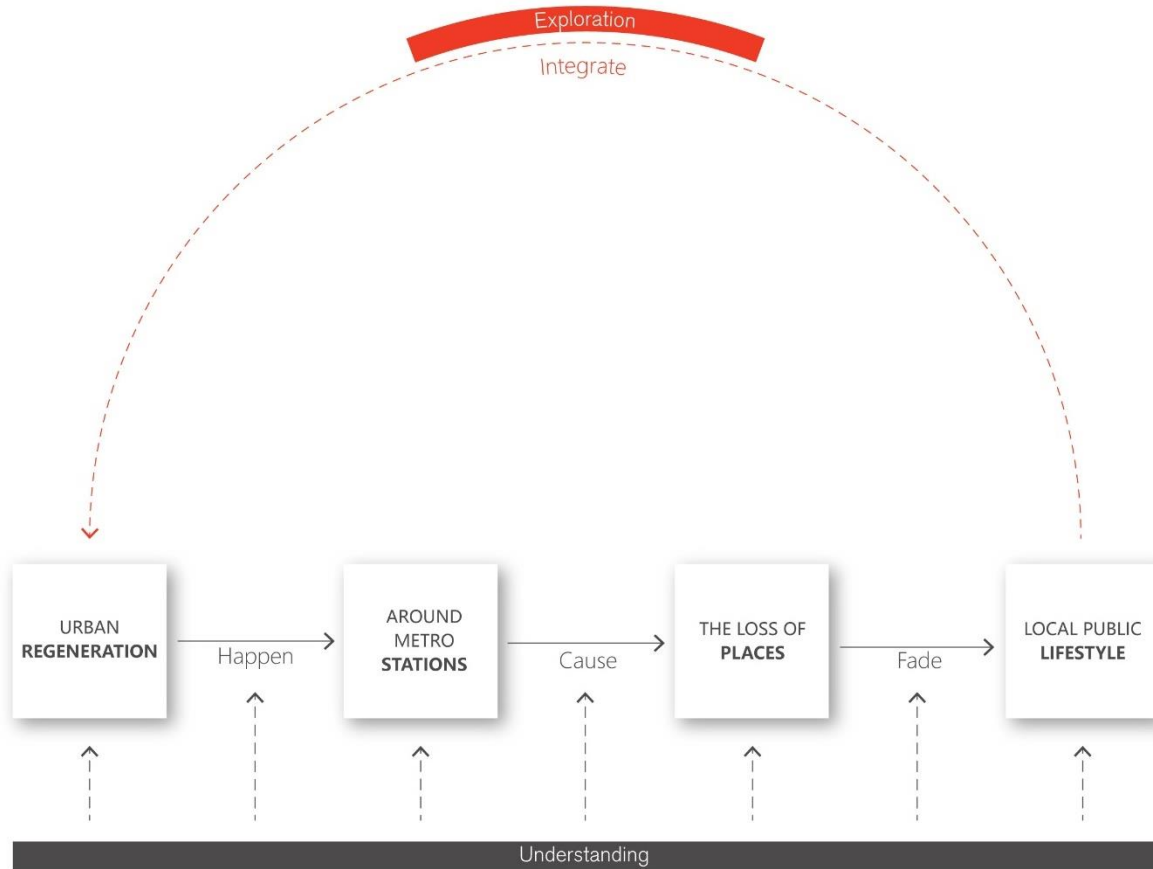
PROBLEM STATEMENT

- A linear fading system



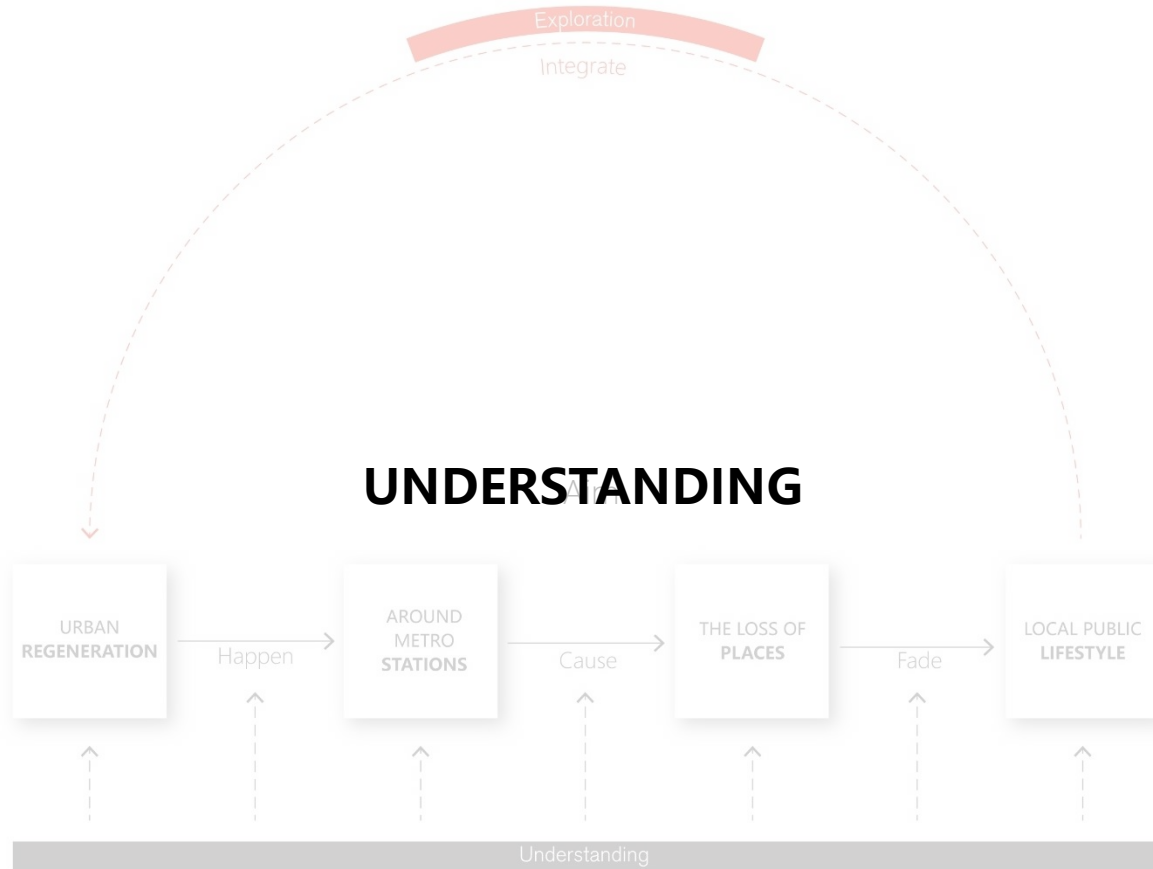
RESEARCH FOCUS

- Research = Understanding + Exploration



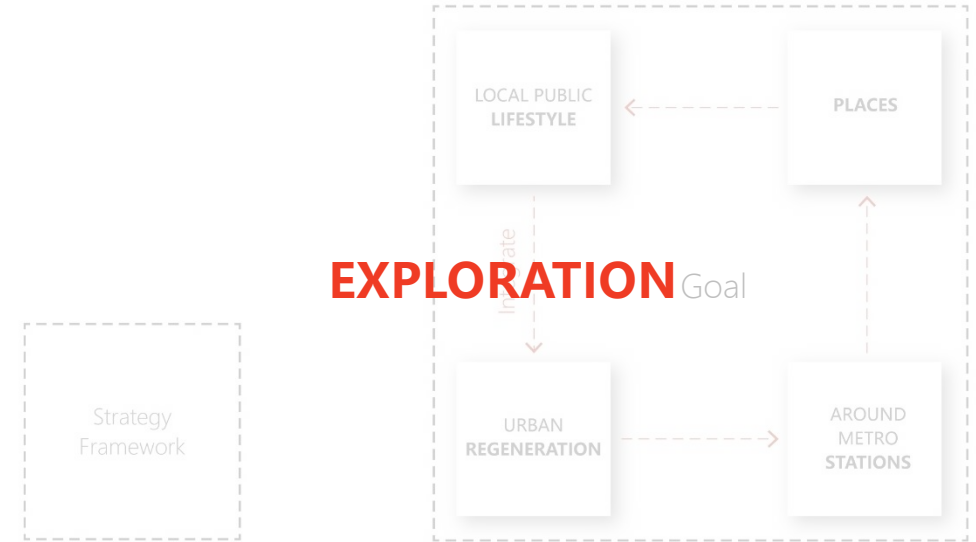
Aim -----> **Goal: Extending & Flourishing**

RESEARCH QUESTION



1. The supporting factors for the local public lifestyle

2. The existing way of demolish & rebuild, influence on lifestyle



3. How to extend and flourish

4. How to give a transferable system

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LIFESTYLE

- Lifestyle = Places + Users + Social rituals

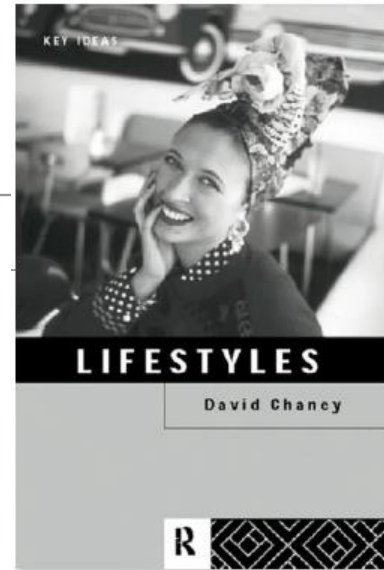
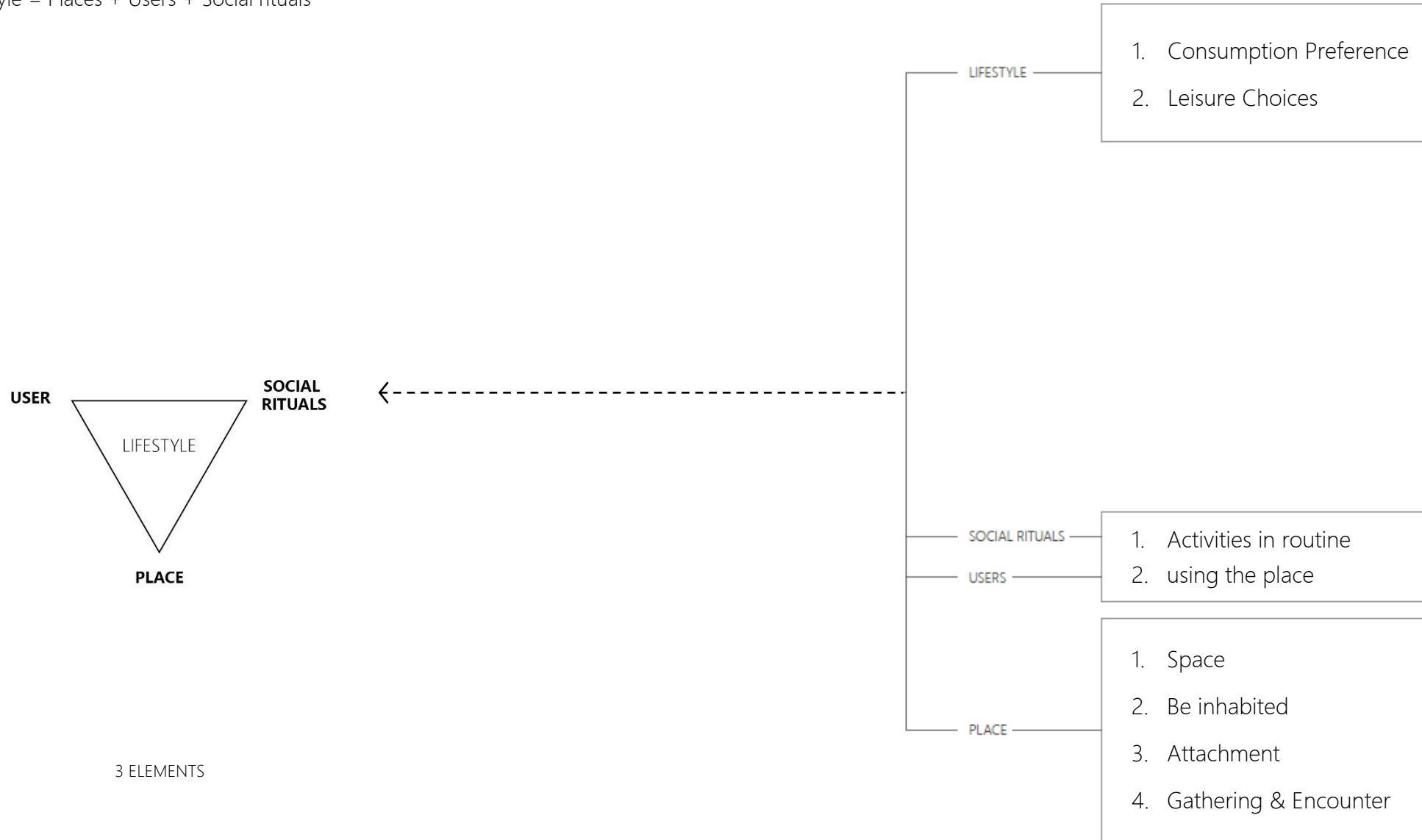


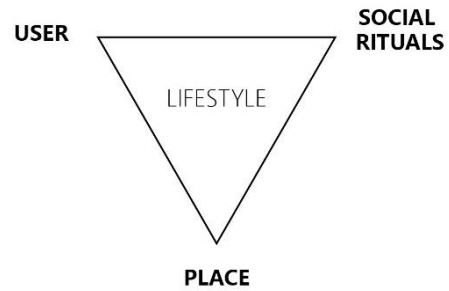
Figure 1.1.1. Lifestyle: Key Ideas (David Chaney, 1996)



Figure 1.1.2. Place and place-making in cities: a global perspective (John friedmann, 2010)

THE LOCAL PUBLIC LIFESTYLE

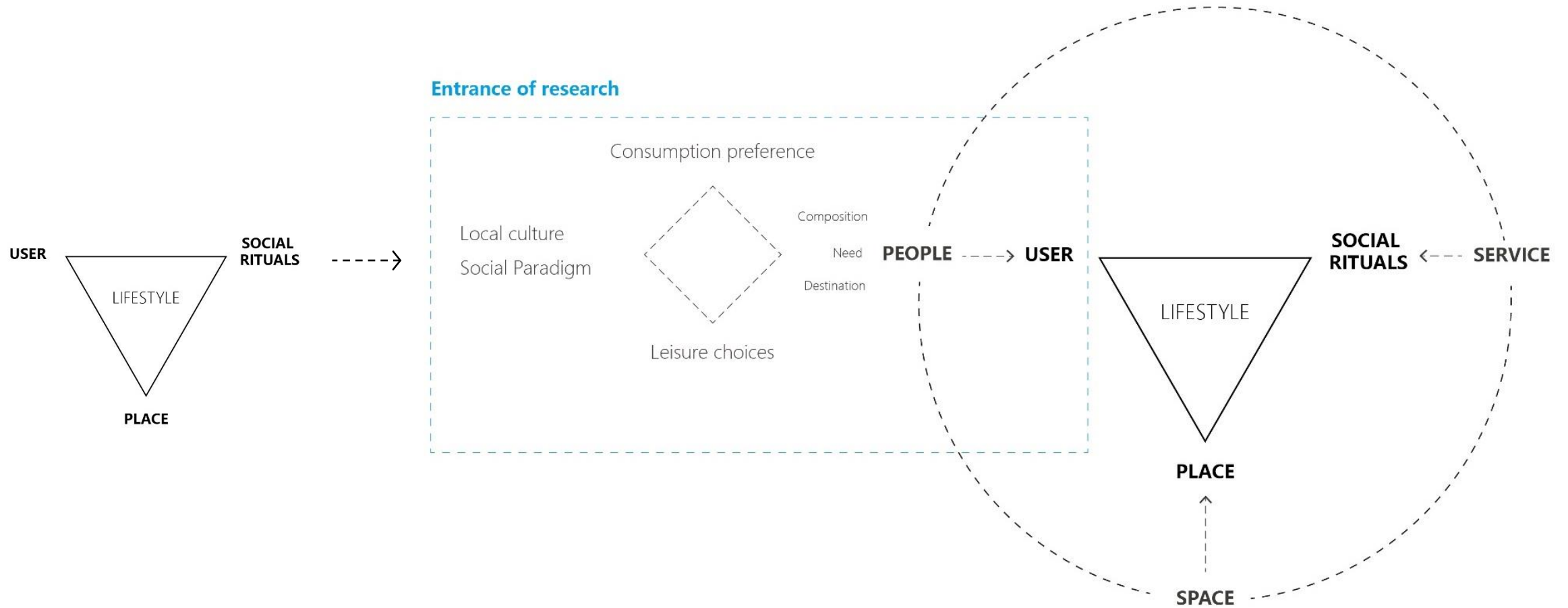
- Lifestyle (local and public) = Places (public and local) + Users (all kinds of local people) + Social rituals (Local and public)



3 ELEMENTS



THE LOCAL PUBLIC LIFESTYLE – Research Entrance

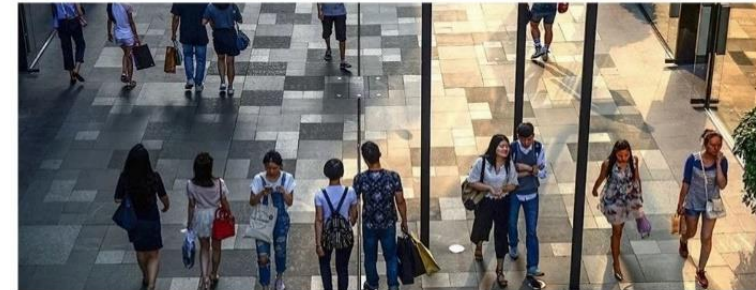
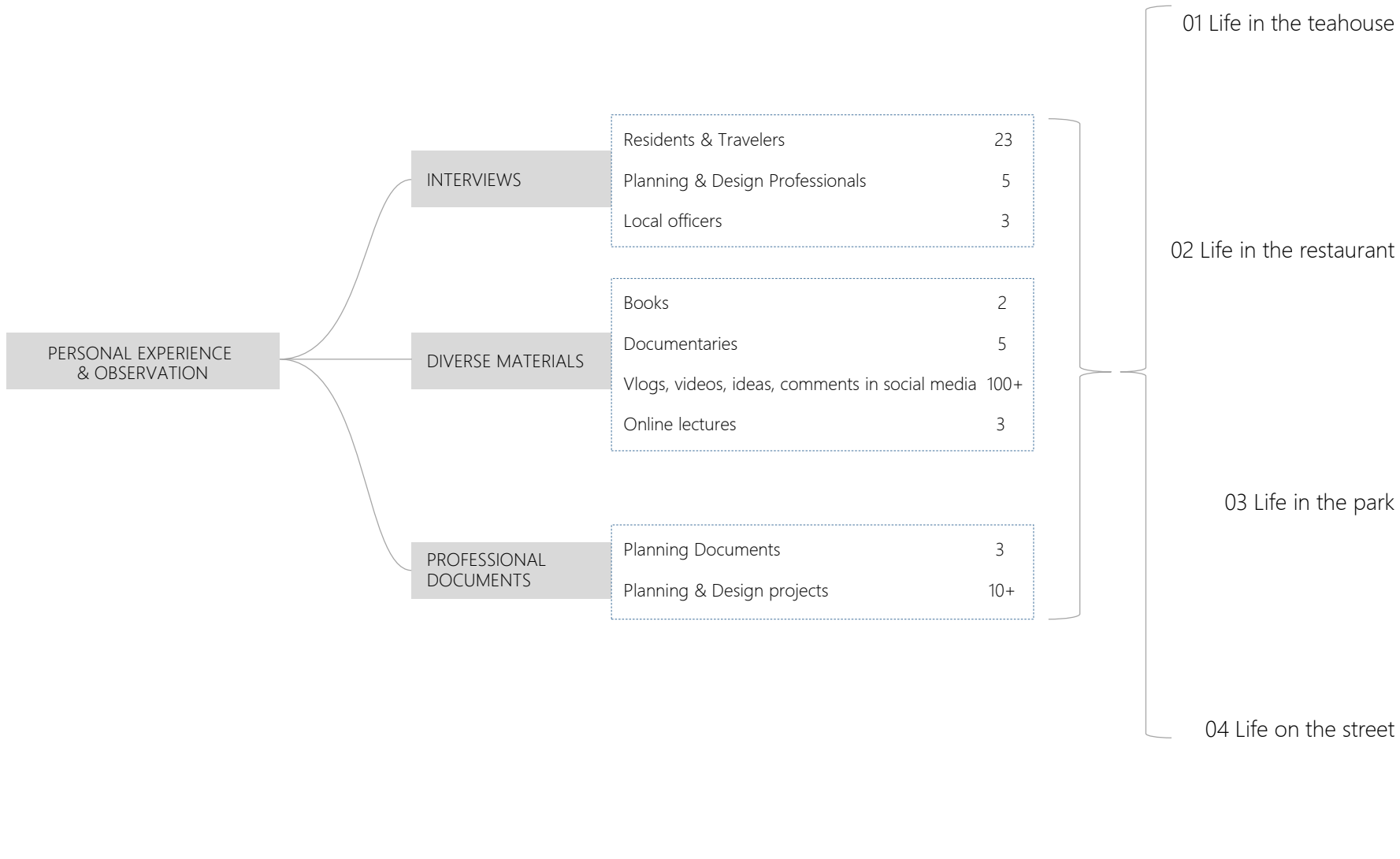


3 ELEMENTS

SUPPORTED BY URBAN FUNCTION MECHANISM

THE LOCAL PUBLIC LIFESTYLE IN CHENGDU CITY

- 4 scenes can be concluded



UNDERSTANDING - Process

1

SOCIO-SPATIAL ANALYSIS

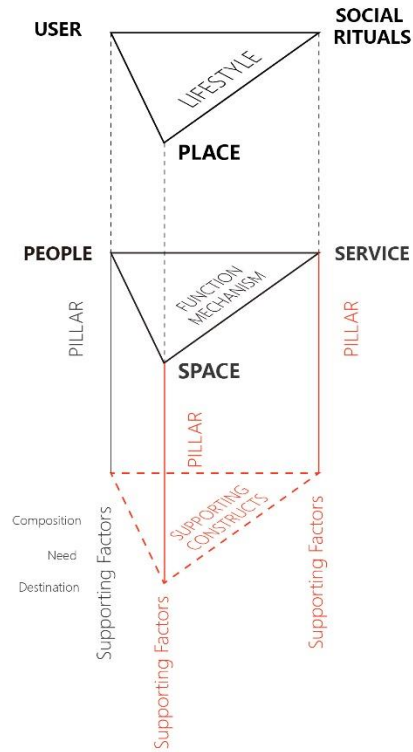
2

MODE ANALYSIS

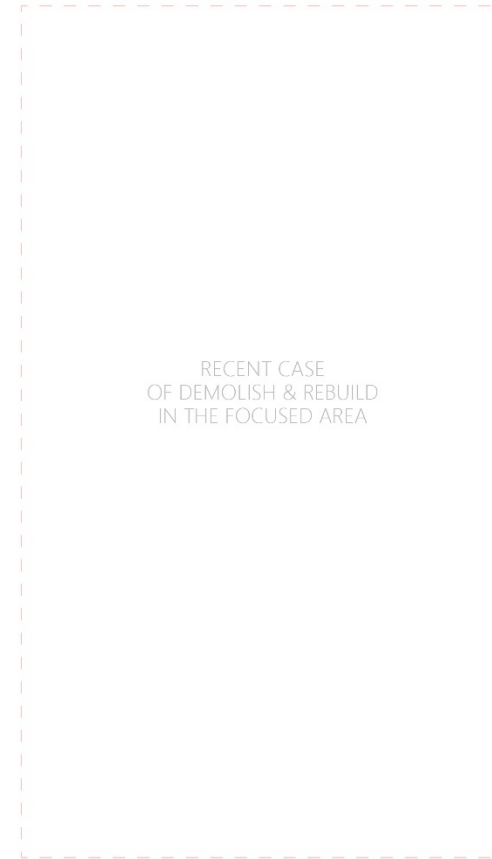
3

TESTING ON SITES

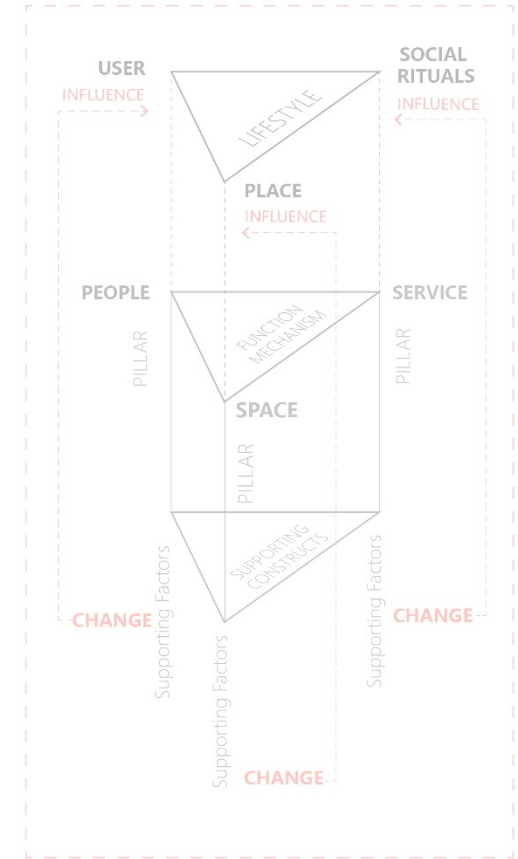
Table & pillars



THE LIFESTYLE MODEL



THE EXISTING MODE



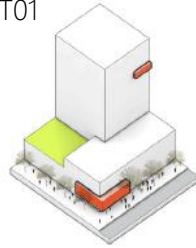
THREATS & OPPORTUNITY

01 LIFE IN THE TEAHOUSE – Typology & Places

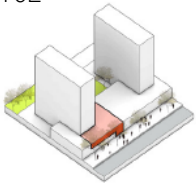
- Everywhere, 4080 POI
- 5 types



T01



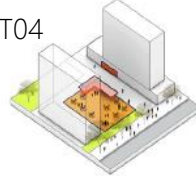
T02



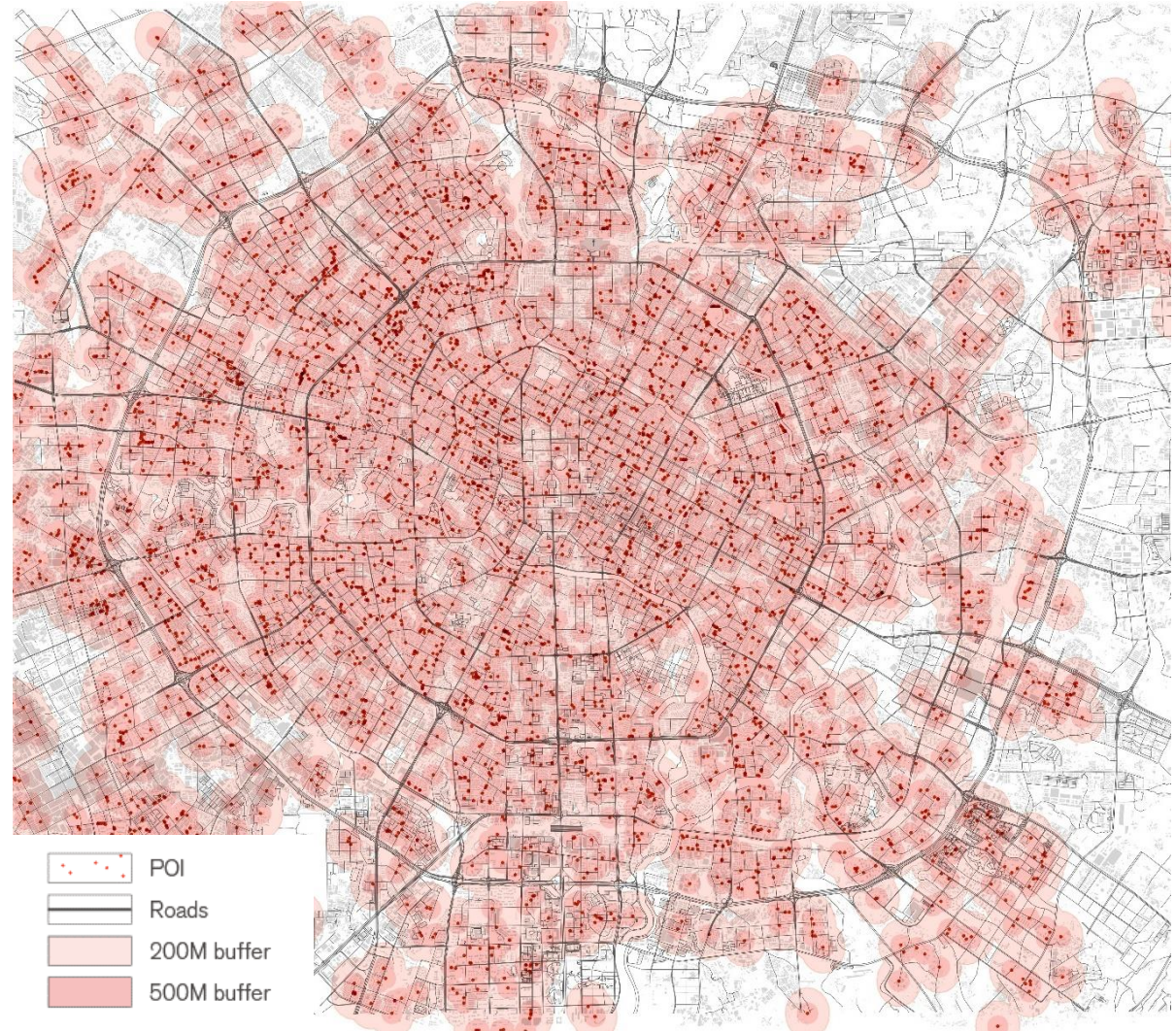
T03



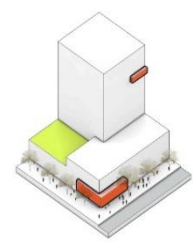
T04



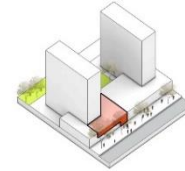
T05



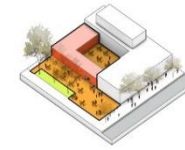
01 LIFE IN THE TEAHOUSE – Pillar of Space



