



New Community Building

*---promoting social-spatial integration
in the segregated context of Shenzhen*

Chen Wei 4255380
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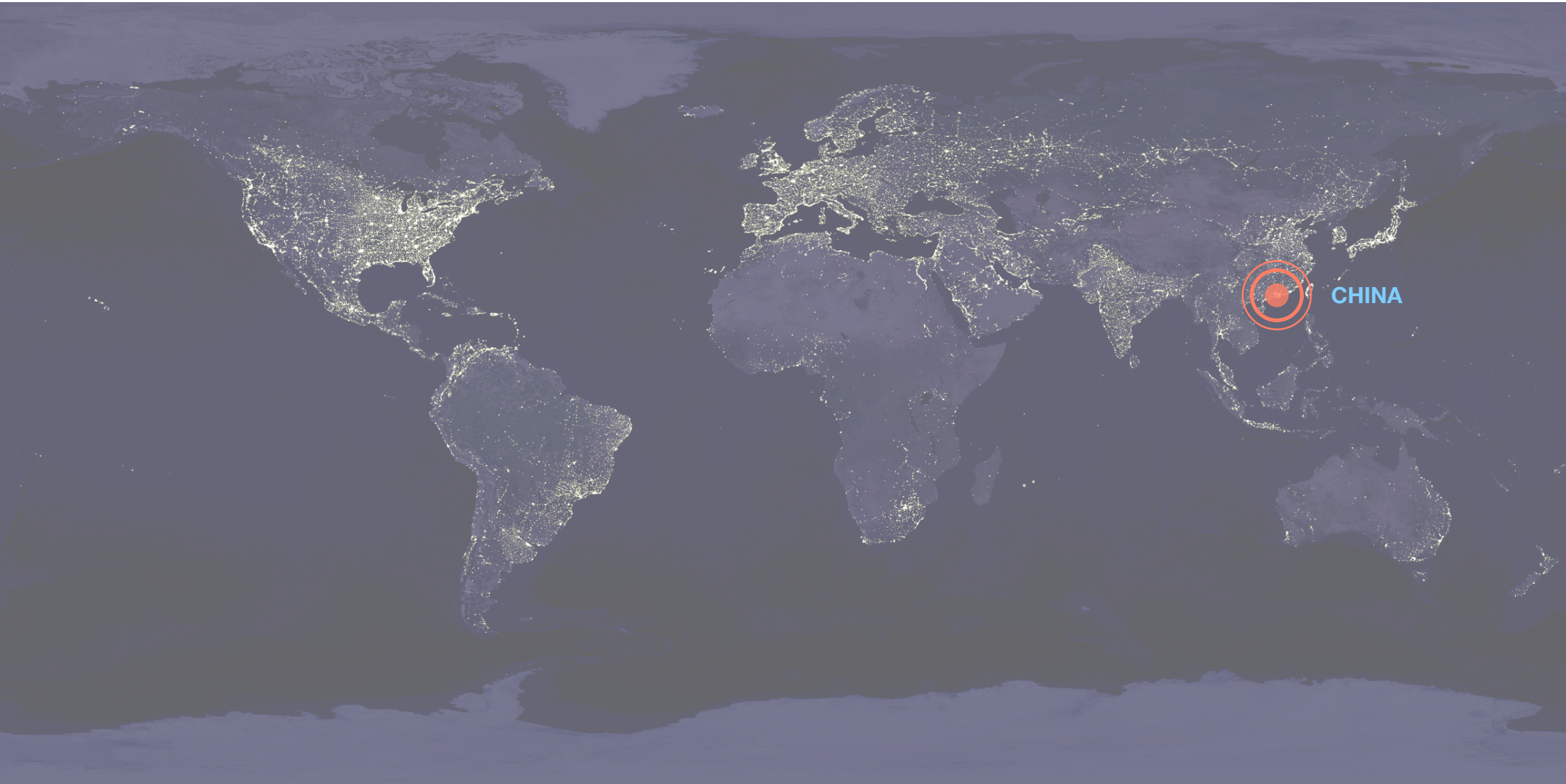
Context and Motivation

Relevance

Problem Diagnosis

Problem Statement

Location_



(source: nasa.gov)

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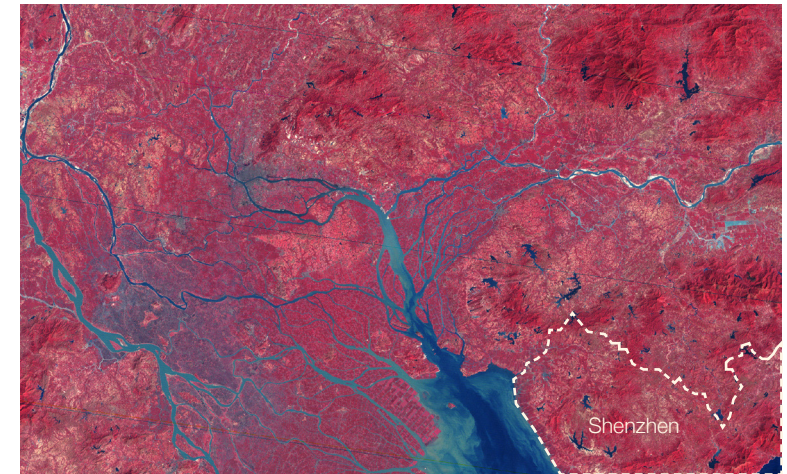
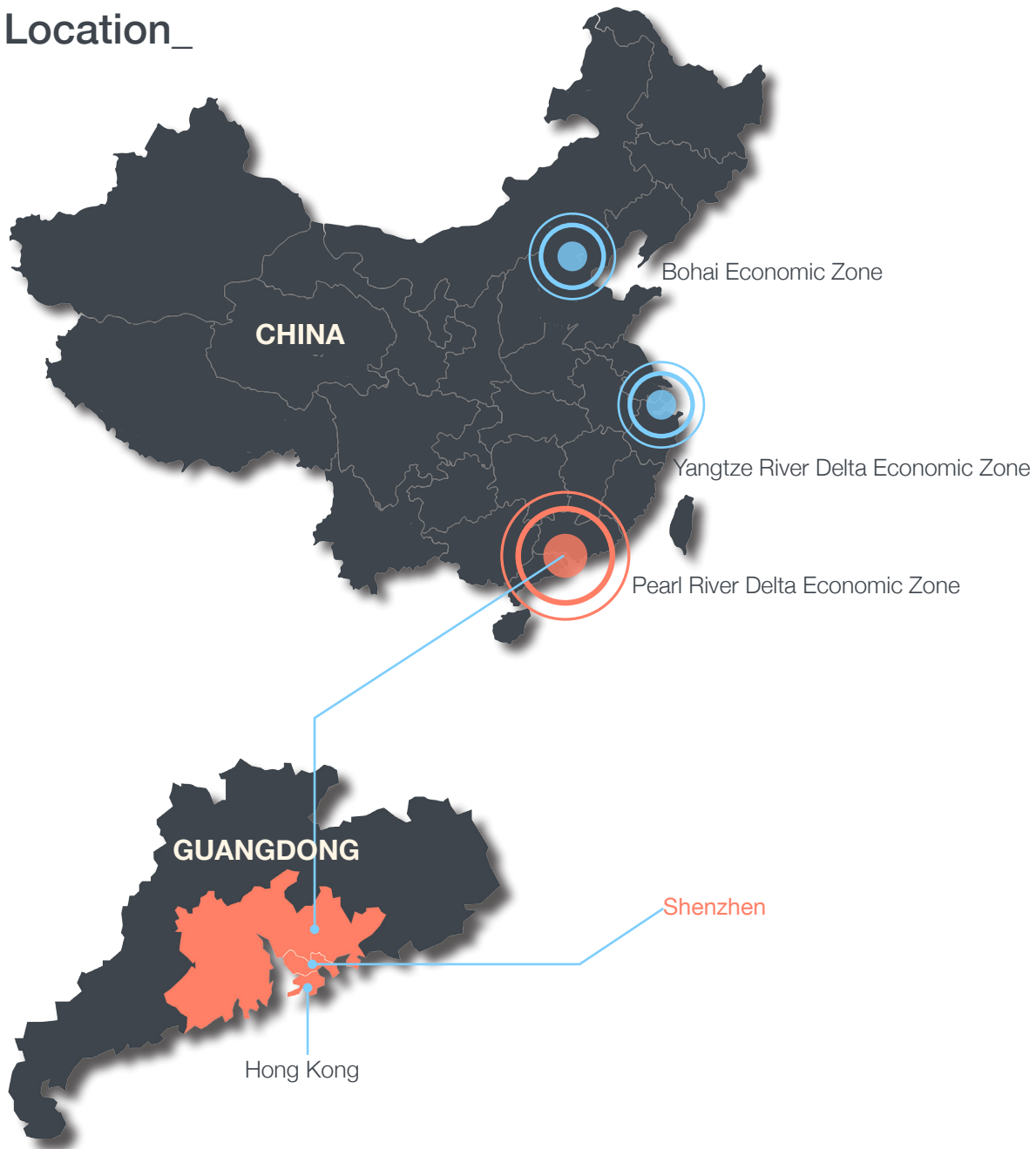
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Location_



Pearl River Delta 1979



Pearl River Delta 2003
(source: .nasa.gov)



Shenzhen Before 1980s_

(source: flickr photos)



Shenzhen Now_

(source:<http://www.businessinsider.com/old-photos-of-shenzhen-2013-2?öp=1>)

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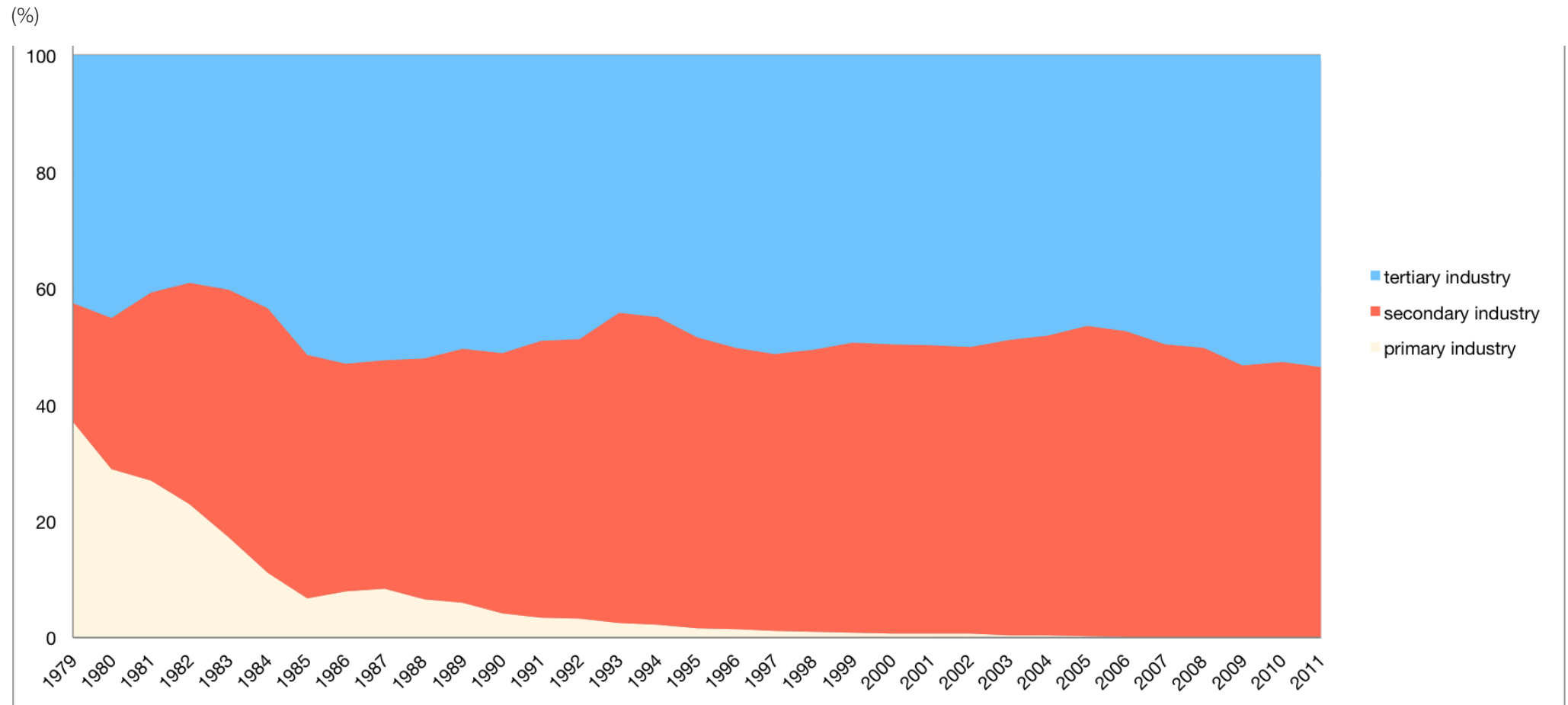
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Economic restructuring_



