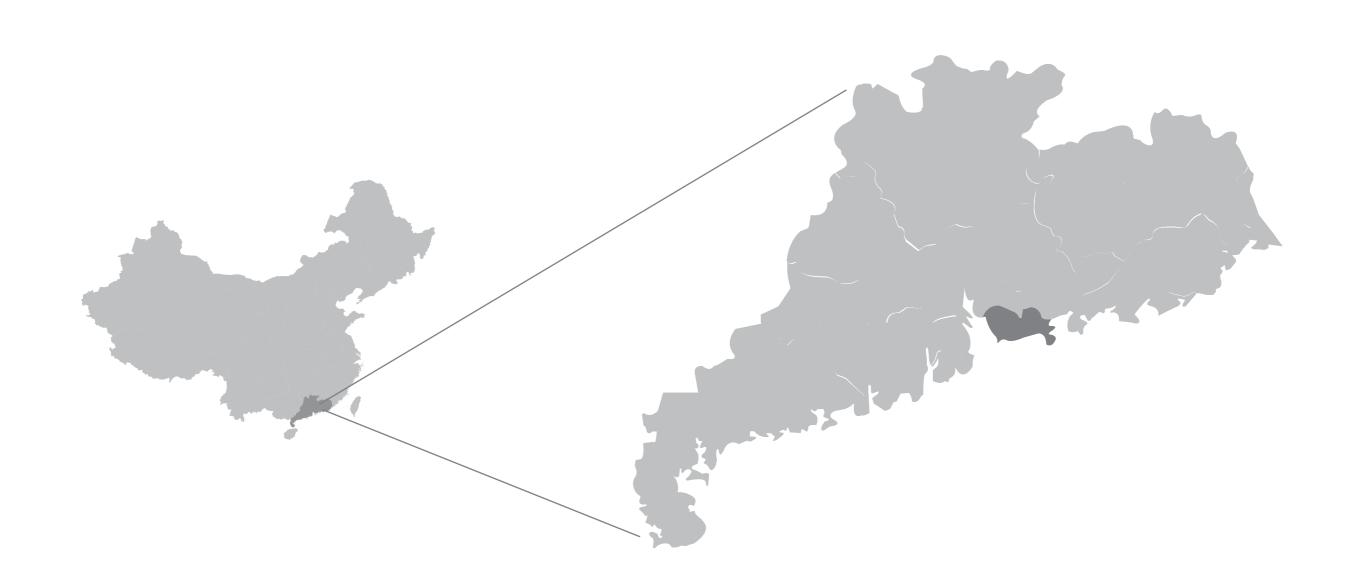


noitsubortal

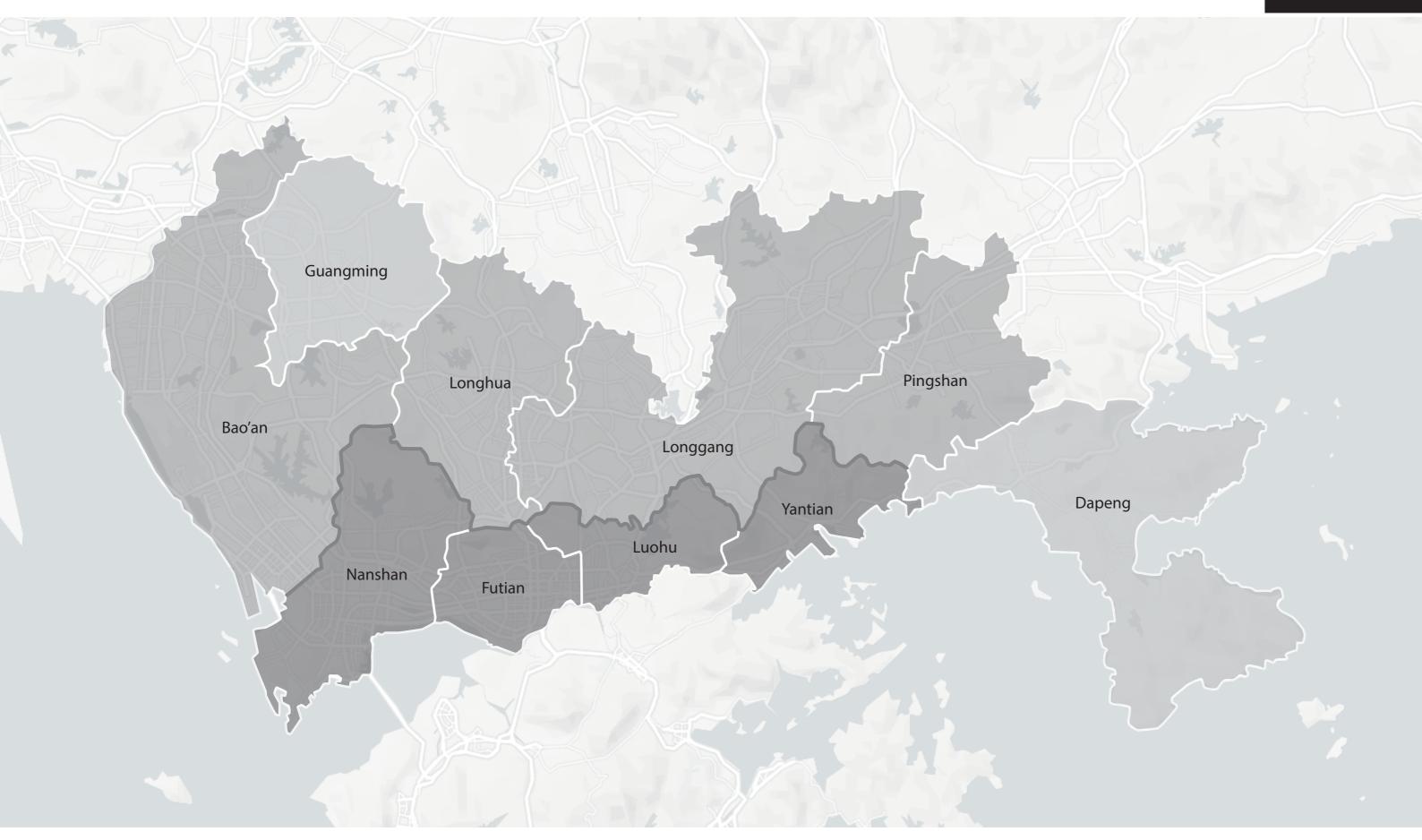
#### Location





Source: http://699pic.com/tupian/shetuwang.html

#### District















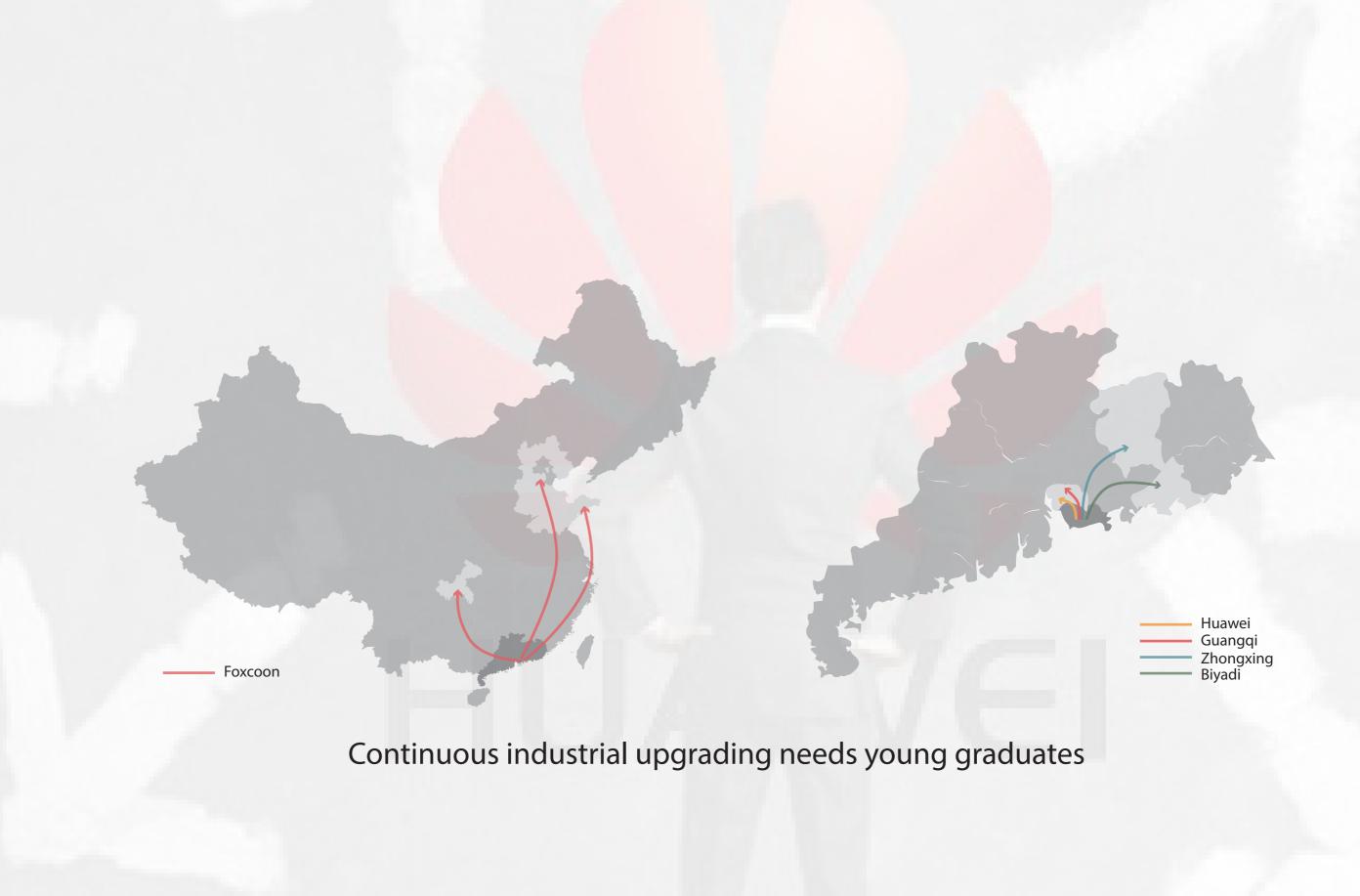




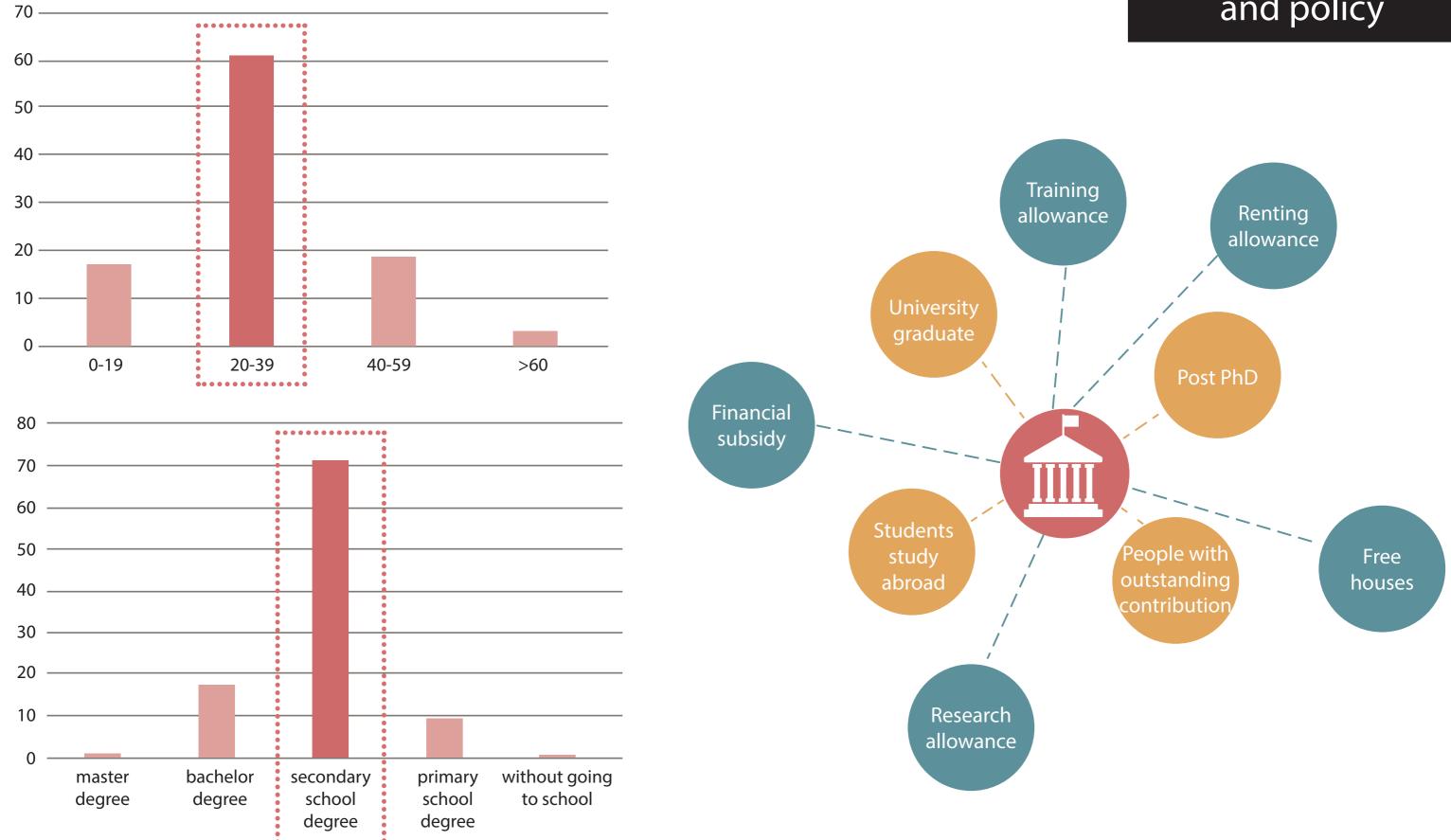
1994 Shenzhen masterplan 1996-2010

A new image of National Innovation city



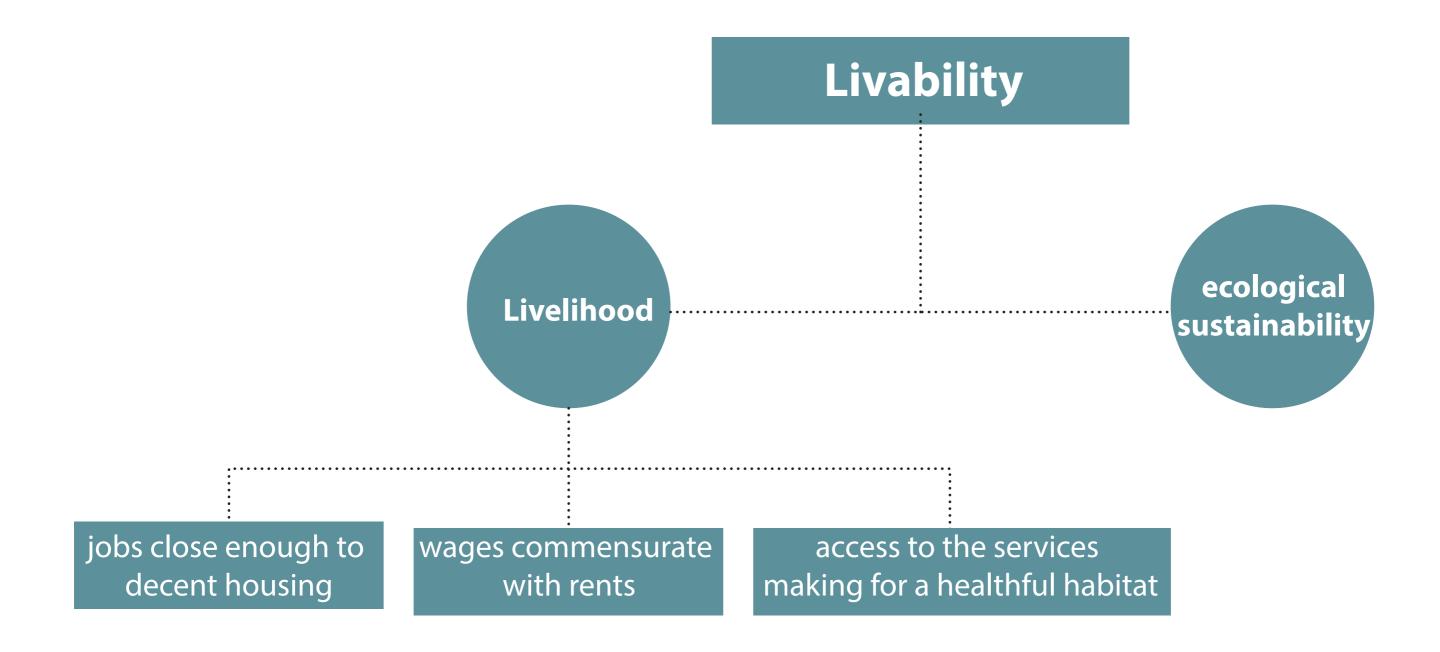