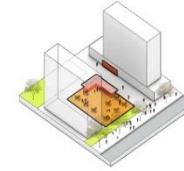
T01-On the main streets



T02-On the living streets



T03-In the cultural heritage districts



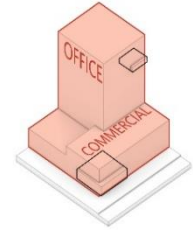
T04-In the communities



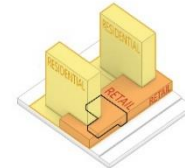
T05-In the parks

Land-use

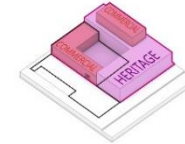
Mixed-use borders



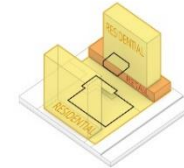
Large scale commercial & business



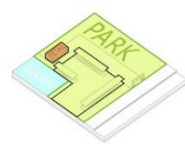
Commercial or retail podiums



Commercial space mixed



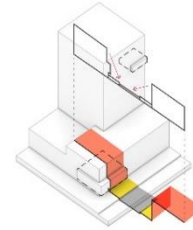
Commercial space inside communities



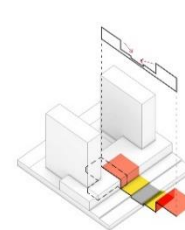
In the parks

Urban form

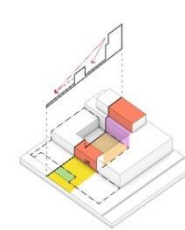
Streets and open spaces



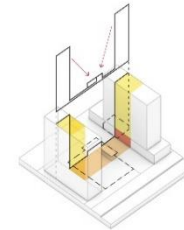
On the main streets



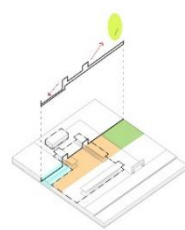
On the community streets



On the pedestrian

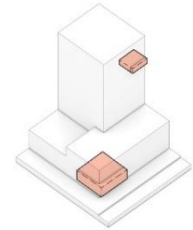


In the open space in communities

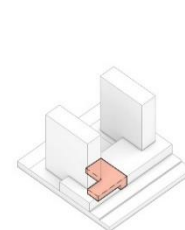


In the open space with good views

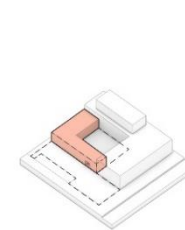
Indoor commercial space



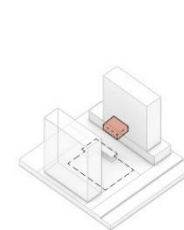
Indoor commercial space



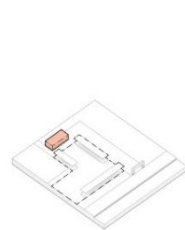
Indoor commercial space



Indoor commercial space



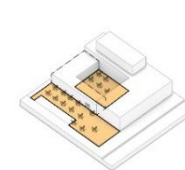
Indoor commercial space



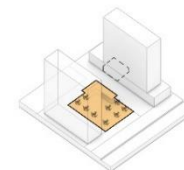
Indoor commercial space

Special constructs

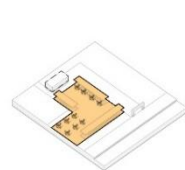
outdoor commercial space



Outdoor commercial space



Outdoor commercial space



Outdoor commercial space

SPACE

01 LIFE IN THE TEAHOUSES – Pillar of Service

- diverse services, a public living room, a combination of pubs and café
- Strong public characteristics
- Highly affordable

Dining & Tea



Business & Working



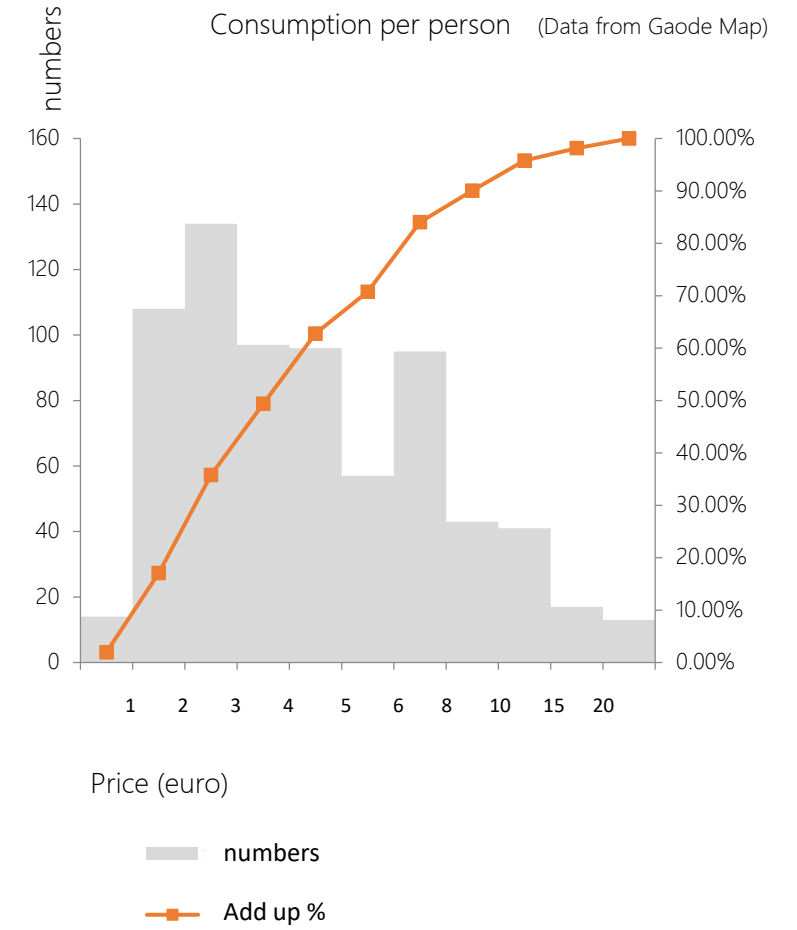
Relax & Leisure



Socializing



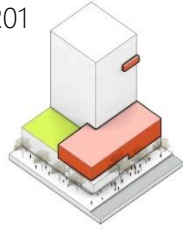
Entertainment



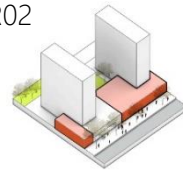
02 LIFE IN THE RESTAURANTS – Places



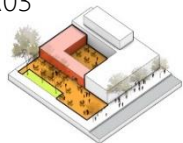
R01



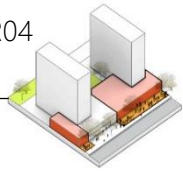
R02



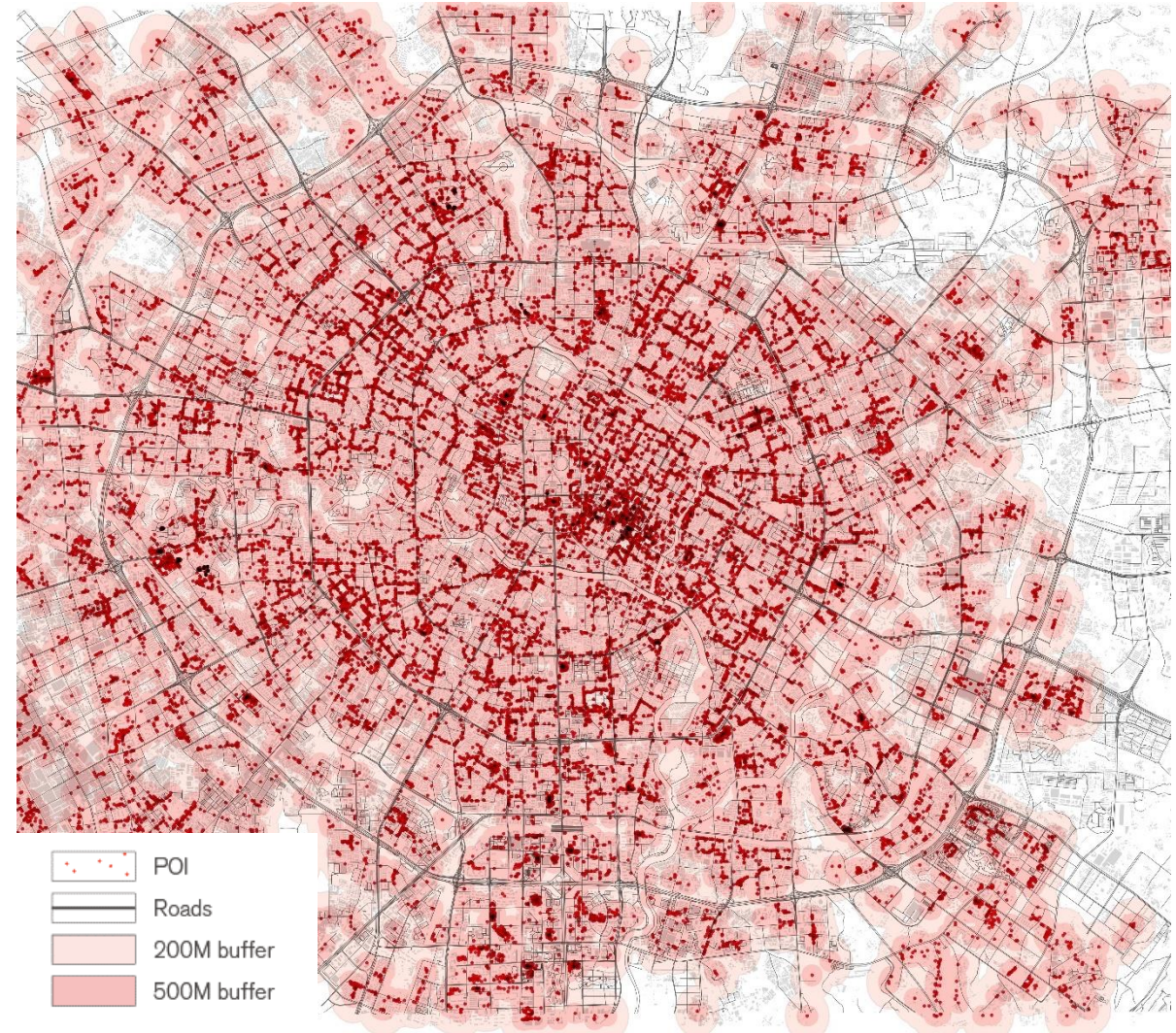
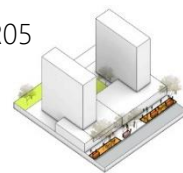
R03



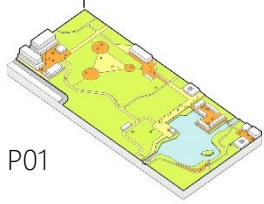
R04



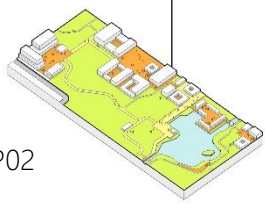
R05



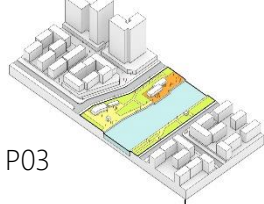
03 LIFE IN THE PARKS –Places



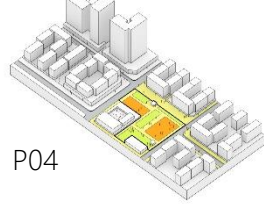
P01



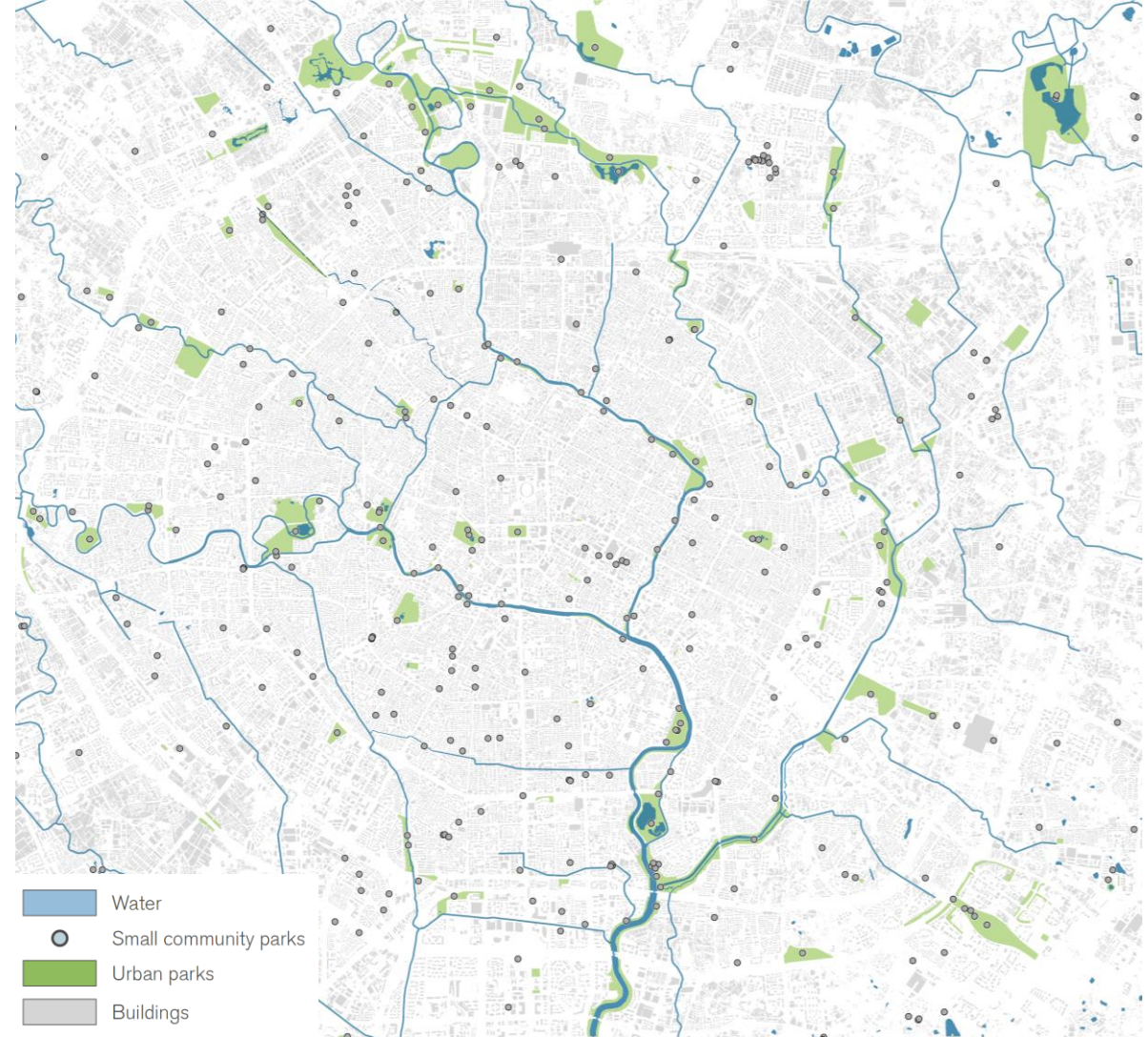
P02



P03



P04

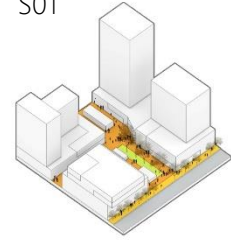


04 LIFE ON THE STREETS –Places



知乎 @若是果果说

S01



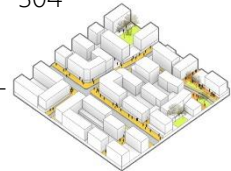
S02



S03



S04



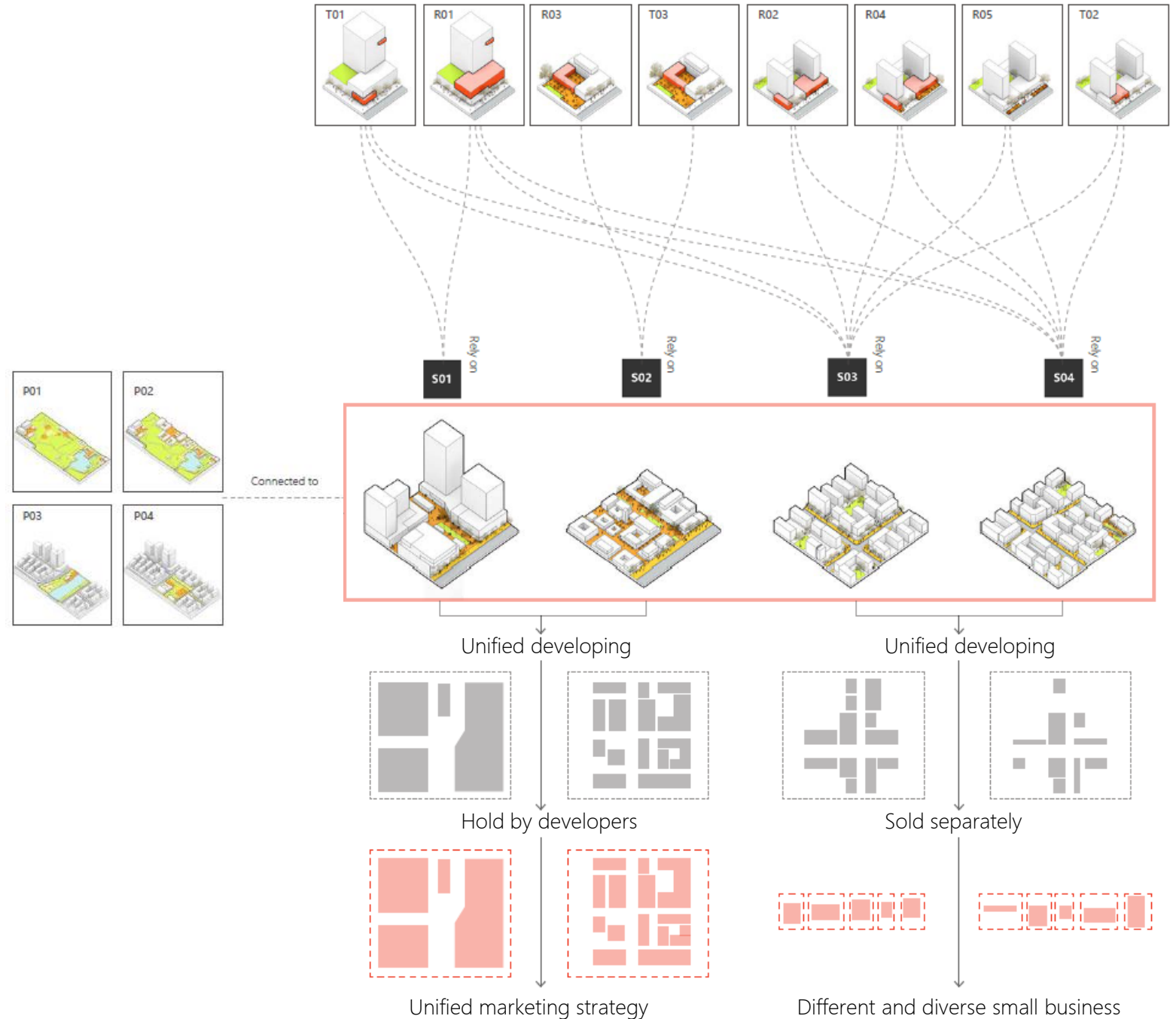
THE LOCAL PUBLIC LIFESTYLE – Conclusion

- 4 groups, 18 types

		T					R					P				S			
CODE		T01	T02	T03	T04	T05	R01	R02	R03	R04	R05	P01	P02	P03	P04	S01	S02	S03	S04
SPACE	SCENE																		
	Land-use																		
	Urban form																		
	Special constructs																		
	Characteristic	Commercial, but with strong public characteristics										Public, but strongly related commercial service							
Diversity	High													High					
Affordability	High																		
Accessibility														High					

THE LOCAL PUBLIC LIFESTYLE – Conclusion

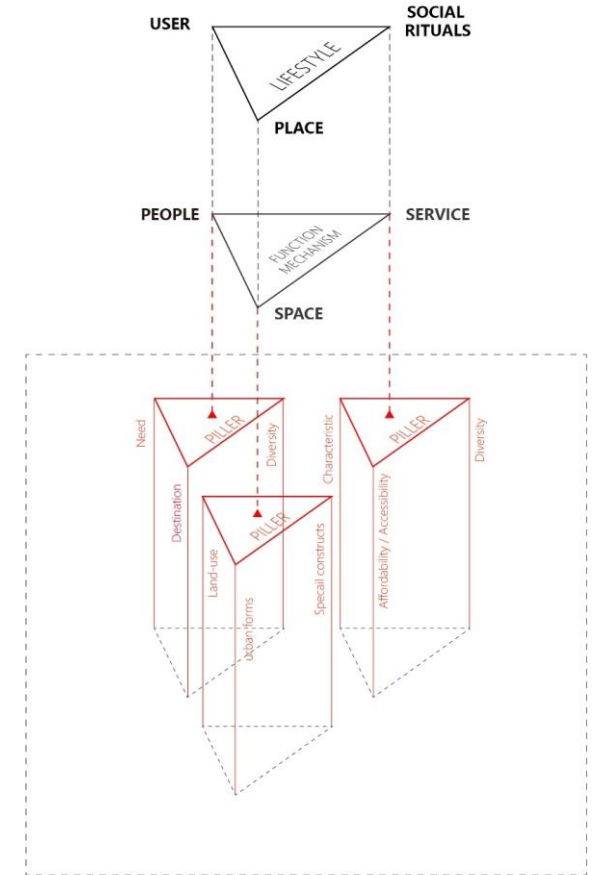
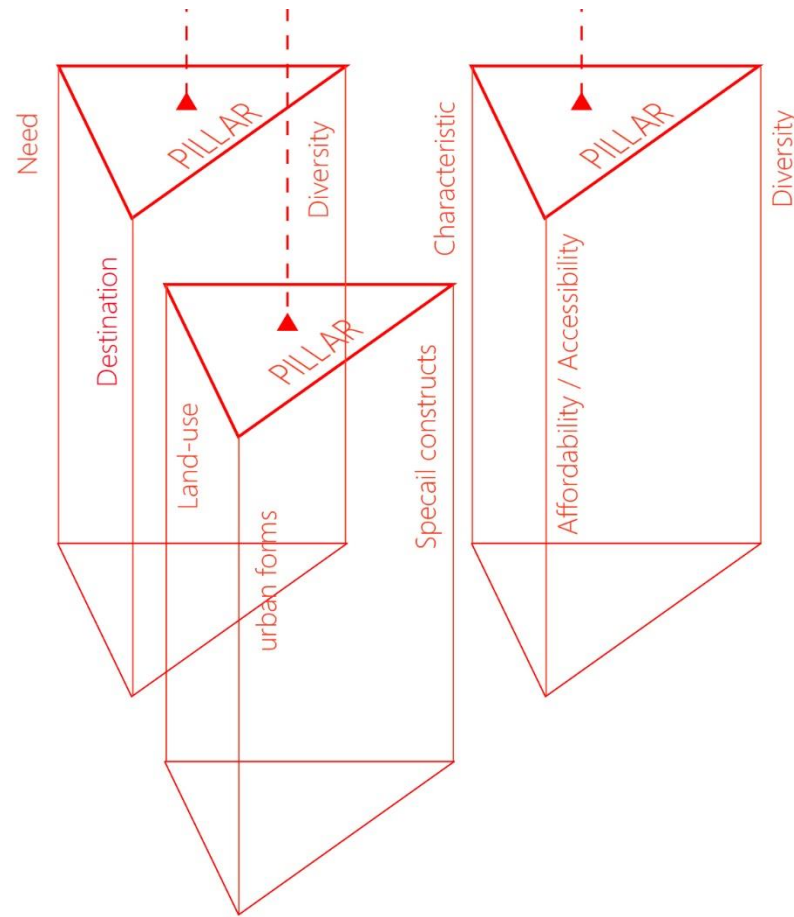
- Streets are essentially important
- Especially the type 3 and type 4



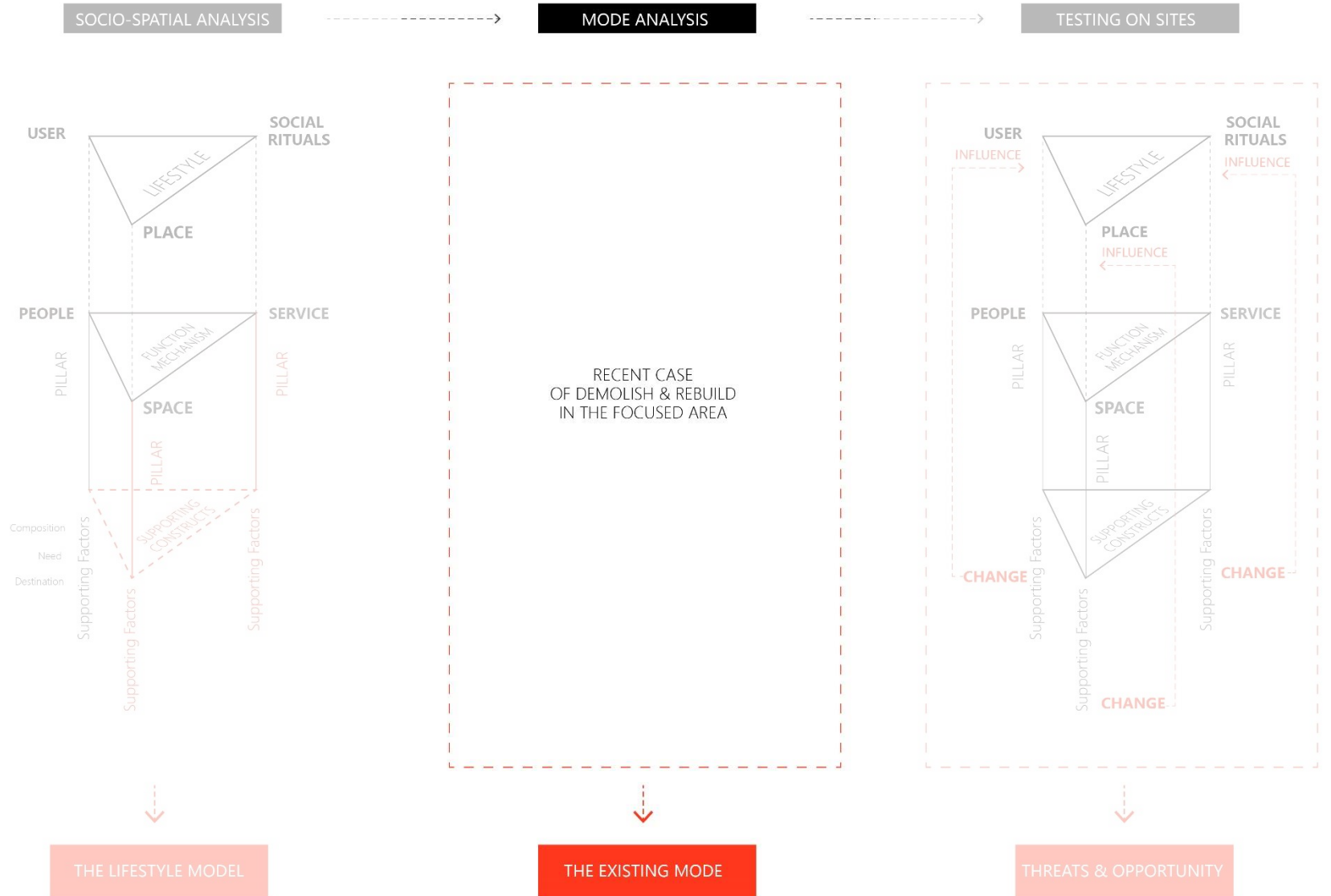
THE LOCAL PUBLIC LIFESTYLE – THE SOCIO-SPATIAL MODEL

- 01 Life in the teahouse
- 02 Life in the restaurant
- 03 Life in the park
- 04 Life on the street