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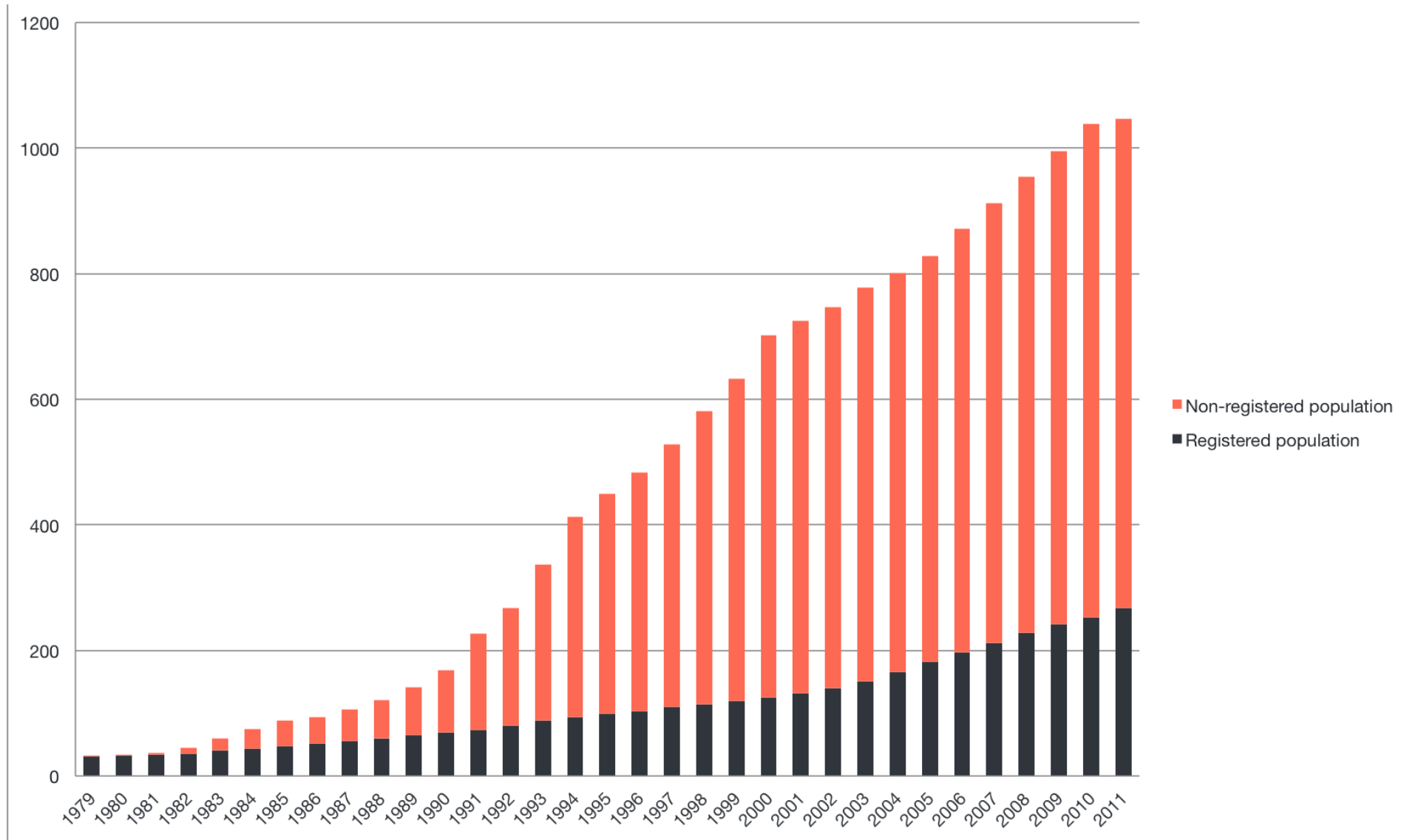
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Population Growth_

(10,000 persons)

1979/ Population: 0.31million
2011/ Population: 10.46million



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Context and Motivation

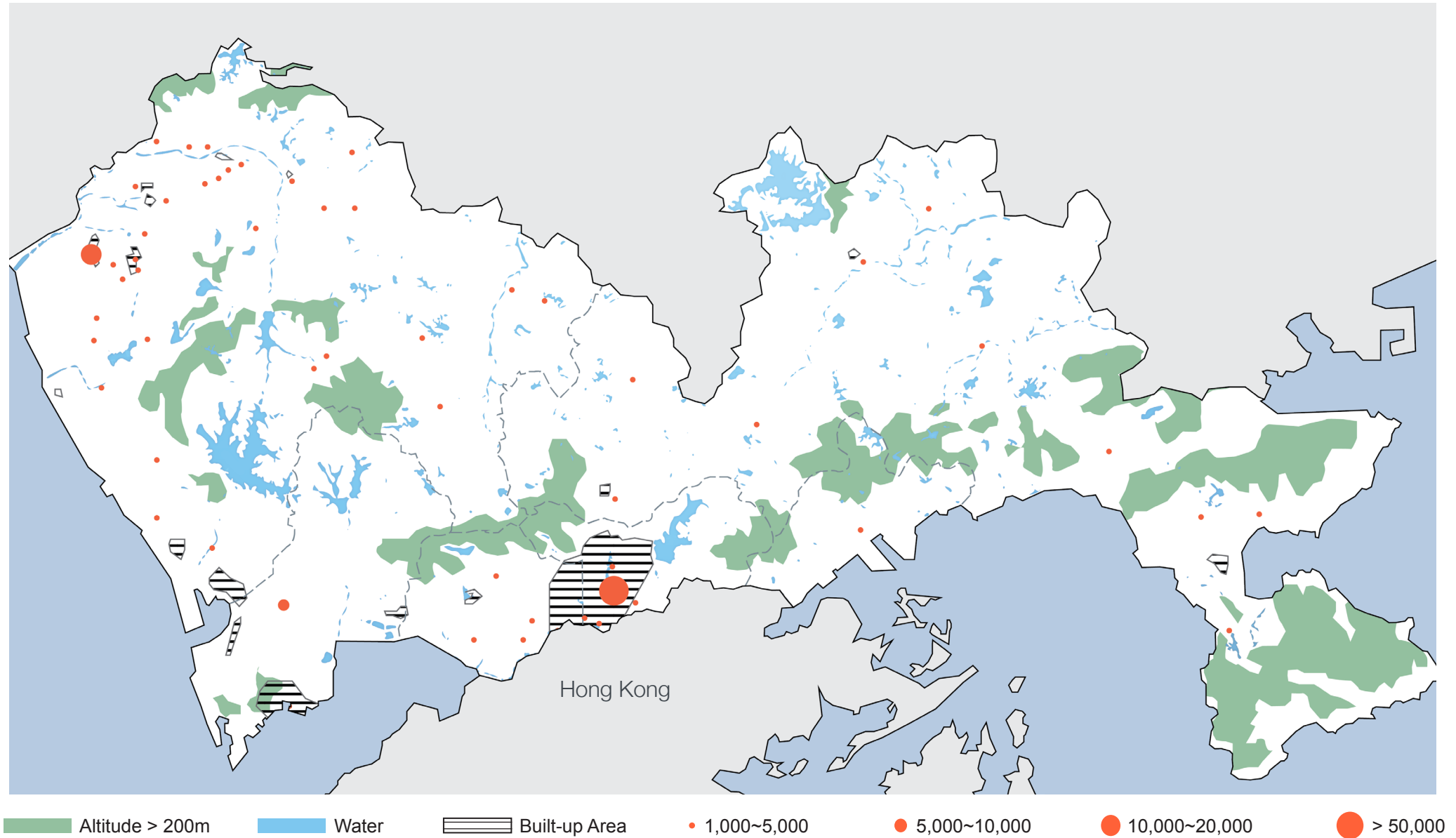
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Urban Sprawl_

1980s/ Land Area: 3km²



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Context and Motivation

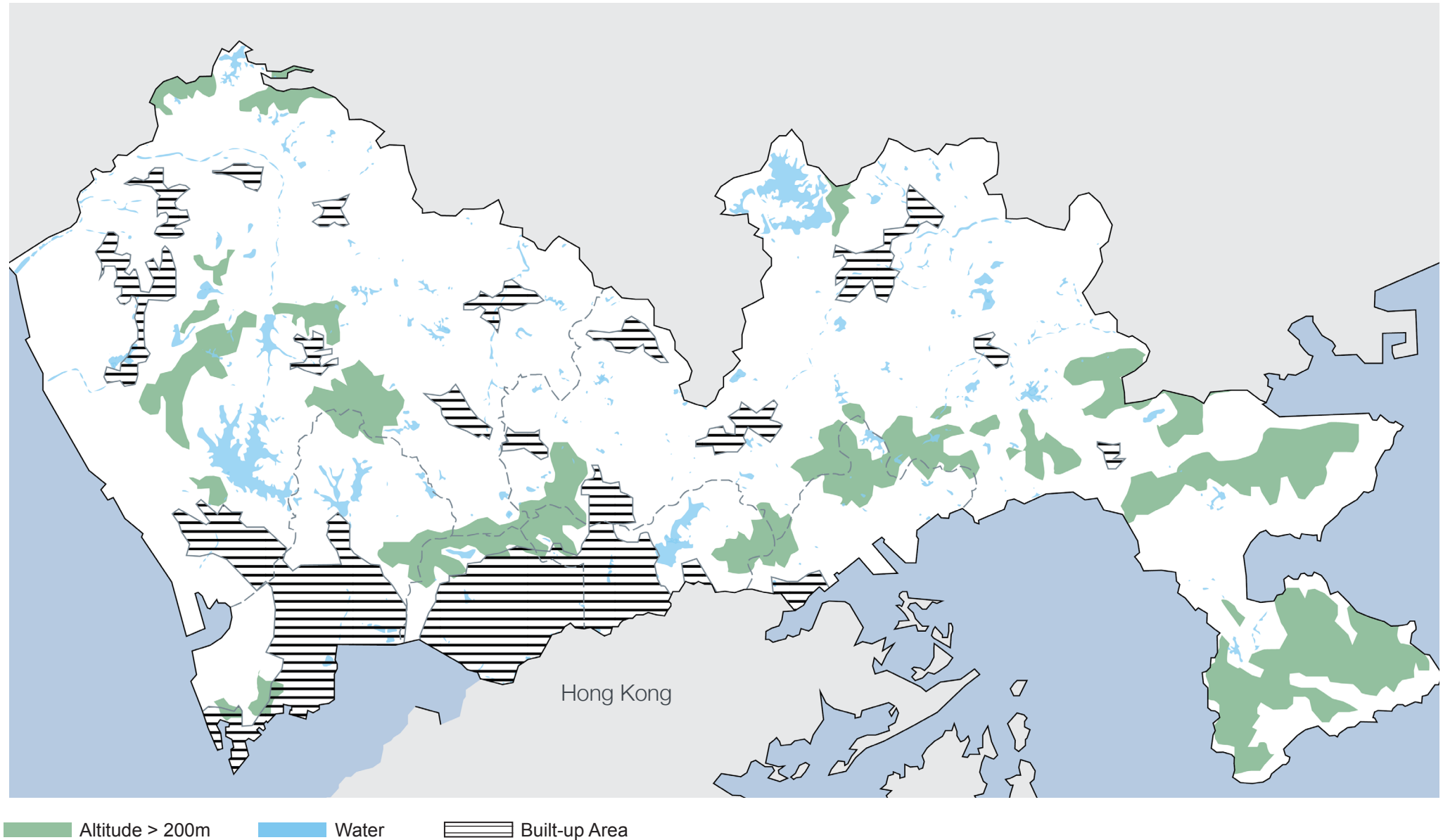
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Urban Sprawl_