### Current population and policy



Young people with secondary school degree is dominant

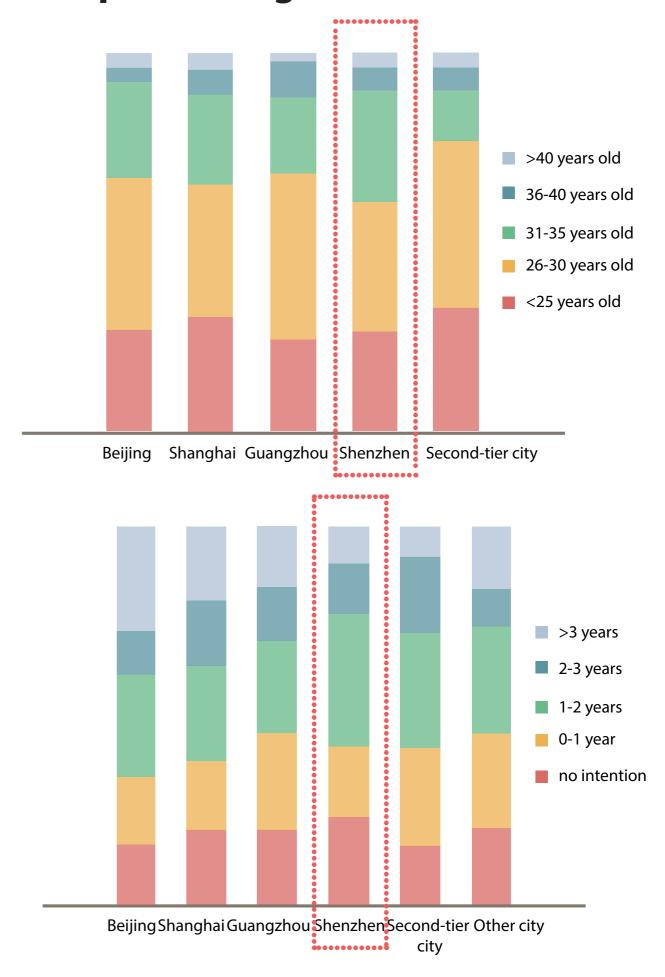
## Definition of livability

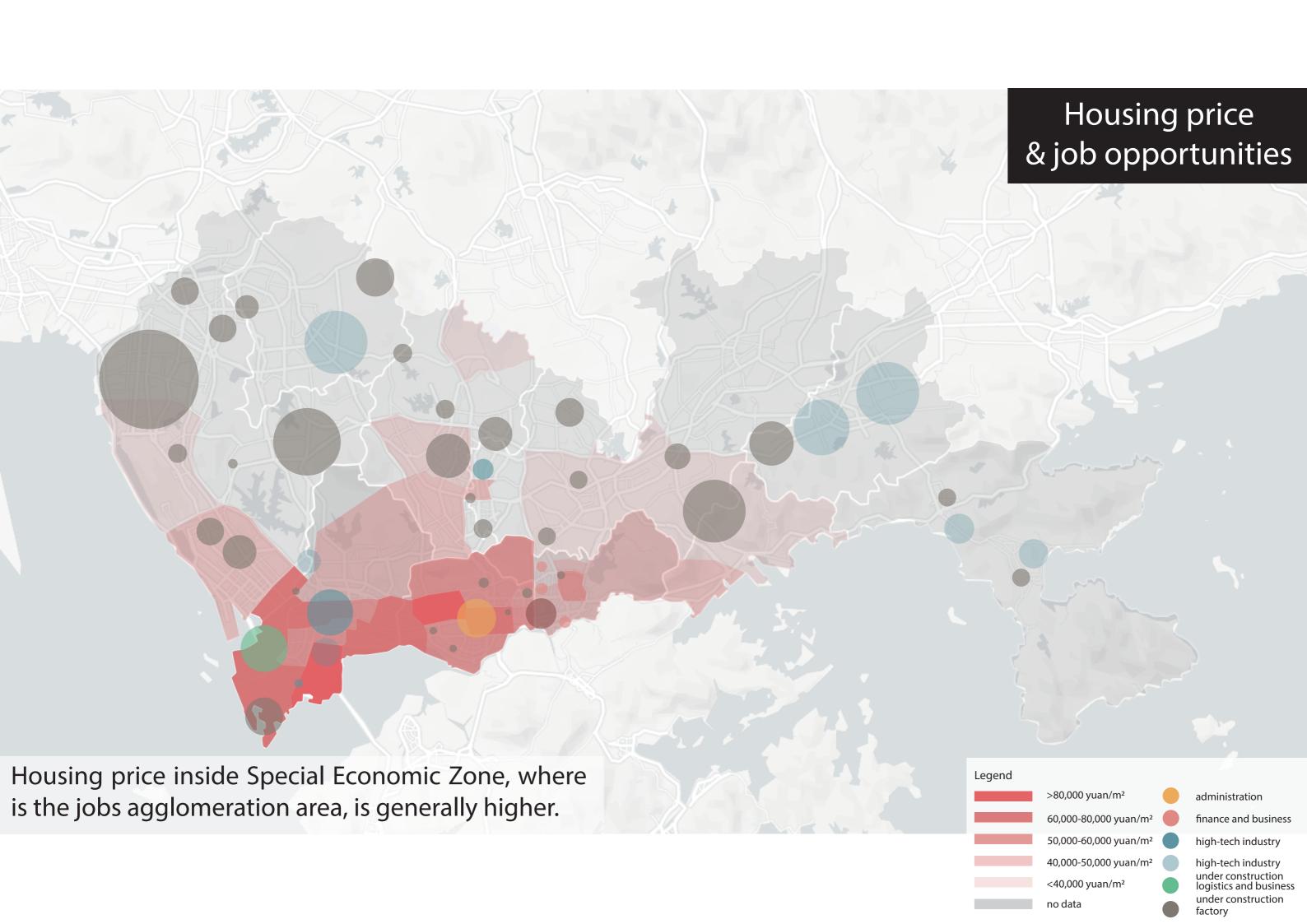


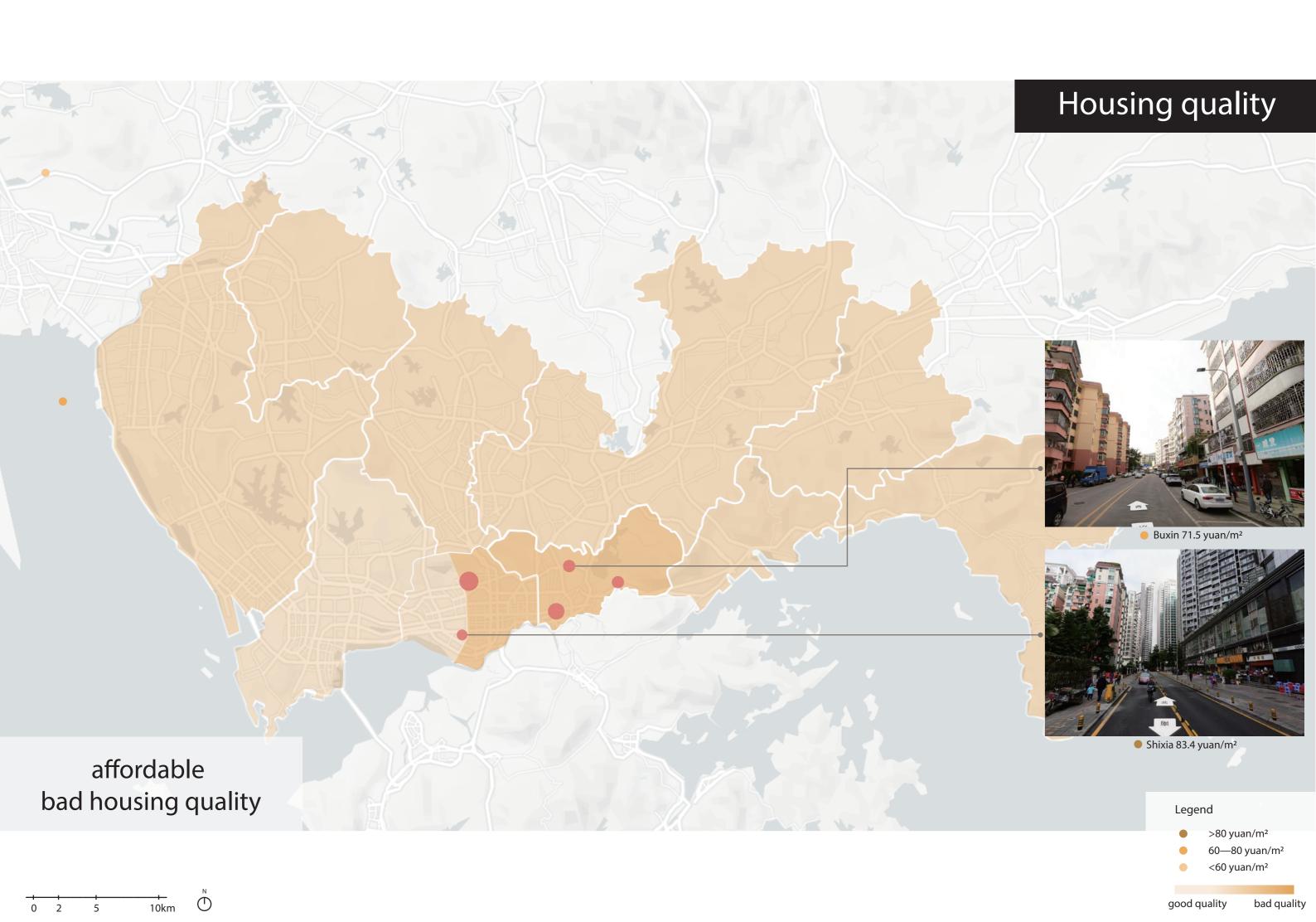
# already left 29% planning to leave

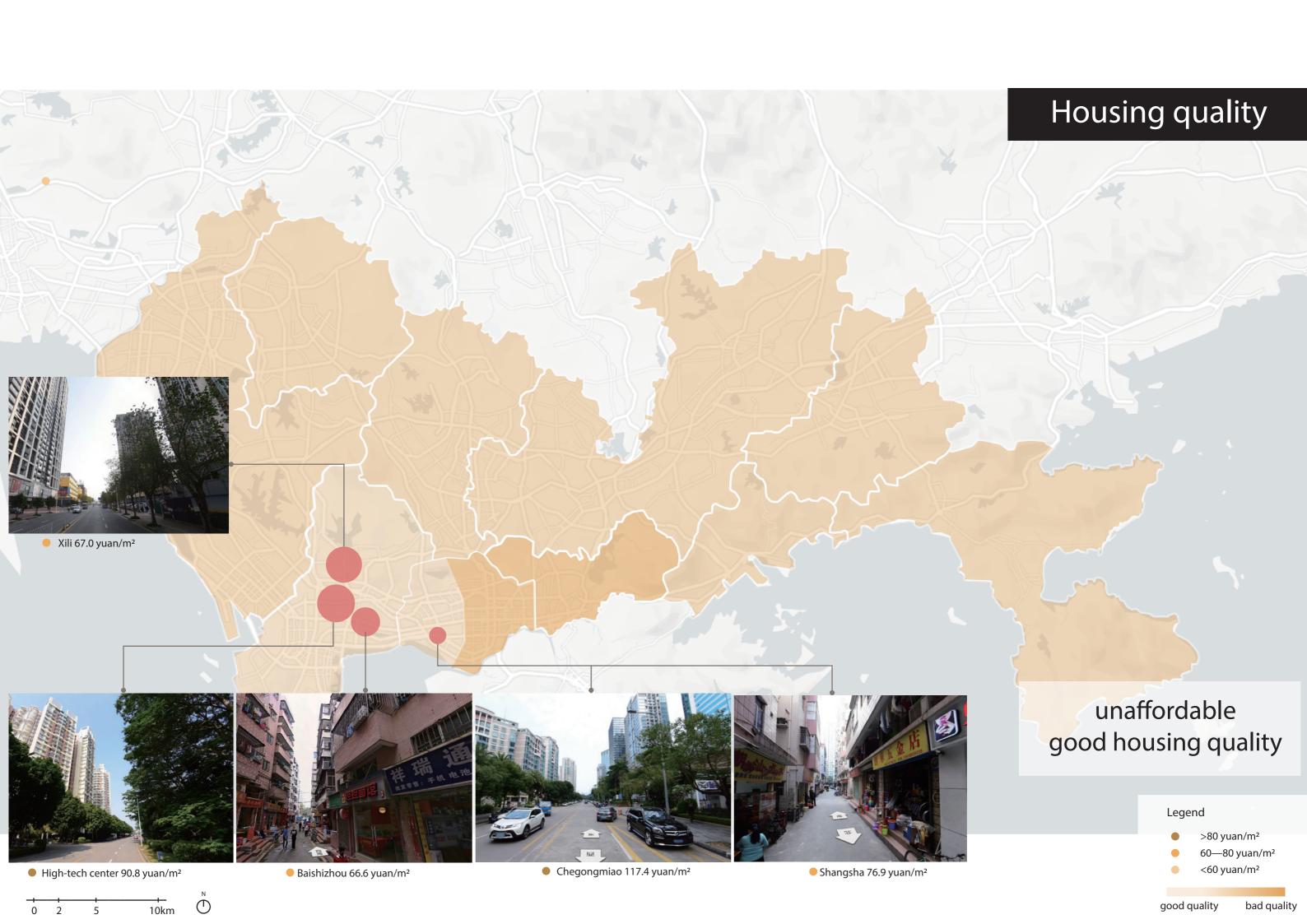
over **70%** of young people were planning or had already left mega cities, **64%** named **high housing prices** as their main reason for leaving