T01	T02	T03	T04	T05
R01	R02	R03	R04	R05
S01	S02	S03	S04	
P01	P02	P03	P04	

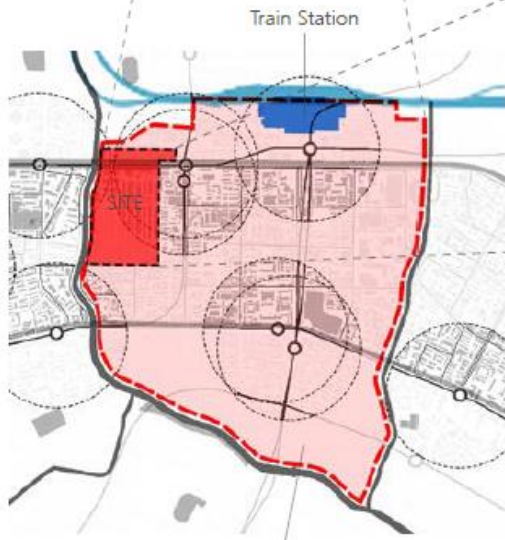


UNDERSTANDING - Process



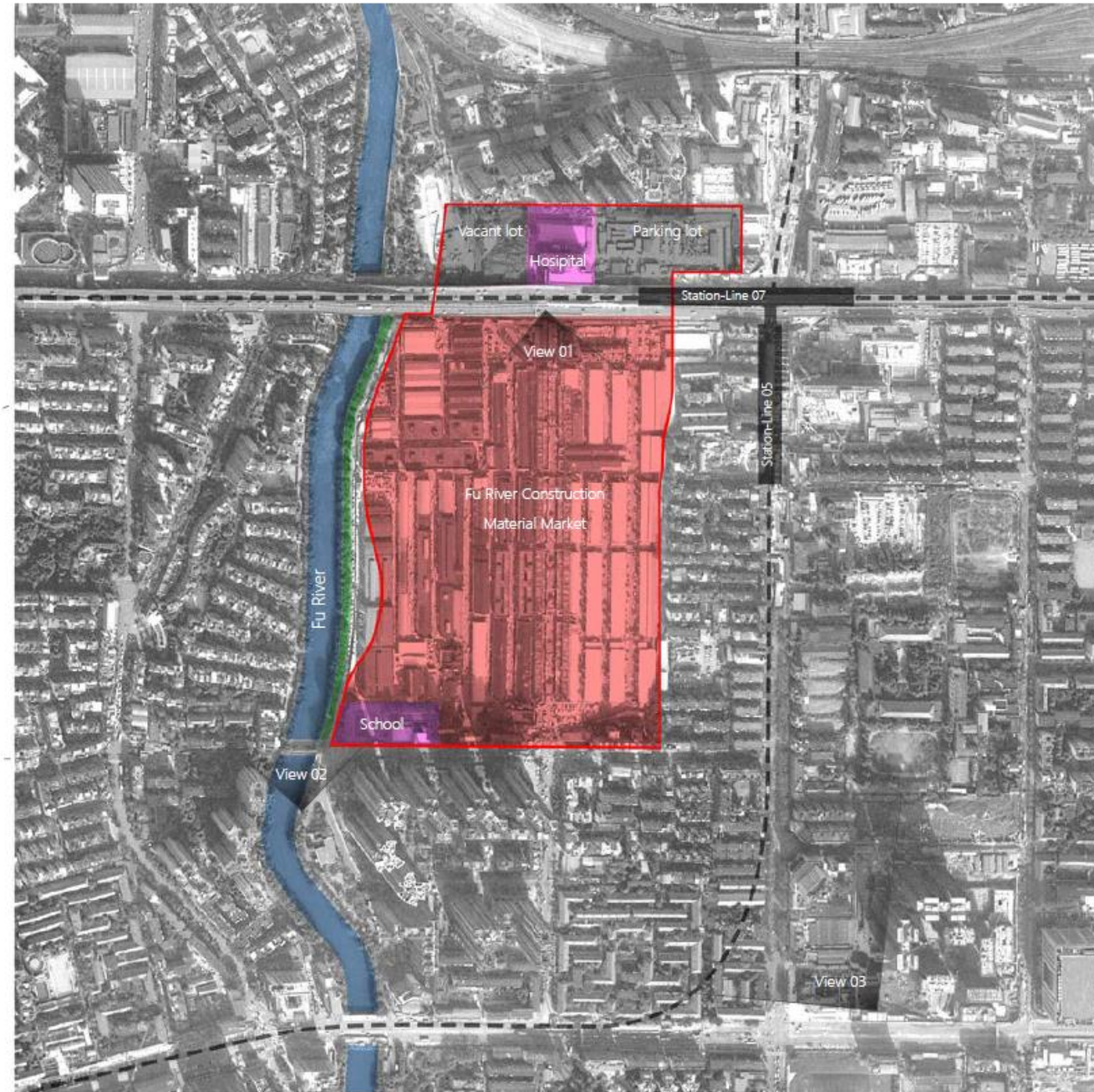
CASE STUDY – Demolish & Rebuild

- The latest case



The comprehensive service district in front of the train station

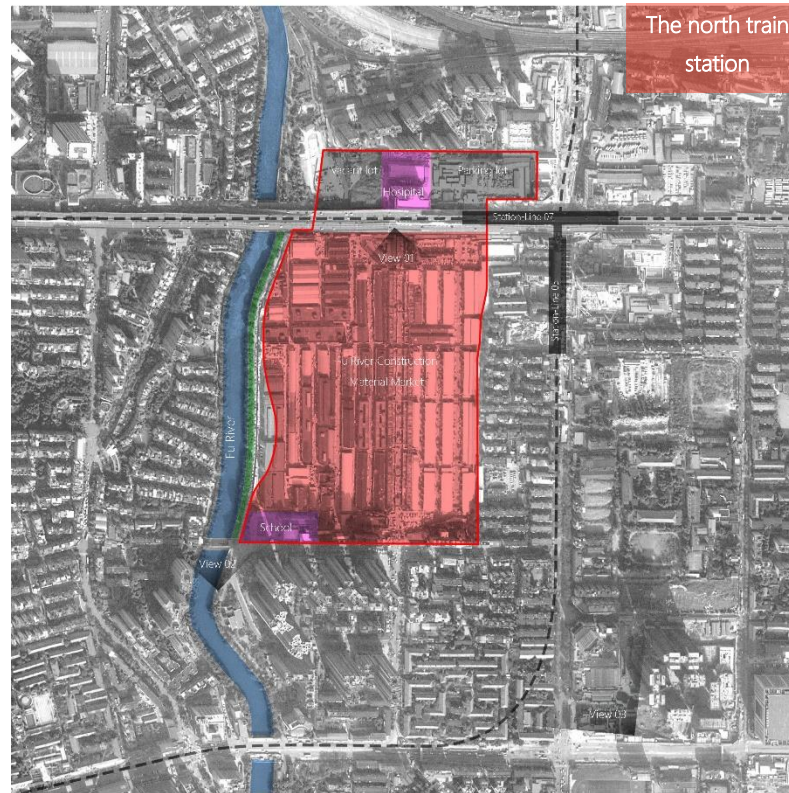
- Other use
- Commercial
- Public service
- Riverside Greenery
- Water



CASE STUDY – Demolish & Rebuild

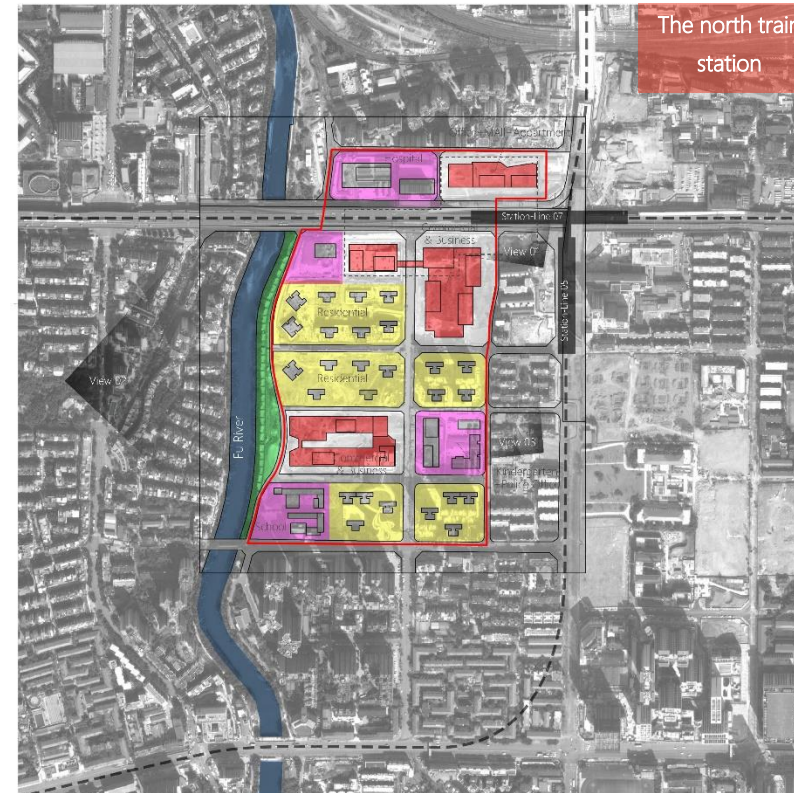
- The latest case – made by business as usual

A construction material market - **BEFORE**



- Other use
- Commercial
- Public service
- Riverside Greenery
- Water

AFTER - A comprehensive service cluster



- Residential
- Commercial & Business
- Public service
- Park
- Water
- Large open space

- Small blocks, large spatial increment
- Commercial & business space around metro stations with open spaces
- Concentration of service
- Release green spaces



View 01



View 02



View 03



View 01



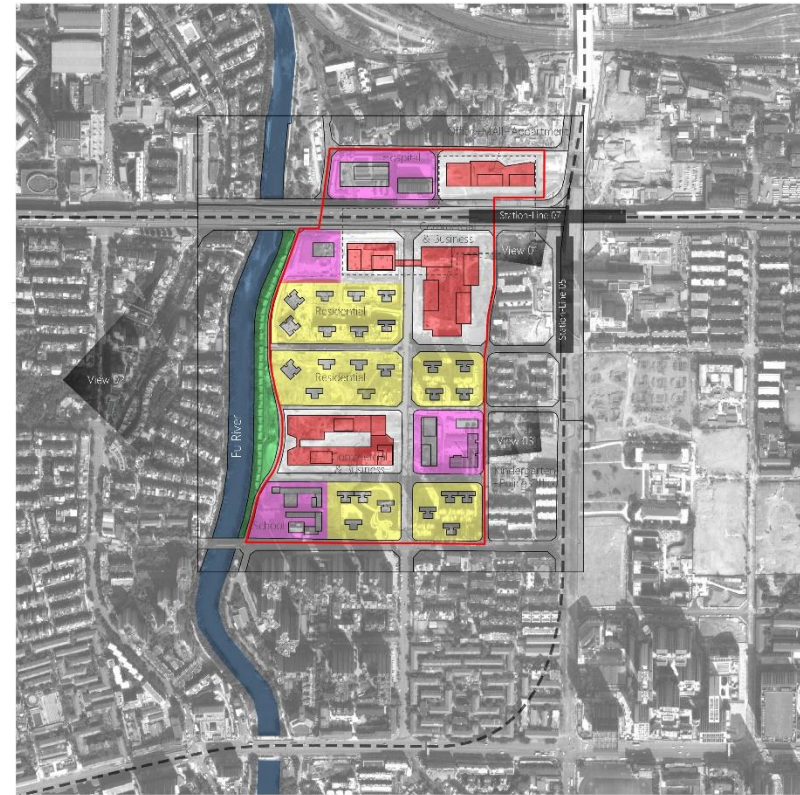
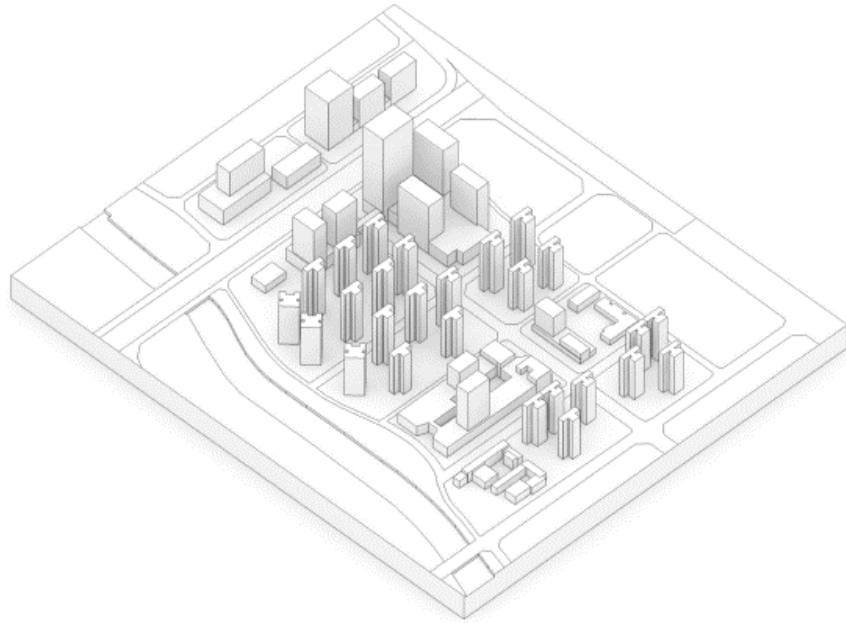
View 02



View 03

CASE STUDY – Demolish & Rebuild

FSI: 4.5



View 01

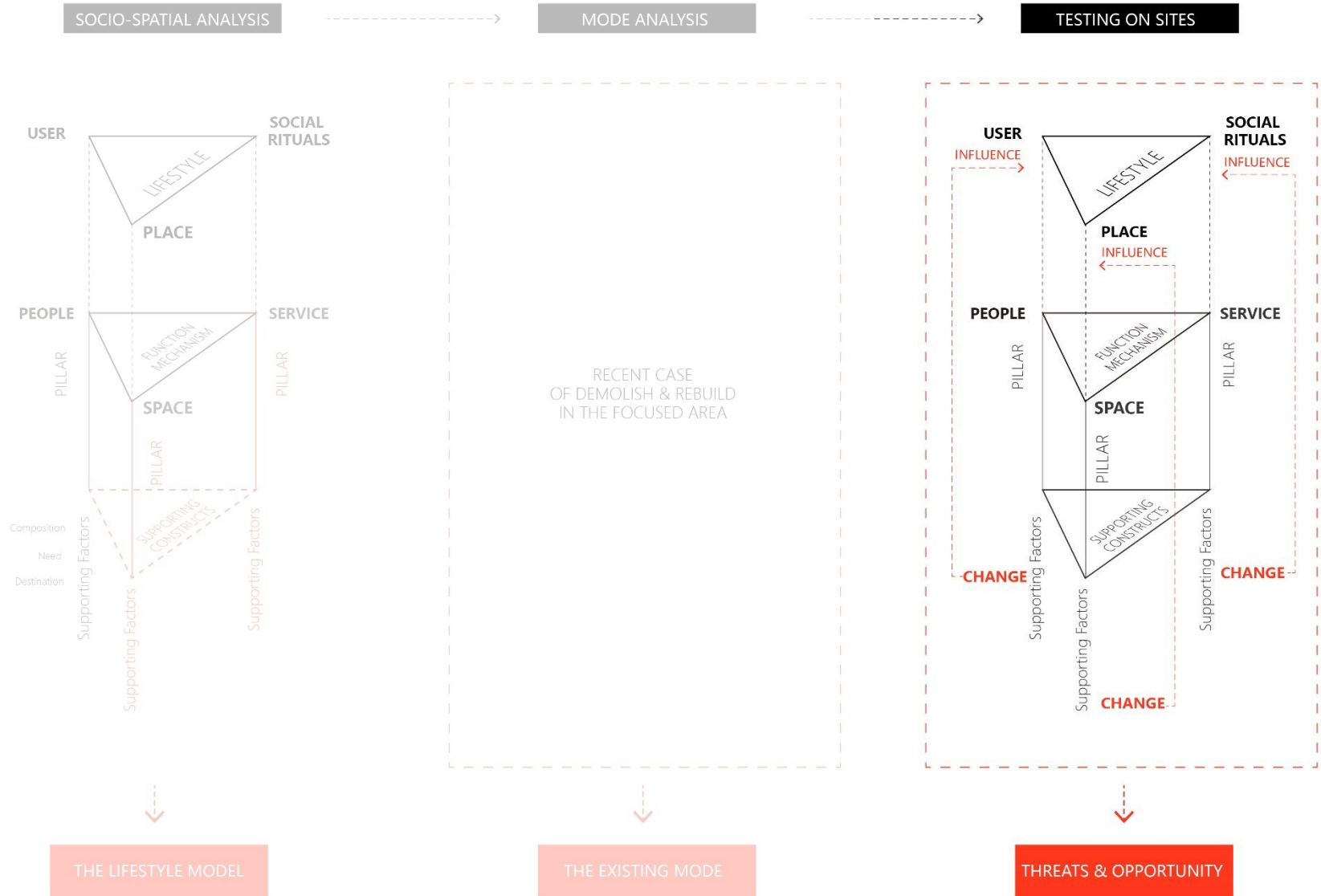


View 02



View 03

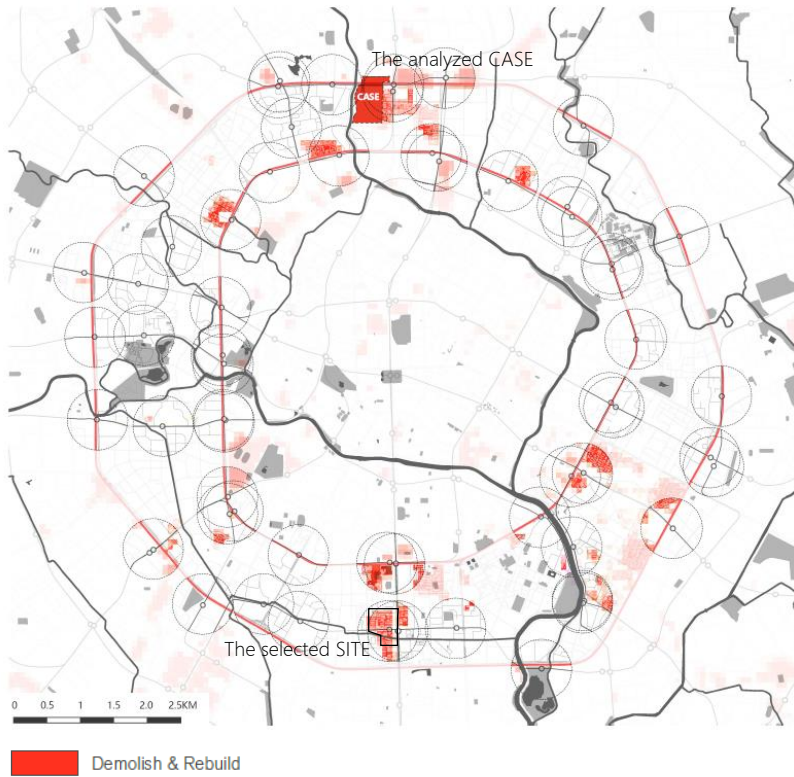
UNDERSTANDING - Process



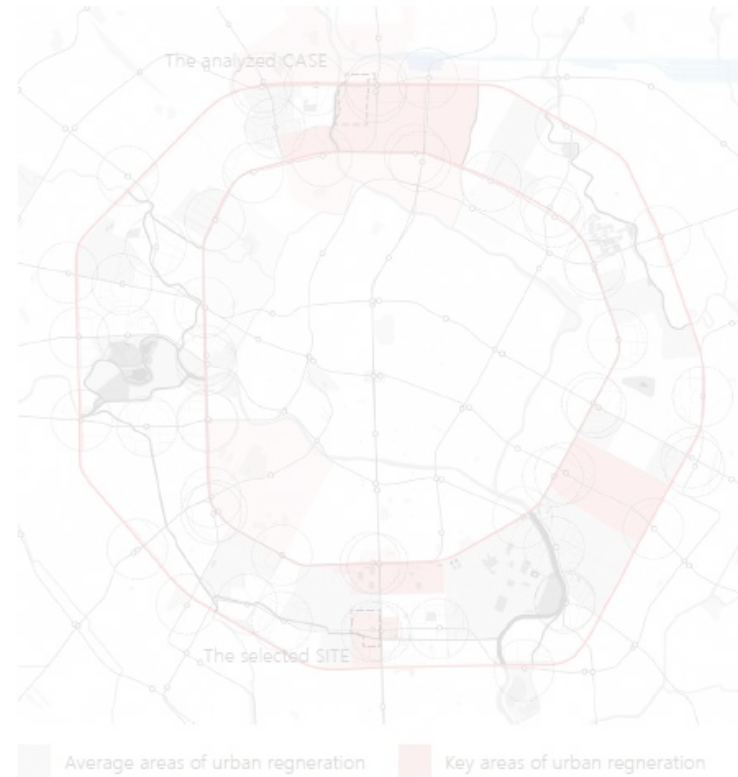
TESING ON SITE- Site Selection

- 3 reasons:

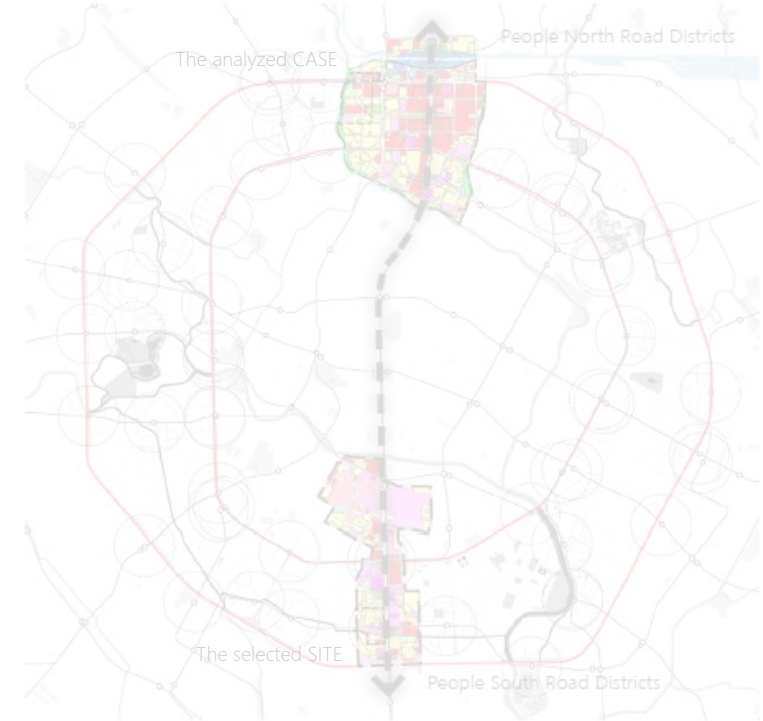
1. Both demolish & rebuild, with 2 stations in the focused area



2. Both in the key areas of urban regeneration



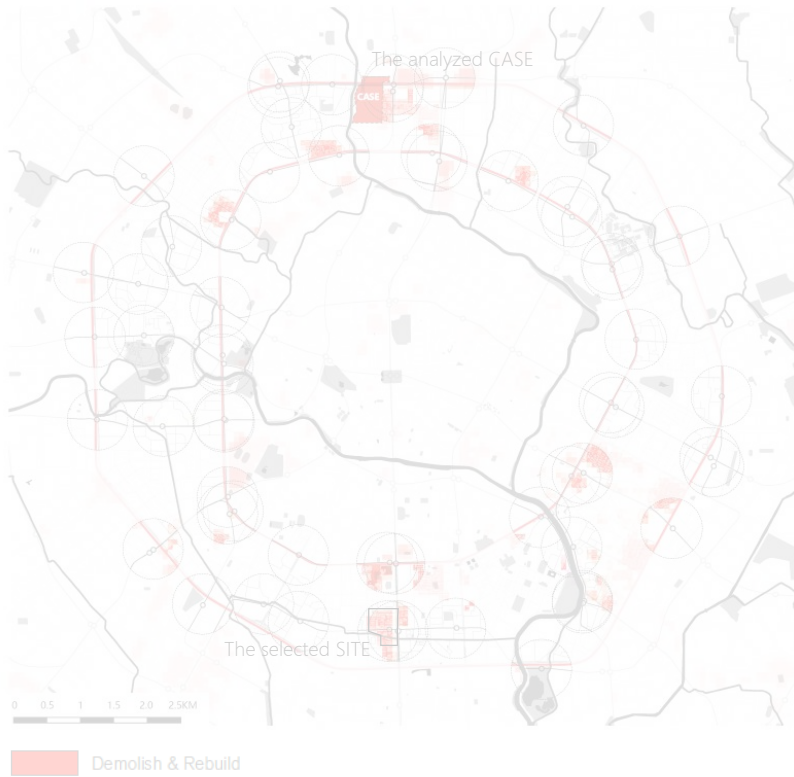
3. Both in the gateway districts and on the central axis



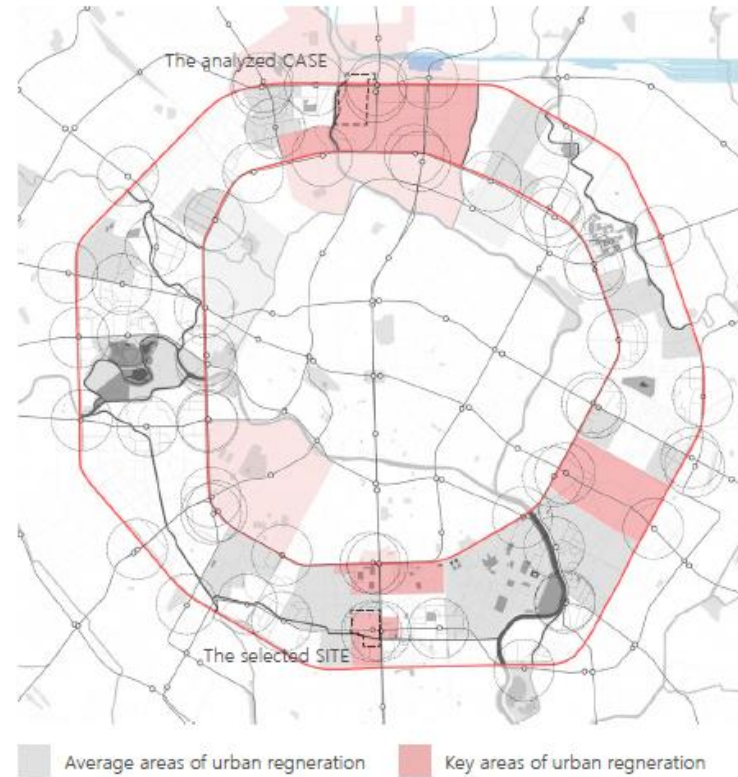
TESING ON SITE- Site Selection

- 3 reasons:

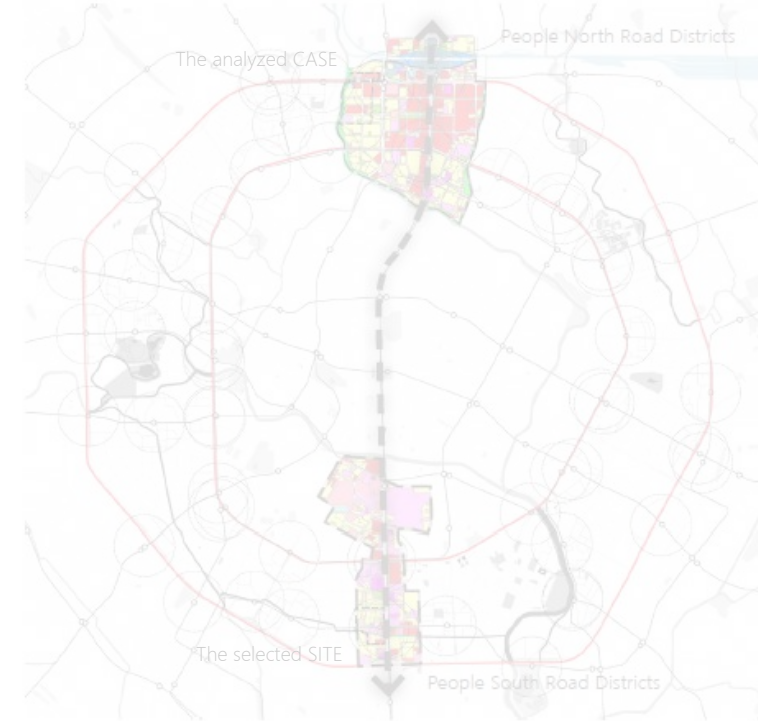
1. Both demolish & rebuild, with 2 stations in the focused area



2. Both in the key areas of urban regeneration



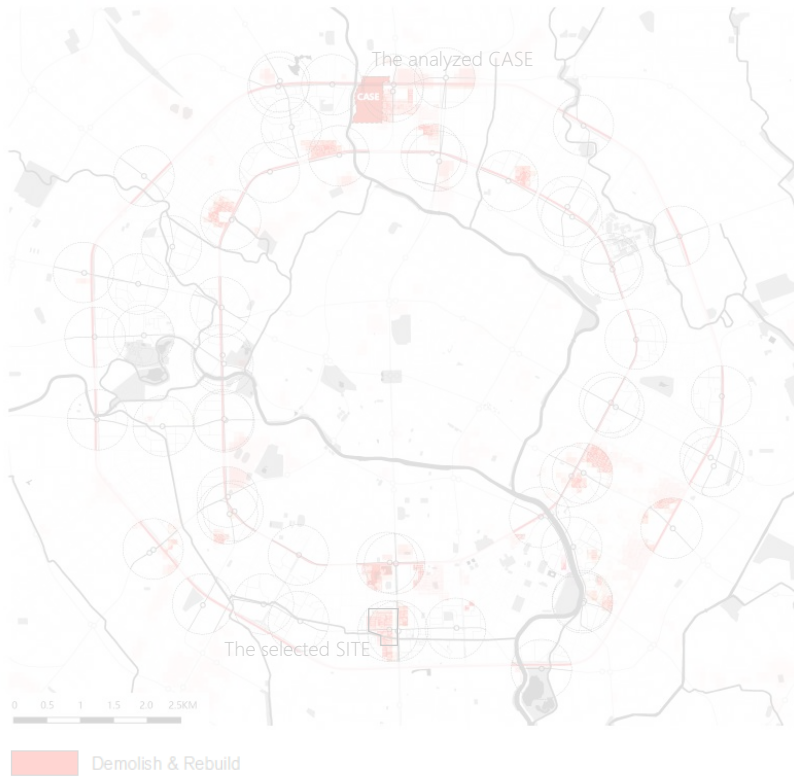
3. Both in the gateway districts and on the central axis



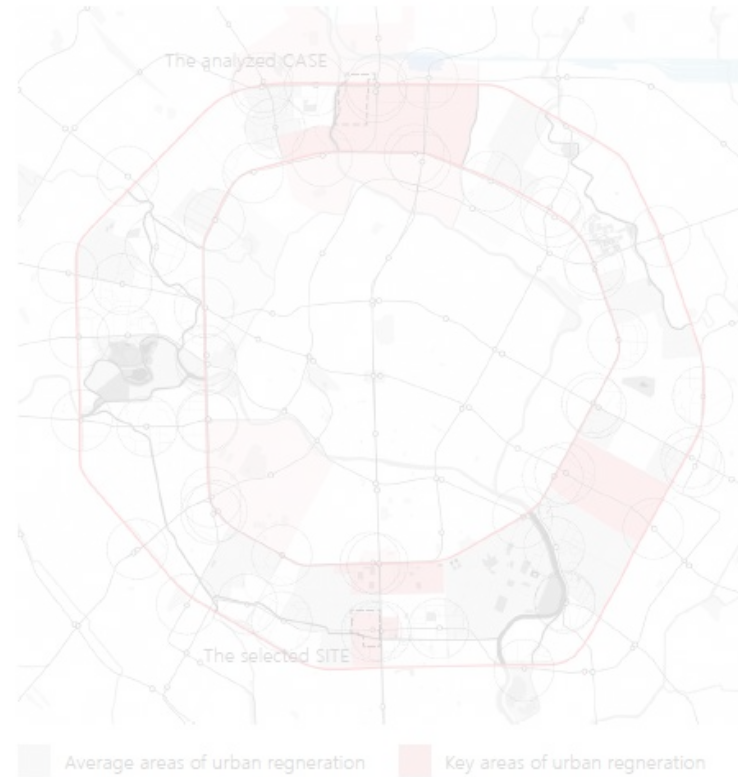
TESING ON SITE- Site Selection

- 3 reasons:
- similarities in development positioning and spatial increment.