1990s/ Land Area: 140km²



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Context and Motivation

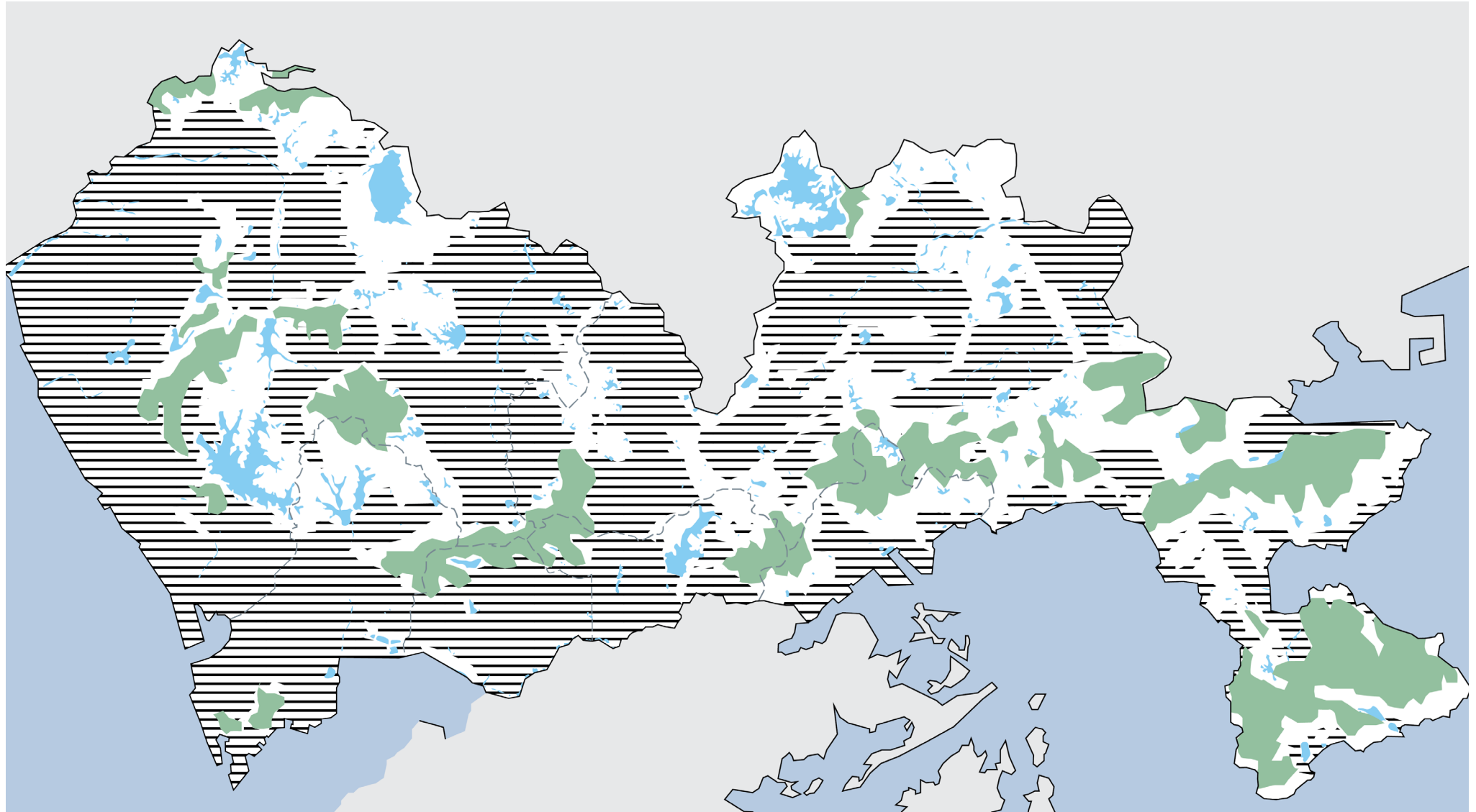
Relevance

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Problem Statement

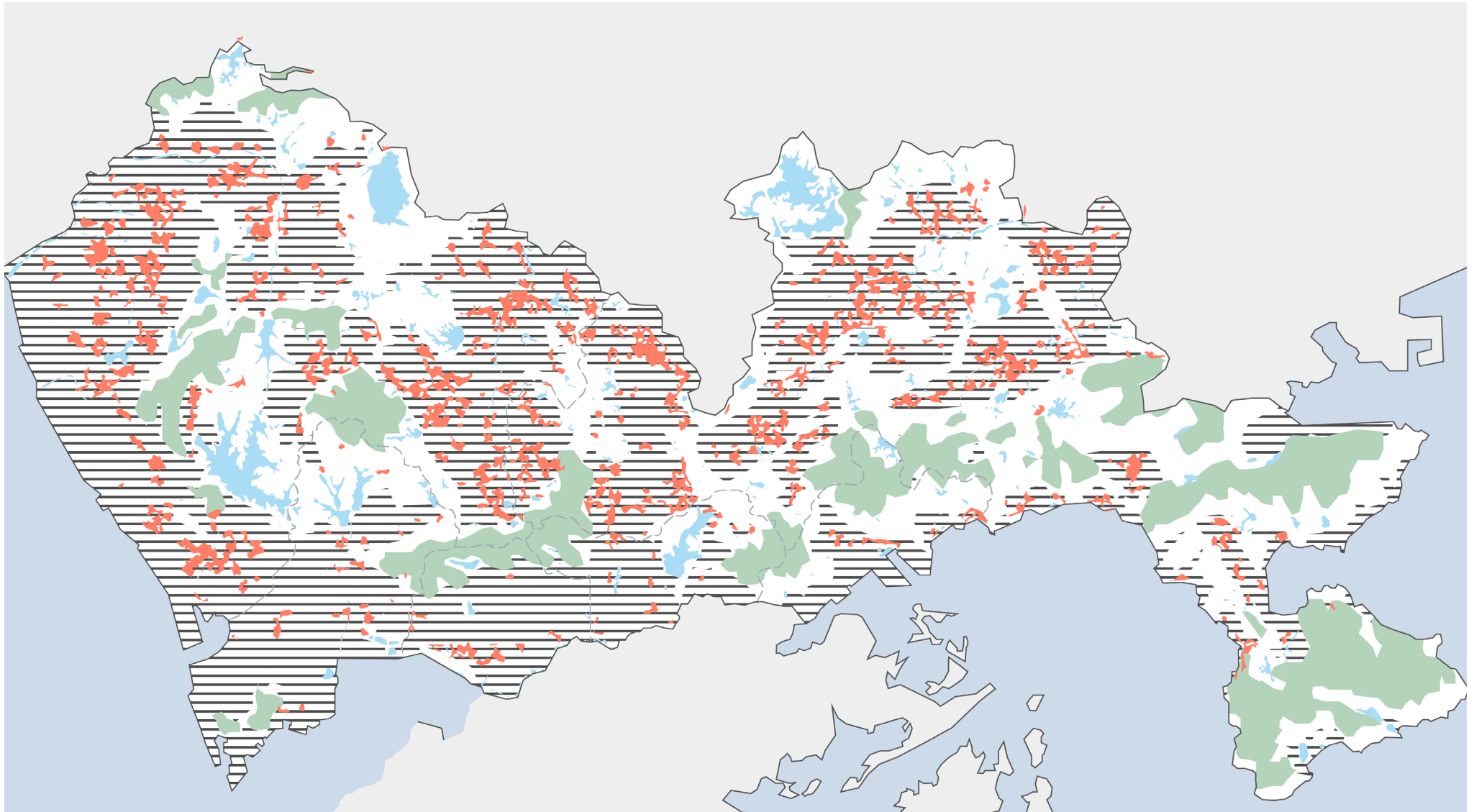
Urban Sprawl_

2010/ Land Area: 810km²

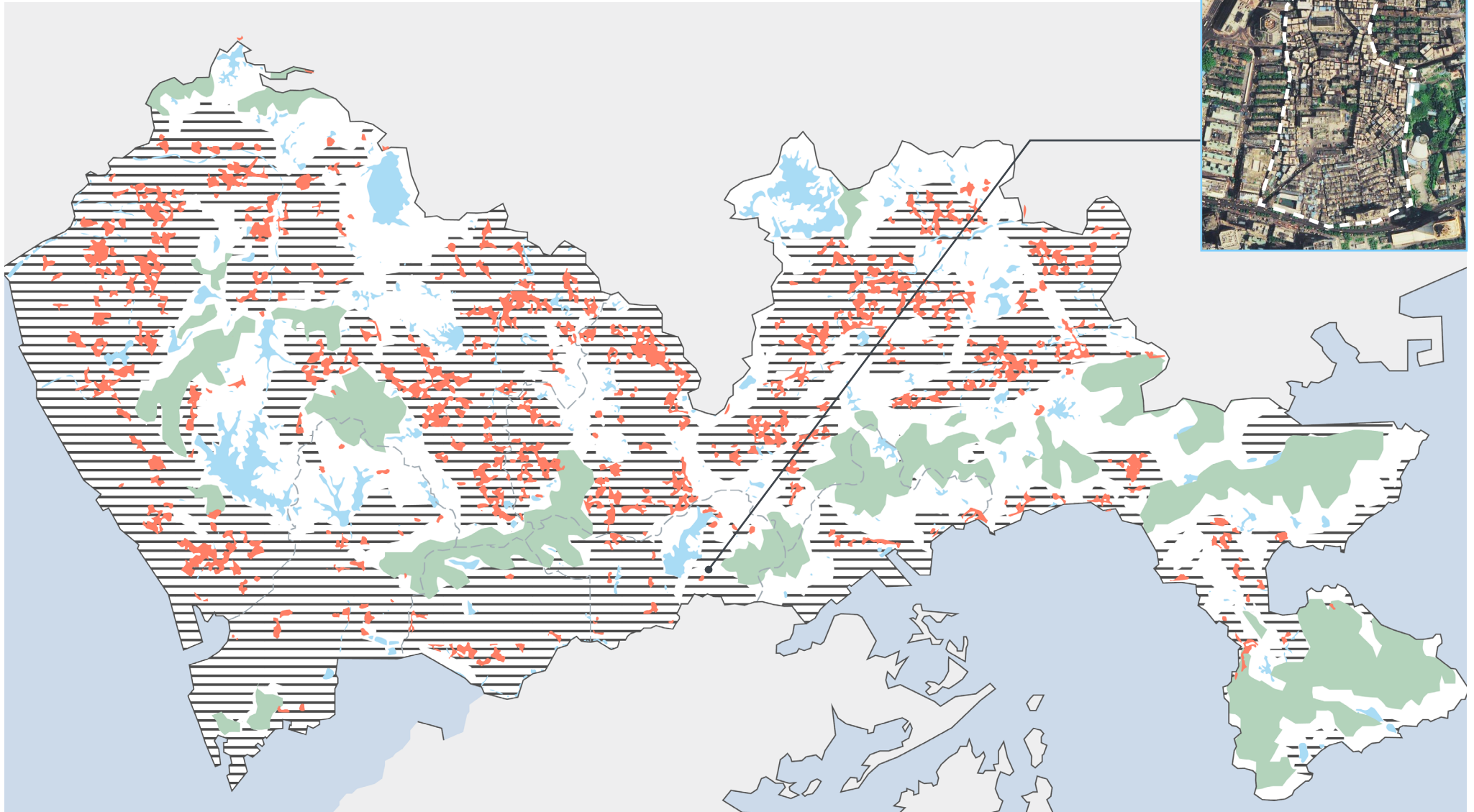


Altitude > 200m Water Built-up Area

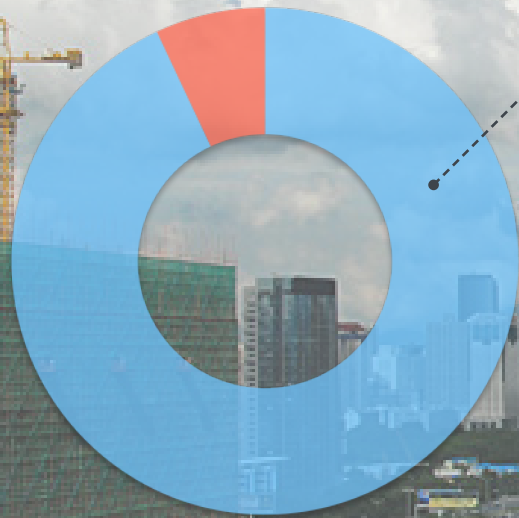
Urban Villages Distribution_



Urban Villages Distribution_

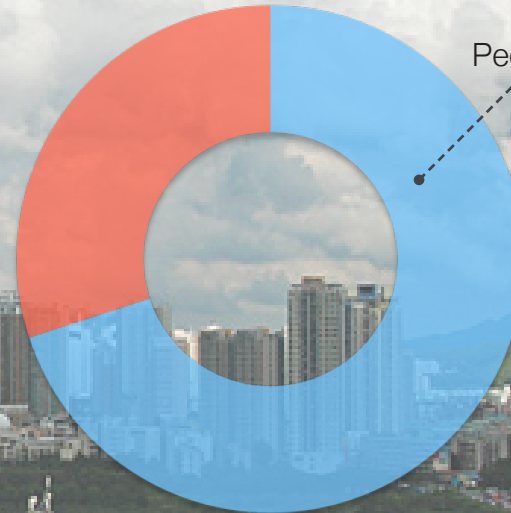


In 2007, there are **6.37 million** population---almost **70%** of total population, living in urban villages. **Floating population** accounts for **93%.**



Floating population

People living in urban villages



People living in urban villages

Total Population



Ignored?
or
Segregated?



Unaffordable...



[illegible]

1 Project Description

Context and Motivation

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Urban segregation in western context _