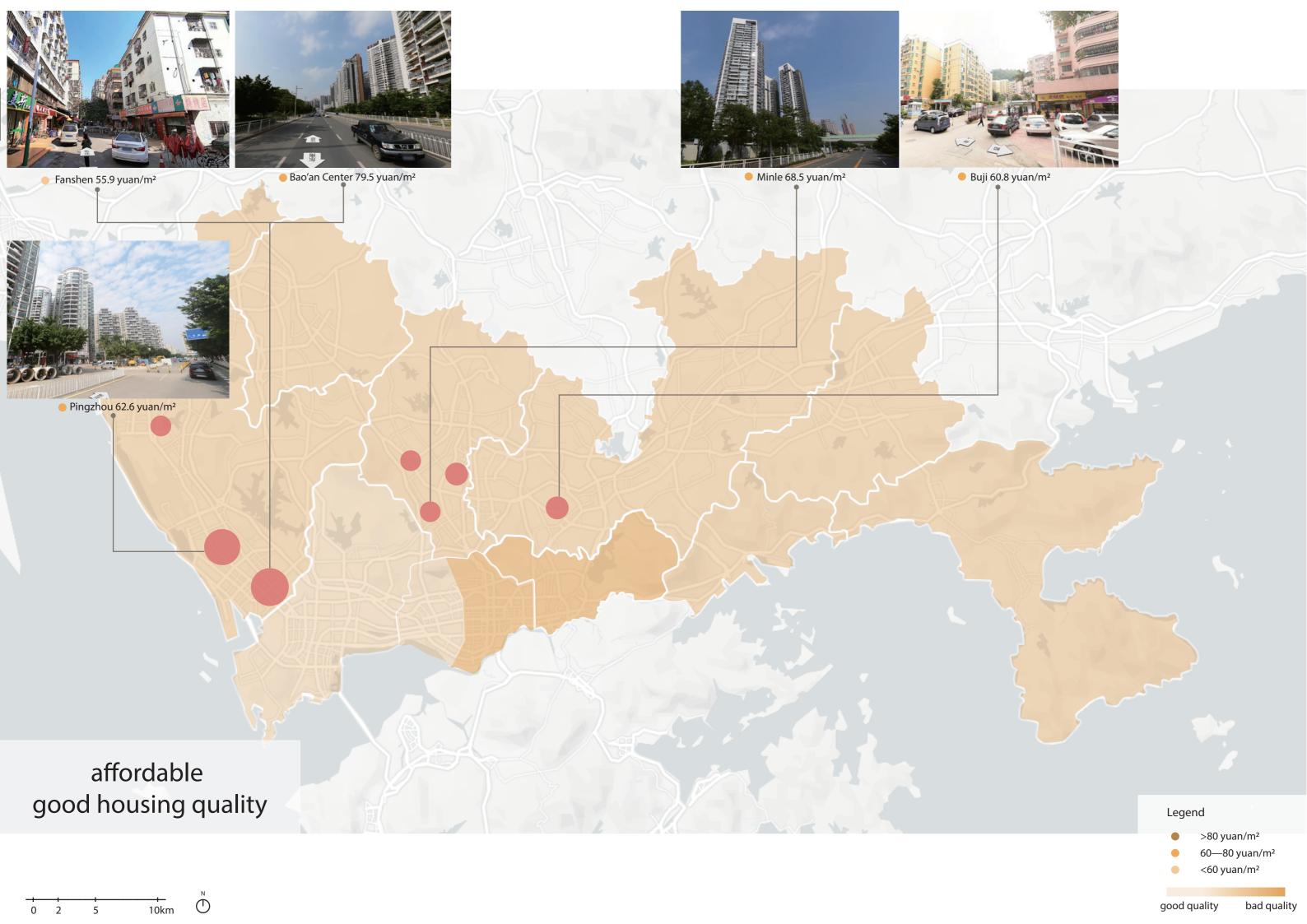
#### **Compare 4 mega cities in China**

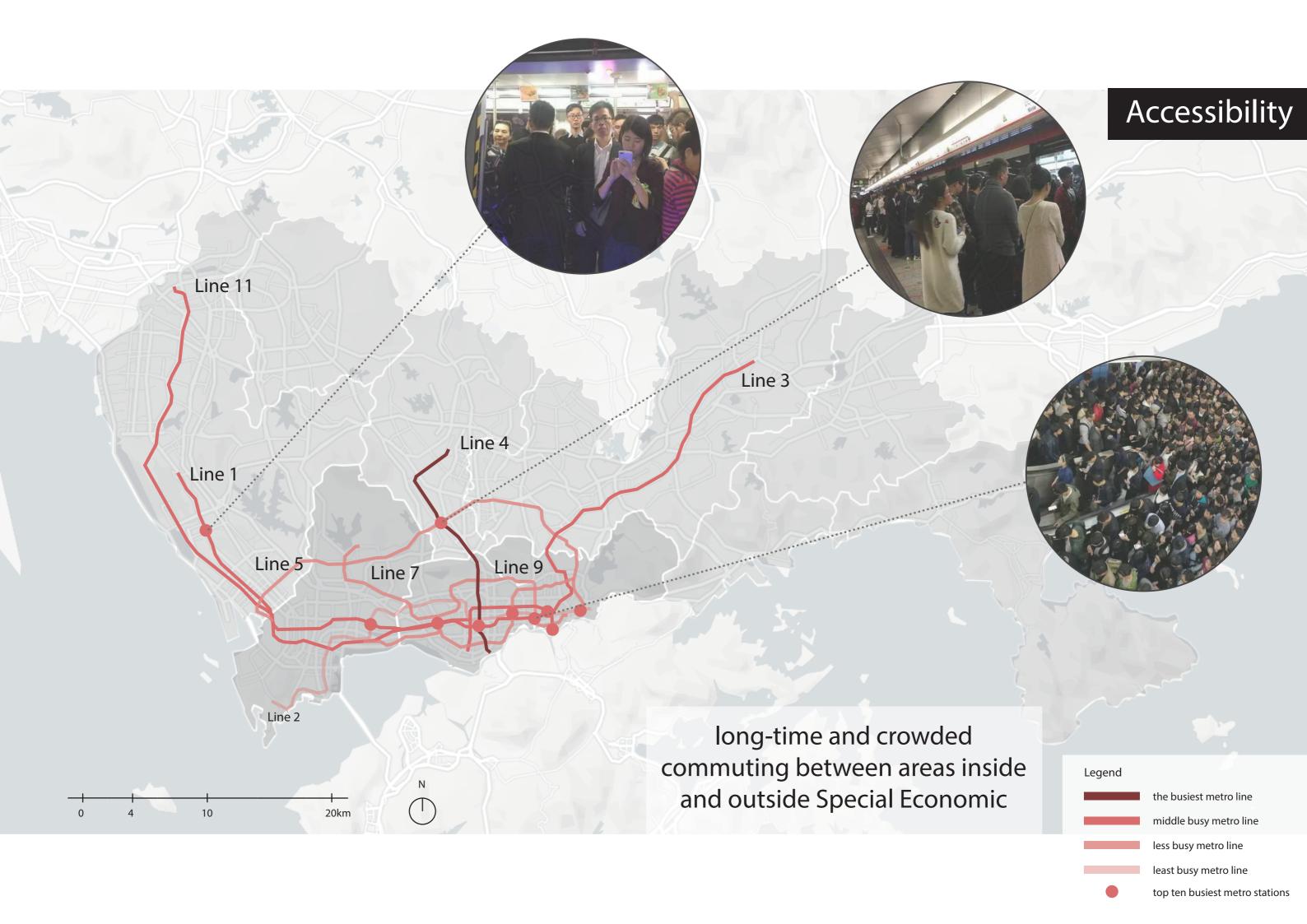


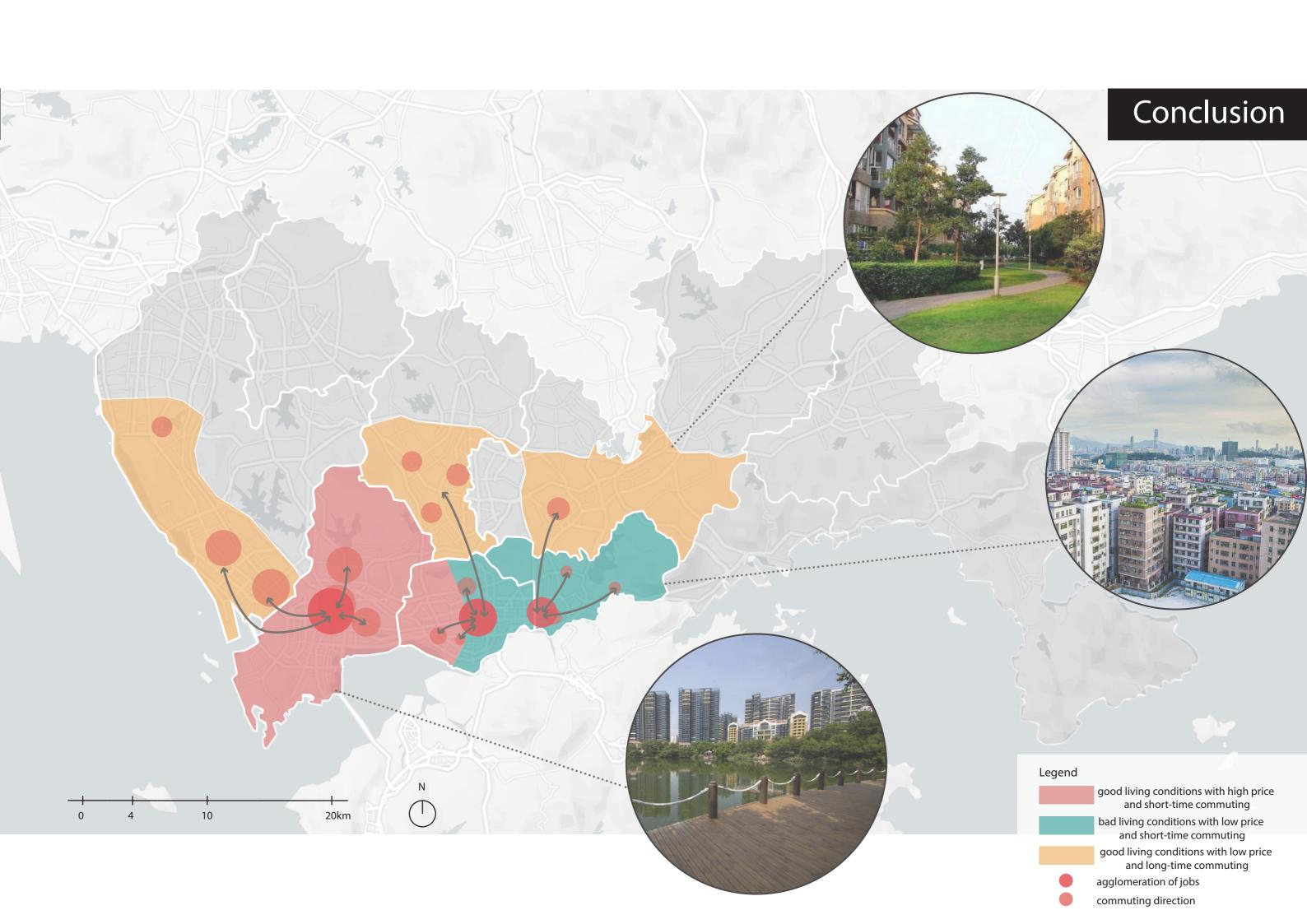


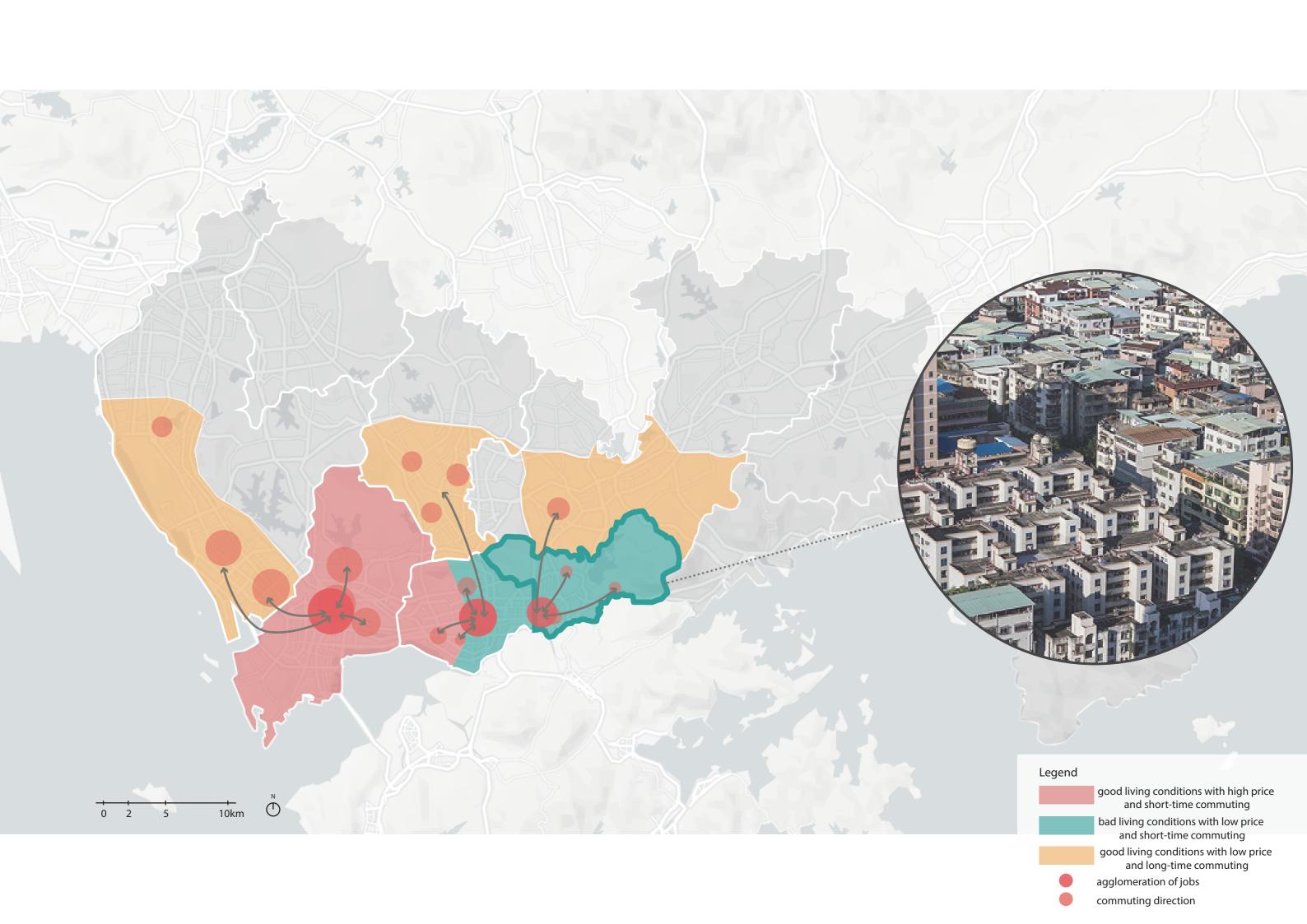






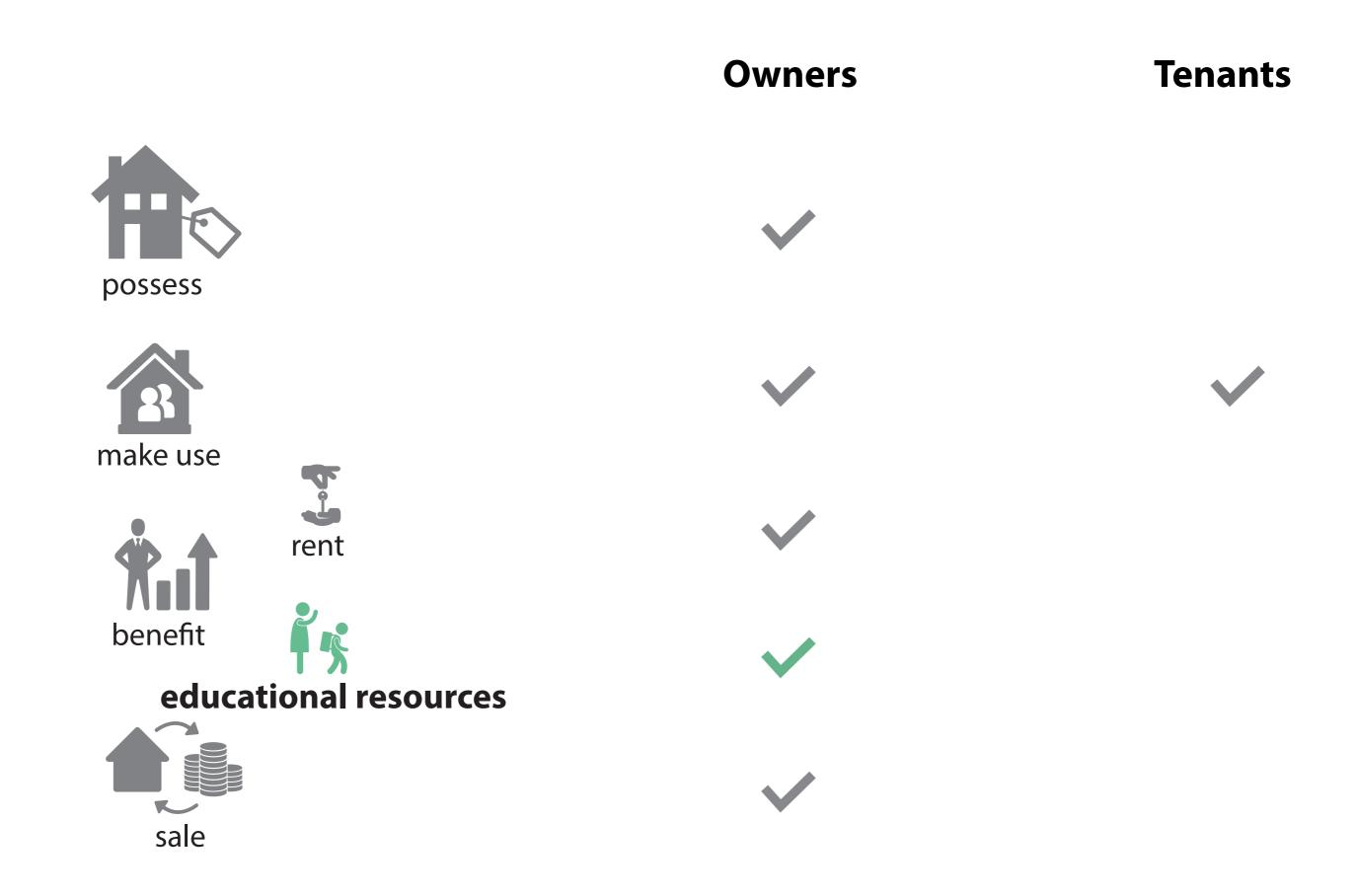






#### Housing preference: Buy or rent?

Access to public facilities of renting is low, especially good educational resources



#### **Opportunities**

New testing policies of enjoy the same access to public facilities



#### Vision of the government

innovation city headquarters & R&D industrial upgrading economic growth more young graduates



High housing price
Job-housing unbalance
Lack of access to public facilities



Livability of young graduates in Shenzhen is low

So...