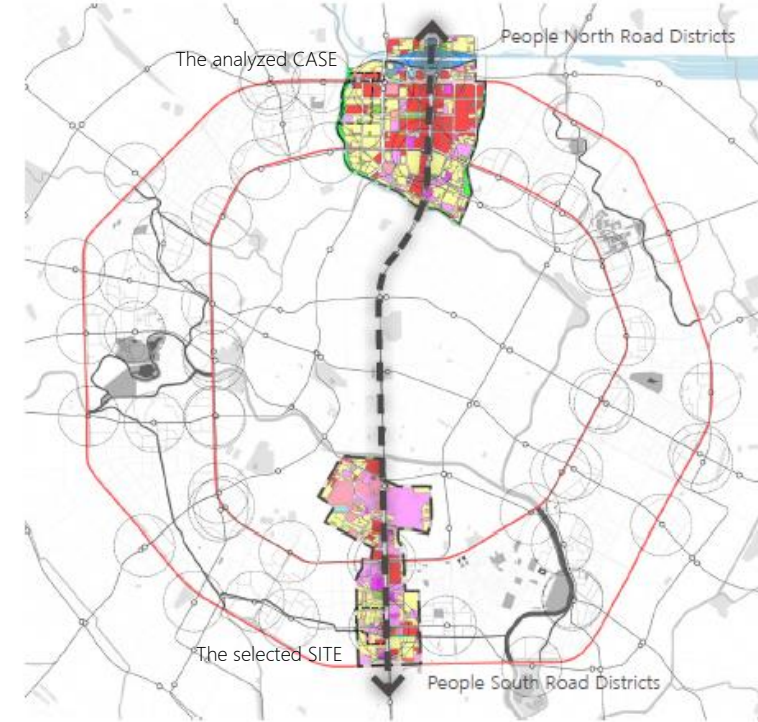
1. Both demolish & rebuild, with 2 stations in the focused area



2. Both in the key areas of urban regeneration

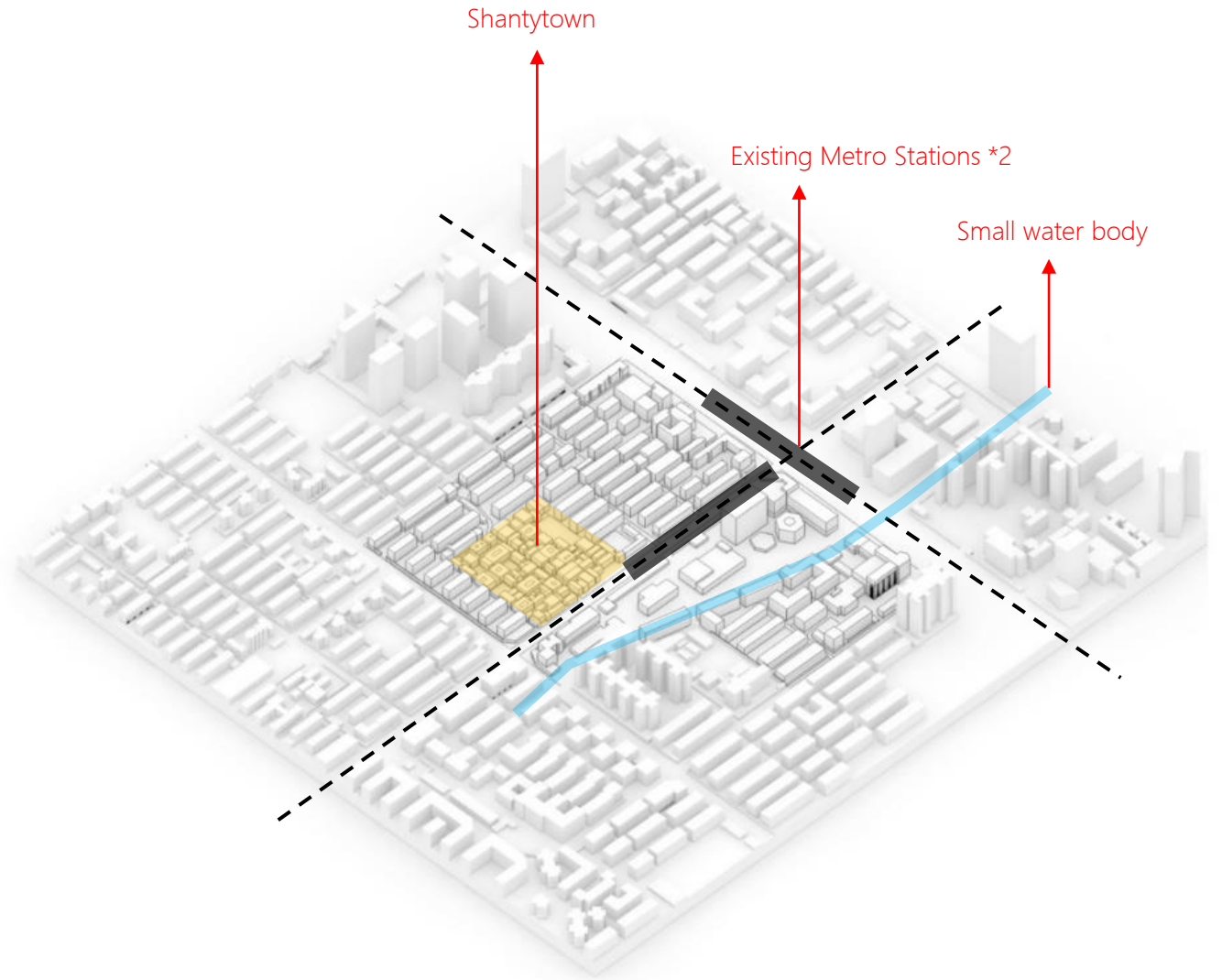
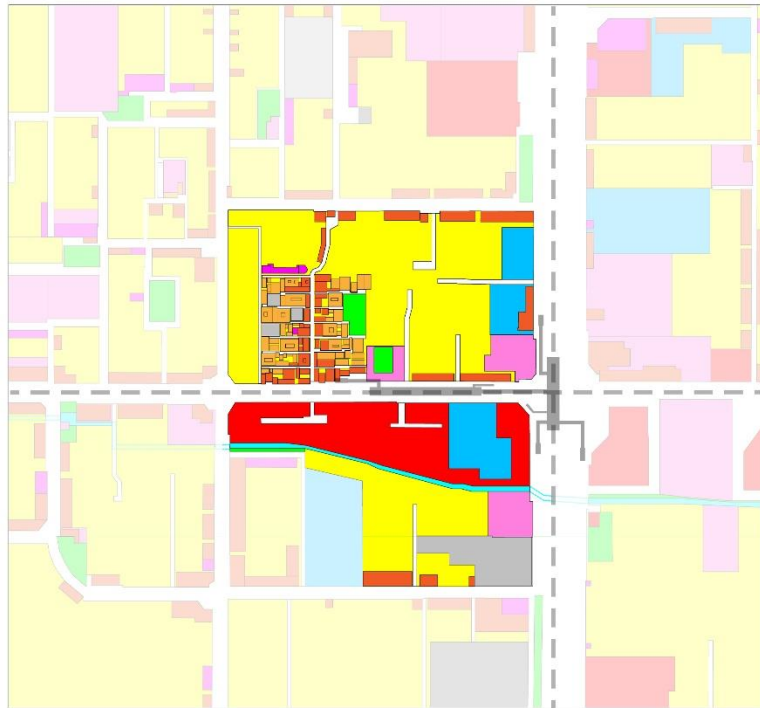


3. Both in the gateway districts and on the central axis



THE SELECTED SITE— Basic Info

- In YULIN district, a representative district for “the local public lifestyle”
- Built in 1980s
- Low intensity



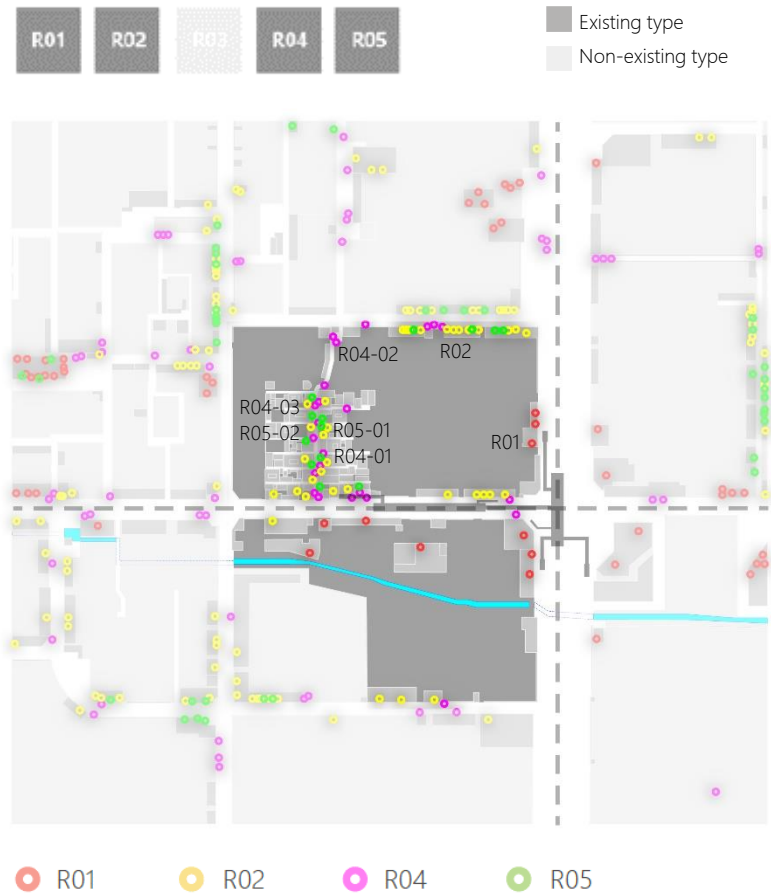
STATUS QUO - lifestyle scenes in the site

- **T** Life in the teahouses



STATUS QUO - lifestyle scenes in the site

- **R** Life in the restaurants



STATUS QUO - lifestyle scenes in the site

- **P** Life in the parks



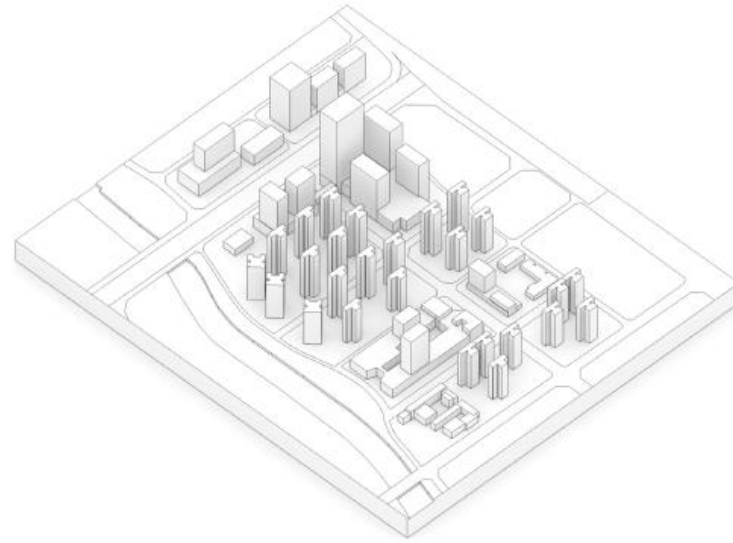
STATUS QUO - lifestyle scenes in the site

- **S** Life on the streets



TESTING

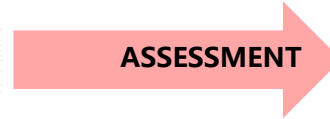
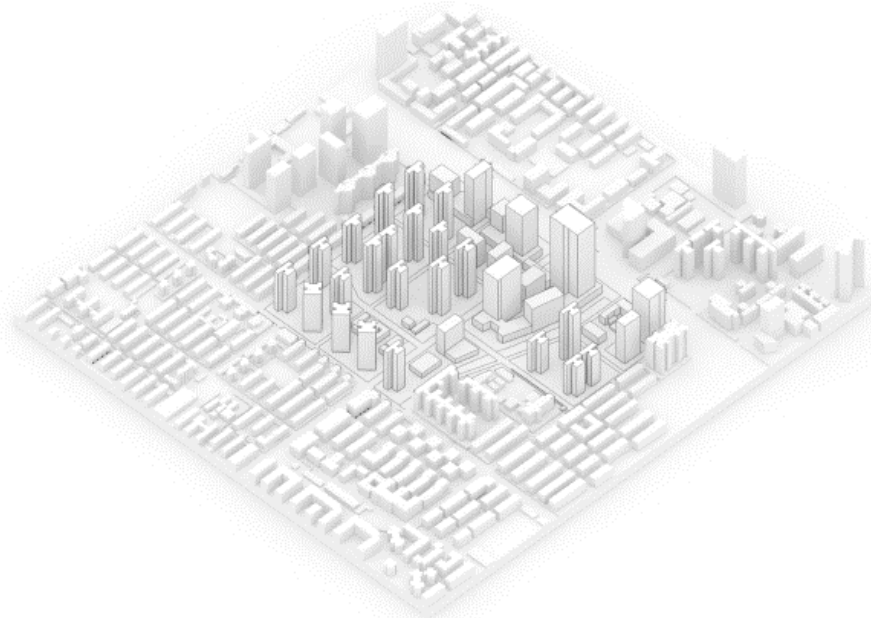
- Using the business as usual
- Land-use 2016 as reference



THE MODE OF THE BUSINESS AS USUAL



LAND-USE PLAN 2016 (CDIPD, 2016)



Status quo

Tested result

CHANGES & INFLUENCE - Life on the streets

CHANGES



Figure. 2.4.1. The change of space about scenes of life on the street

- INFLUENCE: S03 fading, S04 disappear, new S01

STATUS QUO



TESTED BY THE BUSINESS AS USUAL



- New type, appearing strong
- Extended type
- Non-existing type
- Weakened type



S01 S03 S04



Figure. 2.4.2. The influence on the scenes of life on the street

CHANGES & INFLUENCE - Life in the restaurants

CHANGES



Figure. 2.4.5. The change of space about scenes of life in the restaurants

- INFLUENCE: R01 strengthened, R02, R04, R05 fading

STATUS QUO



TESTED BY THE BUSINESS AS USUAL



- Strengthened type (Black box)
- Extended type (Dark grey box)
- Non-existing type (Light grey box)
- Weakened type (Dashed box)



Figure. 2.4.6. The influence on the scenes of life in the restaurants

CHANGES & INFLUENCE - Life in the teahouses

CHANGES

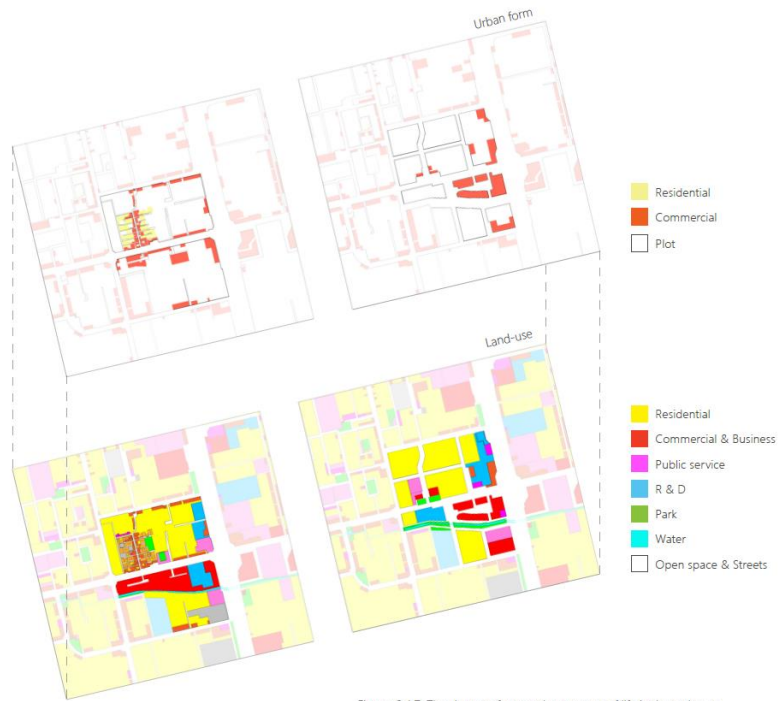


Figure. 2.4.7. The change of space about scenes of life in the teahouse

- INFLUENCE: T01 fading, T02 disappear

STATUS QUO



TESTED BY THE BUSINESS AS USUAL



Figure. 2.4.8. The influence on the scenes of life in the teahouse

CHANGES & INFLUENCE - Life in the parks

CHANGES



Figure. 2.4.3. The change of space about scenes of life in the parks

- INFLUENCE: P04 extended, new P03

STATUS QUO



TESTED BY THE BUSINESS AS USUAL



- New type
- Extended type
- Non-existing type

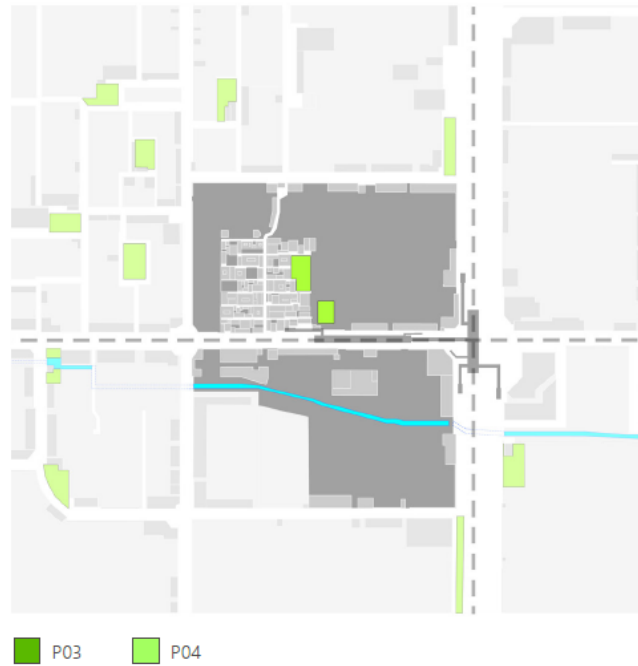
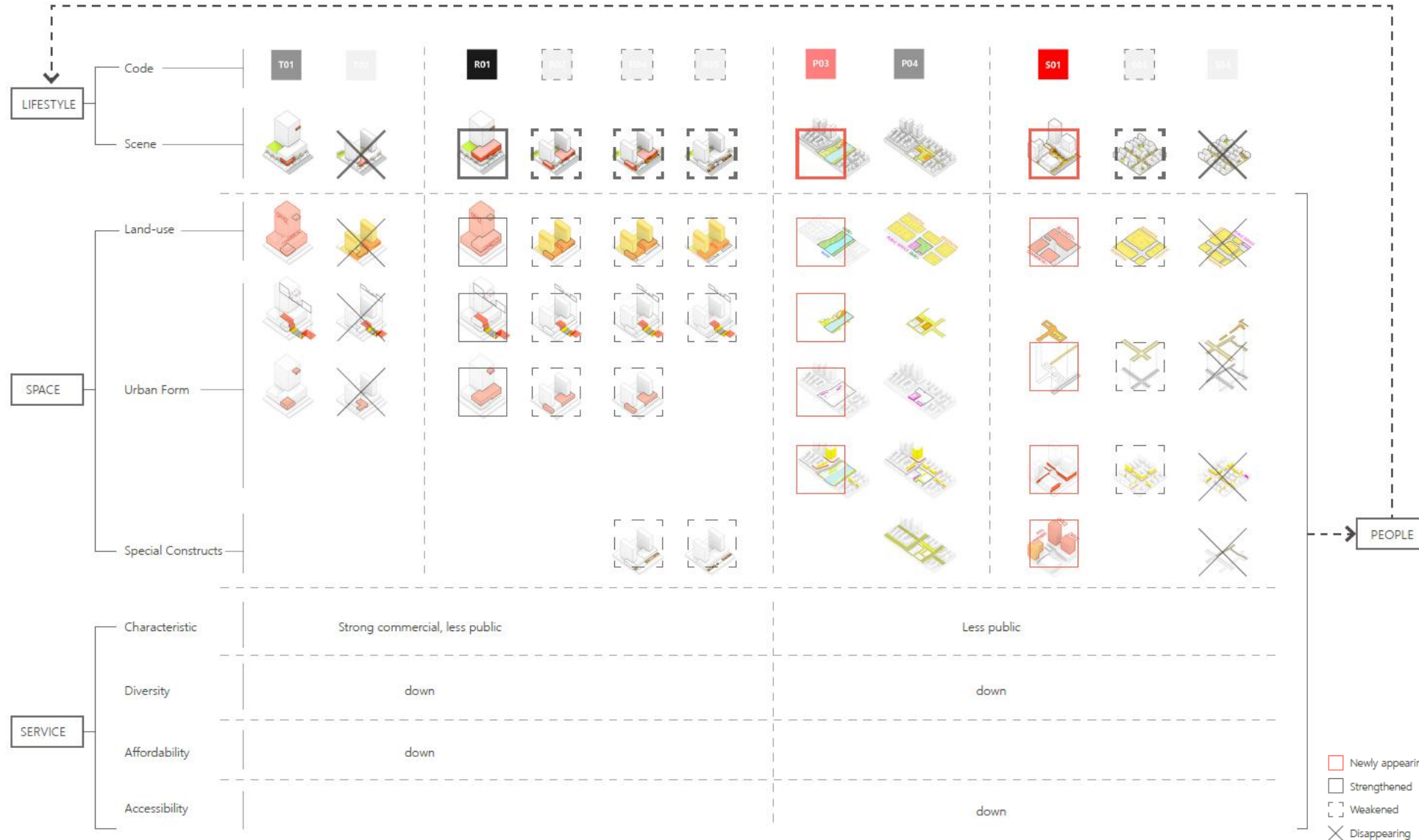


Figure. 2.4.4. The influence on the scenes of life in the parks

SUMMARY

- Changes of Space & Service



INFLUENCE



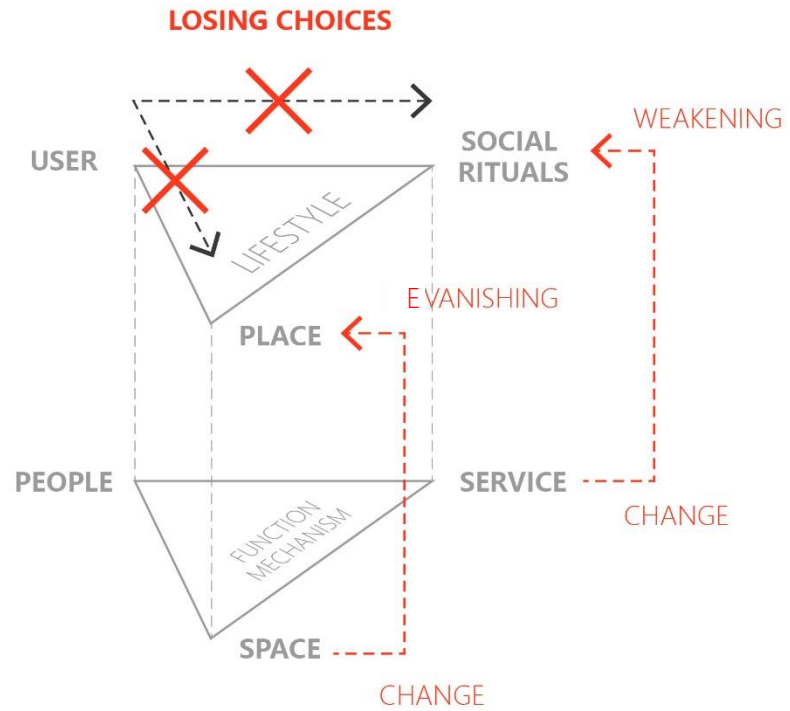
Figure. 2.5.2. The comparison of typology before and after testing

- New type, appearing strong
- New type
- Strengthened type
- Extended type
- Non-existing type
- Weakened type

Figure. 2.5.1. The summary of the changes and influence

PEOPLE & USERS

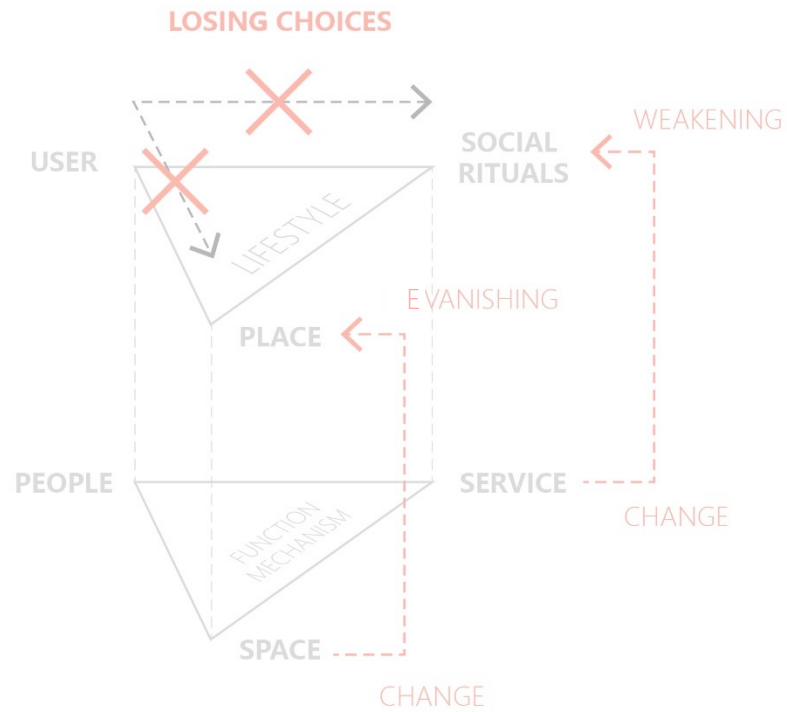
- Essentially influence on lifestyle itself, not only scenes



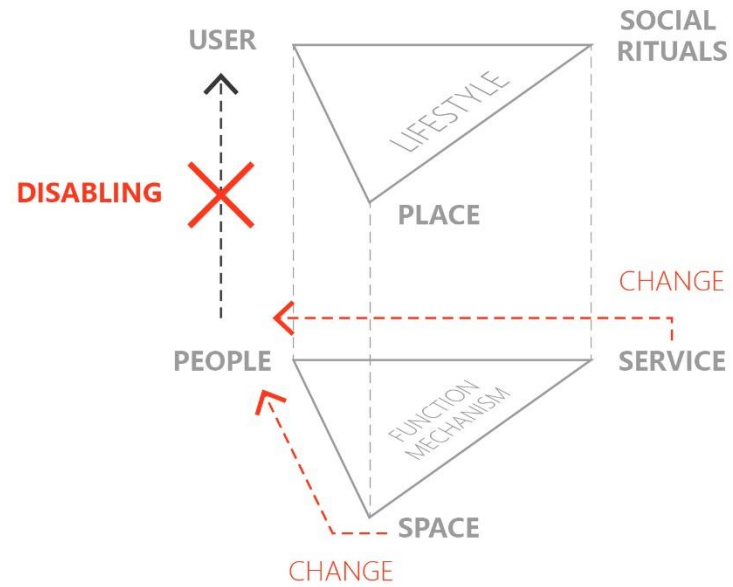
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PEOPLE & USERS

- Essentially influence on lifestyle itself, not only scenes



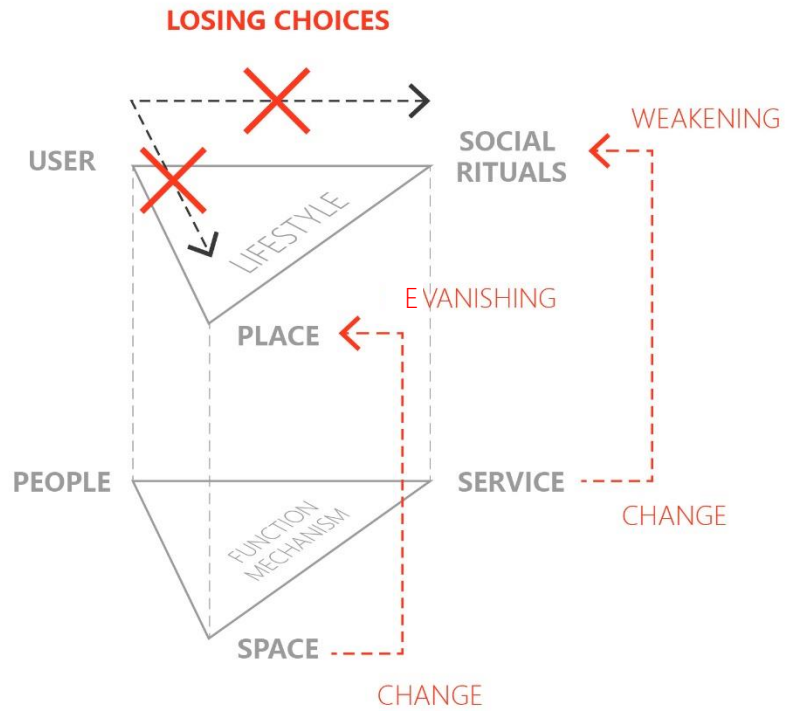
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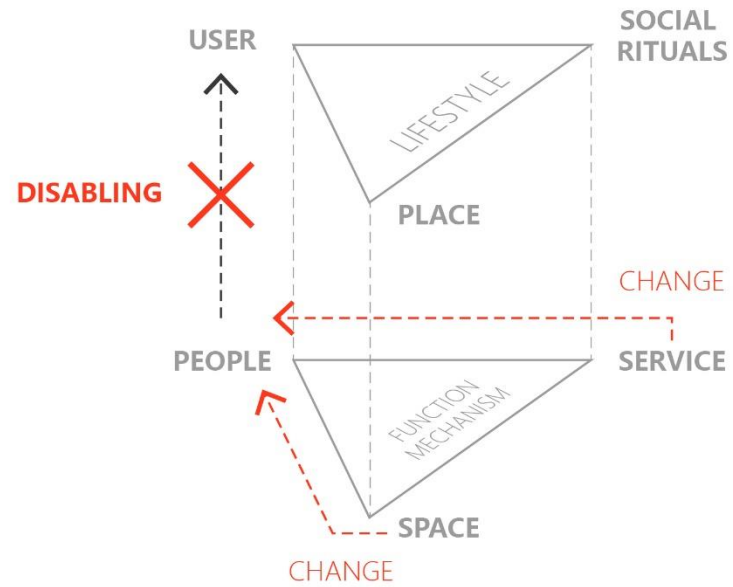
2