1970s
Post-Fordist
Economic
Restructuring;
Globalization

Decline of
manufactur-
ing;

Increase of
high-skilled
sectors

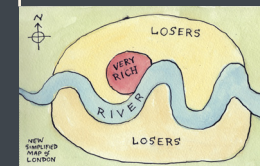
Emergence
of
urban poor

Inequity of
income and
occupation

social-spatial
segregation

Welfare state;

Social mix
policy



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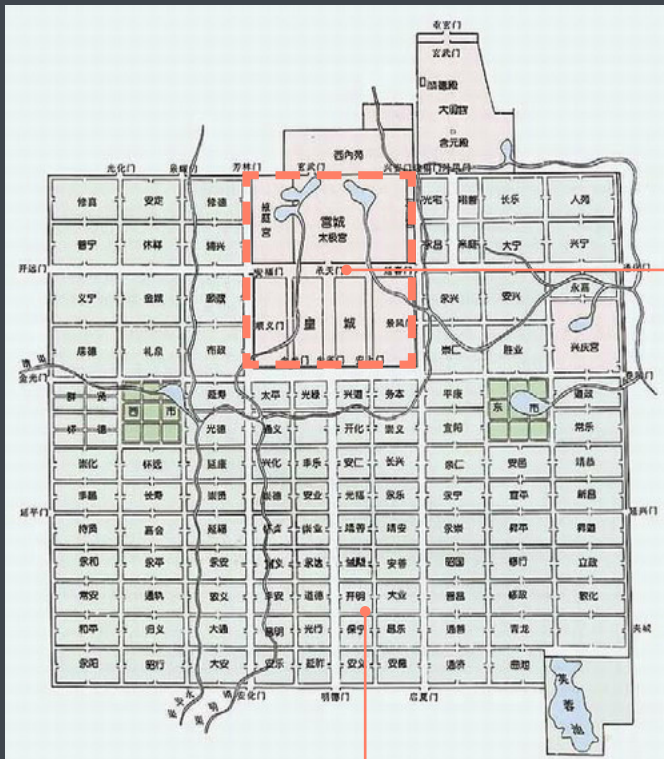
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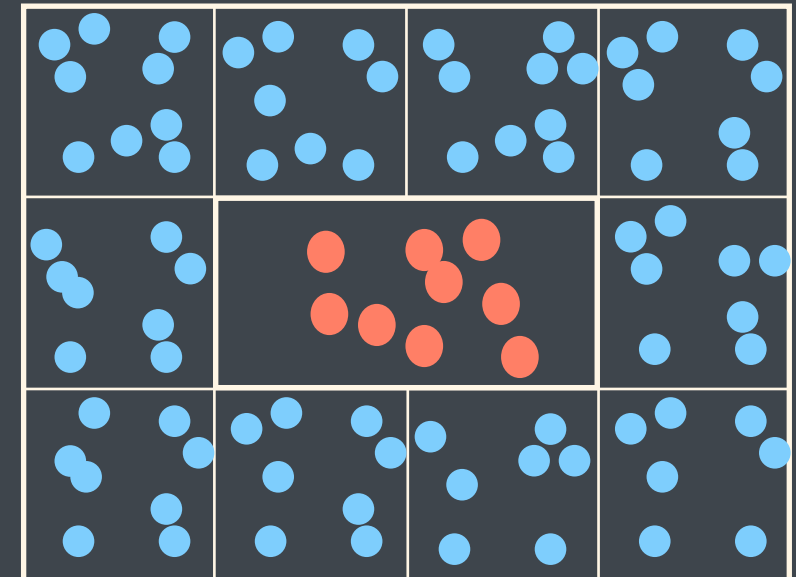
Problem Statement

Urban segregation in Chinese context before 1949



Imperial City

General Public



● Low-class
● Upper-class

1 Project Description

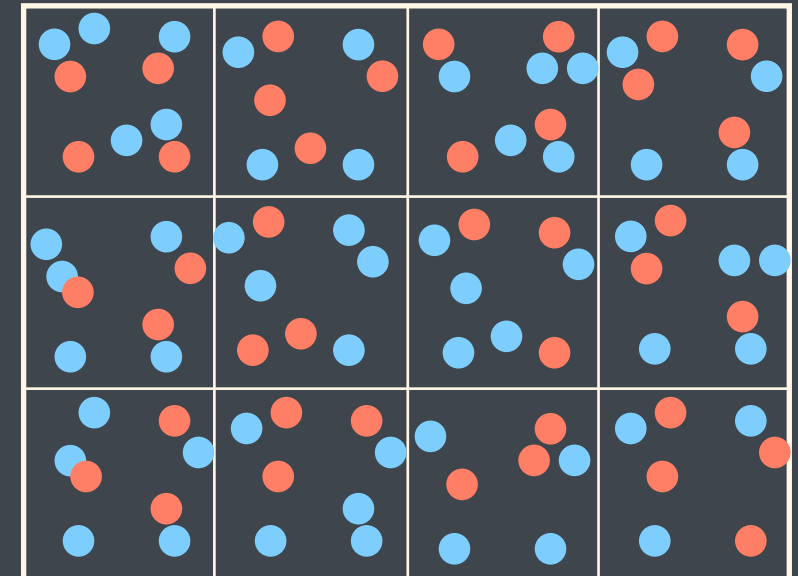
Context and Motivation

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Urban segregation in Chinese context _1949-1978



● Low-class
● Upper-class

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Urban segregation in Chinese context _1978-now