# How to get job-housing balance and improve livability

of young graduates in Shenzhen through

urban regeneration and new policies



Theoritical Framework

#### Livability

Environmental aspect

air

water

energy

resources

biodiversity

ecosystem

Socio-economic aspect

safety

infrastructure

jobs

housing

public space

facilities

social equity

identity

#### Spatial elements creative class values



thick labor markets

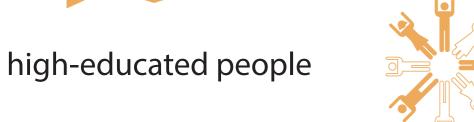


lifestyle



social interactions







tolerance



identity



authenticity



job opportunities



necessary amenities



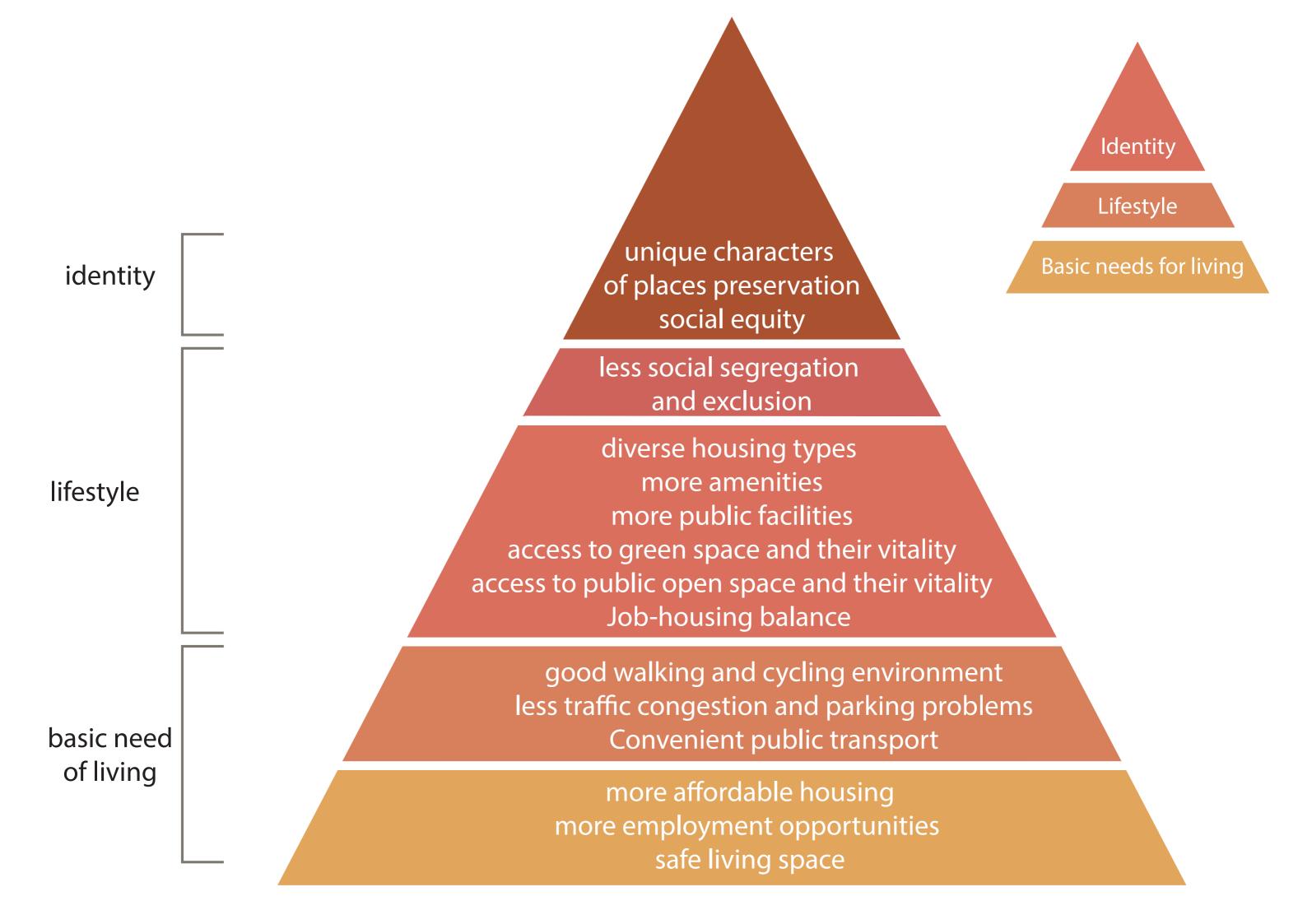
accessibility to public space

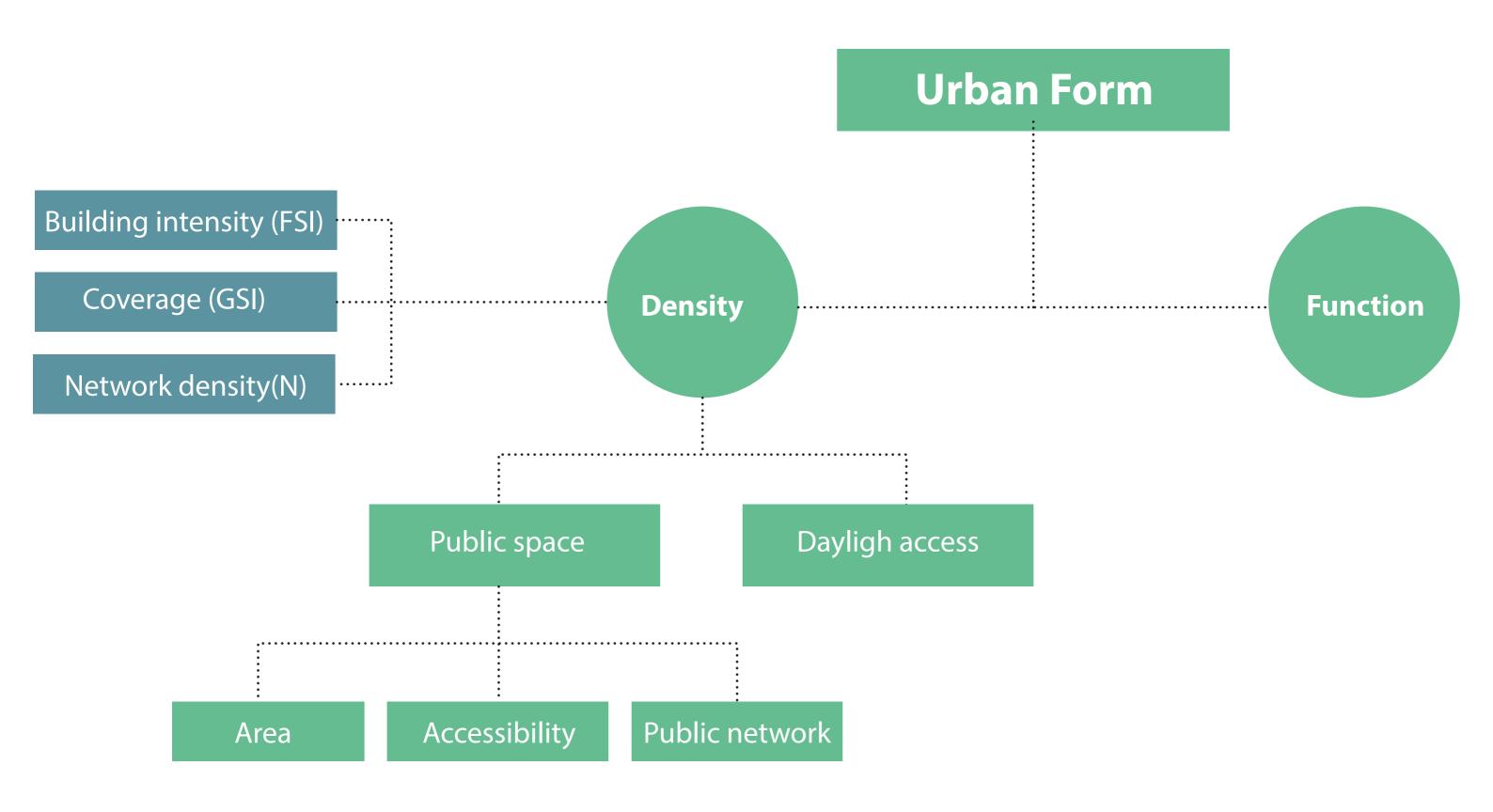


mixed-use & multi functions

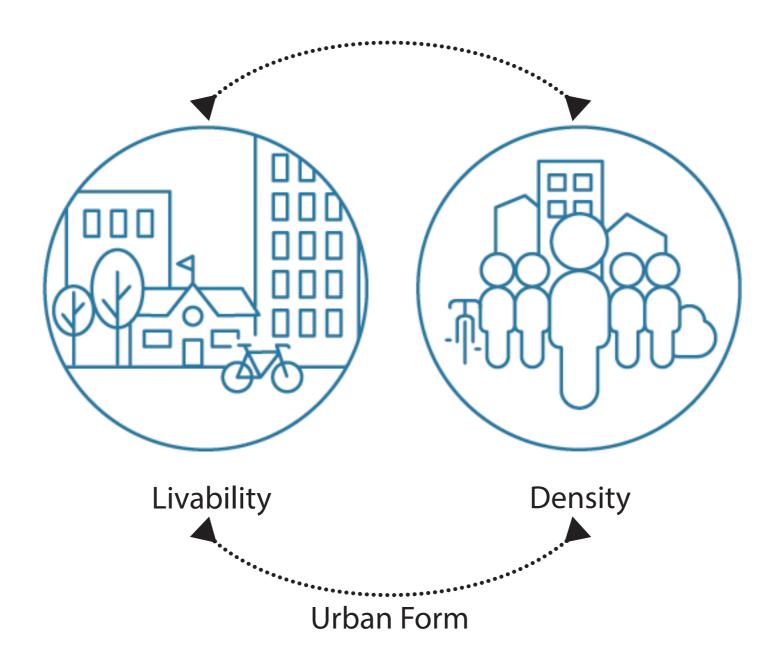


unique characters preservation

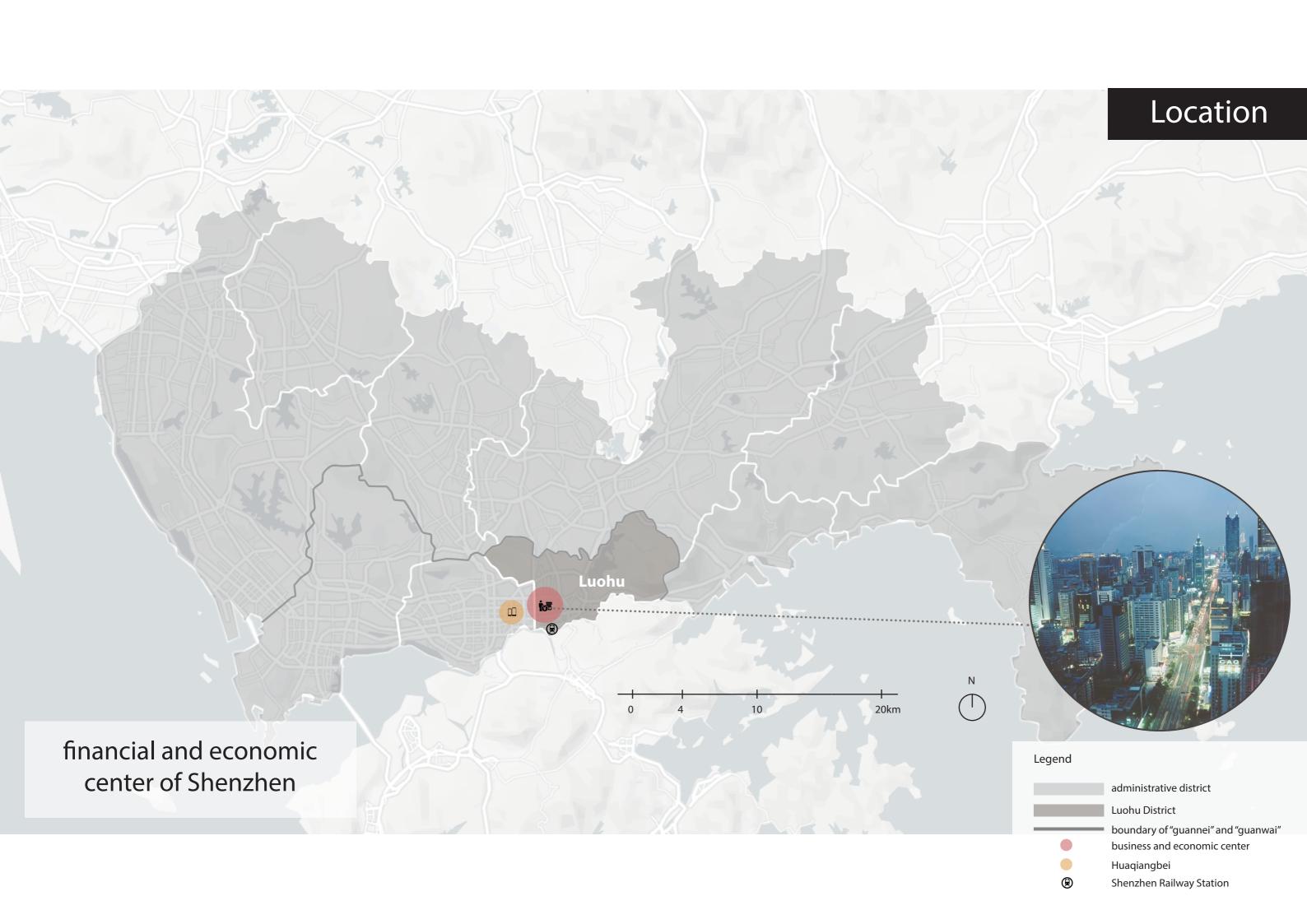


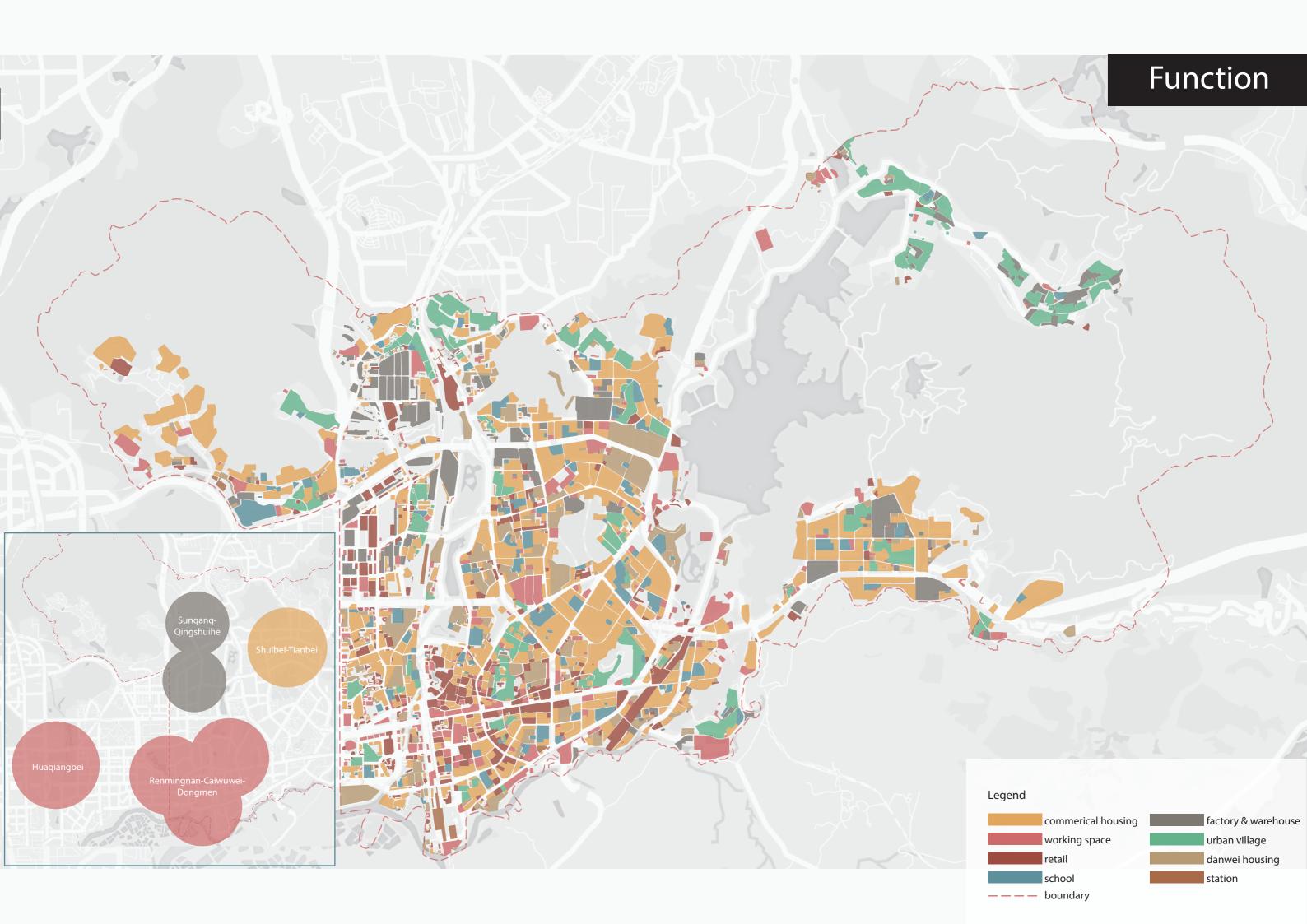


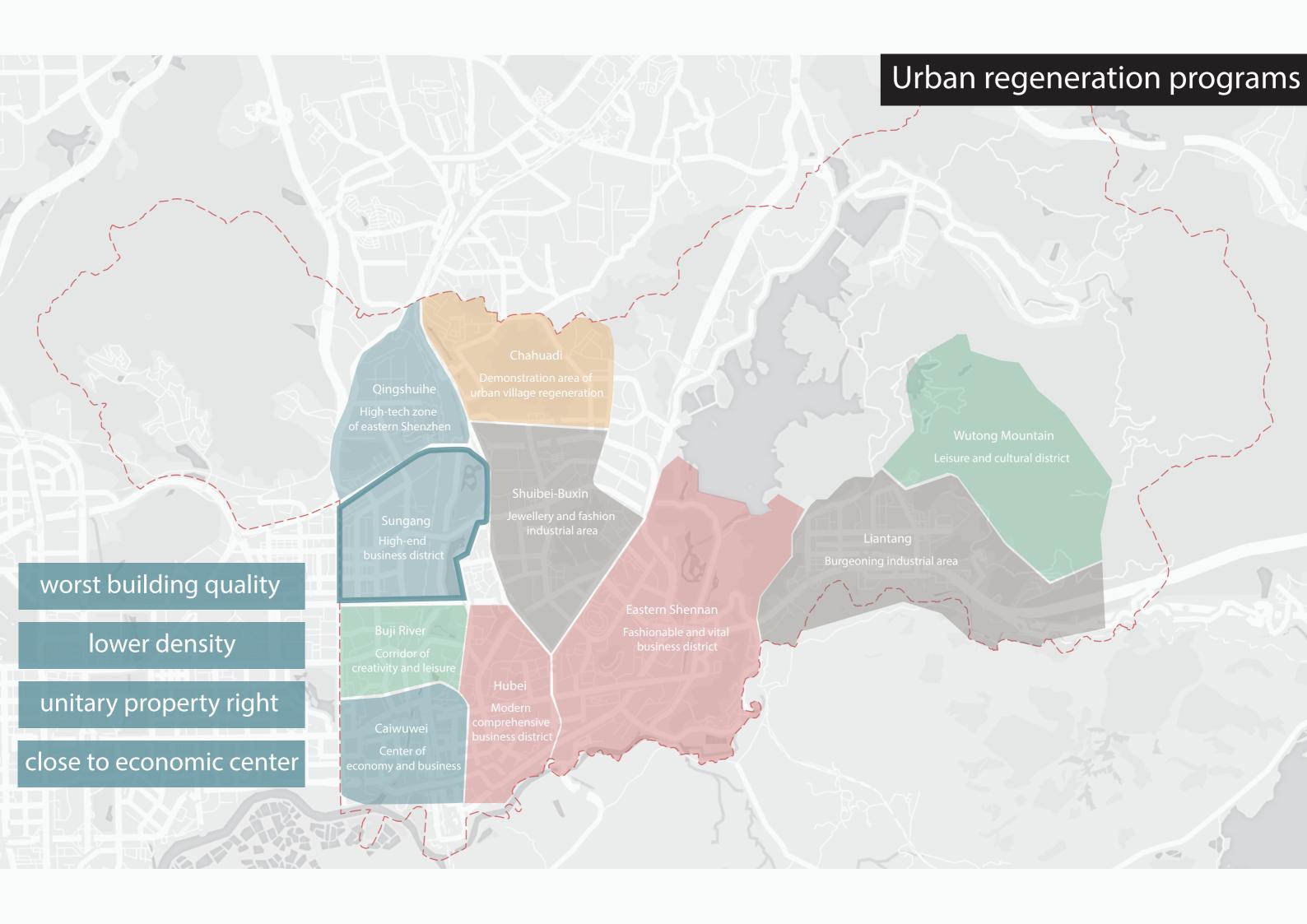
Berghauser Pont, M. Y., & Haupt, P. A. (2009). Space, density and urban form. Doctoral dissertation, TU Delft, Delft University of Technology.