PEOPLE & USERS

- Essentially influence on lifestyle itself, not only scenes



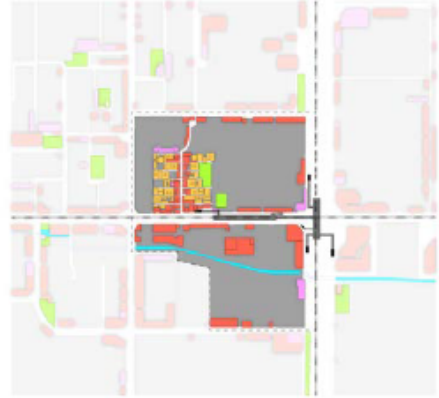
1



2



THREATS & OPPORTUNITIES



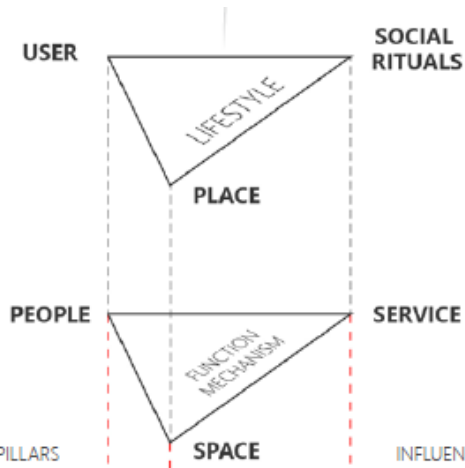
STATUS QUO

TESTING

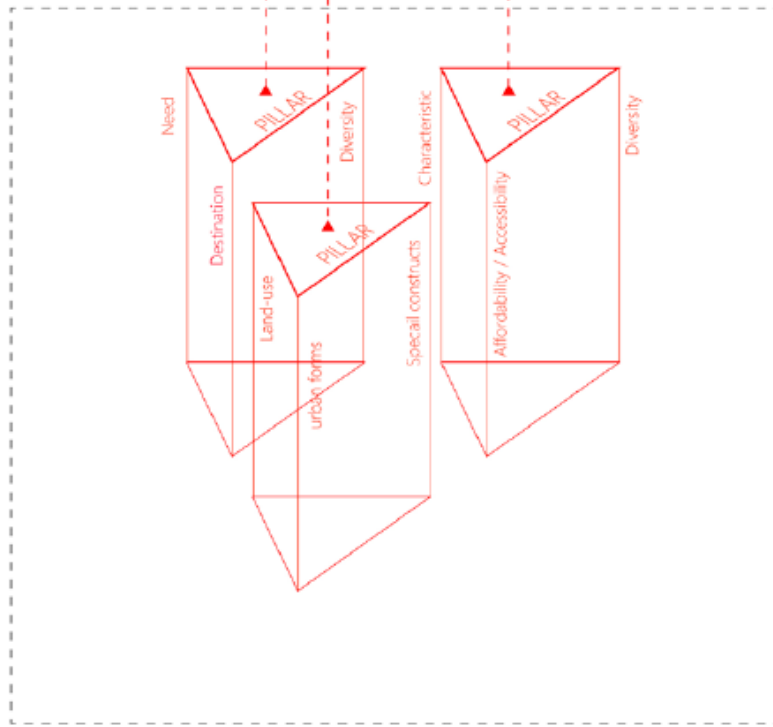
CHANGES ON PILLARS



BUSINESS AS USUAL



INFLUENCE ASSESSMENT



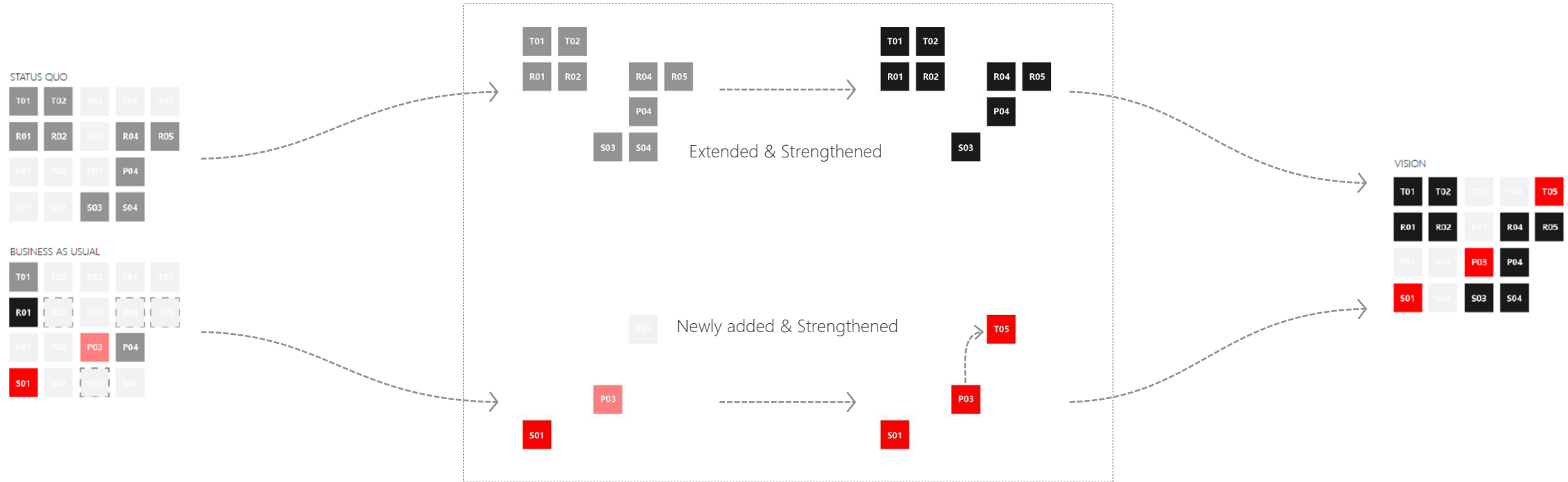
THREATS

OPPORTUNITIES

01 **WHAT** IS THE TOPIC ABOUT — 02 **WHAT** IS THE PROBLEM — 03 **UNDERSTAND** THE PROBLEM — 04 **EXPLORE** THE SOLUTION — 05 **REFLECTION**

VISION

- **Extending** - The threats can be avoided.
- **Flourishing** - The opportunities can be fully used



- New type, appearing strong
- New type
- Strengthened type
- Extended type
- Non-existing type
- Weakened type

VISION

- Extending & Flourishing.

STATUS QUO

T01	T02	T03	T04	T05
R01	R02	R03	R04	R05
P01	P02	P03	P04	
S01	S02	S03	S04	

BUSINESS AS USUAL

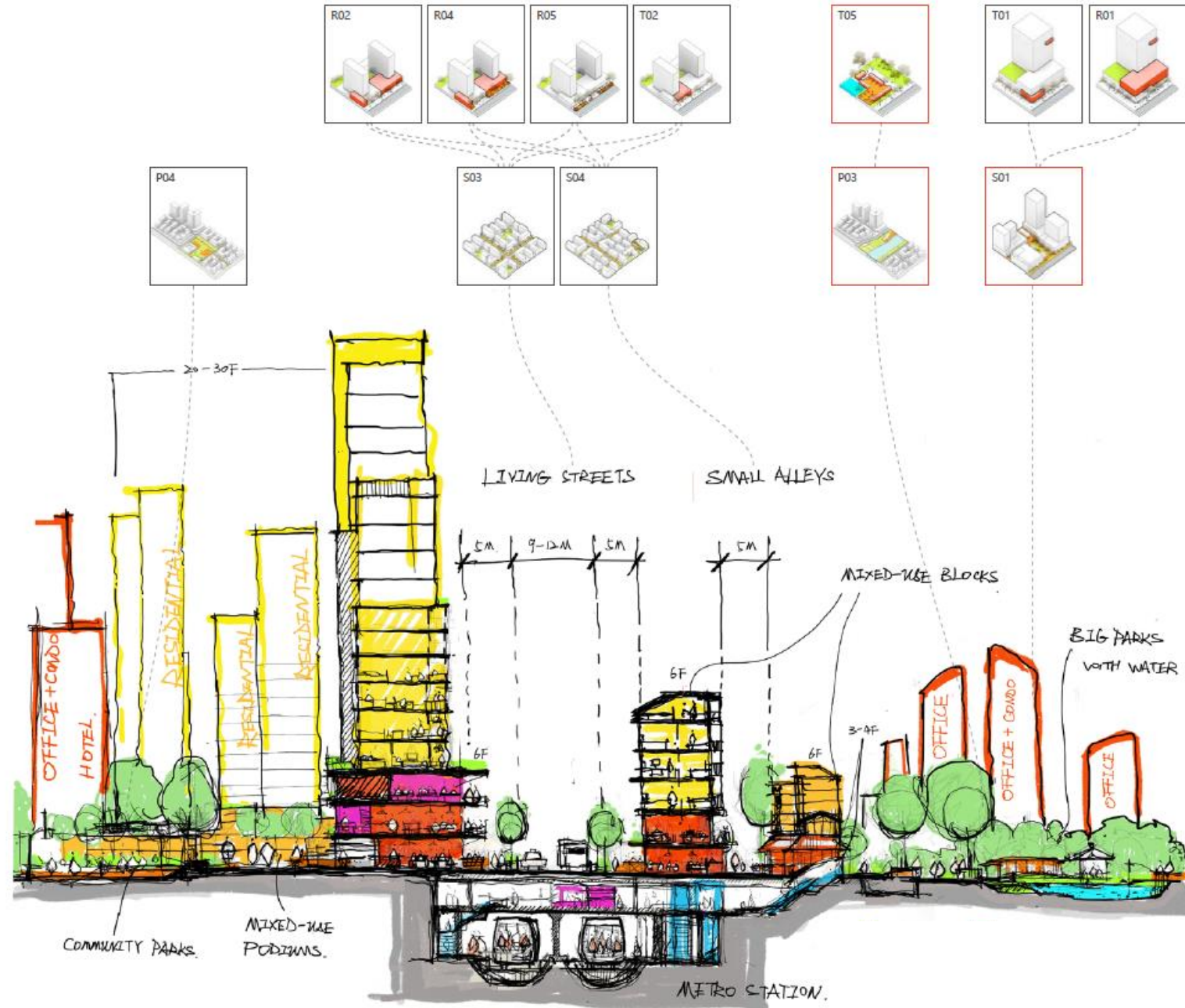
T01	T02	T03	T04	T05
R01	R02	R03	R04	R05
P01	P02	P03	P04	
S01	S02	S03	S04	

VISION

T01	T02	T03	T04	T05
R01	R02	R03	R04	R05
P01	P02	P03	P04	
S01	S02	S03	S04	

- New type, appearing strong
- New type
- Strengthened type
- Extended type
- Non-existing type
- Weakened type

- Public Service & Community Service
- Commercial & Retail & Business
- Residential
- Water
- Green Space
- The extended and strengthened type
- The newly appearing and flourishing type



STRATEGY DEVELOPMENT

VISON -----> PRINCIPLE -----> DEVELOPMENT ON SITE -----> STRATEGY

T01	T02	T03	T04	T05
R01	R02	R03	R04	R05
P01	P02	P03	P04	
S01	S02	S03	S04	

- New type, appearing strong
- New type
- Strengthened type
- Extended type
- Non-existing type
- Weakened type

EXTENDING

FLOURISHING

SPACE

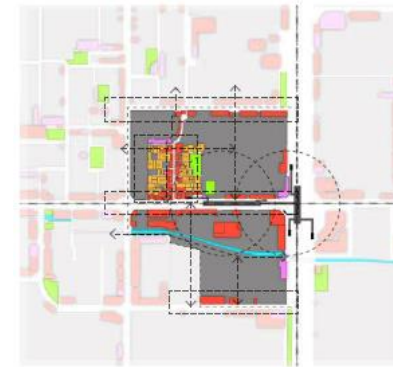
SERVICE

PEOPLE

LAND-USE
URBAN FORM
SPECIAL CONSTRUCTS

ACCESSIBILITY
AFFORDABILITY
DIVERSITY
PUBLIC CHARACTERISTIC

NEED
DESITINATION
DIVERSITY

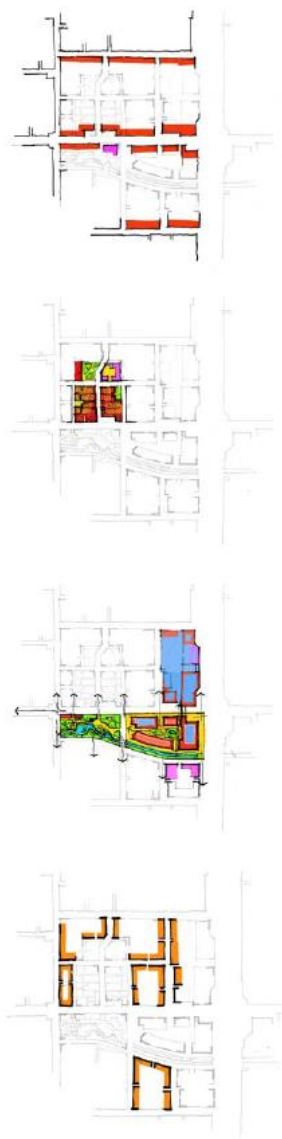


01

02

03

04



STRATEG 01

- Extend the structural streets with mixed-use and functional street walls on the borders.

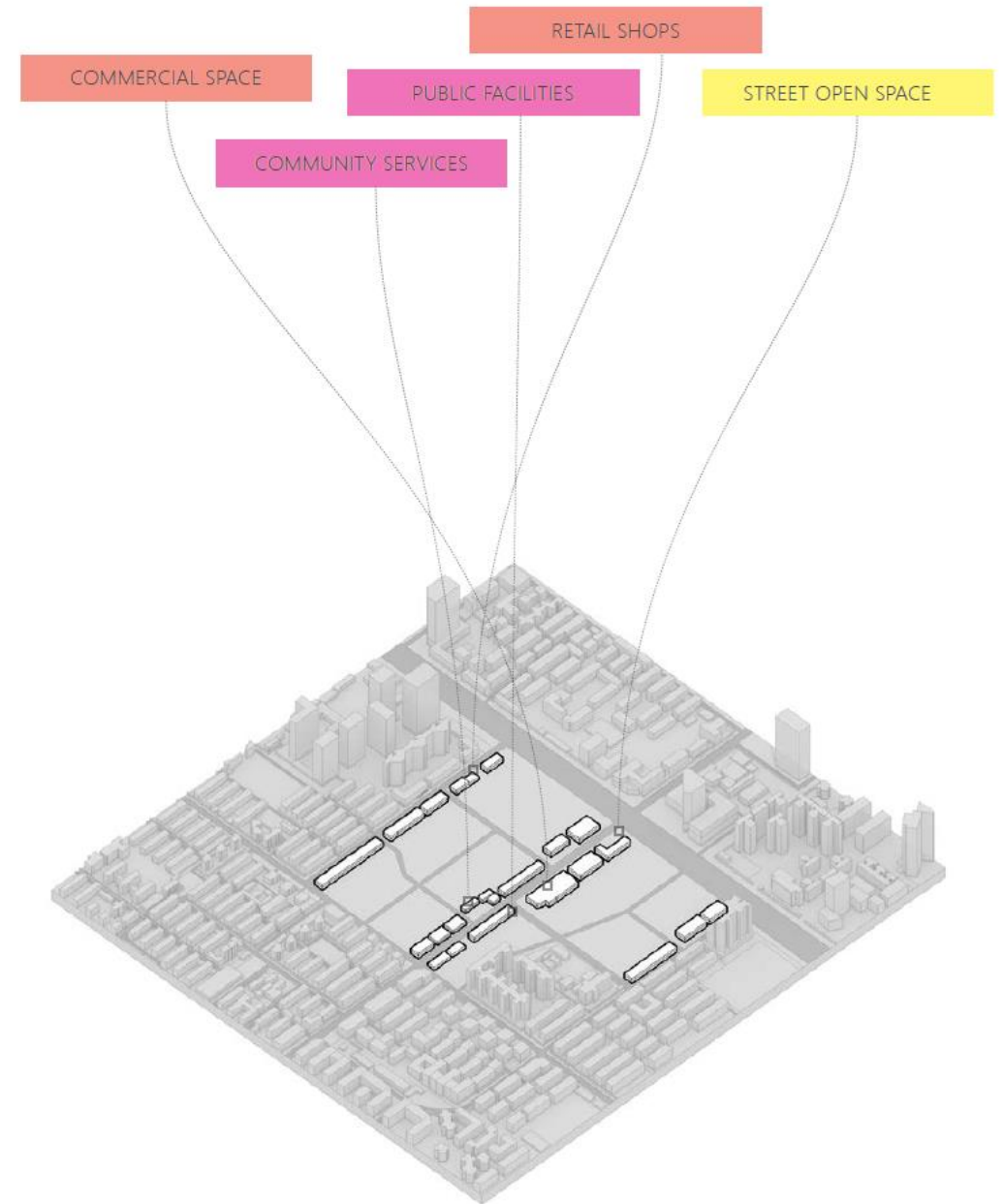
Public service Mixed use based on Residential
Commercial & Business



STATUS QUO



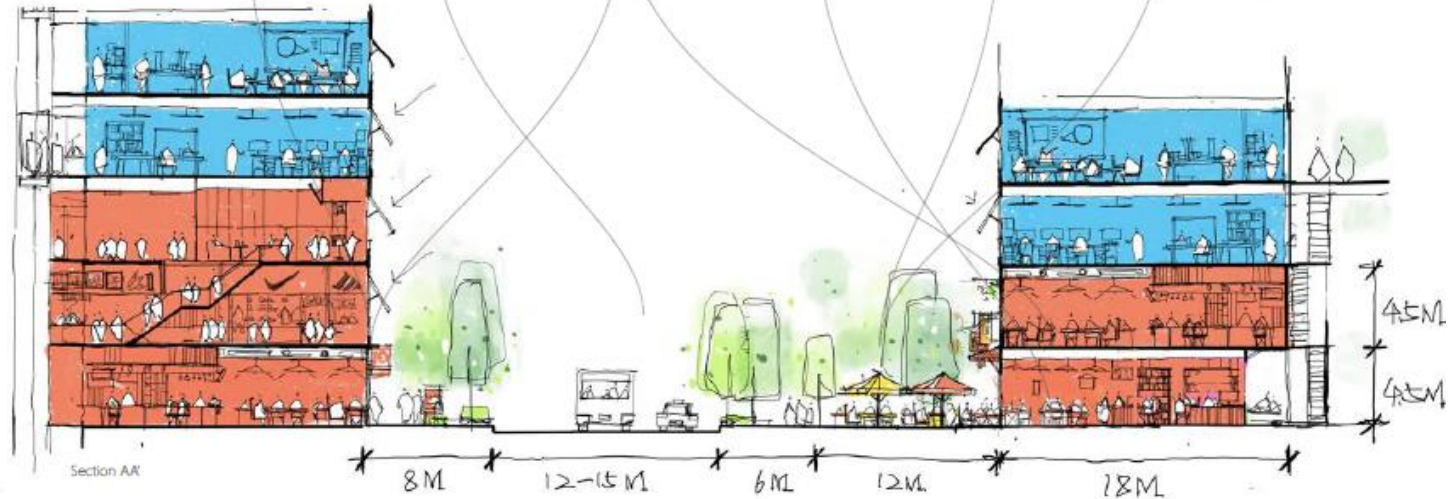
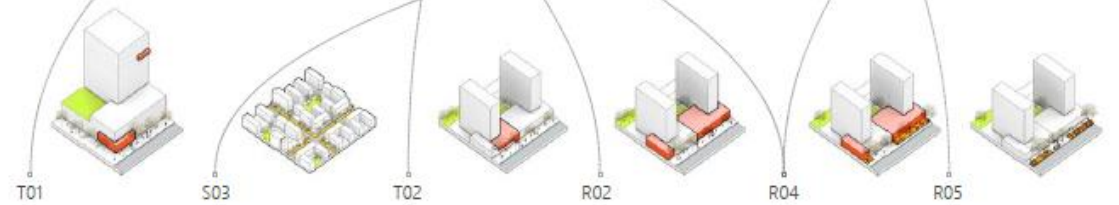
IDEAL MODE



STRATEGY 01



- Residential
- Community Service
- R & D Studio
- Commercial



STRATEGY 01

BEFORE



AFTER

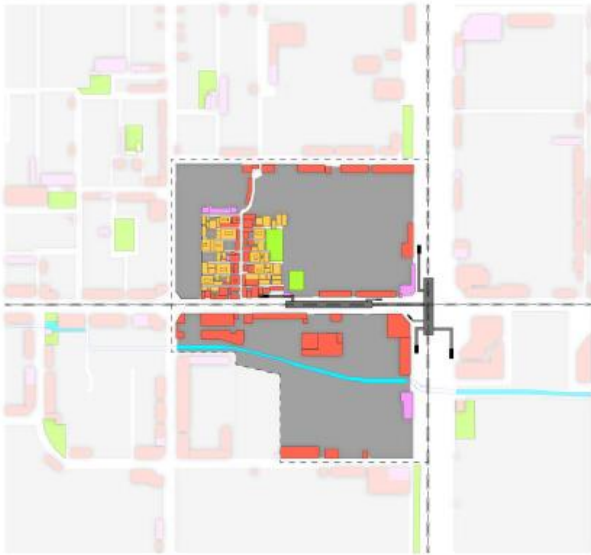


Figure. 1.2.5. The street view with the local public life scenes established by strategy 01

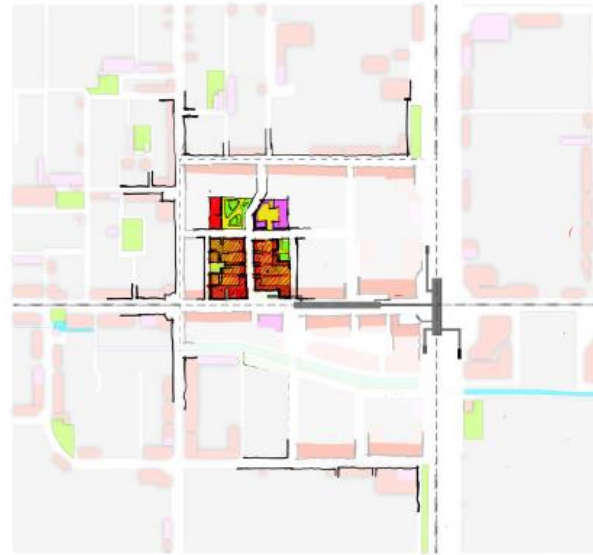
STRATEGY 02

- Using the original way of organizing space and service, to rebuild the cluster holding diverse scenes.

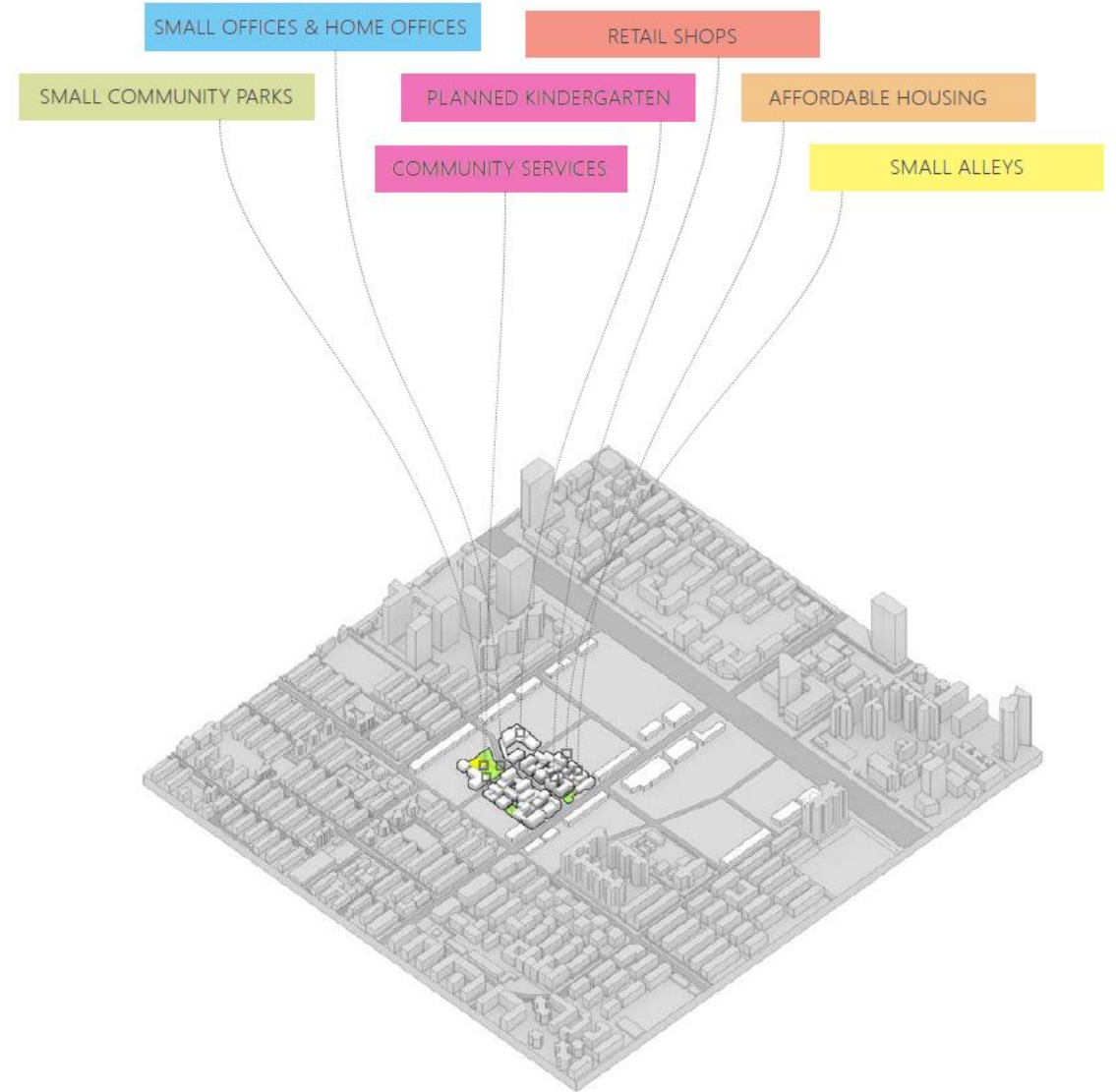
■ Open Space ■ Public service ■ Mixed use based on Residential
■ Commercial & Business



STATUS QUO



IDEAL MODE



STRATEGY 02



- Residential
- Community Service
- R & D Studio
- Commercial



STRATEGY 02

BEFORE



AFTER



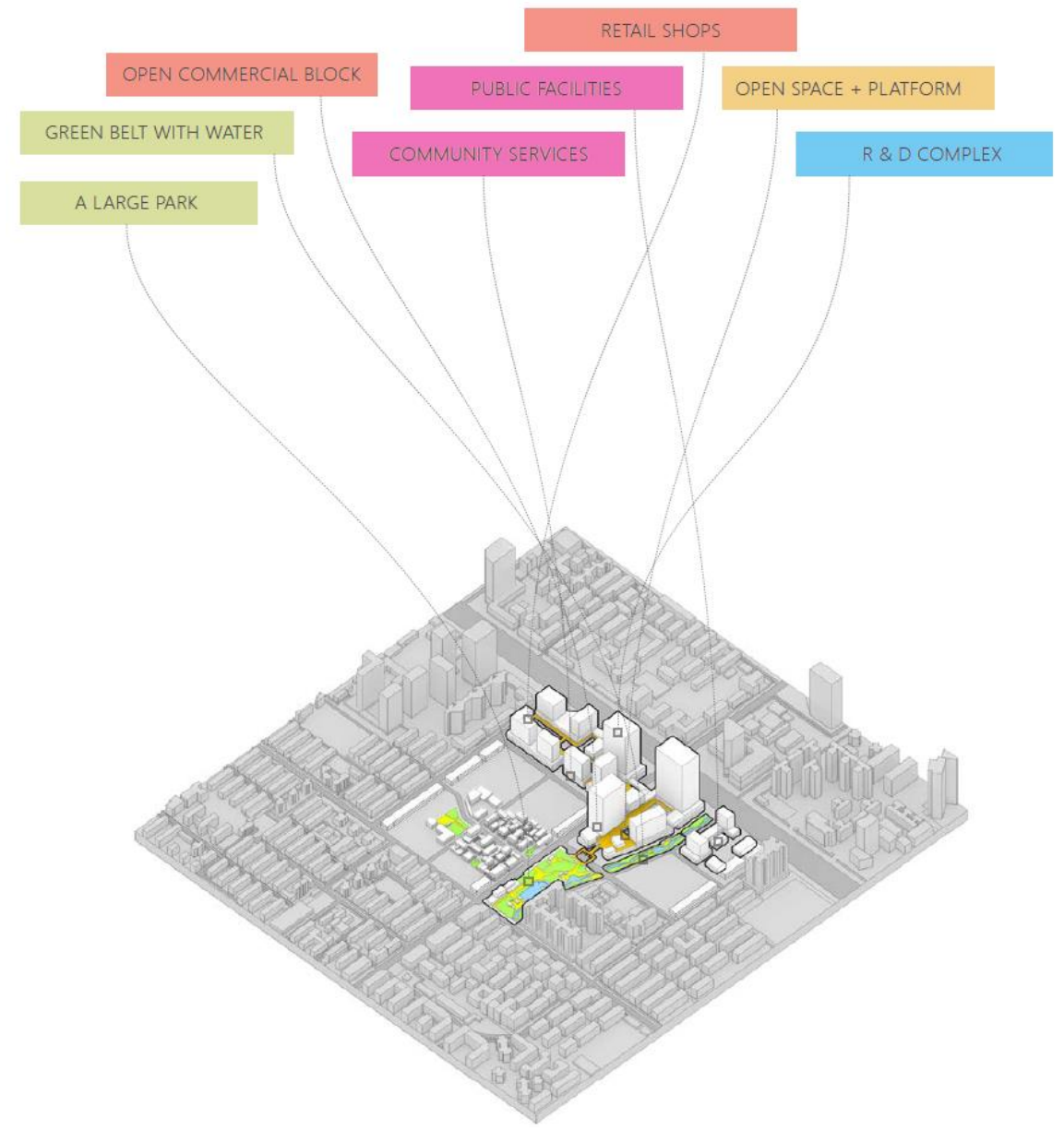
Figure. 1.2.9. The street view with the local public life scenes established by strategy 02



STRATEGY 03

- A TOD + POD (park oriented development) service cluster.