● Low-class
● Upper-class

1 Project Description

Context and Motivation

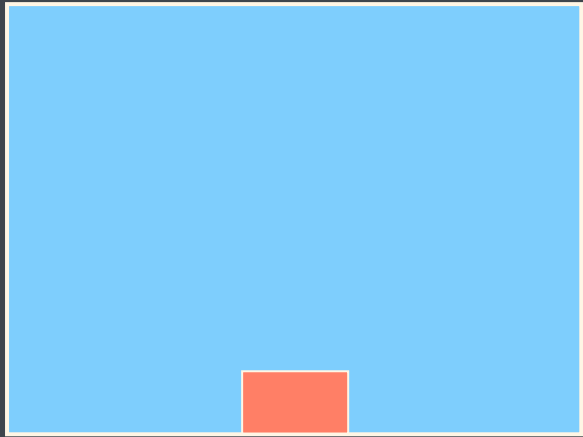
Relevance

Problem Diagnosis

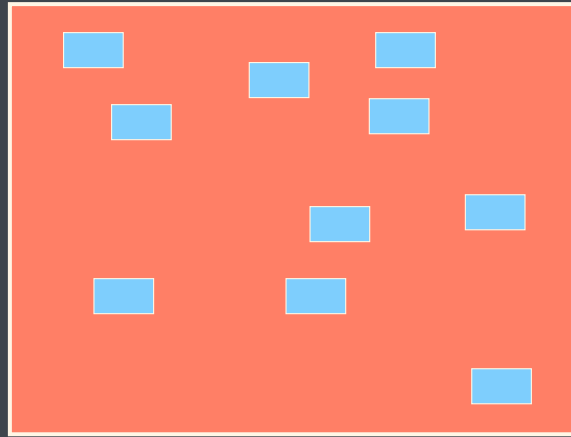
Problem Statement

Urban segregation in Shenzhen context _

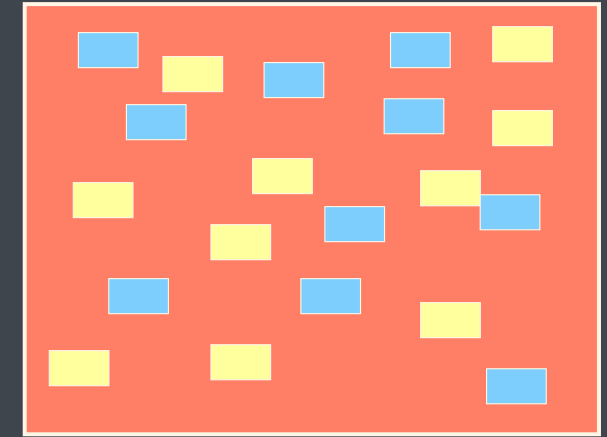
-Rapid transformation






Pre 1979



1980~1987



After 1987

-  rural land/urban village
-  work-unit housing
-  commodity housing



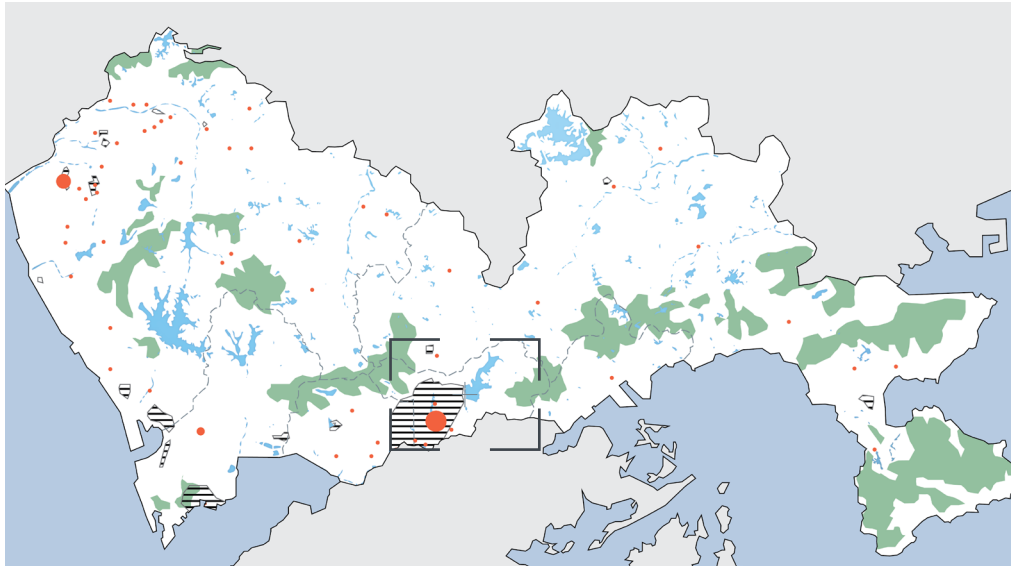
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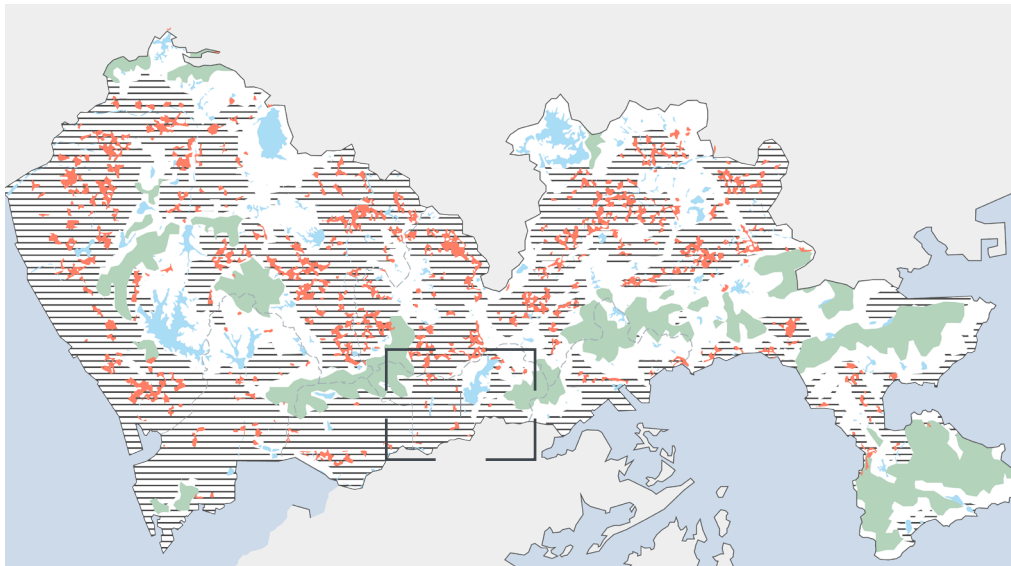
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Original settlement of Shenzhen

Dynamic Area---Luohu



Urban village distribution



Density map of Shenzhen(2011)

1 Project Description

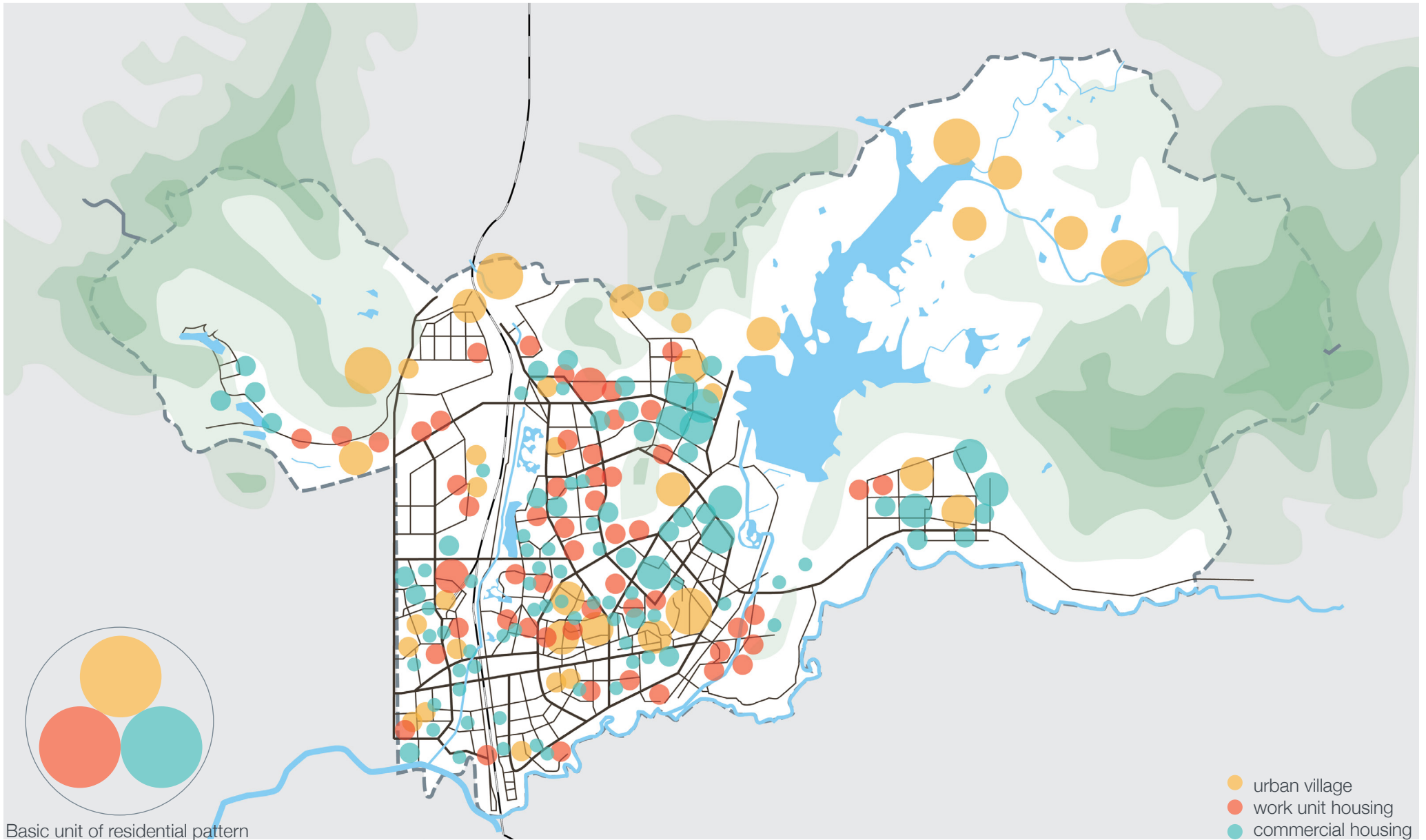
Context and Motivation

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Three residential patterns in Luohu_



1 Project Description

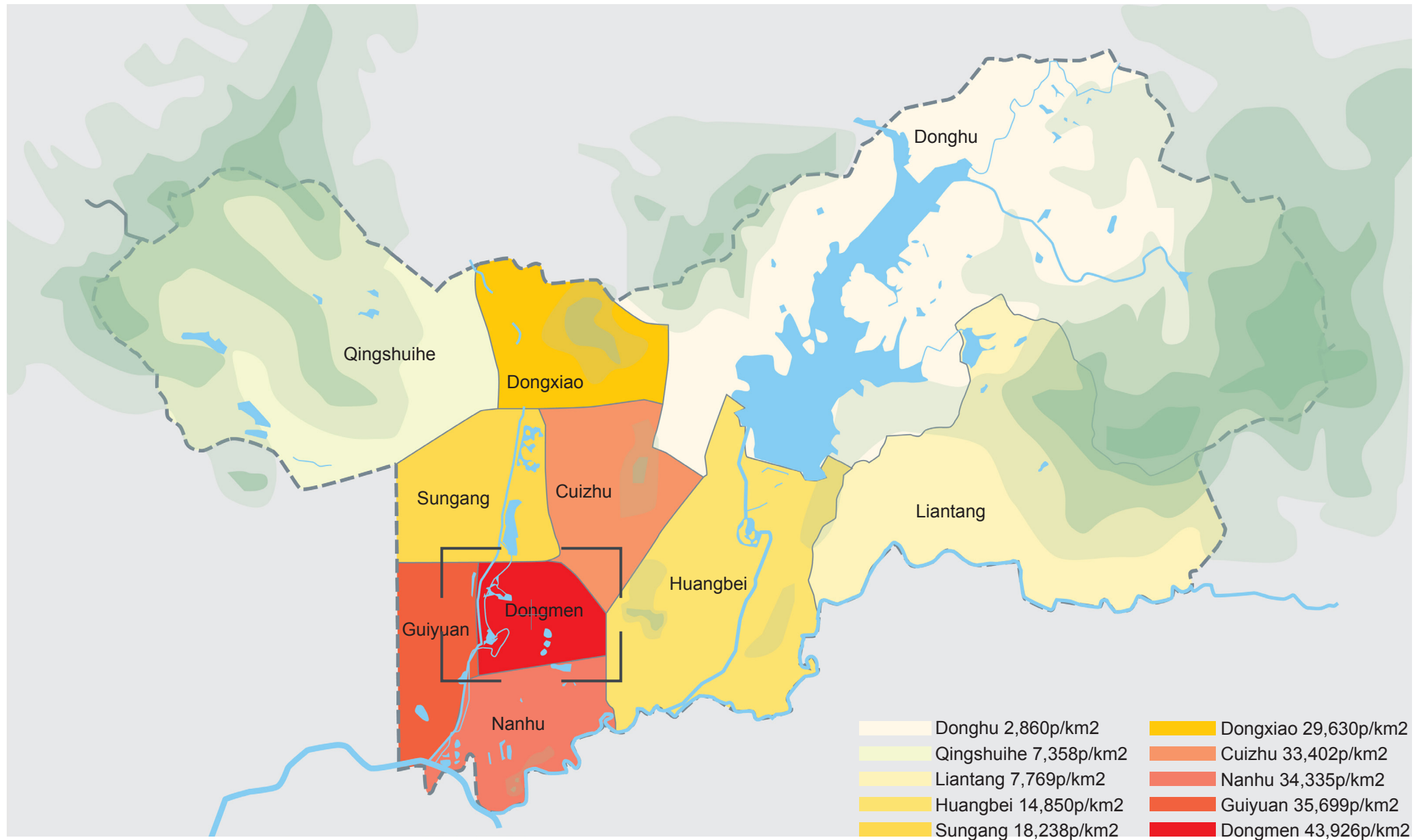
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Density map of Luohu (2010)_