Site Analysis a Vision







#### Location



Yinhu Mountain

Qingshuihe

industrial & storage area

residential area

Sungang

residential area

Bijia Mountain Park

Huaqiangbei electronic Park devices wholesale

residential

Caiwuwei wan center of rk economy & business

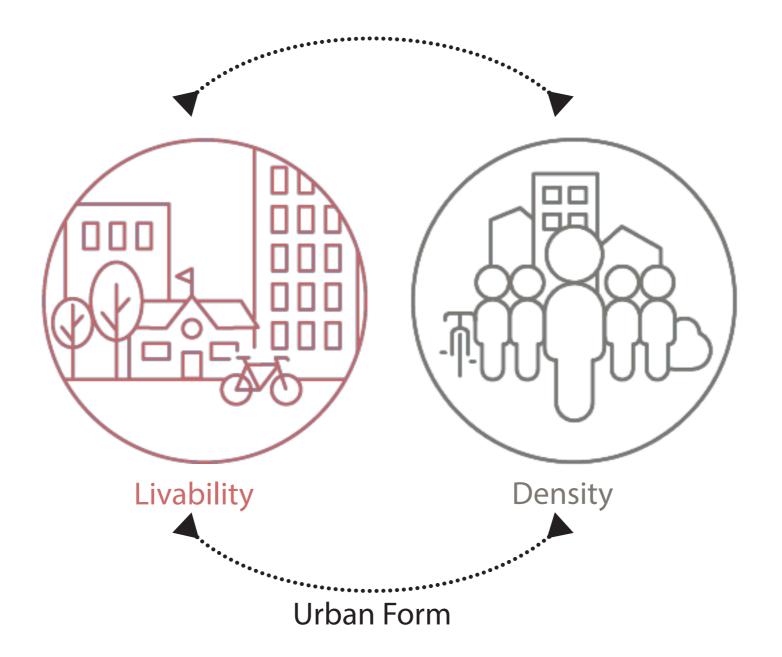
Park
Dongmen
center

Renmin

residential area









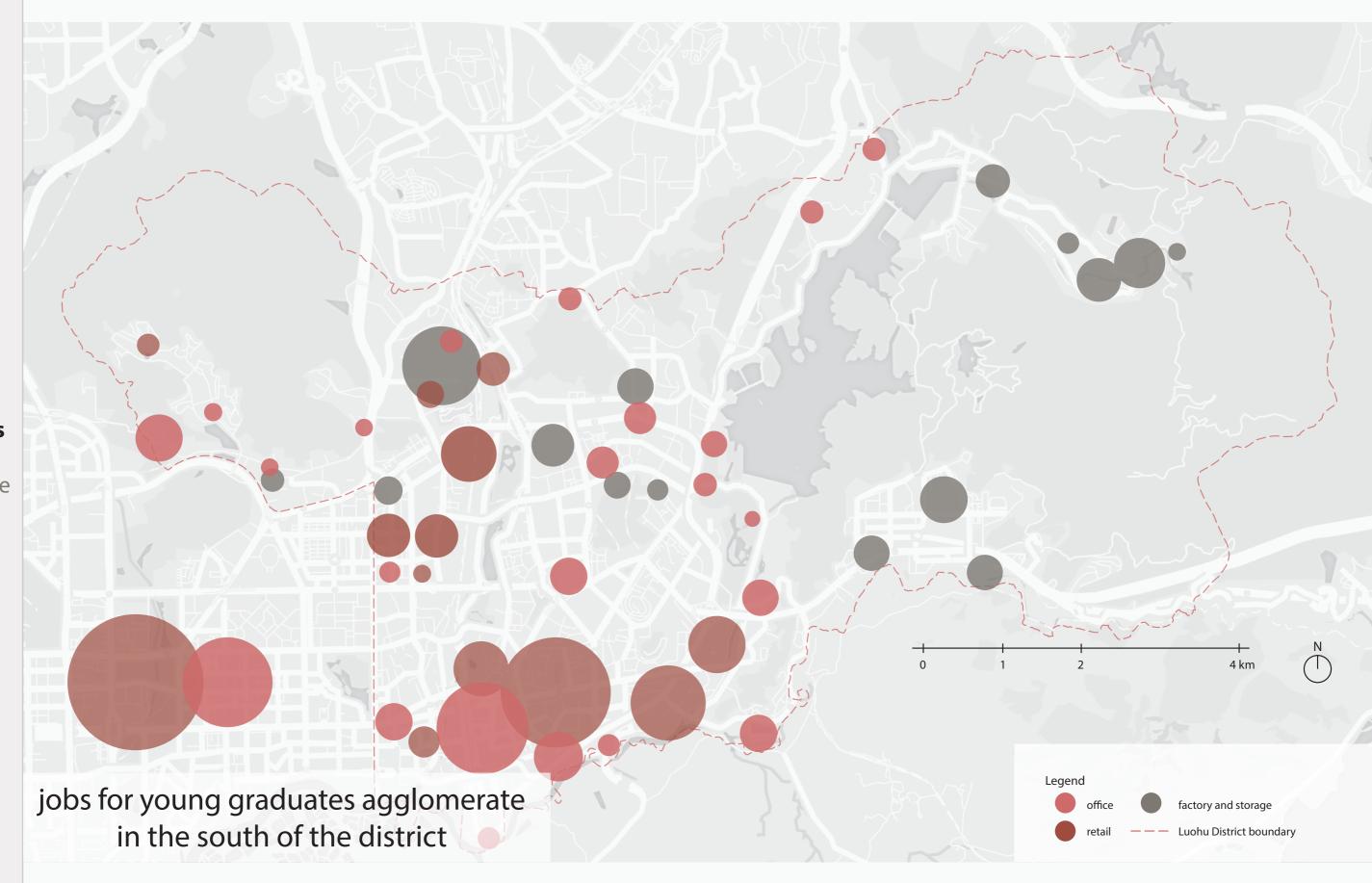
More employment opportunities

More affordable housing



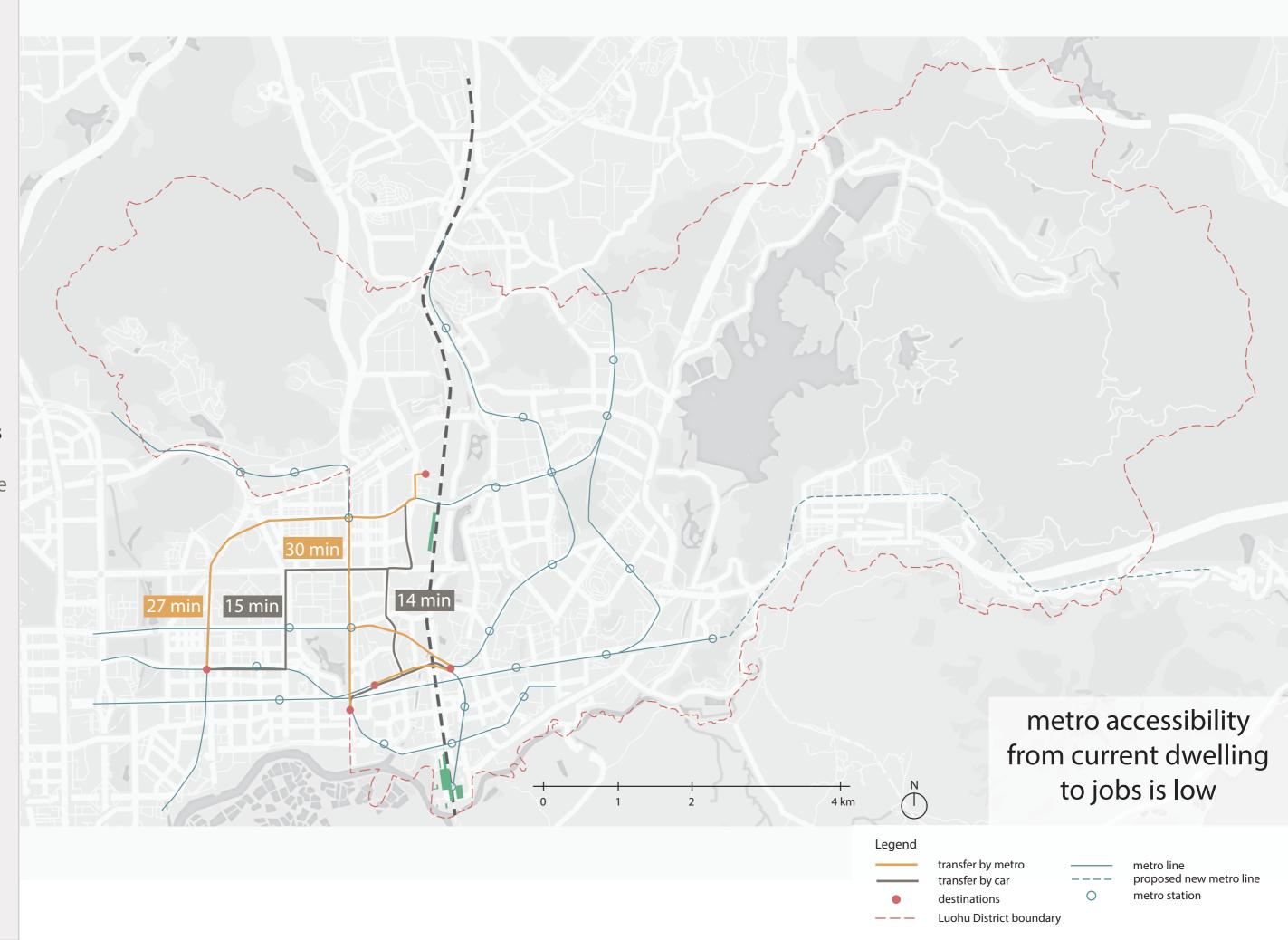
# More employment opportunities

More affordable housing



# More employment opportunities

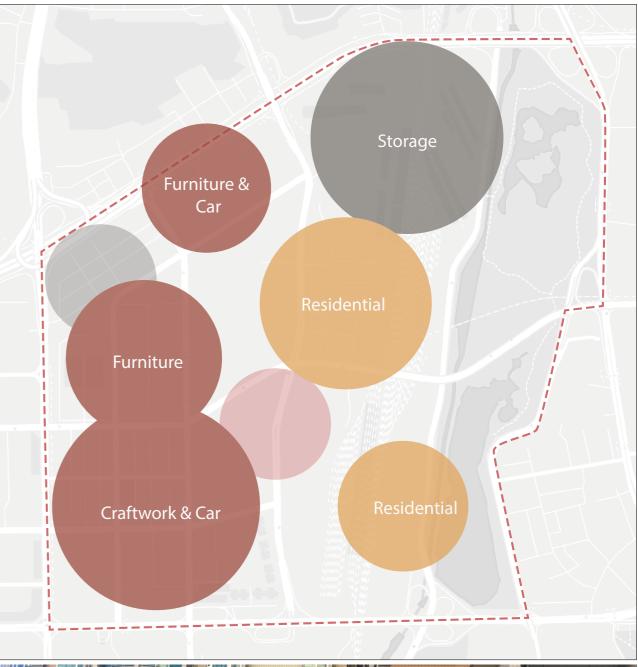
More affordable housing



# More employment opportunities

More affordable housing

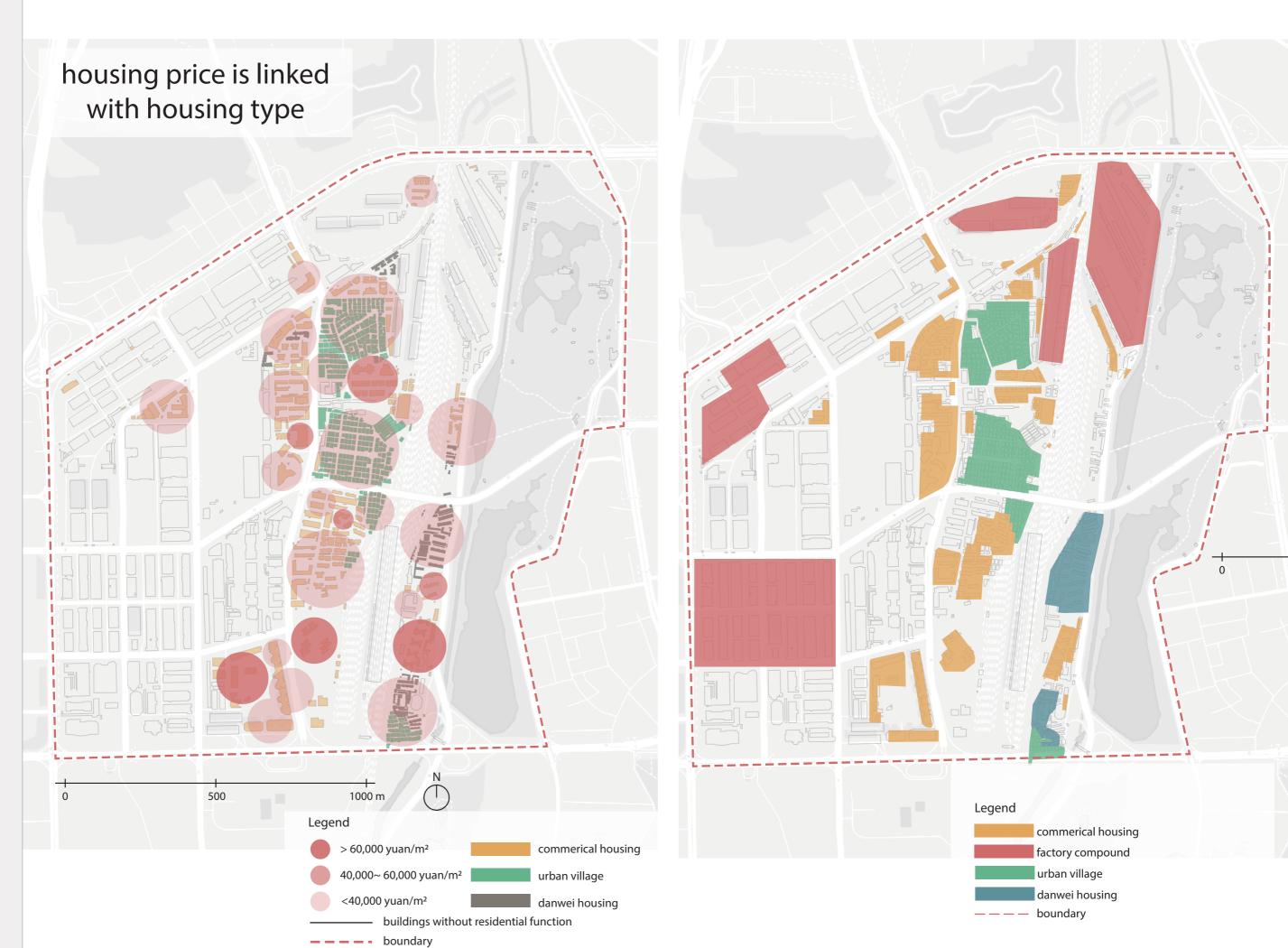




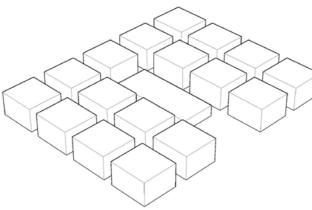


More employment opportunities

# More affordable housing



Danwei housing



Safe living space

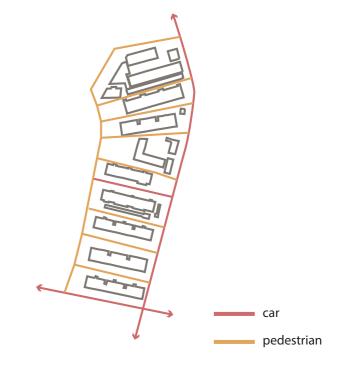
More employment opportunities

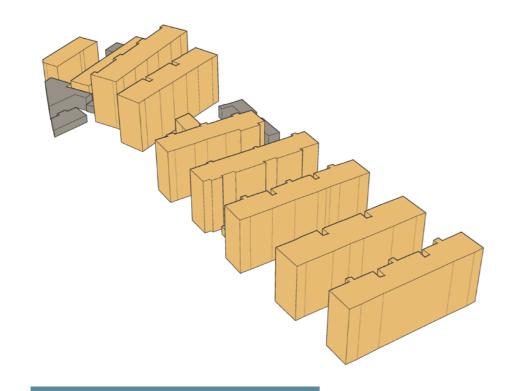