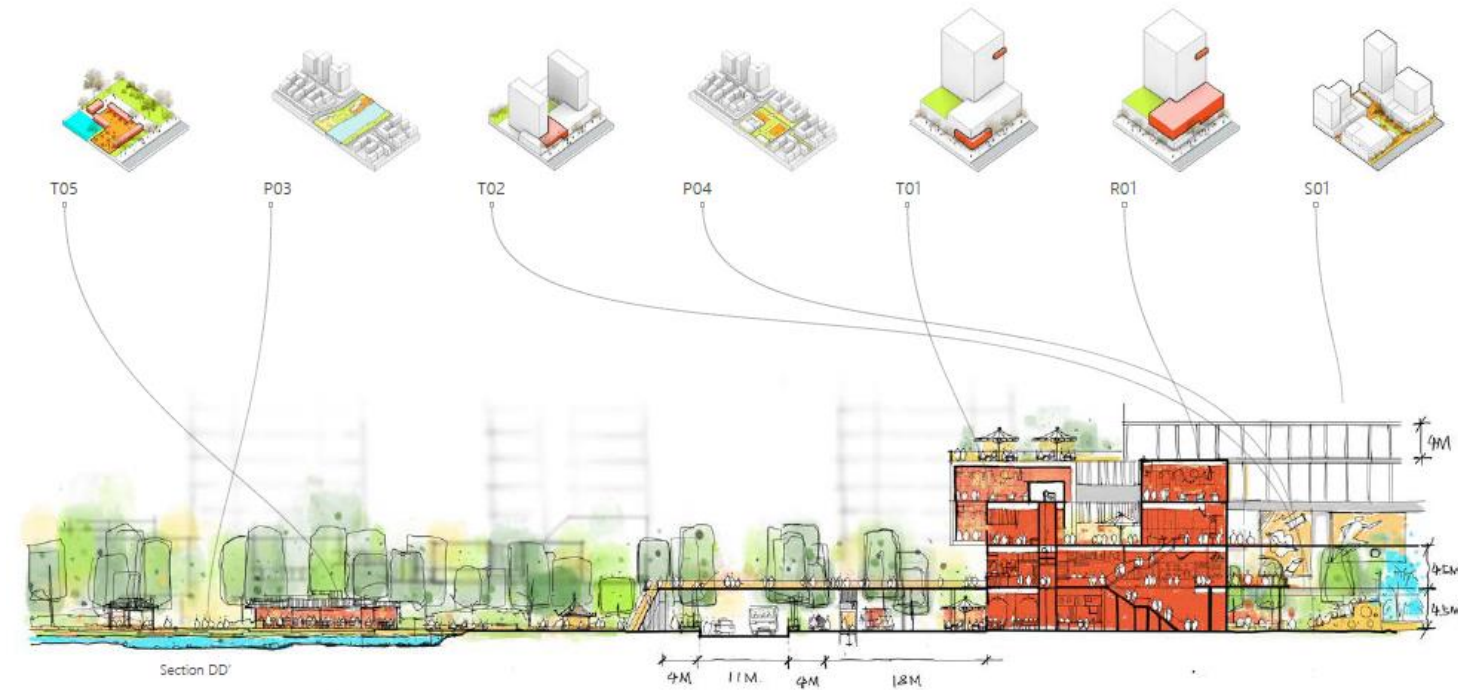
■ Open Space ■ Public service ■ Mixed use based on Residential
■ Commercial & Business ■ R & D



STRATEGY 03



- Facility & Public Space
- Green Space
- Water
- Commercial



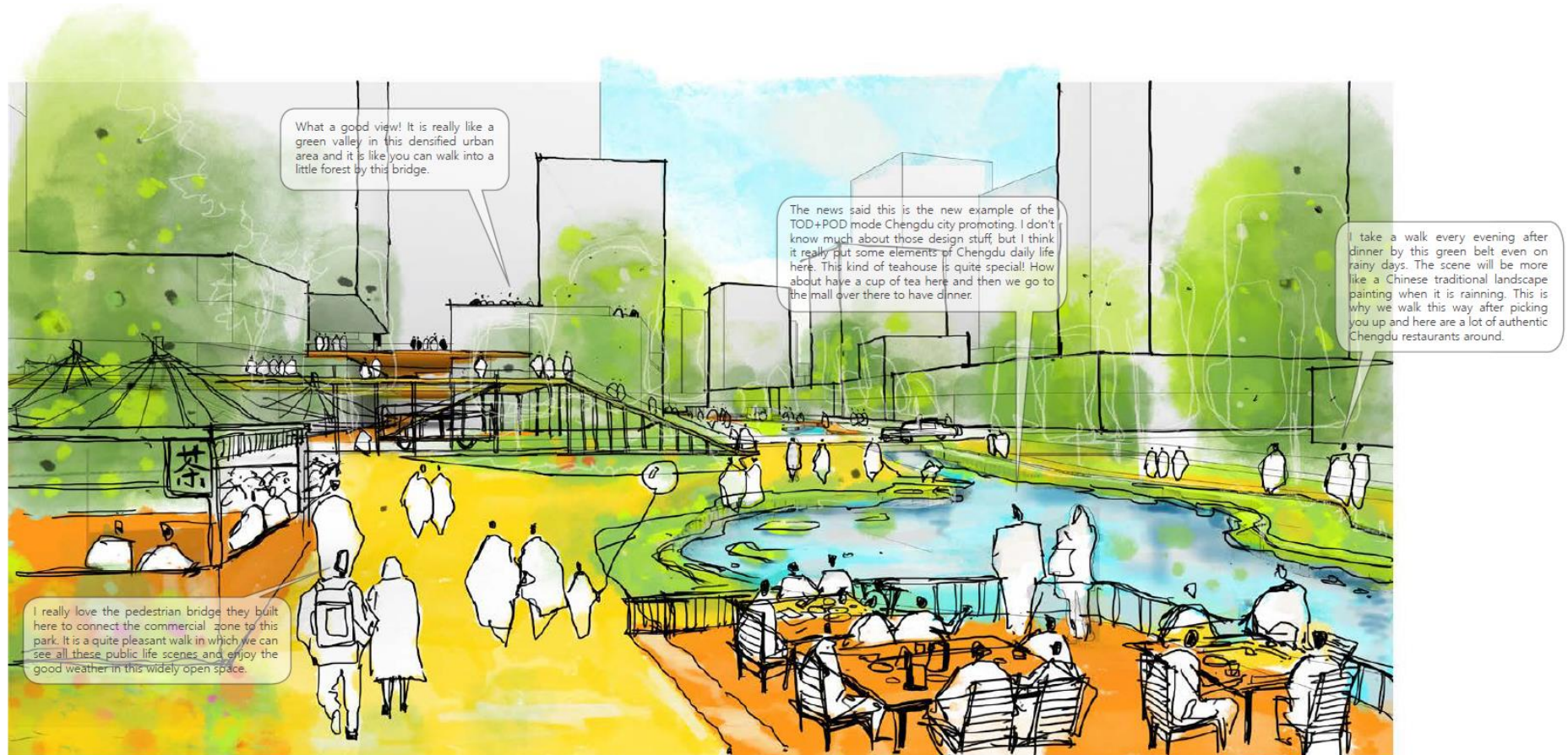
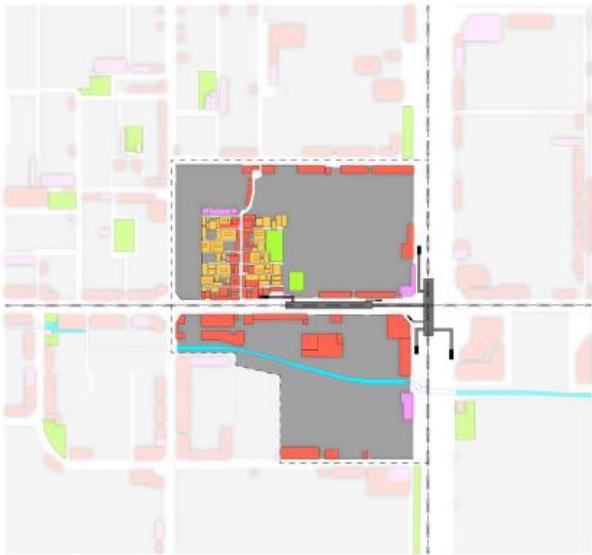


Figure 1.2.13. The street view with the local public life scenes established by strategy 03

STRATEGY 04

- Open, flexible street walls along the living streets

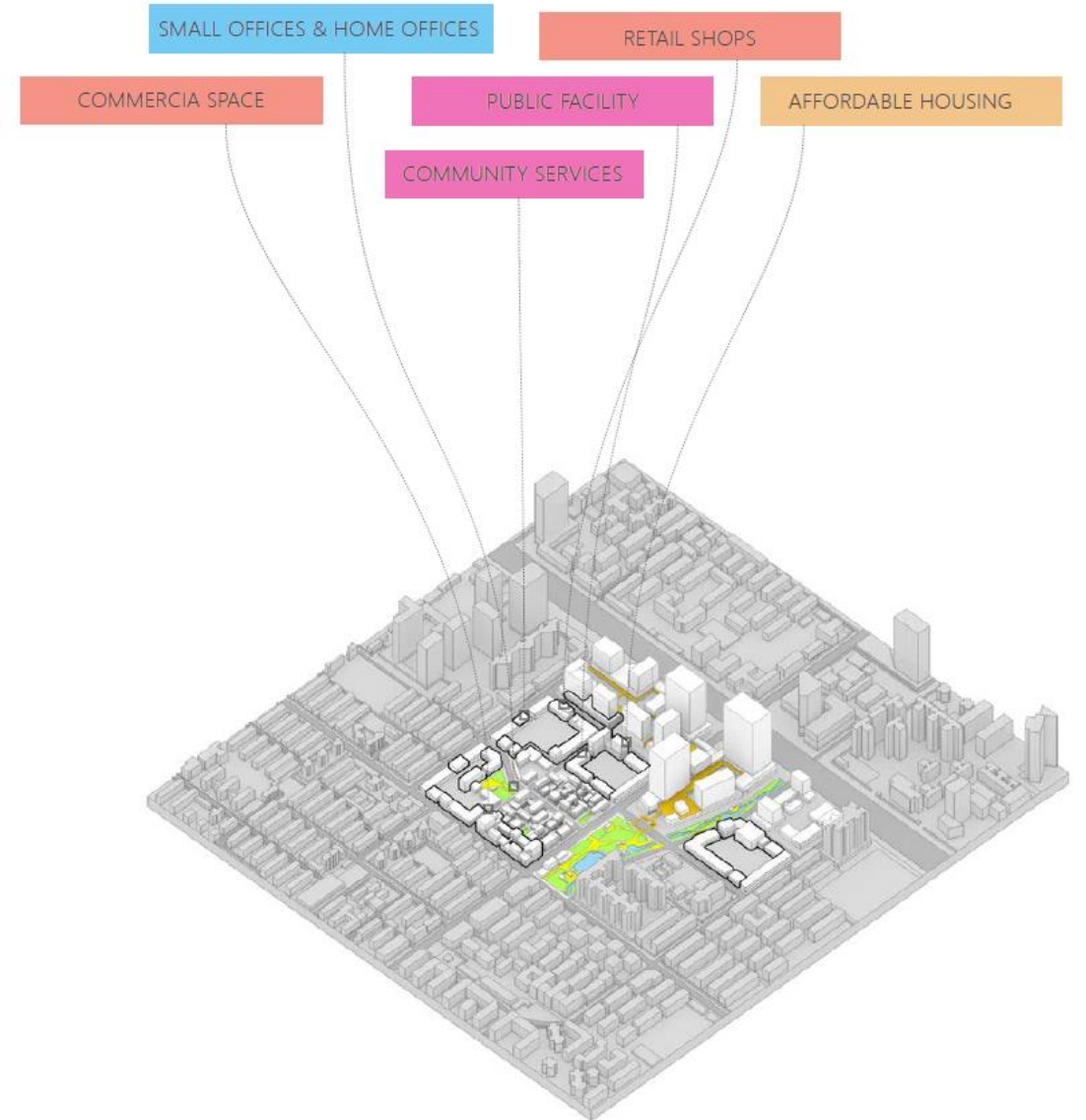
Commercial & Business
Public service
Mixed use based on Residential



STATUS QUO



IDEAL MODE



STRATEGY 04



- Residential
- Community Service
- R & D Studio
- Commercial

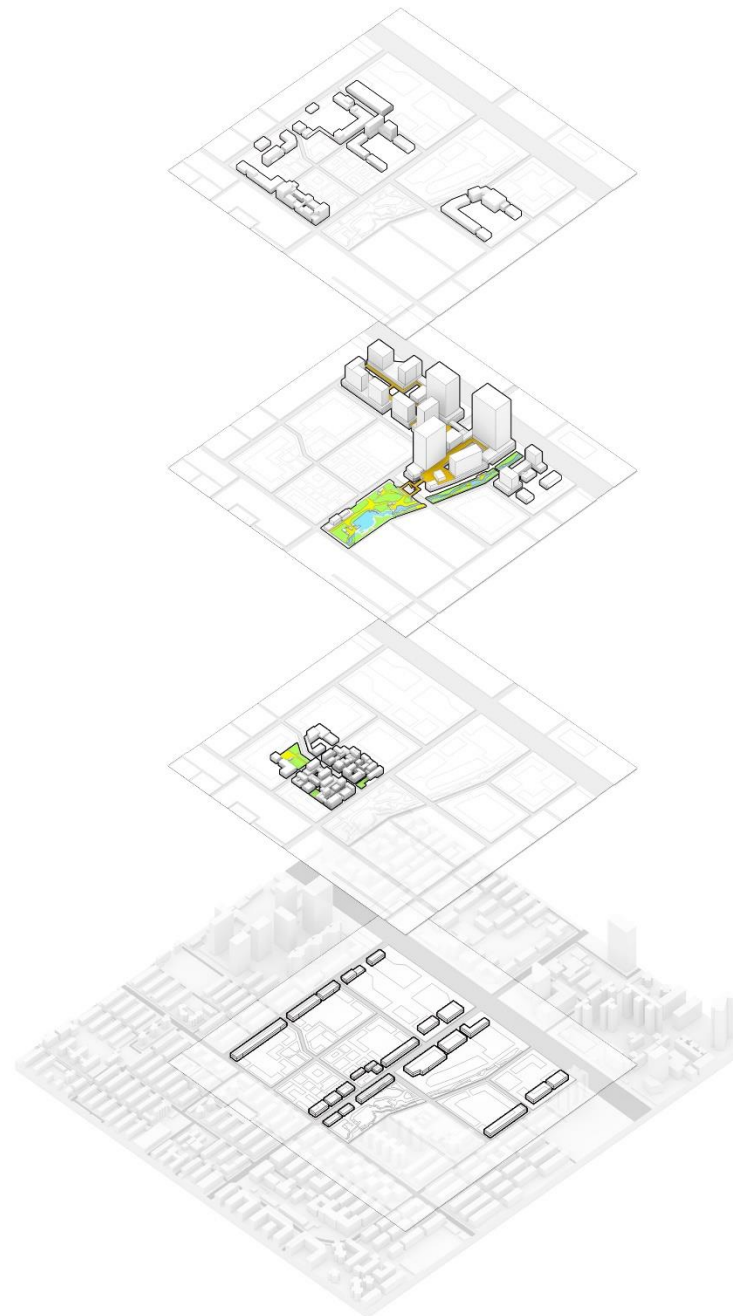
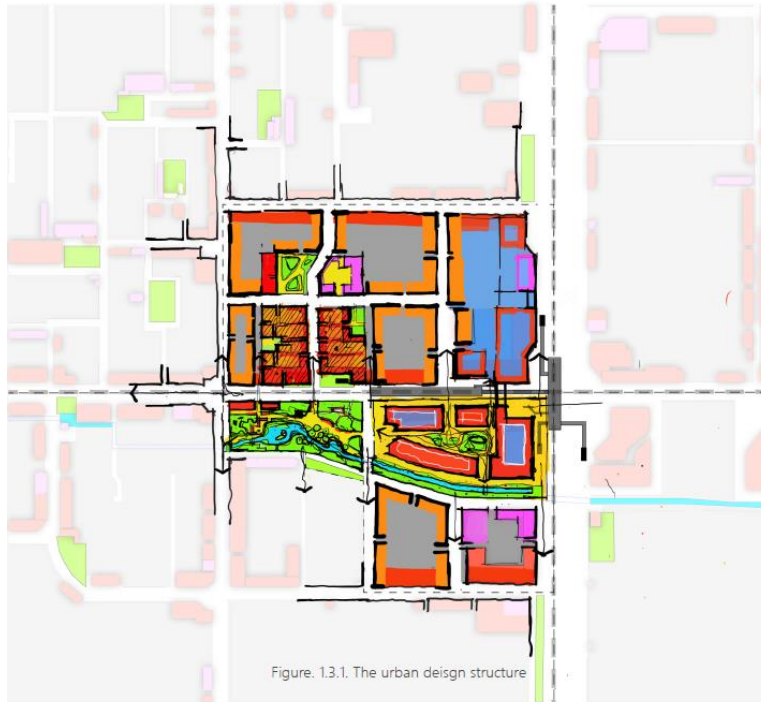




Figure 1.2.17. The street view with the local public life scenes established by strategy 04

DESIGN TESTING

DESIGN STRUCTURE

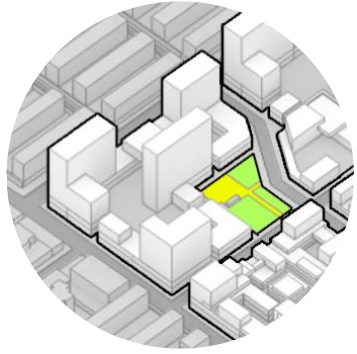


ONE POSSIBILITY OF DESIGN

- Open Space
- Platform Connection
- Buildings
- Metro
- Green Space
- Water



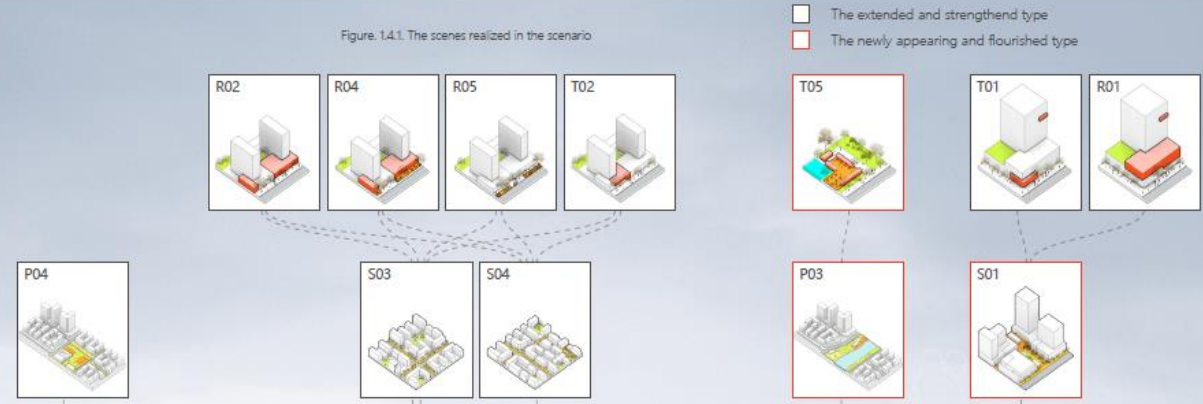
SCENARIO 01 – FSI 3.6



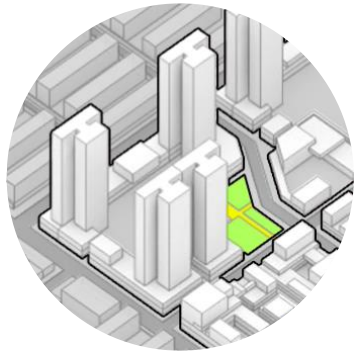
- Low-rise Buildings
- High-rise Buildings



Figure 1.4.1. The scenes realized in the scenario



SCENARIO 02 – FSI 4.5

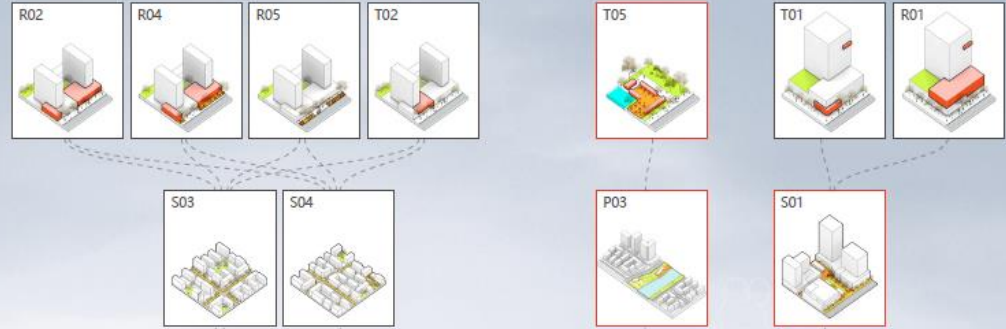


- Low-rise Buildings
- High-rise Buildings



Figure 1.4.2. The scenes realized in the scenario

- The extended and strengthened type
- The newly appearing and flourished type



ASSESSMENT

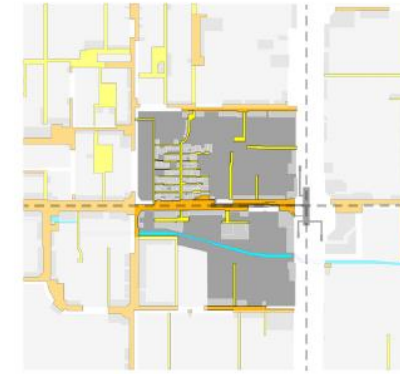
SCENE 01 - Life in the teahouses

SCENE 02 - Life in the restaurants

SCENE 03 - Life in the parks

SCENE 04 - Life on the streets

STATUS QUO



BUSINESS AS USUAL



- New type, appearing strong
- New type
- Strengthened type
- Extended type
- Non-existing type
- Weakened type

ASSESSMENT

SCENE 01 - Life in the teahouses

SCENE 02 - Life in the restaurants

SCENE 03 - Life in the parks

SCENE 04 - Life on the streets

STATUS QUO



BUSINESS AS USUAL



IDEAL MODE



Figure. 1.5.1. The assessment result comparison

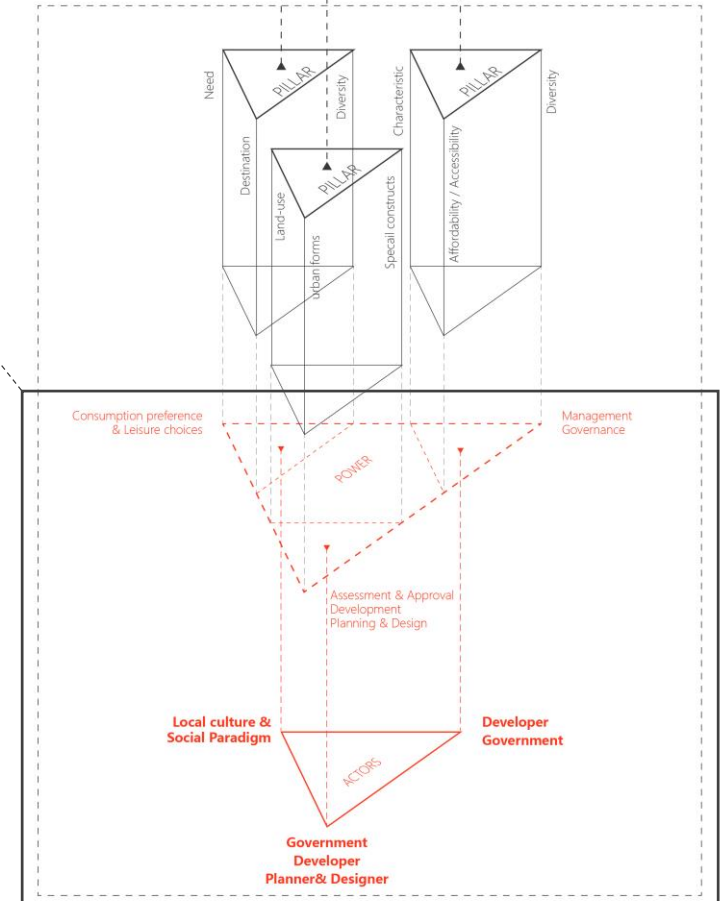
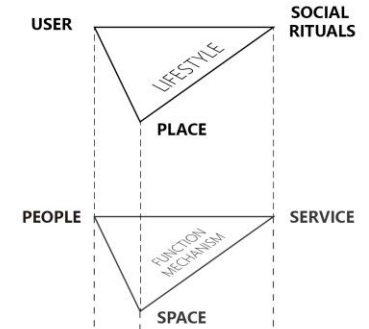
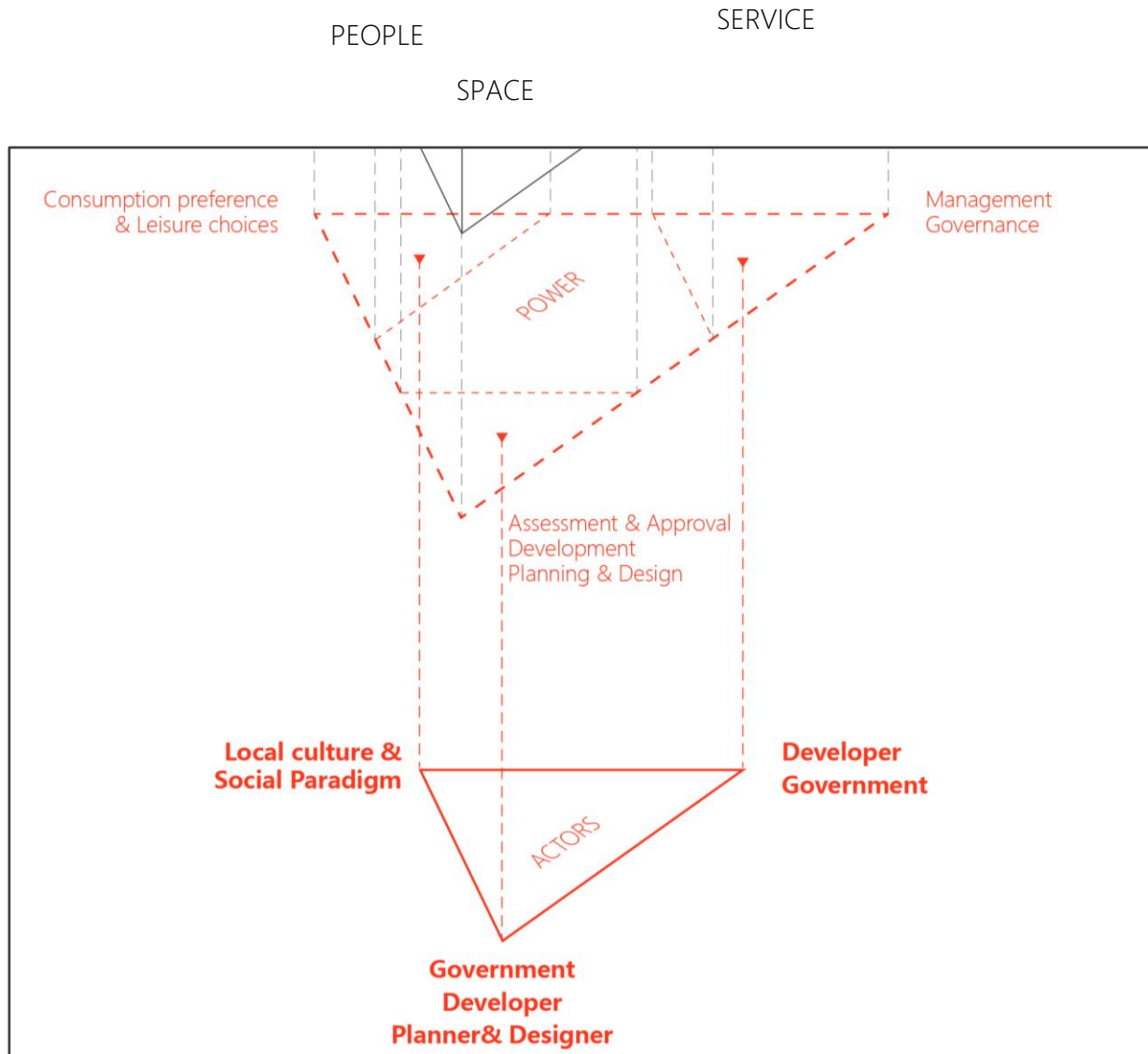
- New type, appearing strong
- New type
- Strengthened type
- Extended type
- Non-existing type
- Weakened type

Design here only informs **“WHAT SHOULD HAPPEN”**

But this is **not enough** to inform **“HOW TO MAKE IT HAPPEN”**

About issues related to actors & powers, **WE NEED PLANNING!**

ACTORS & POWERS



ISSUES 01 - EASY TO BE COMPROMISED

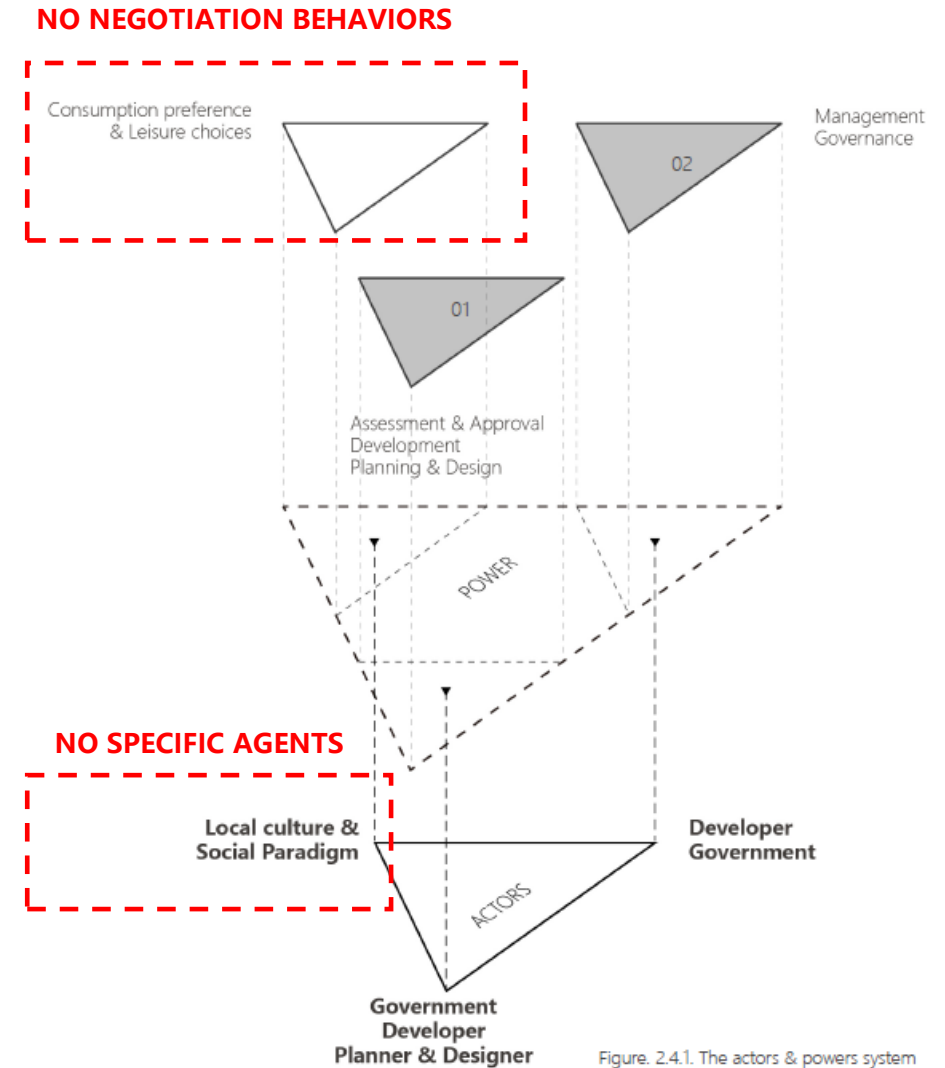
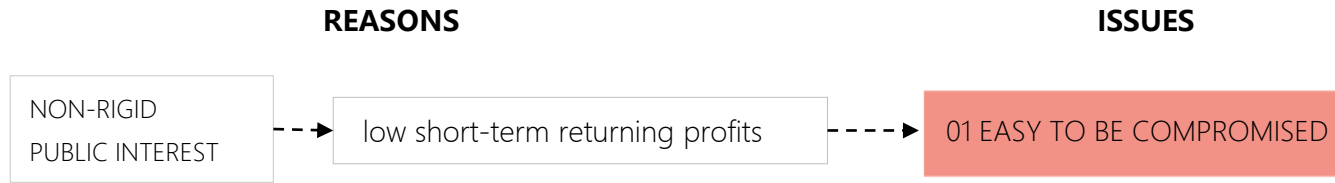