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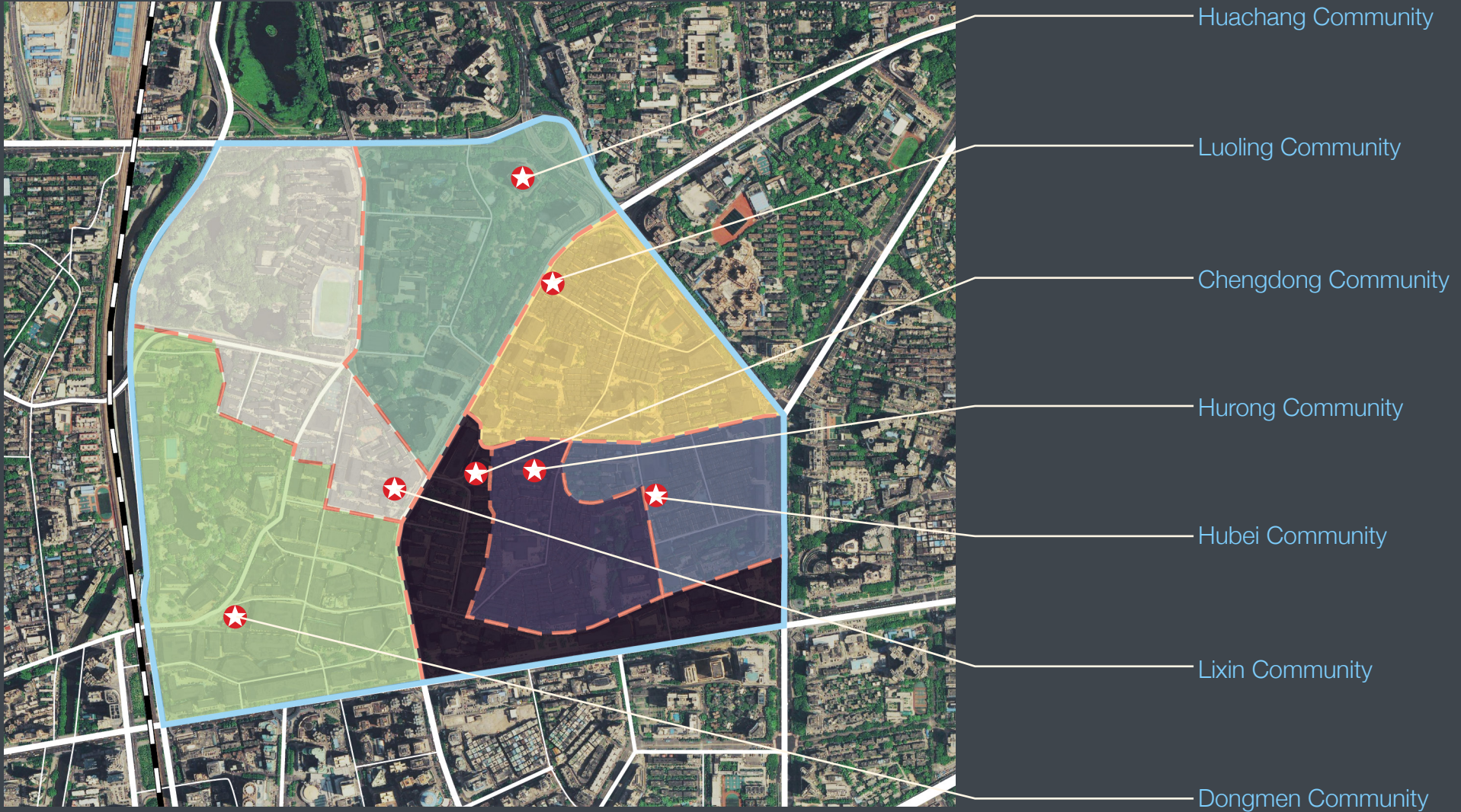
Context and Motivation

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Site Area_



1 Project Description

Context and Motivation

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Site Area_social boundary_rent_



1 Project Description

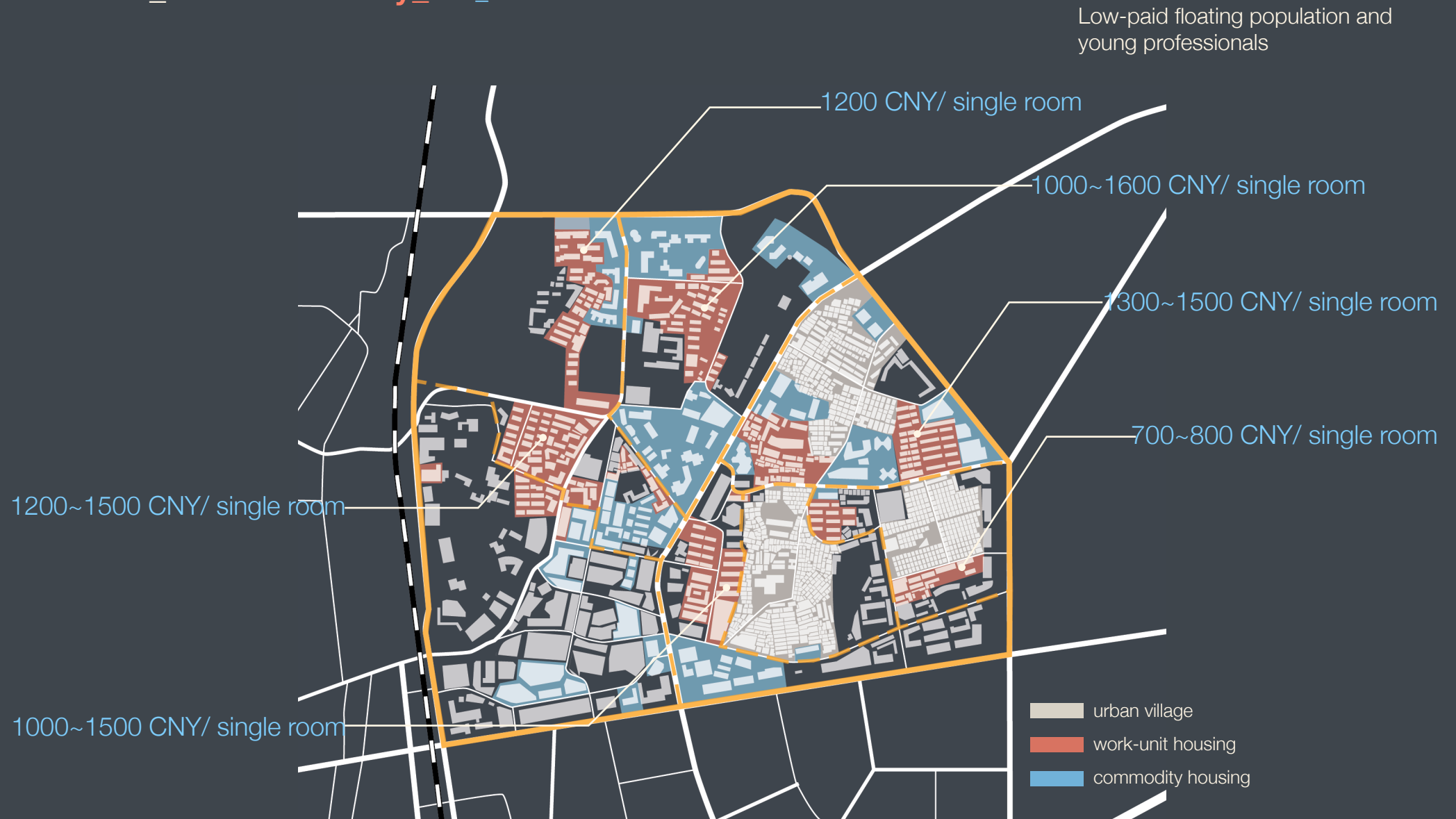
Context and Motivation

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Site Area_social boundary_rent_



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Context and Motivation

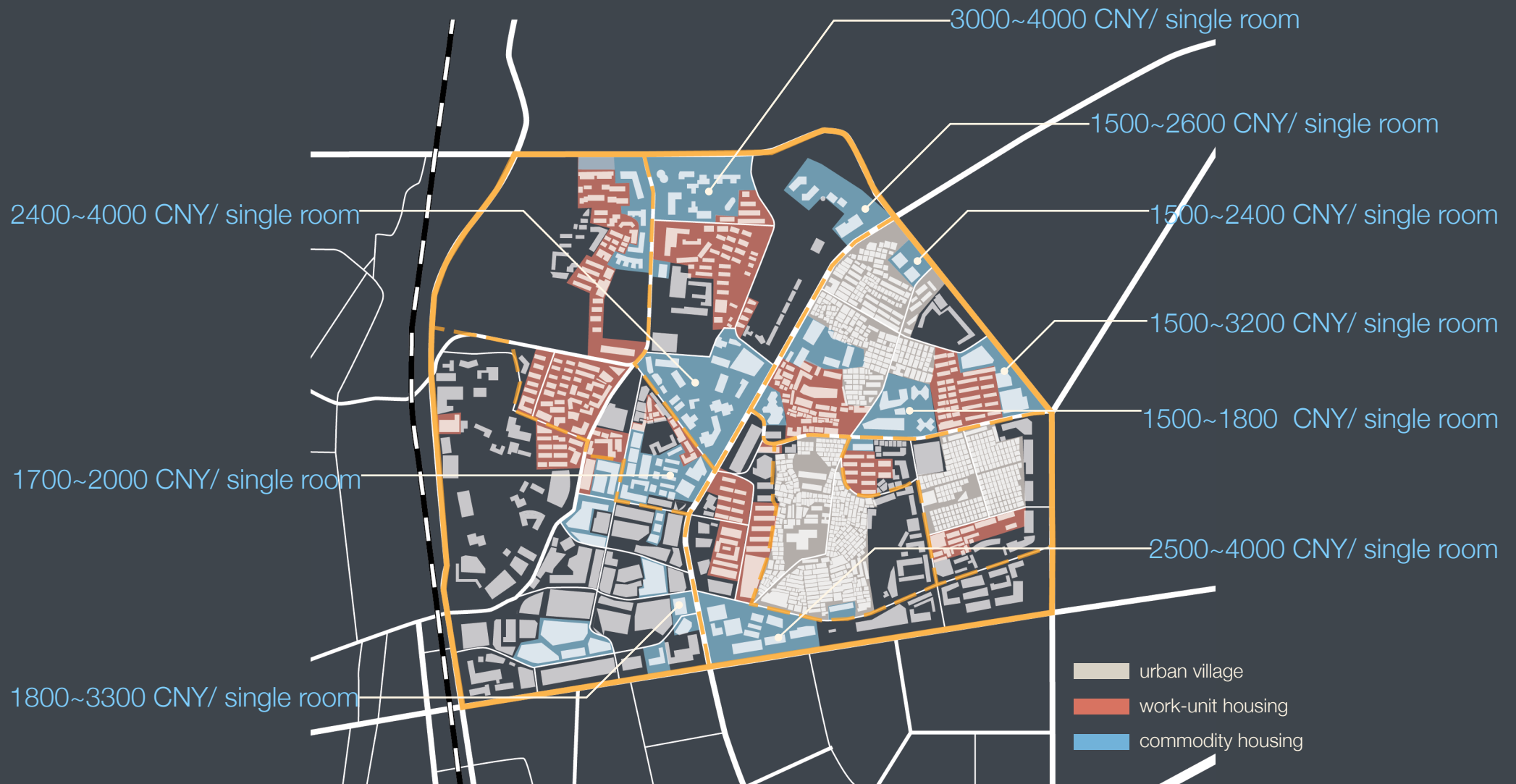
Relevance

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Site Area_social boundary_rent_

Upper class



1 Project Description

Context and Motivation

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Site Area_social boundary_rent_