#### More affordable housing

infrastructure







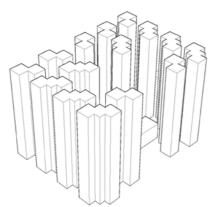


41,000 yuan/m²/ affordable

Employees in particular enterprises or work unit



Commercial housing



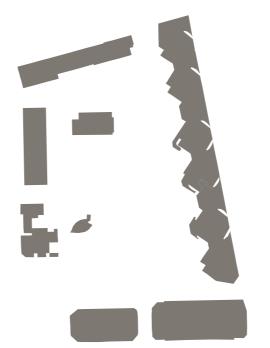
Safe living space

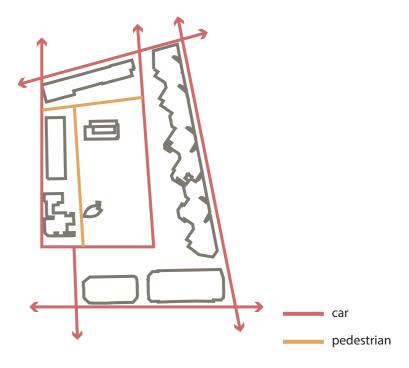
More employment opportunities

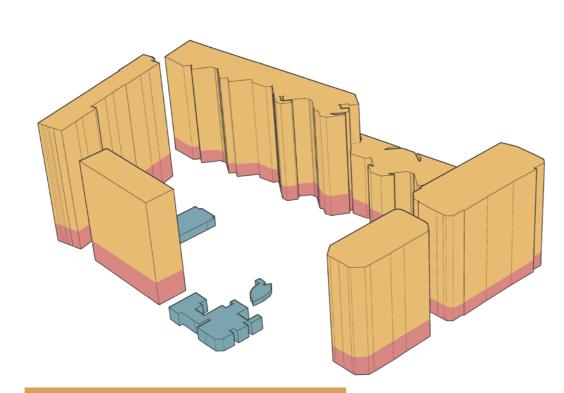
# More affordable housing

infrastructure







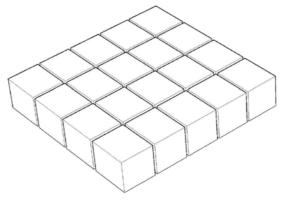


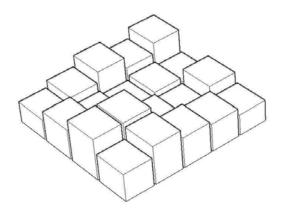
61,000 yuan/m<sup>2</sup>/ unaffordable

People with higher income



Urban village





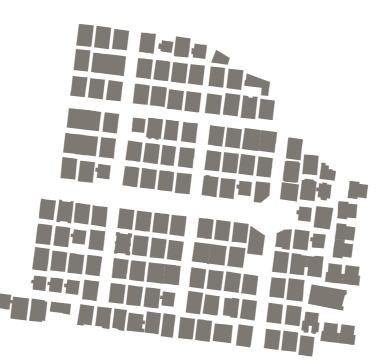


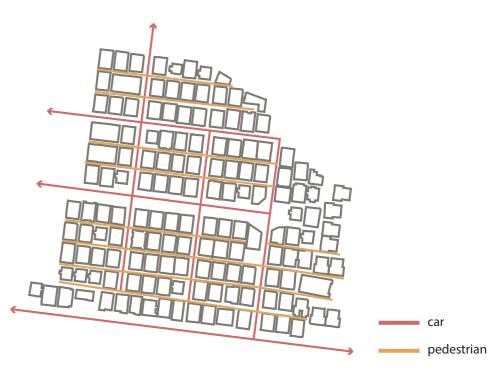
More employment opportunities

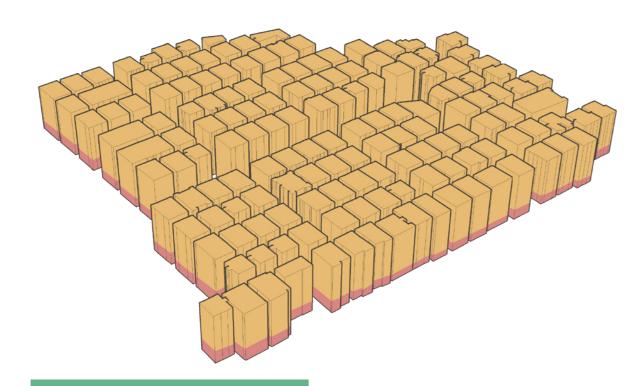
#### More affordable housing

infrastructure







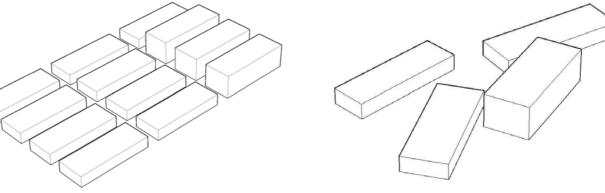


7,000 yuan/m²/ affordable

Migrants with low income



Factory compound

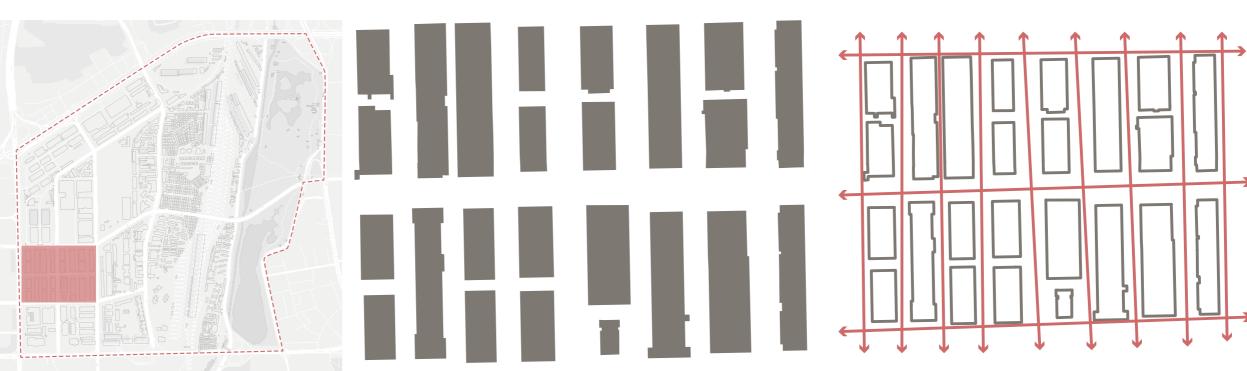


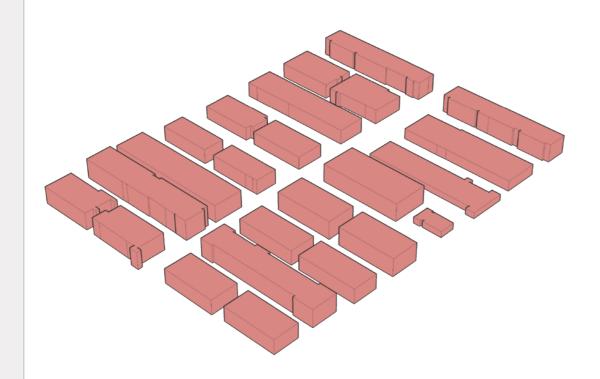
Safe living space

More employment opportunities