Figure. 2.4.1. The actors & powers system before interventions

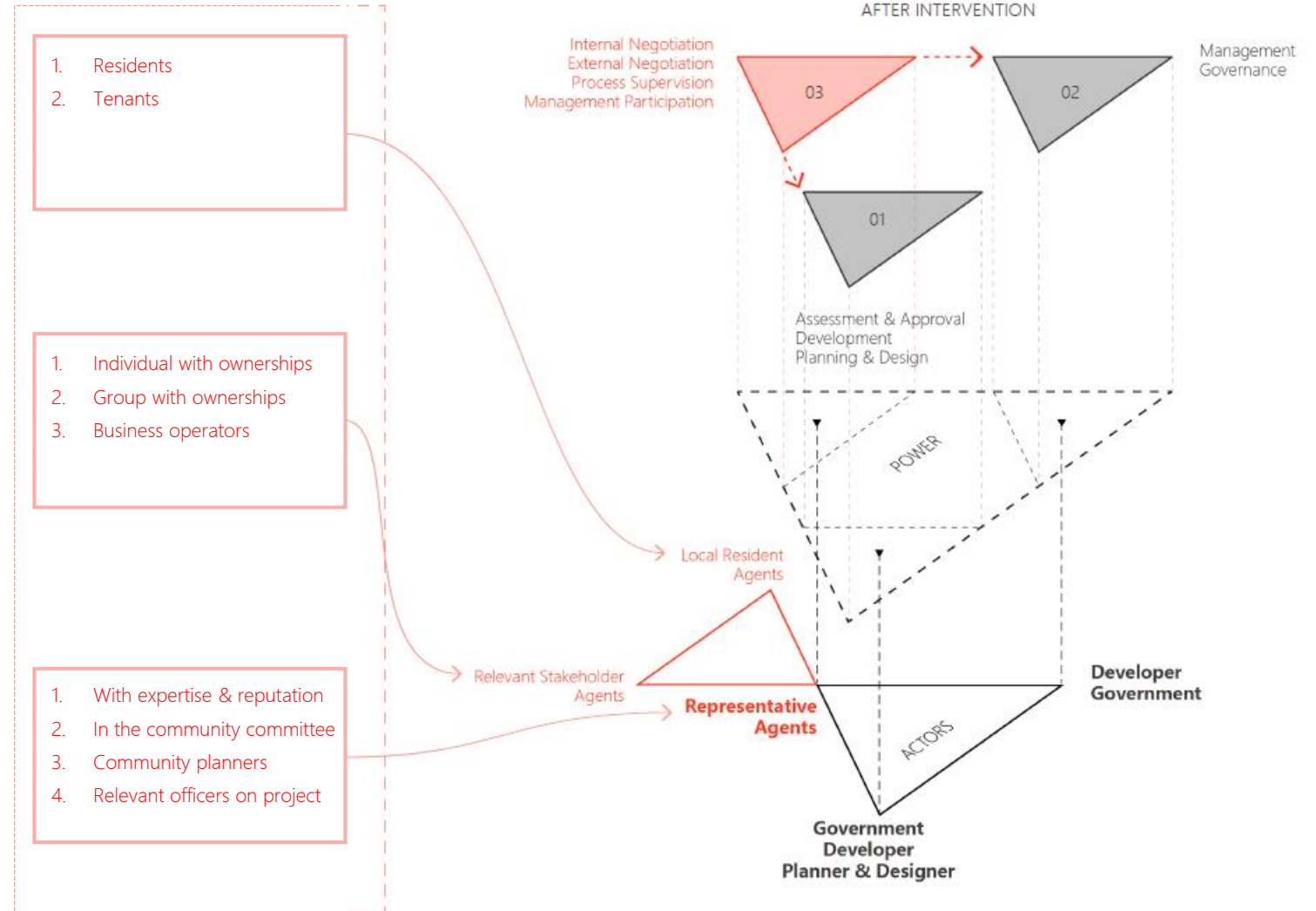
01 LOCAL EMPOWERMENT



AGENT GROUP



PARTICIPATION MERCHANTISM



ISSUES 02 - EASY TO BE COERCED (squeezed by other goals)

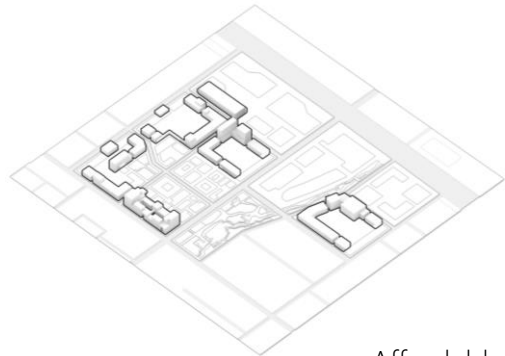
REASONS

NON-COMMERCIAL
LOW INTENSITY

low land-value realization

ISSUES

02 EASY TO BE COERCED

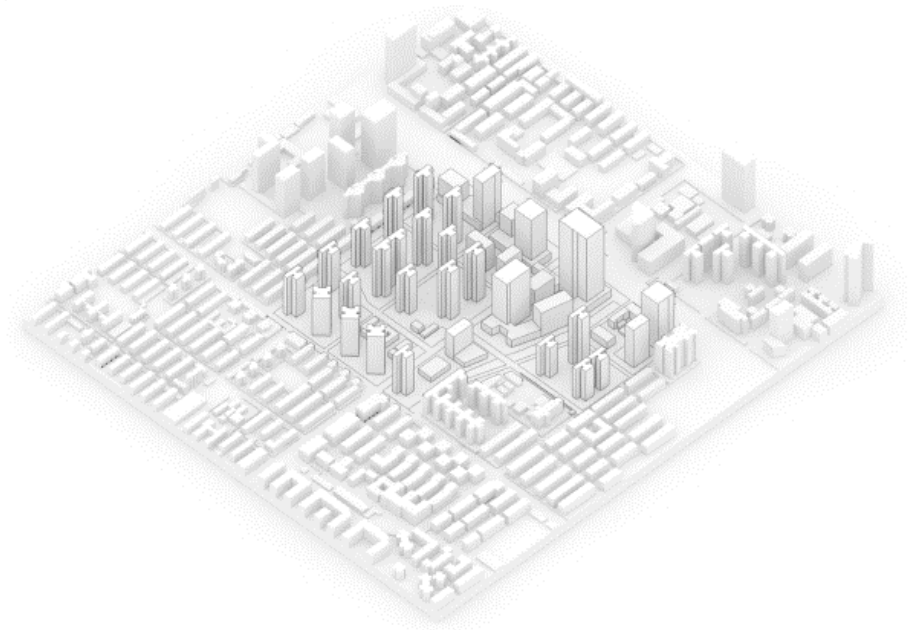


Affordable housing + low intensity
(proposed strategy)



VS

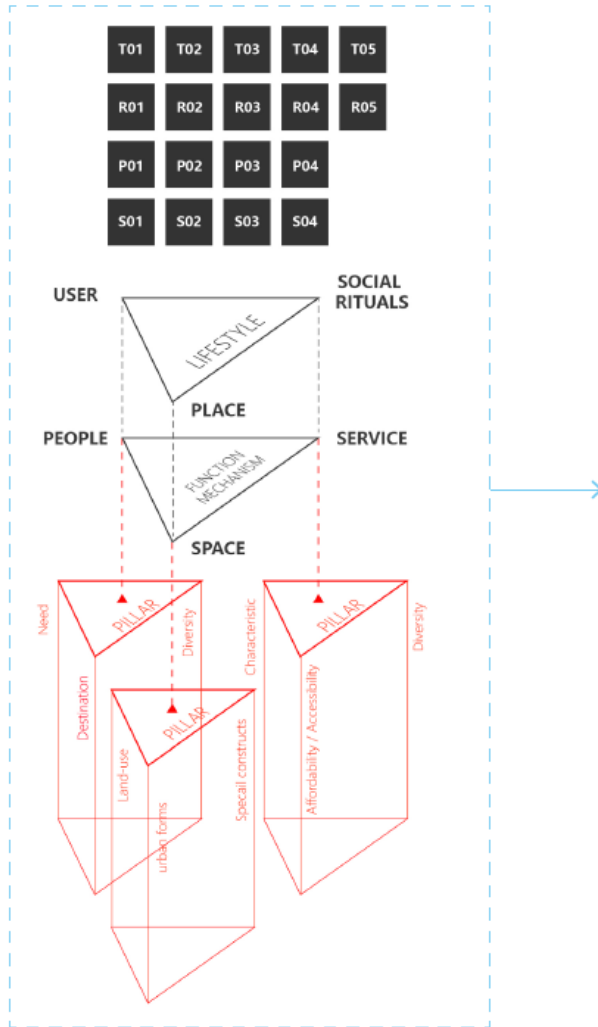
All high-rise residential buildings
(business as usual)



02 MANDATORY PROVISIONS



SPECIALIZED RESEARCH



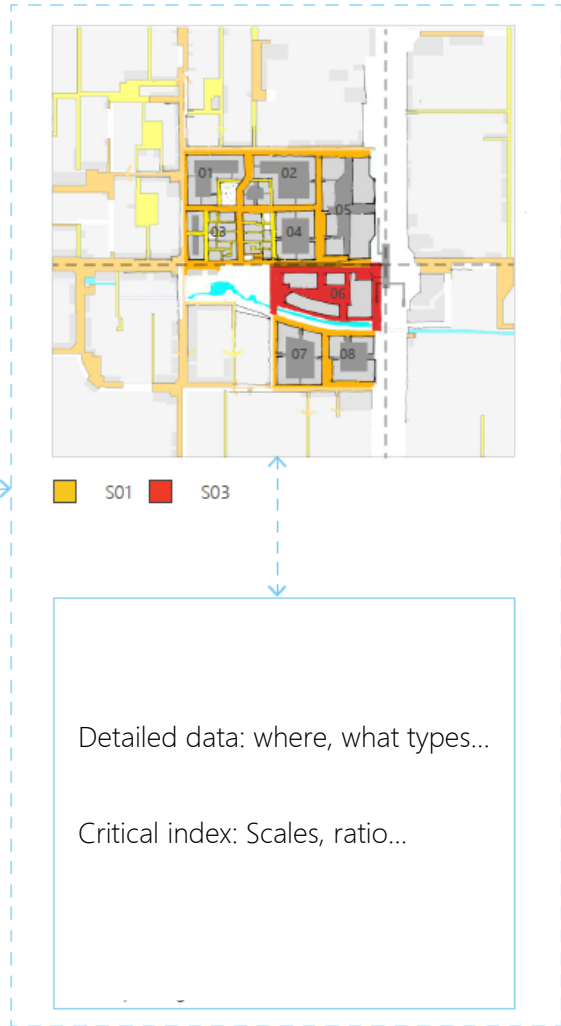
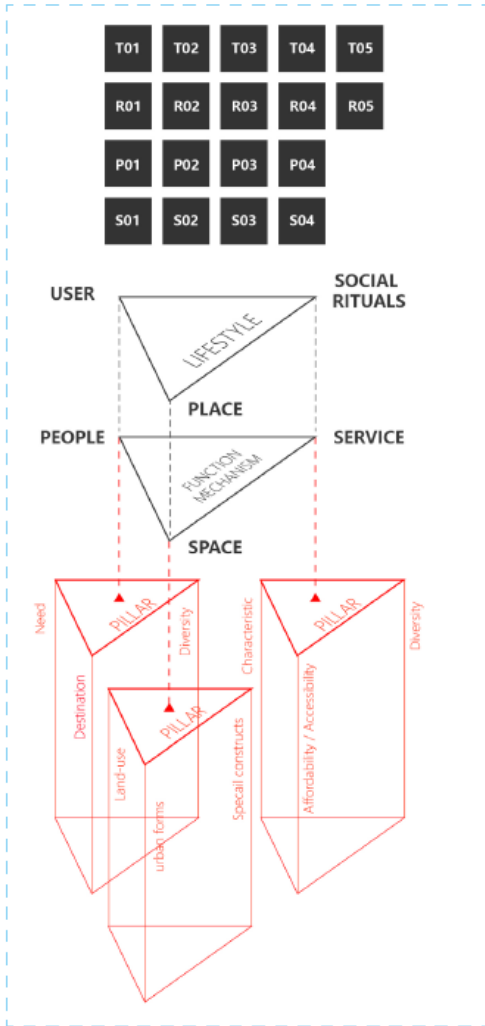
02 MANDATORY PROVISIONS



SPECIALIZED RESEARCH



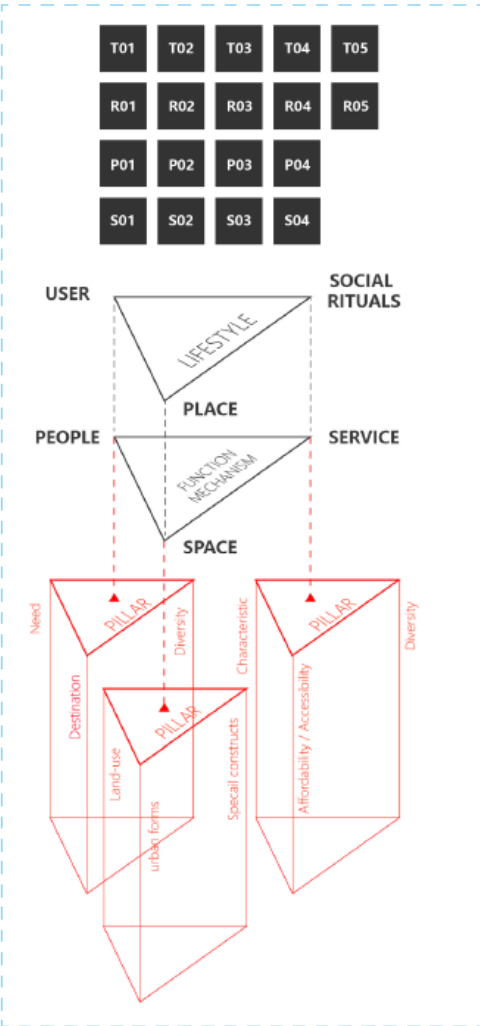
REGULATIVE DRAWING & DOCUMENT



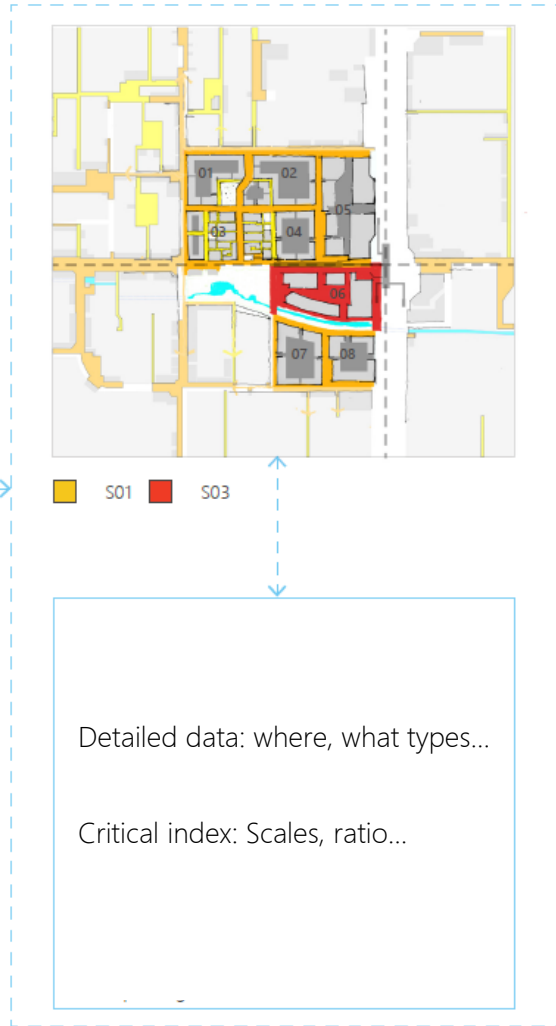
02 MANDATORY PROVISIONS



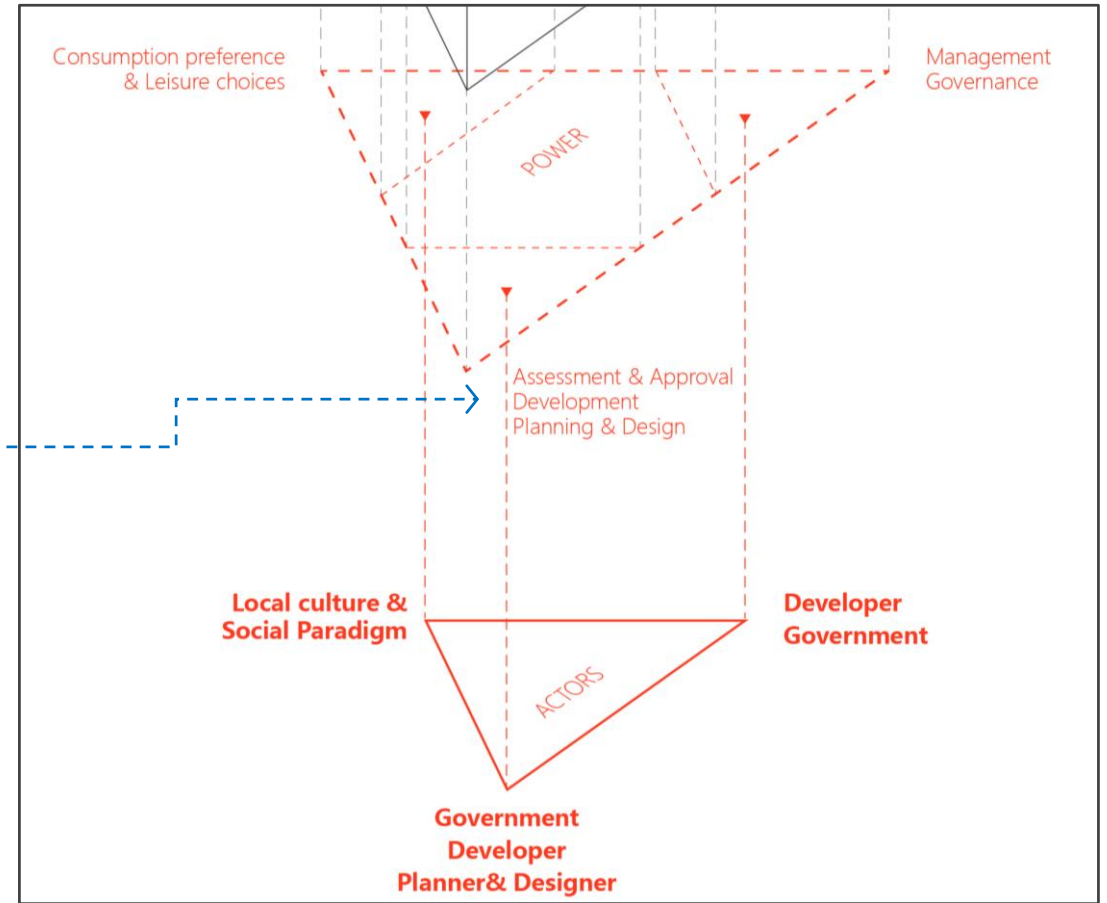
SPECIALIZED RESEARCH



REGULATIVE DRAWING & DOCUMENT



OBJECTS TO BE EXAMINED



ISSUES 03 - LOW POSITIVITY FROM THE MARKET

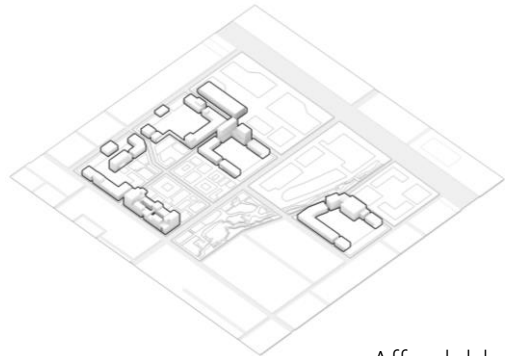
REASONS

NON-COMMERCIAL
LOW INTENSITY

Lower the positioning and prices

ISSUES

03 LOW POSITIVITY FROM THE MARKET

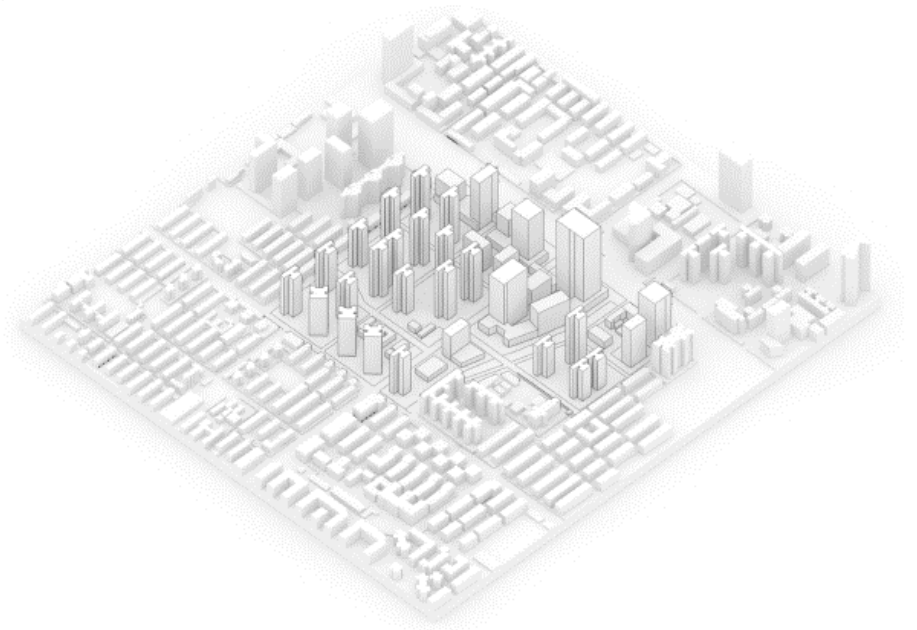


Affordable housing + low intensity
(proposed strategy)

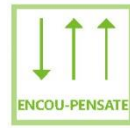


VS

All high-rise residential buildings
(business as usual)



03 ENCOURAGEMENT & COMPENSATION



REWARDING POLICY

WAY 01: Rewarding floor area within the project



WAY 02: Rewarding floor area other the projects where possible



ISSUES 04 - LACK OF QUALITY GUARANTEE

REASONS

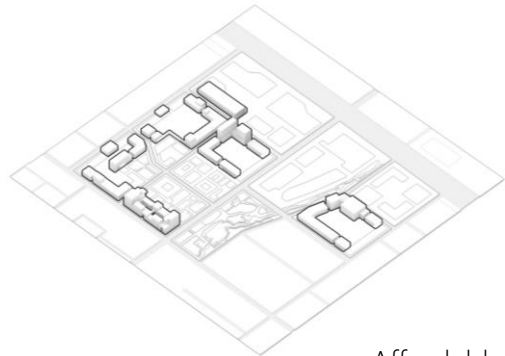
NON-COMMERCIAL
LOW INTENSITY

Slow cycle of return on investment

ISSUES

04 LACK OF QUALITY GUARANTEE

If handed to developers in the private sectors

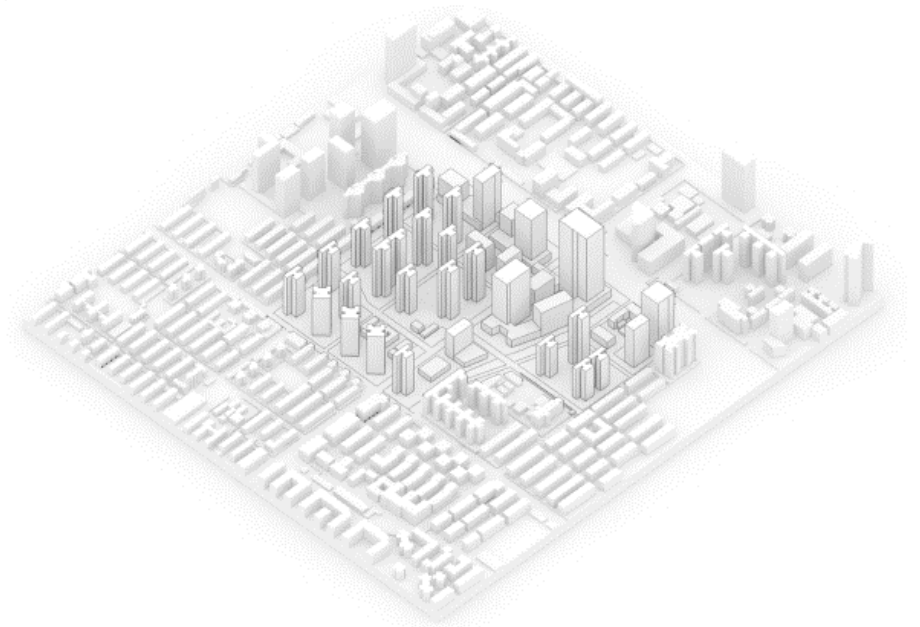


Affordable housing + low intensity
(proposed strategy)



VS

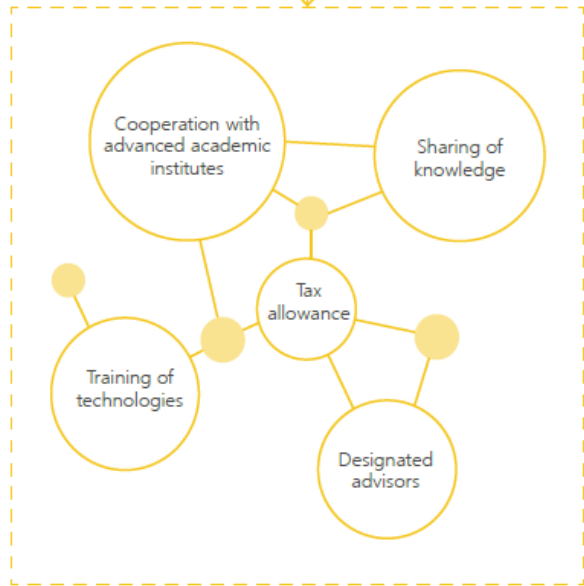
All high-rise residential buildings
(business as usual)