Different social groups



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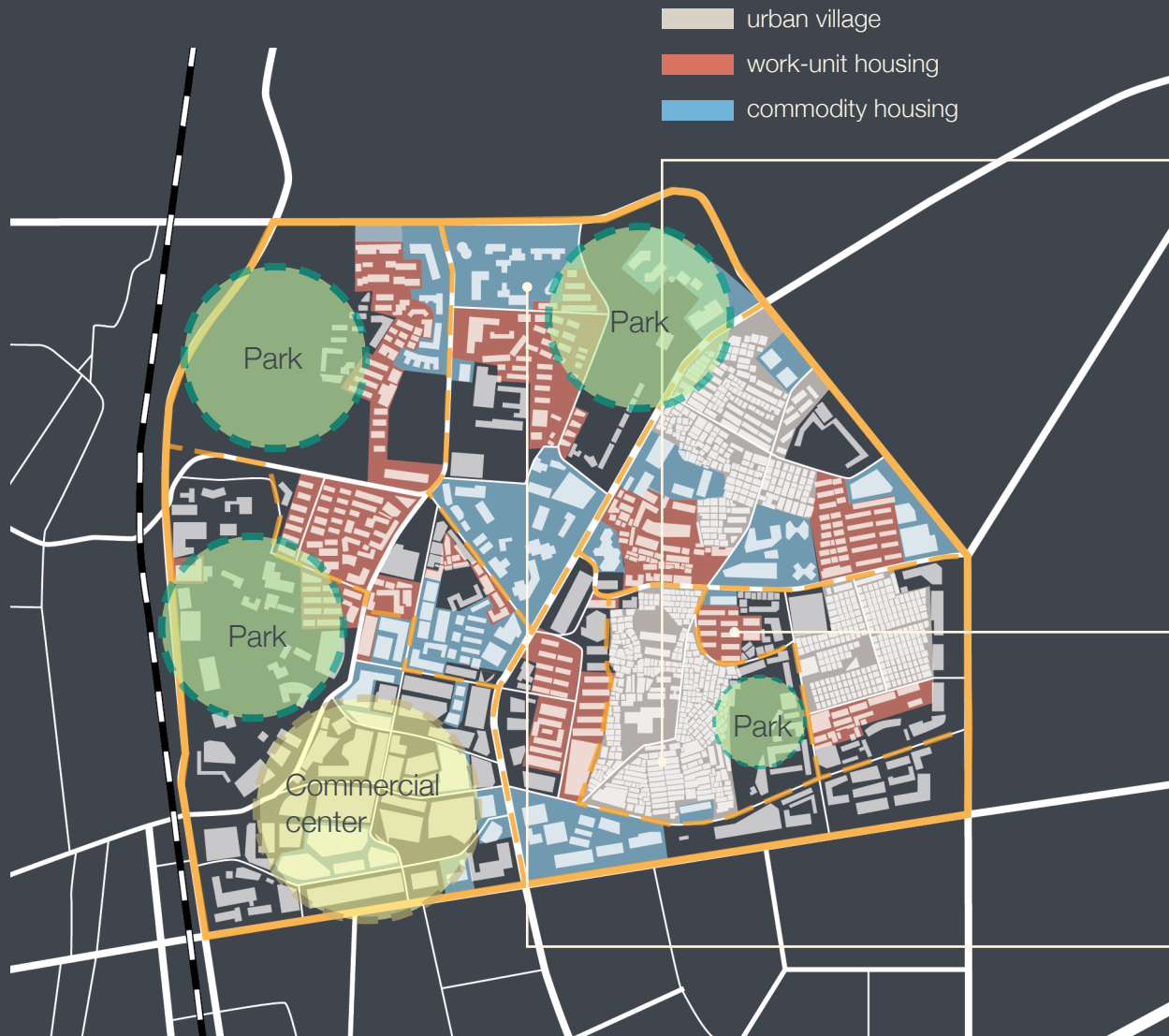
Context and Motivation

Relevance

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Site Area_governance boundary_

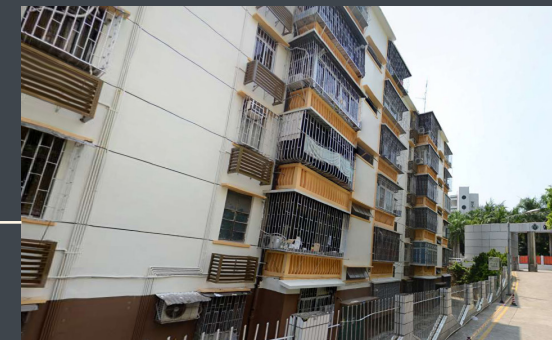


Urban villages

Village-based institution

Self-governance

Work-unit housing



Private property management companies

Commodity housing



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Site Area_physical boundary_huachang community_



Walls and security guards

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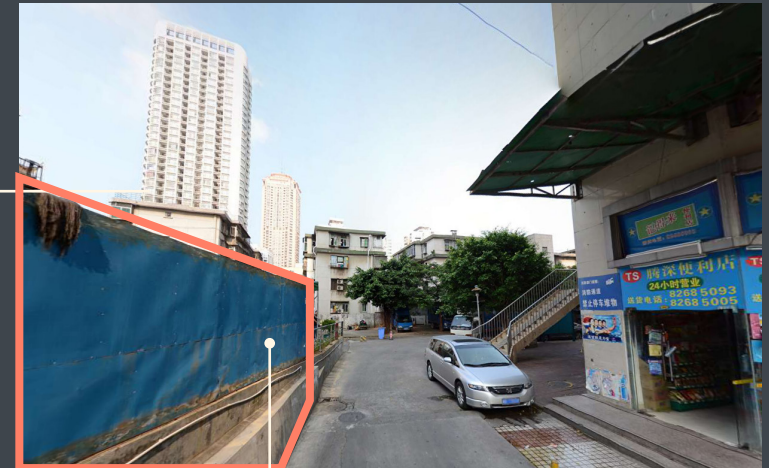
Context and Motivation

Relevance

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Site Area_physical boundary_luoling community_



Walls

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Context and Motivation

Relevance

Problem Diagnosis

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Site Area_physical boundary_hubei community_



Walls

1 Project Description

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Site Area_**physical boundary**_hurong community_



Narrow road

1 Project Description

Context and Motivation

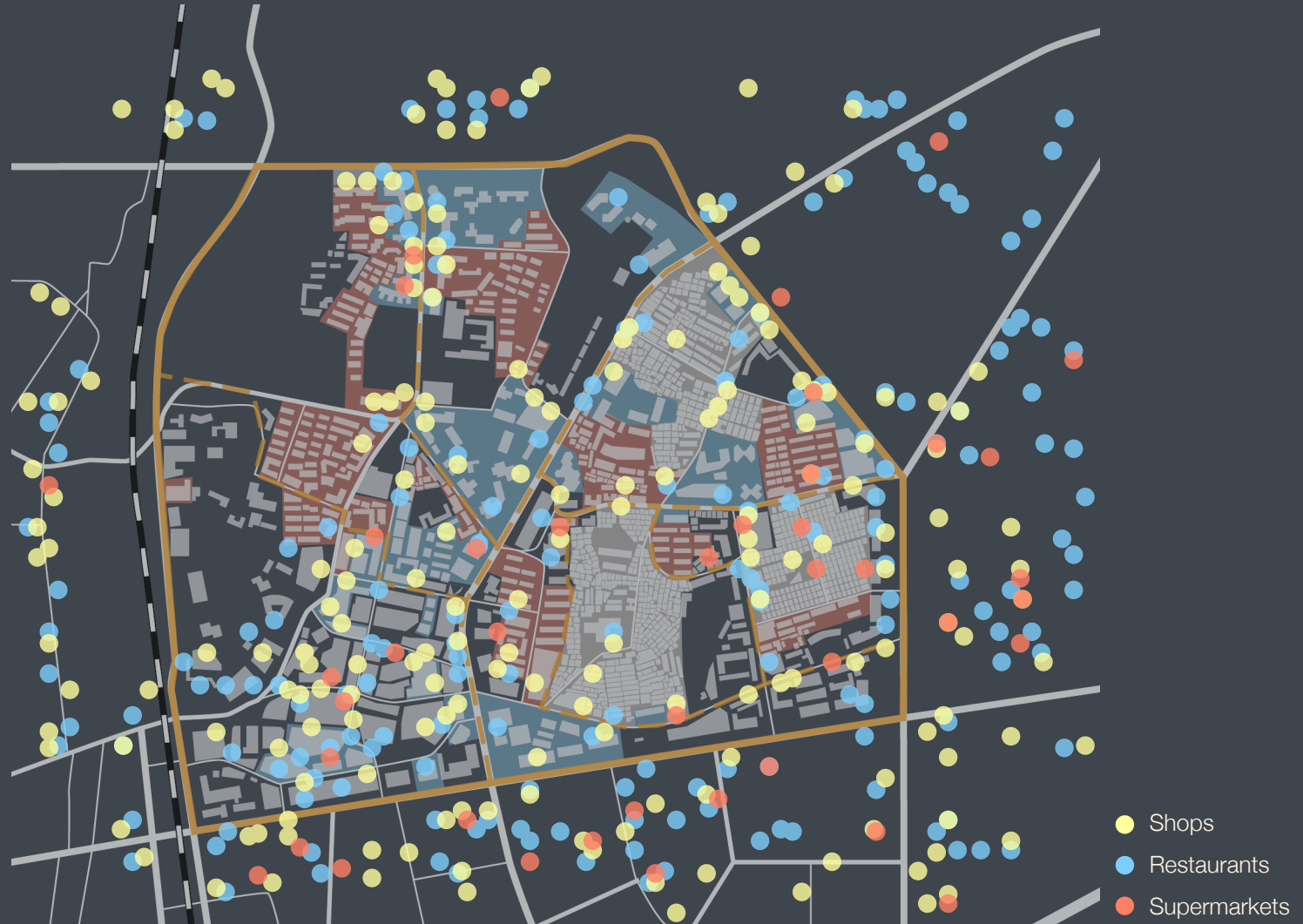
Relevance

Problem Diagnosis

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Site Area_functional boundary_

Basic public service distribution



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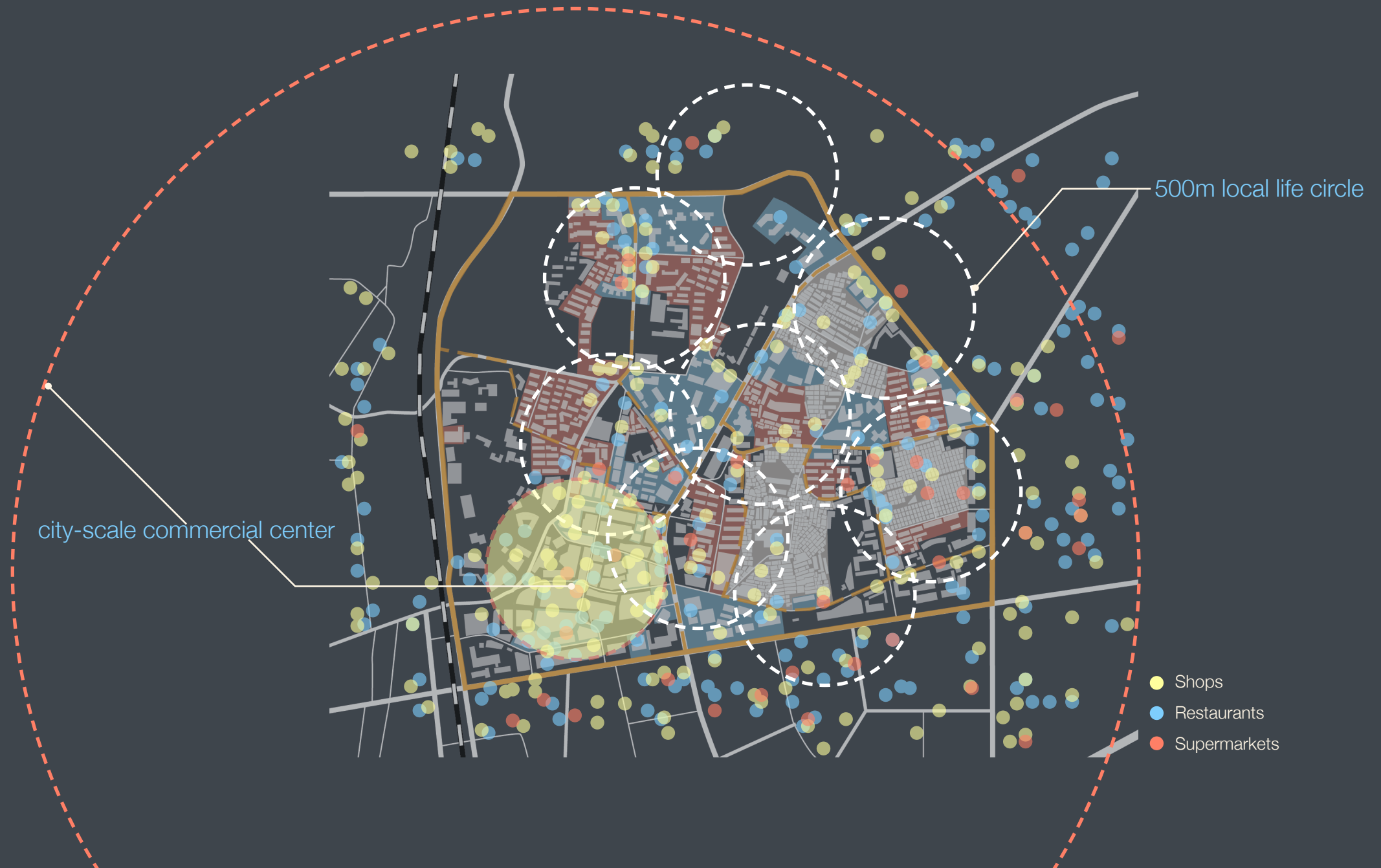
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Relevance

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Site Area_functional boundary_



1 Project Description

Context and Motivation

Relevance

Problem Diagnosis

Problem Statement

Site Area_functional boundary_



Informal market inside urban villages



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Site Area_**functional boundary**_



Public space inside gated communities



Problem Definition_

Within the context of Shenzhen, there are mainly three **different types of housing**: urban villages, work-unit housing and commodity housing. Each of these housing types is occupied by **different social groups** depending on their economic position. Those who live in urban villages and degrading work-unit housing are **underclass** in the society, and gradually being **segregated** both **socially** and **spatially**.