#### More affordable housing

infrastructure





No dwelling

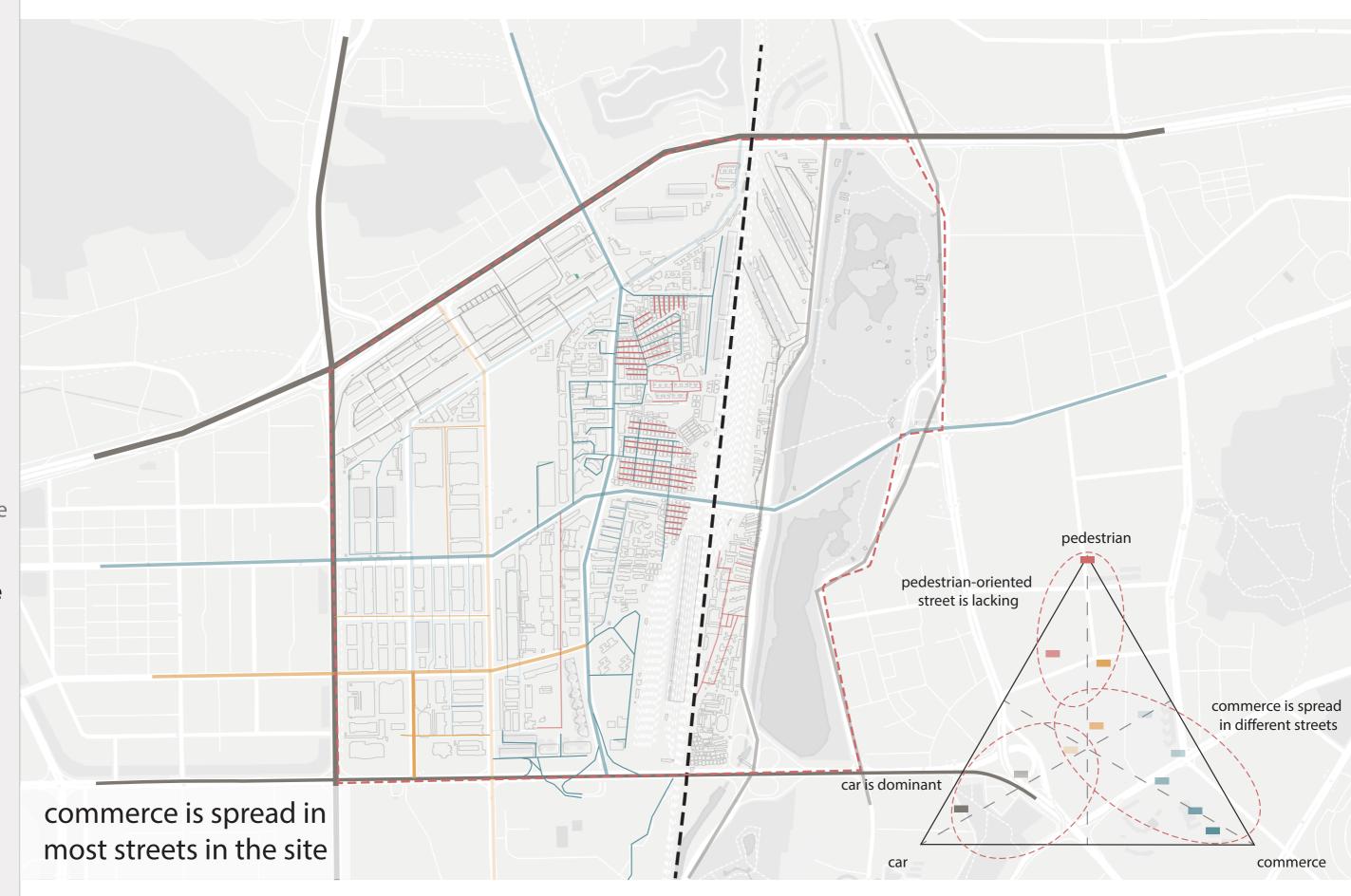
have the potential to be transformed into mixed-use

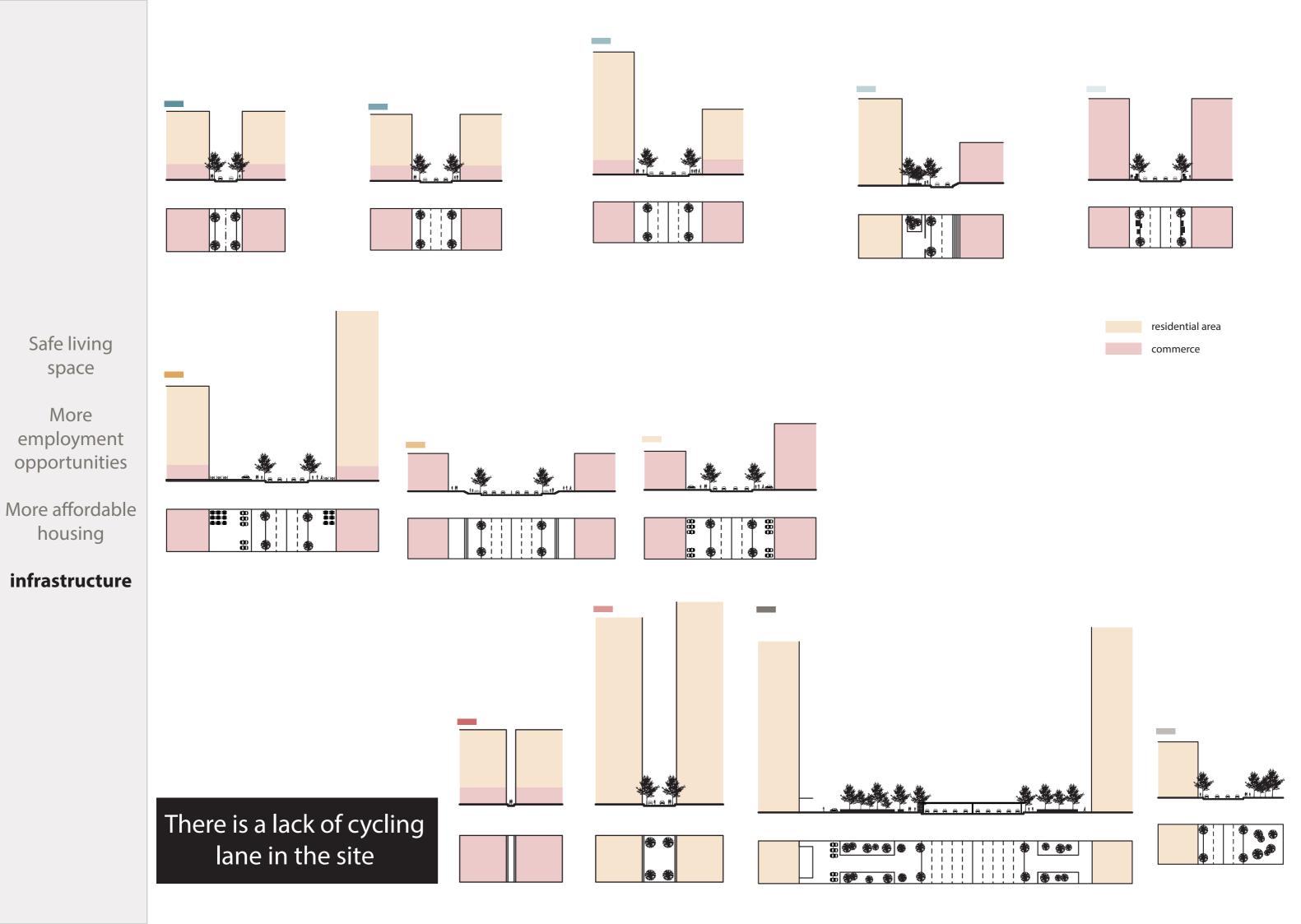


pedestrian

More employment opportunities

More affordable housing





Factory compound Railway track Historic site

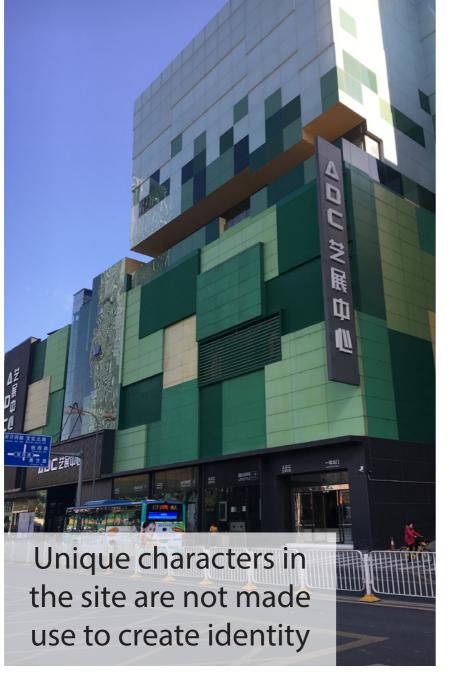
Safe living space

More employment opportunities

More affordable housing

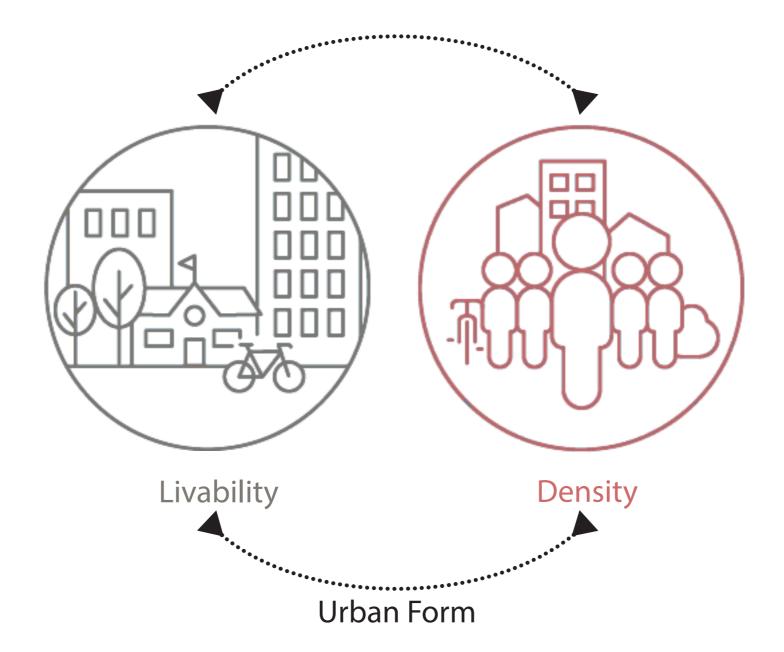
infrastructure

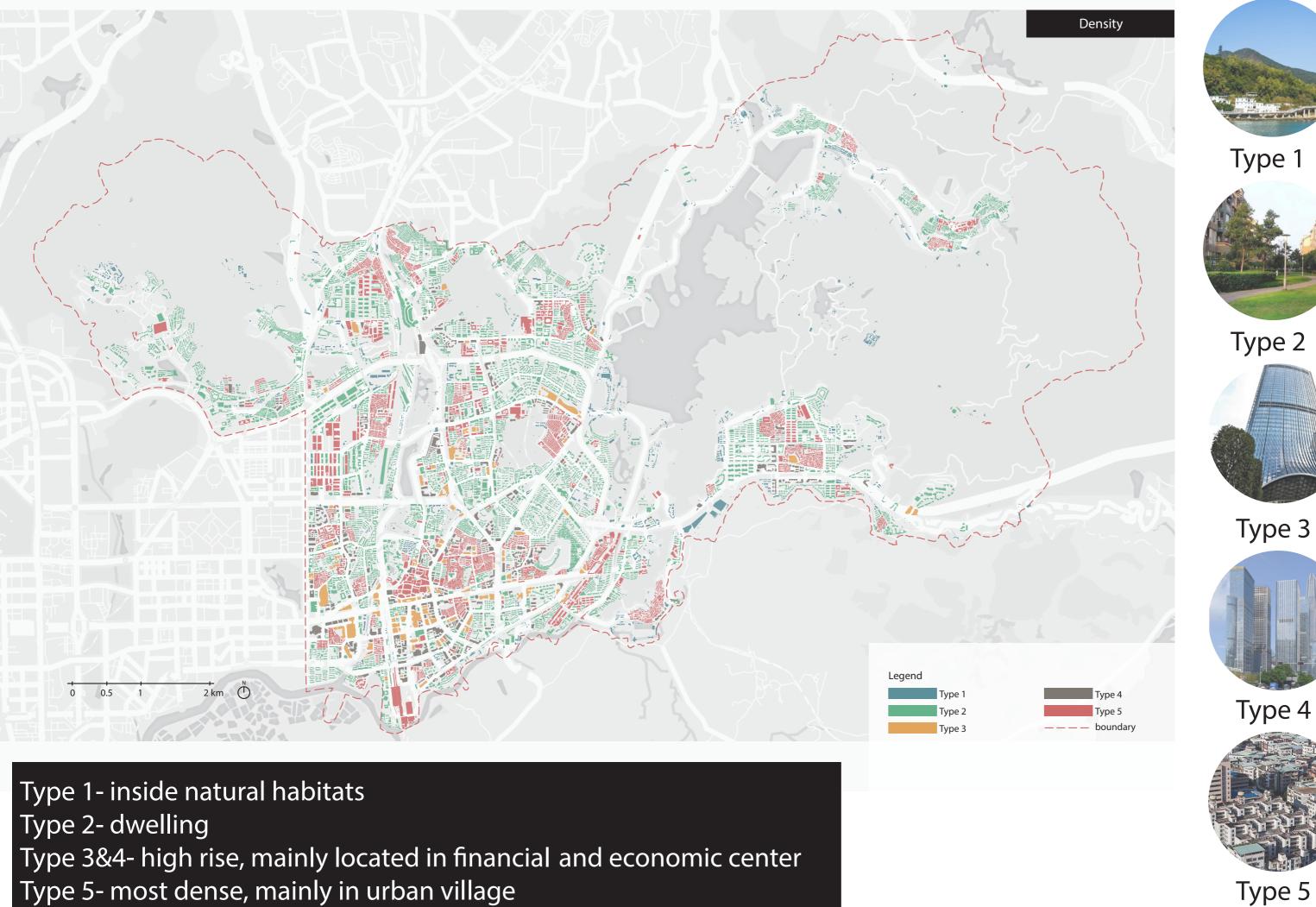
Unique characters of places preservation











Type 5



Type 2- dwelling
Type 5- most dense,
in urban village &
retail area



Mono-function and distances between different functions are large

Jobs in the site are not for young graduates

Walking and cycling environment are bad

Affordable housing price without good living quality

Do not make use of unique characters of the site

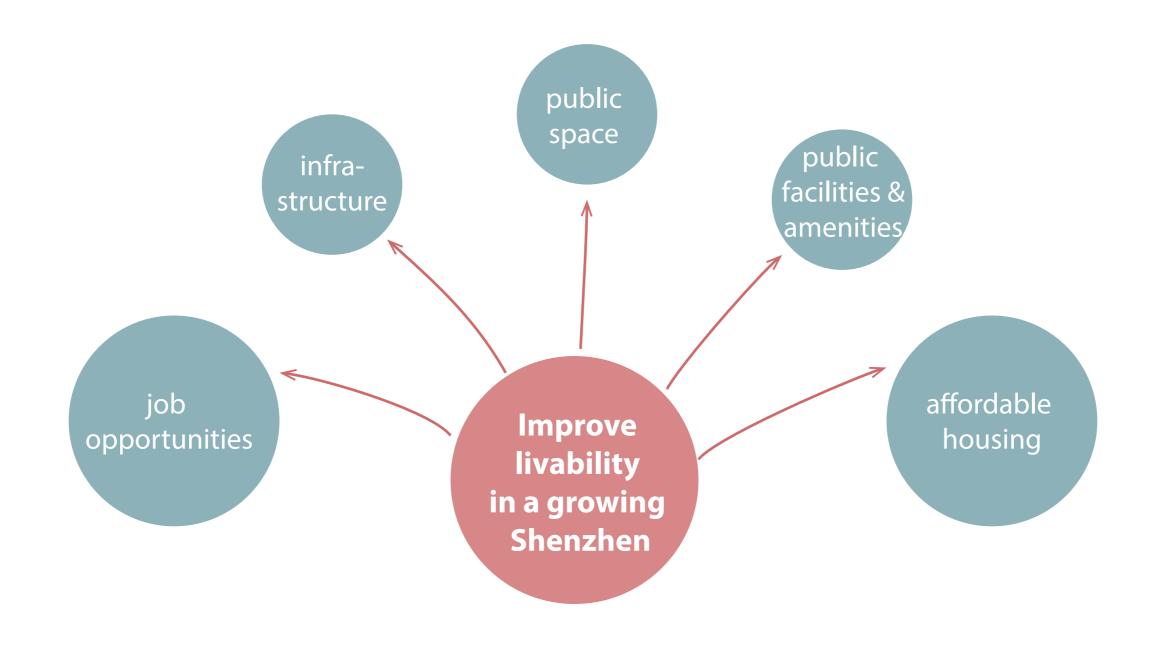
Super high density in retail area and urban village