04 PUBLIC SECTOR PRIORITY & SUPPORT



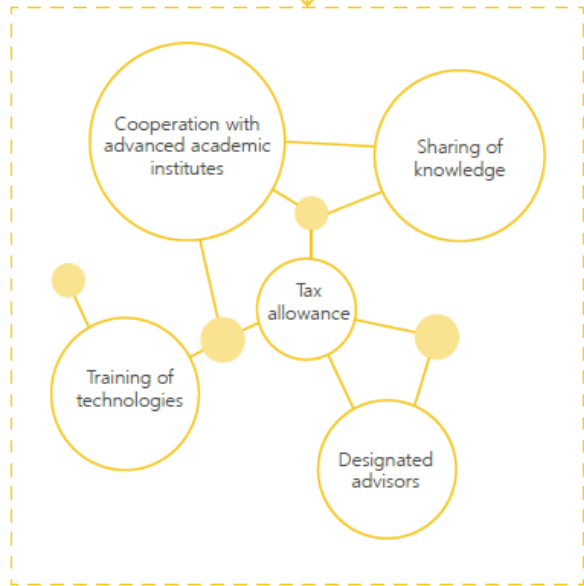
SUPPORT PACKAGE



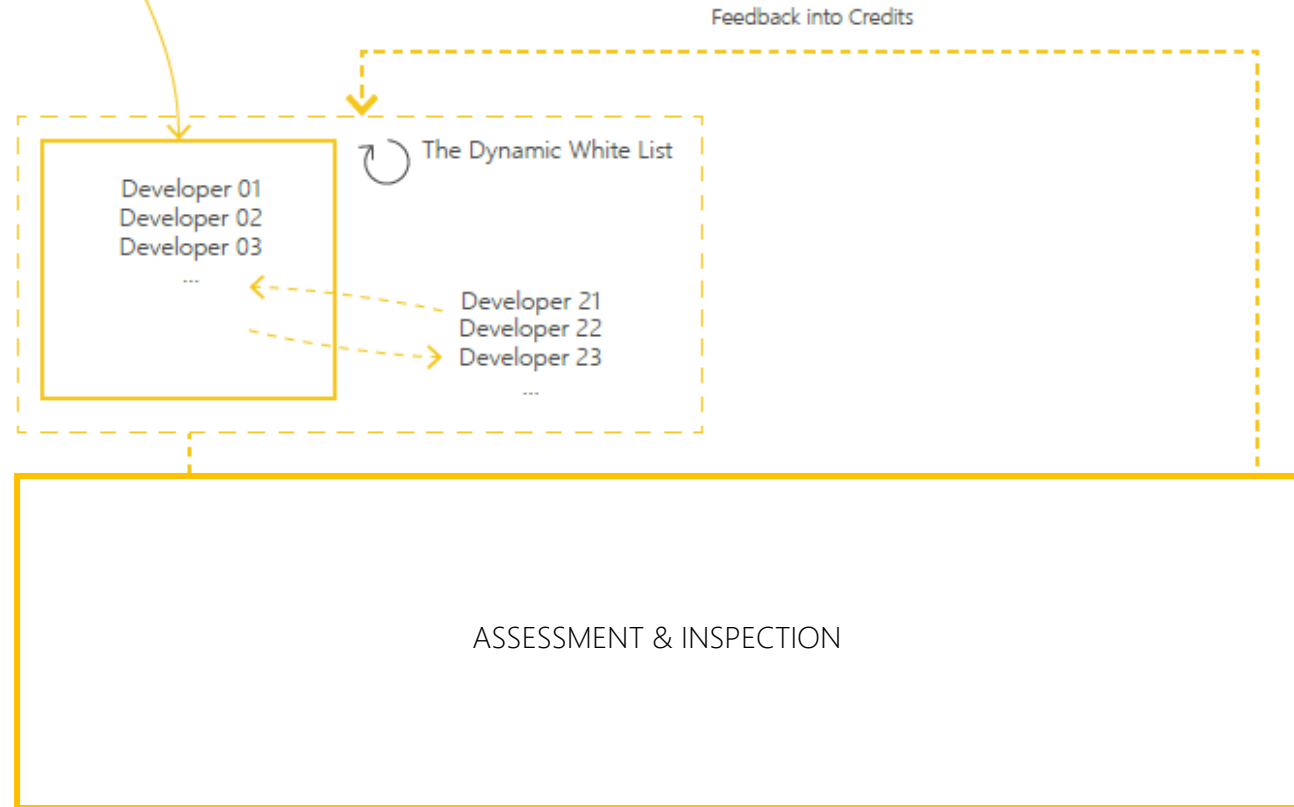
04 PUBLIC SECTOR PRIORITY & SUPPORT



SUPPORT PACKAGE



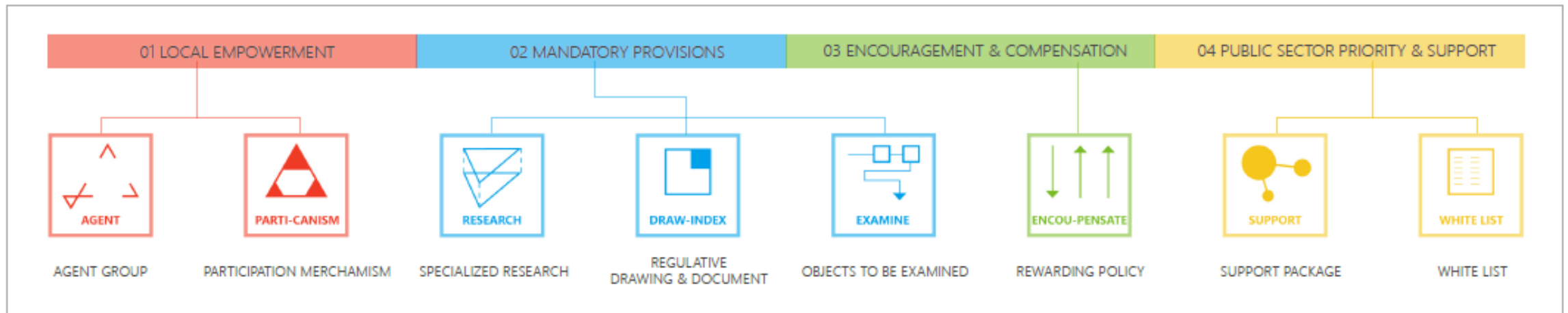
WHITE LIST



TOOL BOX

- 8 tools in terms of planning and governance

THE TOOL BOX



INSTITUTIONALIZATION FRAMEWORK

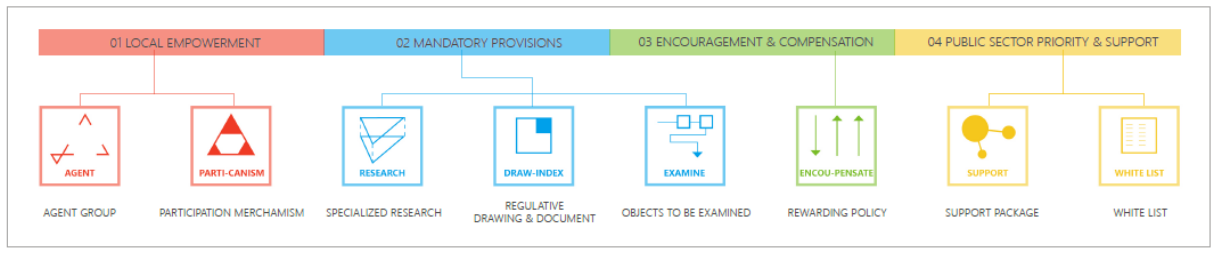


Figure. 2.5.1. The tool box of planning and governance

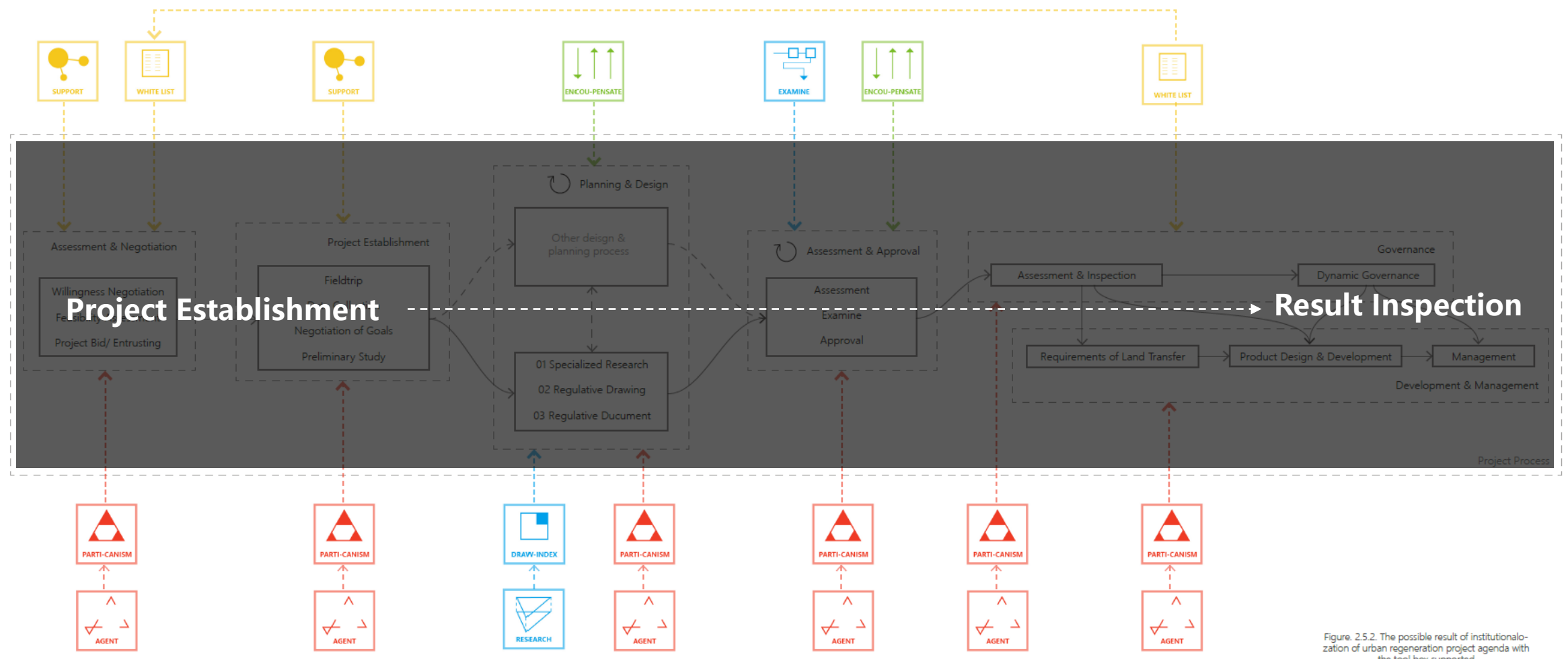
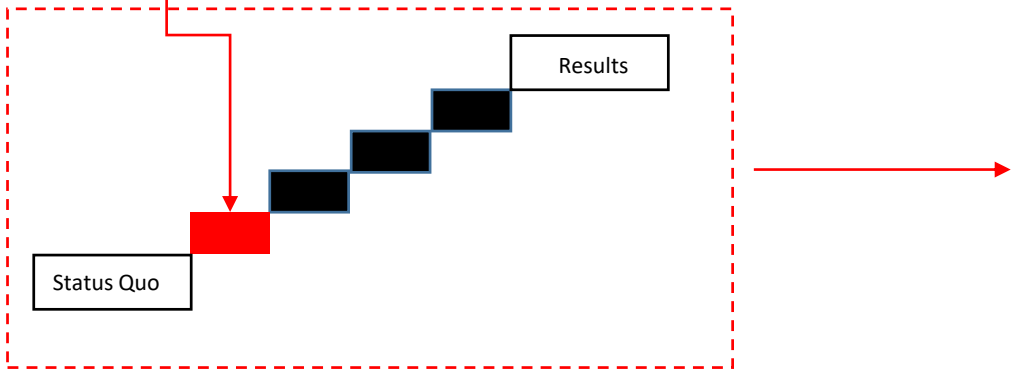


Figure. 2.5.2. The possible result of institutionalization of urban regeneration project agenda with the tool box supported

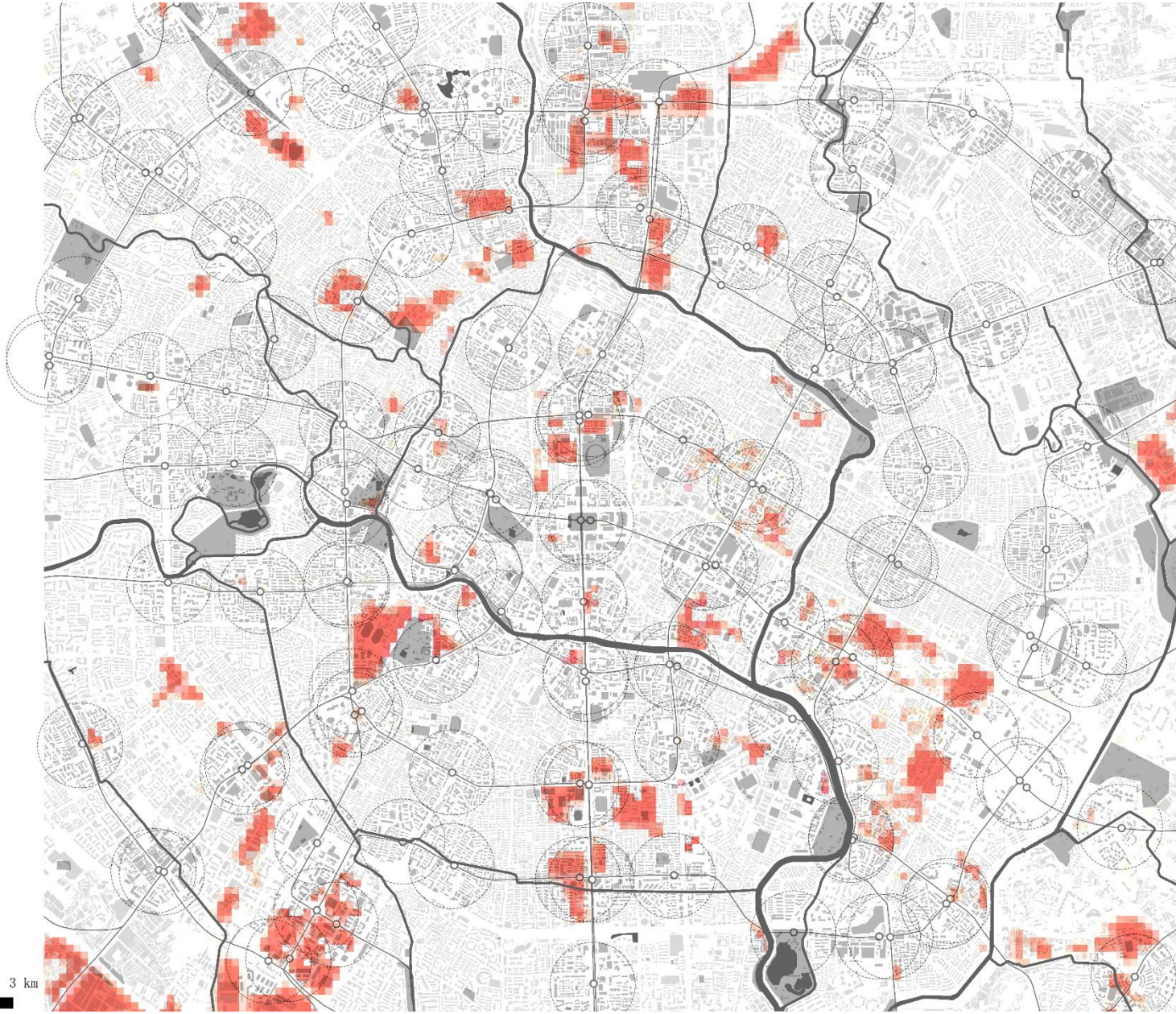
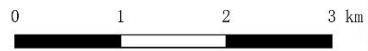
VISION AT THE CITY SCALE



"Add a step in the stair!"

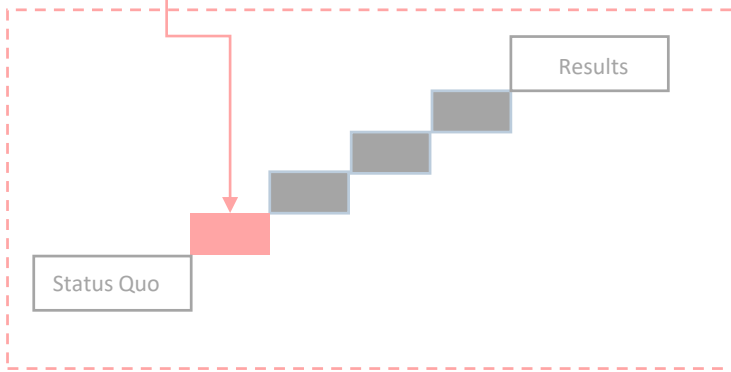


The urban regeneration system in Chengdu City





"Add a step in the stair!"



ONE PROJECT,

ONE OPPORTUNITY!



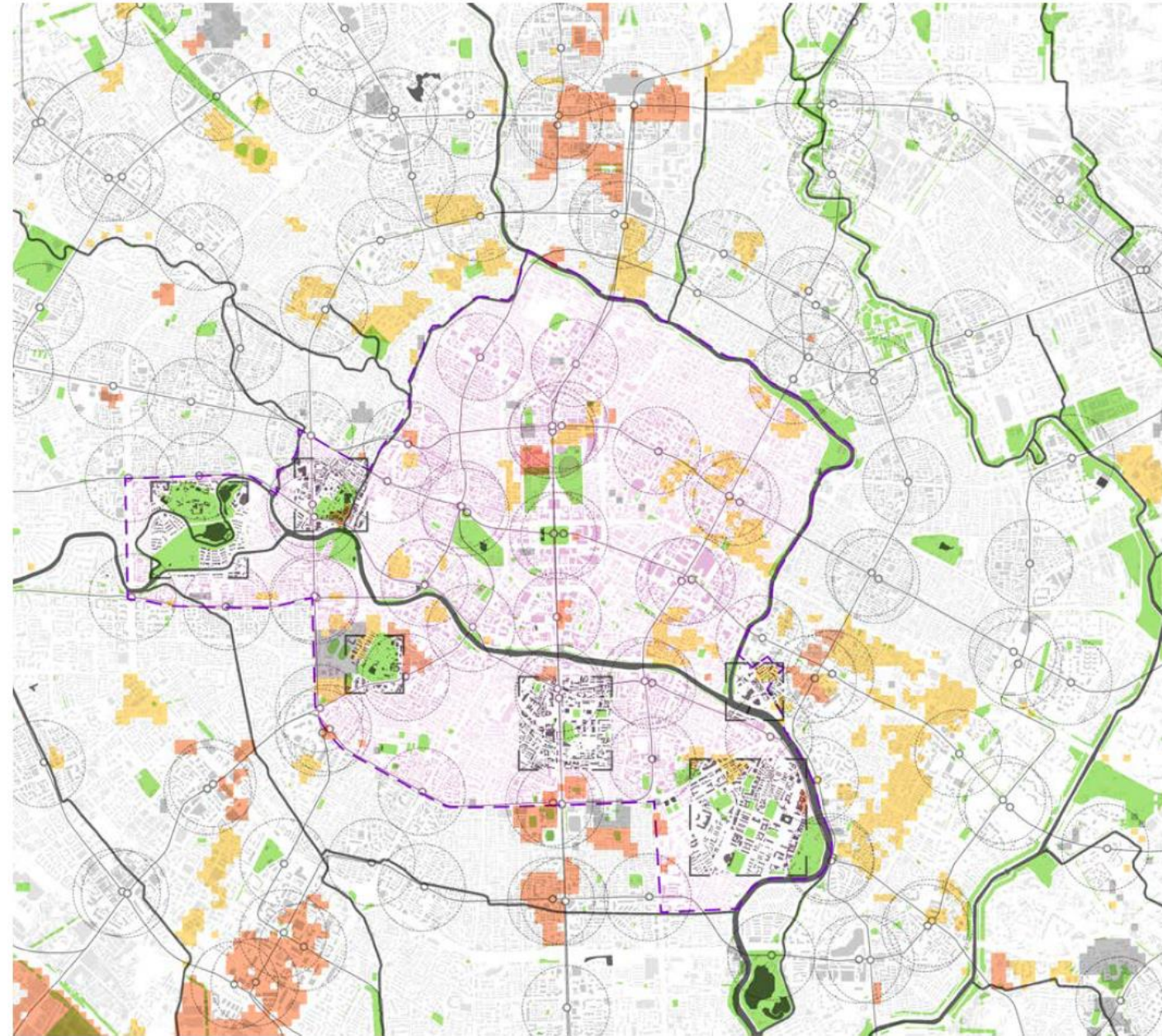
The ongoing urban regeneration system in Chengdu City



GUIDELINES

- Different types of projects
- Different resources
- Different scenes to be focused more

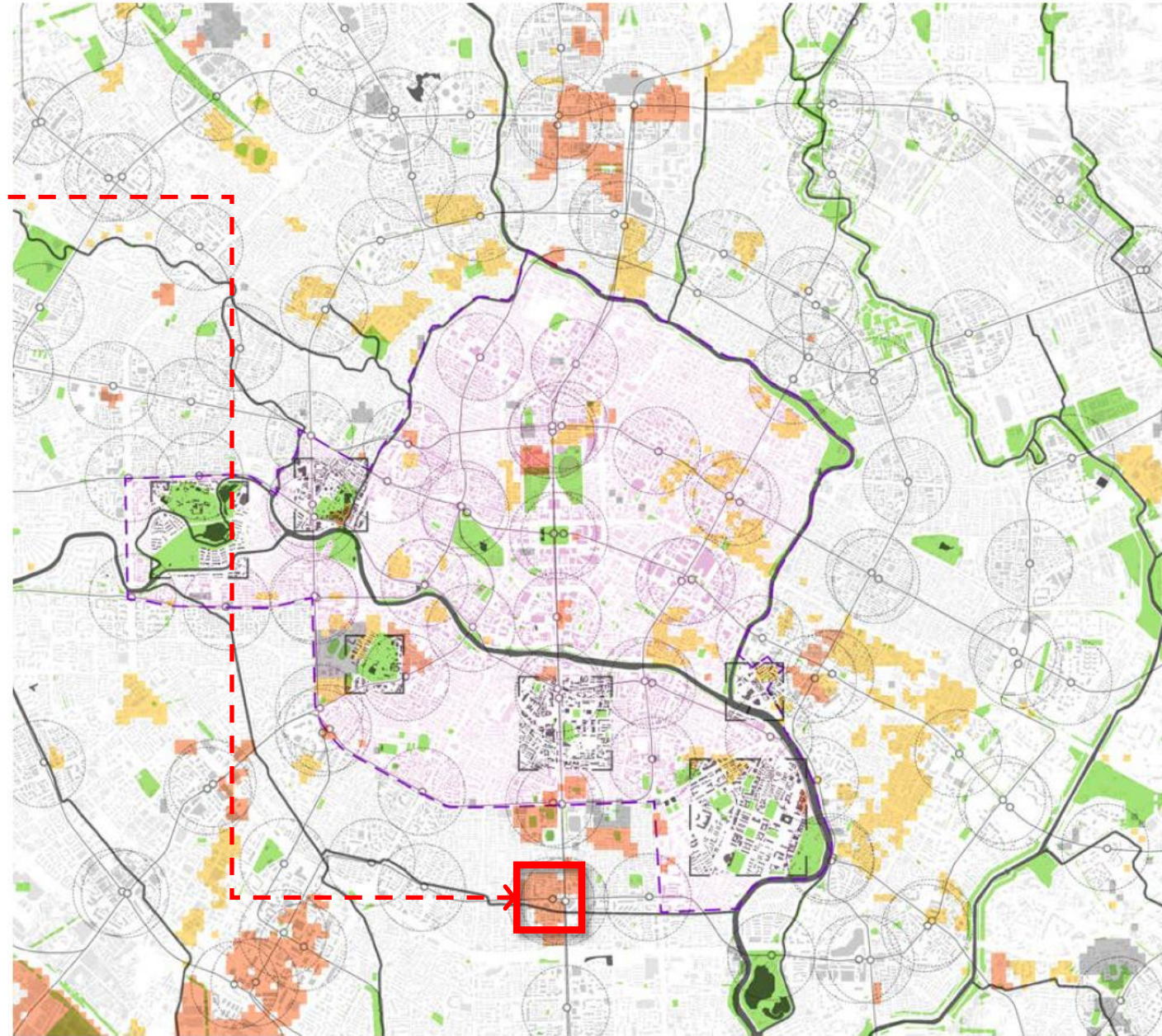
GUIDELINE		PROJECT TYPE		
		community type	production & consumption type	others
		T02, T04/ R02, R04, R05/ P04/ S03, S04	T01/ R01/ S01	-
SCENES WITH RESOURCES	Metro station	+ T01/R01/S01		
		1. Be integrated in the community public space system.	1. Be integrated in the public space system of business and commercial zones.	
		2. Focus on the relationship coordination between scenes organized around metro station entrances and those organized on the community living streets.	2. Focus on the relationship coordination between scenes organized around metro station entrances and those organized on pedestrian areas.	
	Water & green	+ T05/P01, P03, P04		
		1. Be integrated in the public space system of communities and green open spaces.	1. Be integrated in the public space system of TOD & POD complex	
	Heritages	+ T03/R03/P02/S02		
1. Be integrated in the community public space system.		1. Be integrated in the public space system of business and commercial zones.		
2. Focus on the relationship coordination between scenes mixed in the heritage spaces and those organized on the community living streets.		2. Focus on the relationship coordination between scenes mixed in the heritage spaces and those organized on pedestrian areas.		
		3. Avoid the excessive commercialization in the heritage spaces	3. Avoid the excessive commercialization in the heritage spaces	



GUIDELINES

1. Be integrated in the public space system of business and commercial zones.
2. Focus on the relationship coordination between scenes organized around metro station entrances and those organized on pedestrian areas.
3. Avoid the excessive concentration of spaces and services around metro stations

GUIDELINE		PROJECT TYPE		
		community type	production & consumption type	others
		T02, T04/ R02, R04, R05/ P04/ S03, S04	T01/ R01/ S01	-
SCENES WITH RESOURCES	Metro station	+ T01/R01/S01		
		1. Be integrated in the community public space system.	1. Be integrated in the public space system of business and commercial zones.	
		2. Focus on the relationship coordination between scenes organized around metro station entrances and those organized on the community living streets.	2. Focus on the relationship coordination between scenes organized around metro station entrances and those organized on pedestrian areas.	
		3. Avoid the excessive concentration of spaces and services around metro stations	3. Avoid the excessive concentration of spaces and services around metro stations	
	Water & green	+ T05/P01, P03, P04		
		1. Be integrated in the public space system of communities and green open spaces.	1. Be integrated in the public space system of TOD & POD complex	
	2. Focus on the connection between scenes organized in the parks and those organized on the community living streets.	2. Focus on the connection between scenes organized in the parks and those organized on pedestrian areas		
Heritages	+ T03/R03/P02/S02			
	1. Be integrated in the community public space system.	1. Be integrated in the public space system of business and commercial zones.		
	2. Focus on the relationship coordination between scenes mixed in the heritage spaces and those organized on the community living streets.	2. Focus on the relationship coordination between scenes mixed in the heritage spaces and those organized on pedestrian areas.		
	3. Avoid the excessive commercialization in the heritage spaces	3. Avoid the excessive commercialization in the heritage spaces		

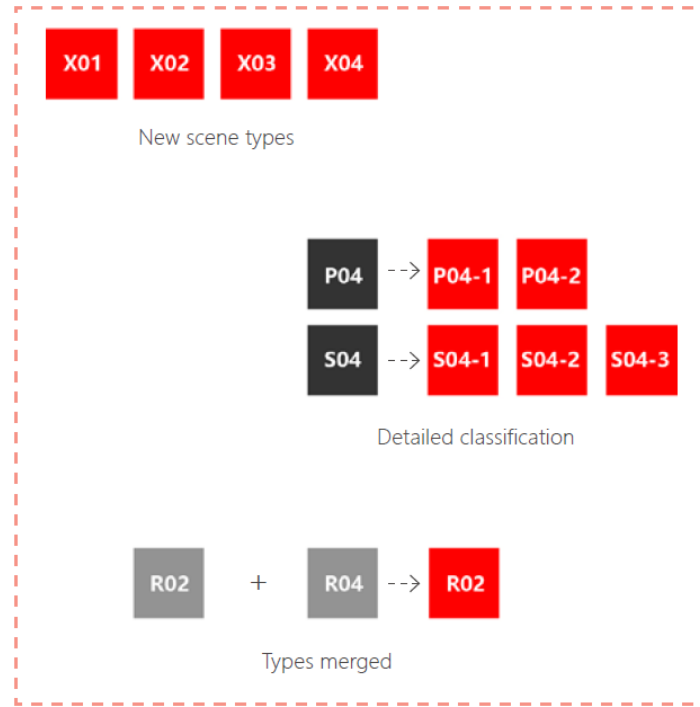


ADAPTIVE MECHANISM

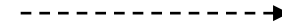
- Typology adaptation



PROTOTYPE VERSION



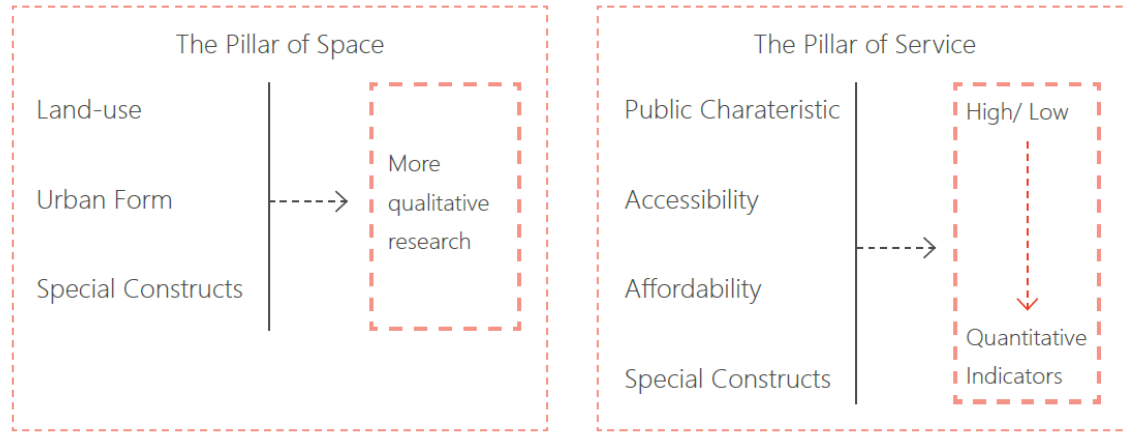
ADAPTATION PROCESS IN PRACTICE



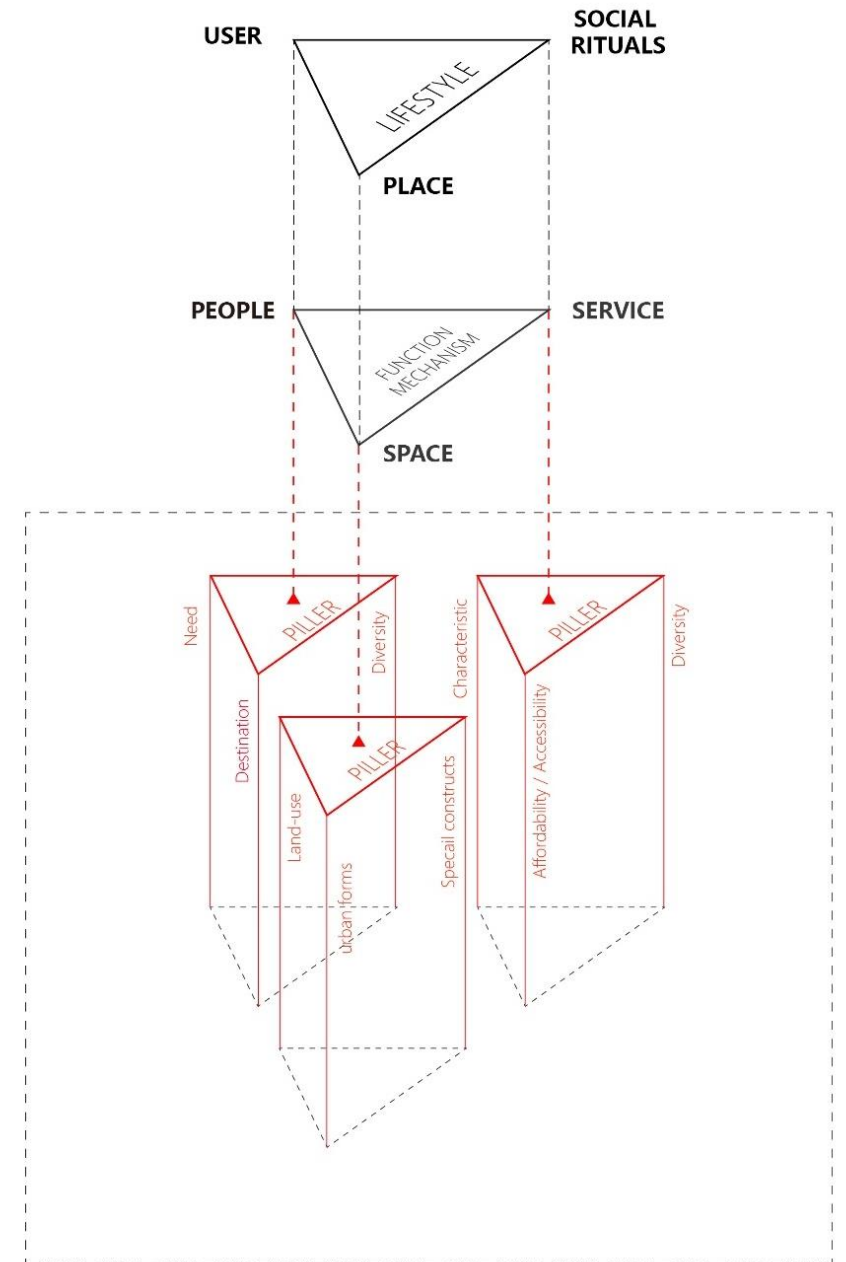
ADAPTED VERSION

ADAPTIVE MECHANISM

- Indicator adaptation



EXAMPLES OF FURTHER RESEARCH FOCUSES FOR ADAPTATION



01 **WHAT** IS THE TOPIC ABOUT — 02 **WHAT** IS THE PROBLEM — 03 **UNDERSTAND** THE PROBLEM — 04 **EXPLORE** THE SOLUTION — 05 **REFLECTION**

REFLECTION

1

The overall perspective

2

The role of
design and planning

3

Being too ambitious
VS
Challenges from cliché

4

The disappearing of
the place nearby

Thanks for listening!

Looking forward to your comments

Special thanks to Lei and Claudiu

Under the guidance of dr. Lei Ou and dr. ir. Claudiu Forgaci

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2021/06/28