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Problem statement_



Unequal access to basic public services;
Prejudice,
discrimination
incomplete participation in society
... ..

What's the future for them?



Demands for social-spatial integration

Trends



Unaffordable housing for under-class



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Research question for theoretical framework_

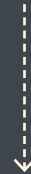
How to promote social-spatial integration

in order to achieve social cohesion

within social-spatial segregated context ?

Social cohesion, community and public space_

.....**Sense of community** is not limited to a geographical region.....the close proximity of neighbours provides unique opportunities for **social interaction** and support.....(Francis, Corti, Wood, 2012)



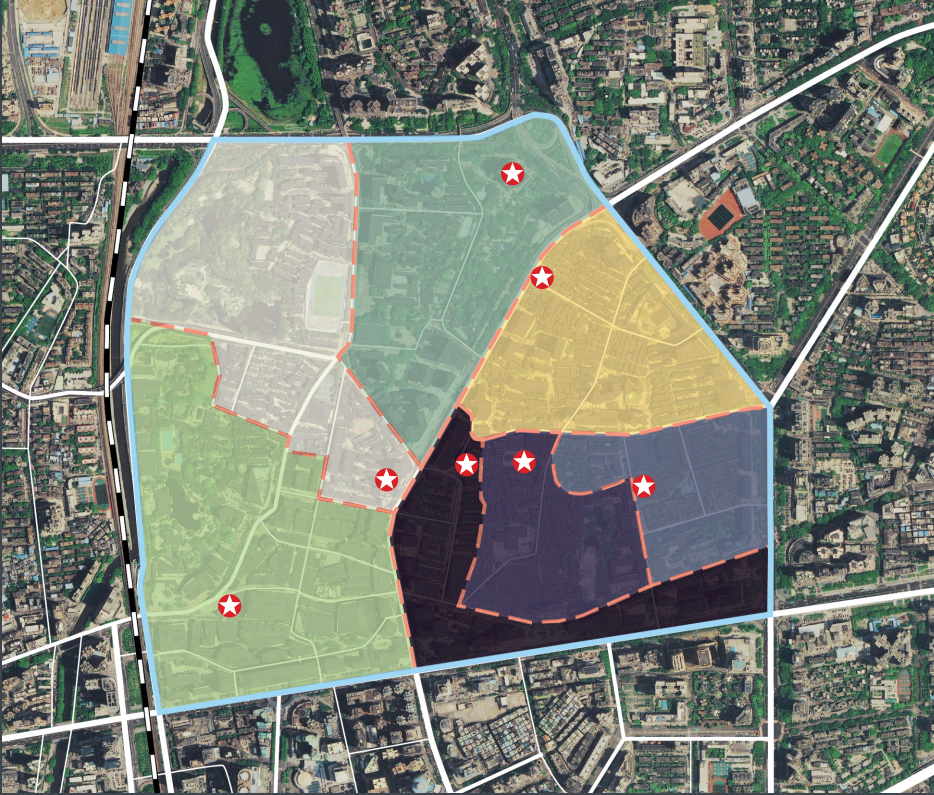
**Proper community building can promote
social interaction and cohesion**

The major roles of **public space** may be identified as recreation, exposure of **different residents** to one another, facilitation of **social cohesion** and intergenerational **interaction**... (R Sendi and B Golicnik Marušić, 2012).



Public space is an effective element to foster sense of community

Hypothesis_



Current 'Shequ' building



Proposal for new community building

involving different social groups

Suitable public space integration

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Formulate a comprehensive design principles of public space
based on community restructuring
to facilitate social-spatial integration for multiple social groups.

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How to promote **social-spatial integration**
through stimulation of **'public space'**
based on **community restructuring**
in the **segregated context** of Shenzhen?

- What's the current situation in site area in terms of 'Shequ' construction, public space, life circle etc?
- How to formulate a cohesive community based on current context? (basic principles, stakeholders involved, power distribution etc.)
- What's the role of public space inside a community? How to create sense of community through it? (design principles)

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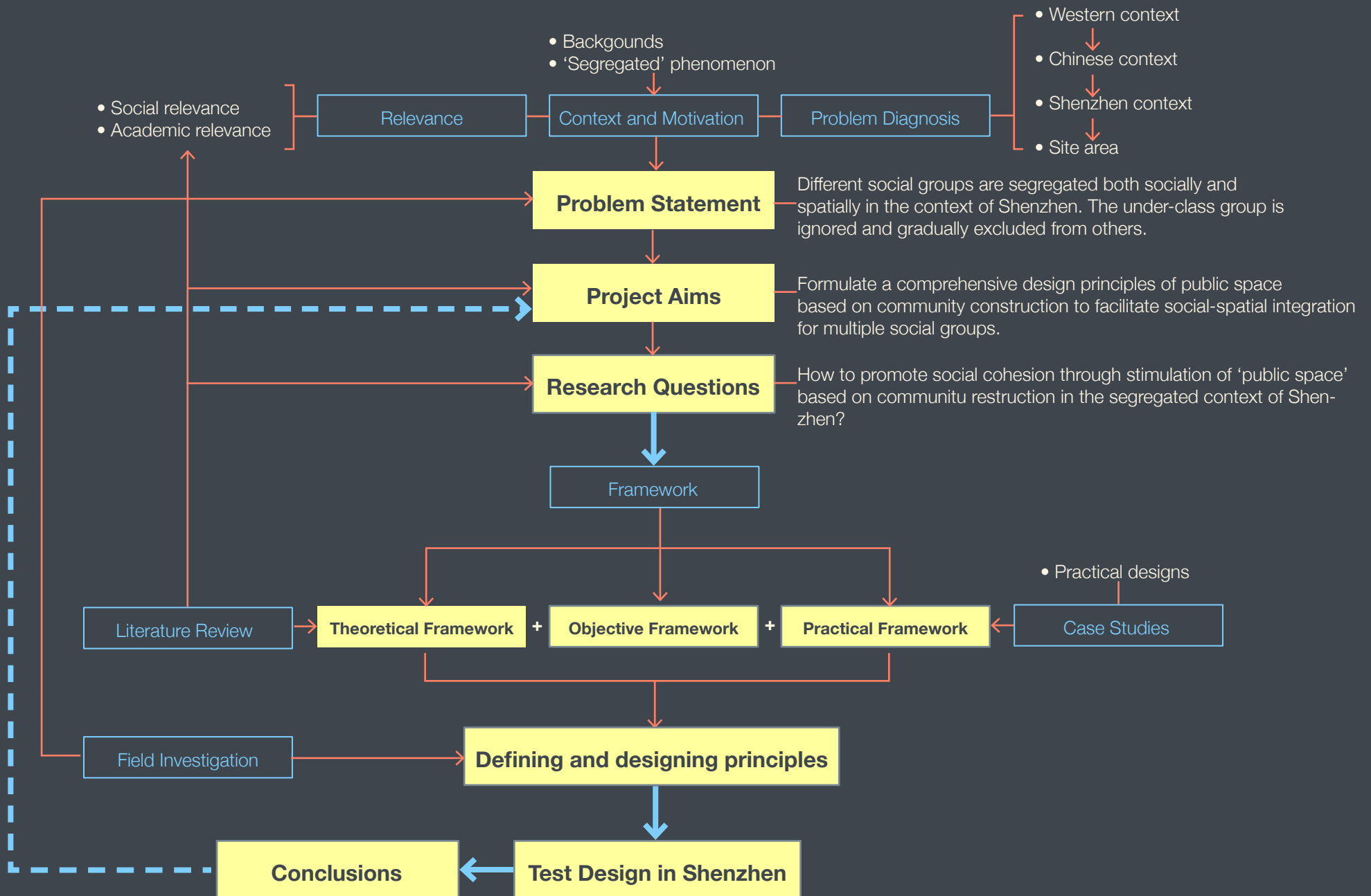
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5 Methodology



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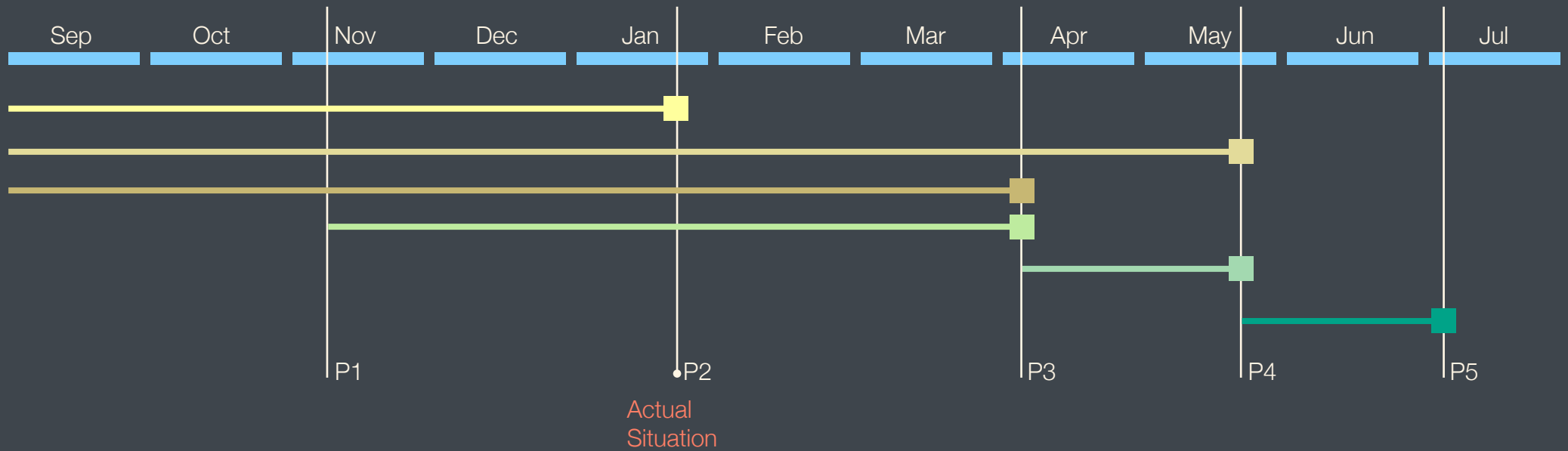
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6 Time Schedule



- Problem Description
- Theoretical Framework
- Objective Framework
- Practical Framework
- Design as Evaluation
- Conclusions

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Thank you