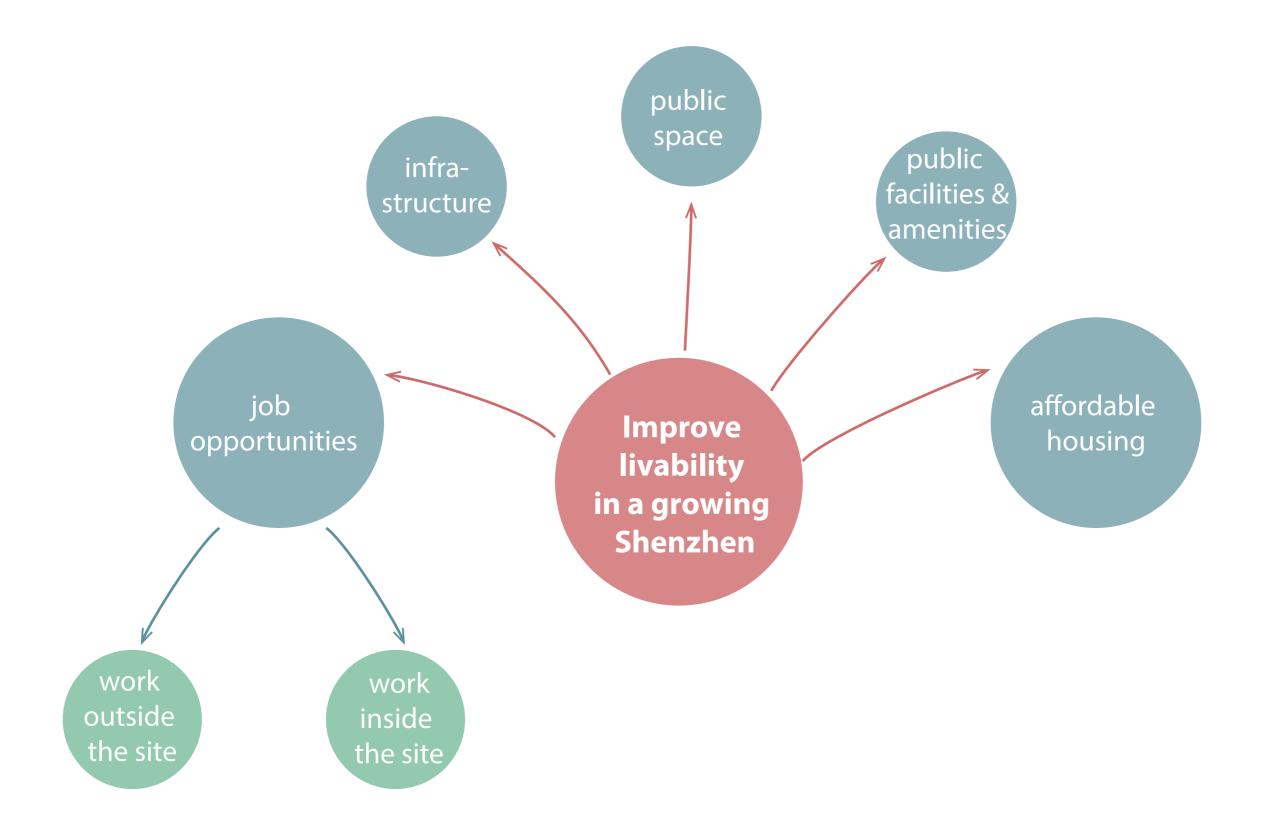
Livability of young graduates in Sungang is low



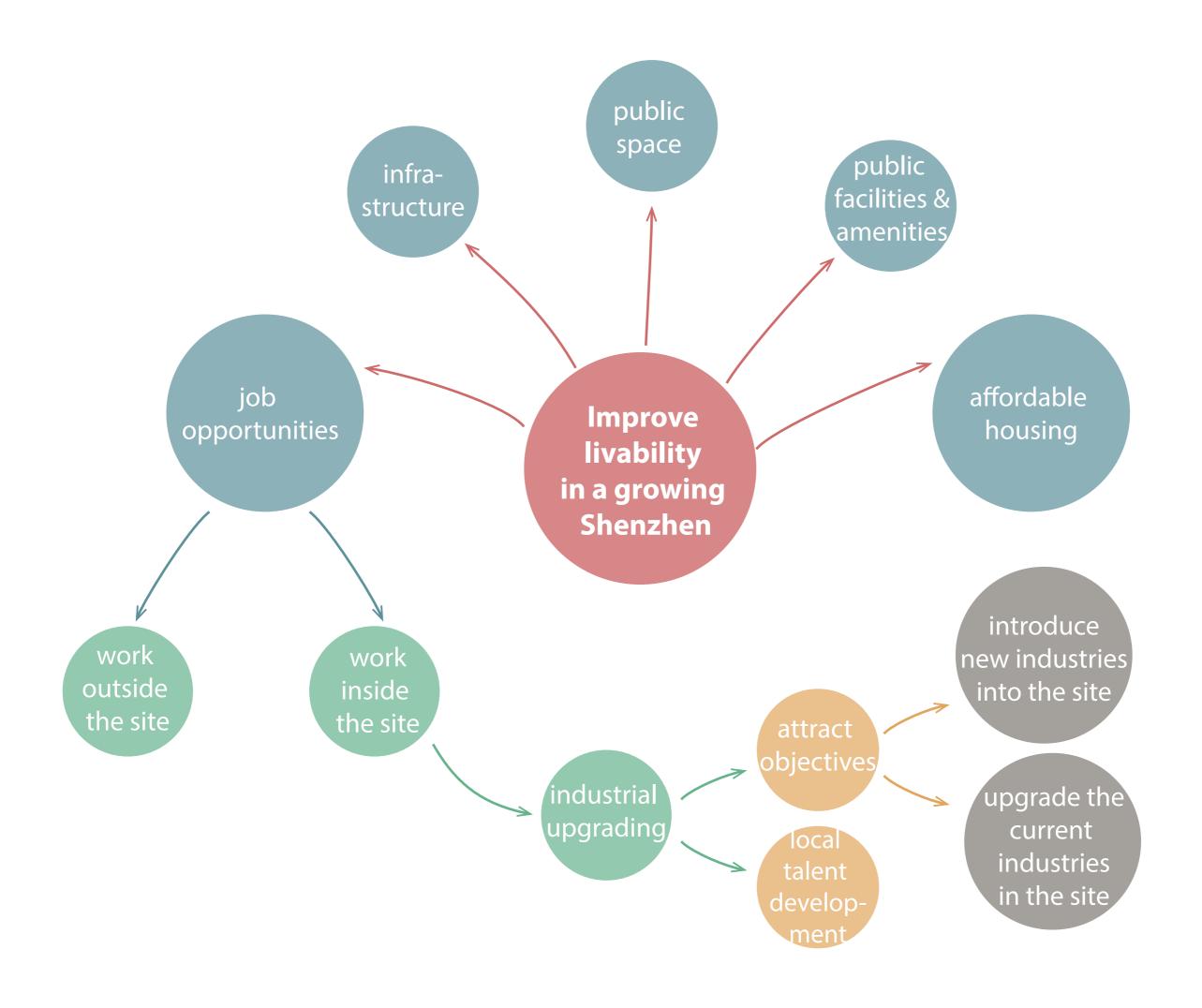


Strategy









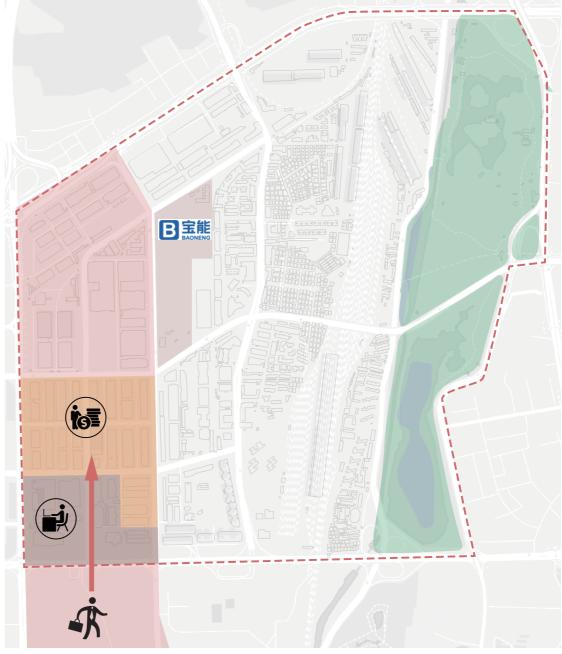


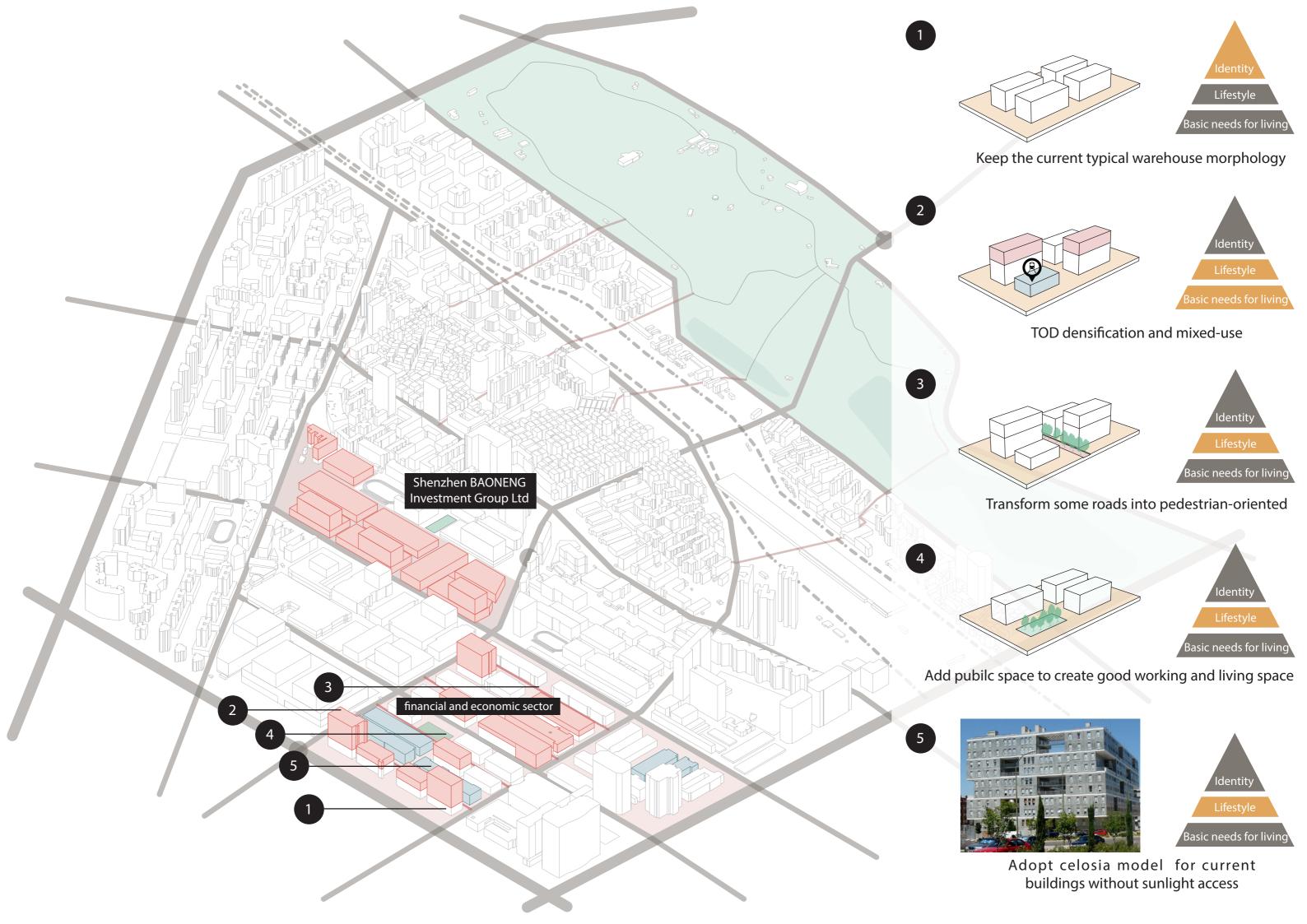
introduce new industries into the site

attract objectives

upgrade the current industries in the site







introduce new industries into the site

attract objectives

upgrade the current industries in the site ·····

smallware retail (such as stationary)

auto and auto parts retail, auto clean

warehouse

costume retail

handicraft and jewellery retail

furniture retail

rely on logistics

have a big and bad impact on living environment

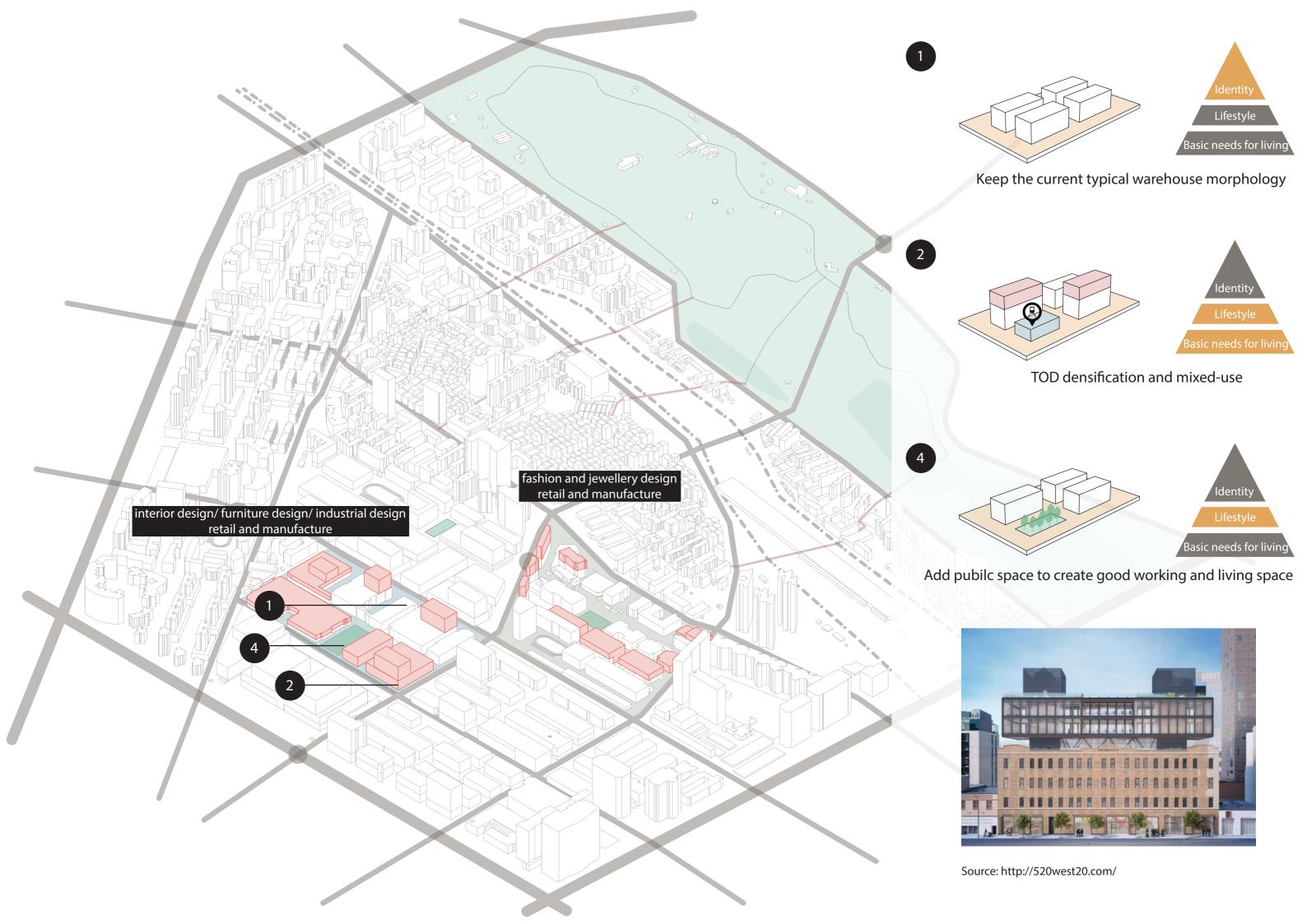
have less impact on

living environment

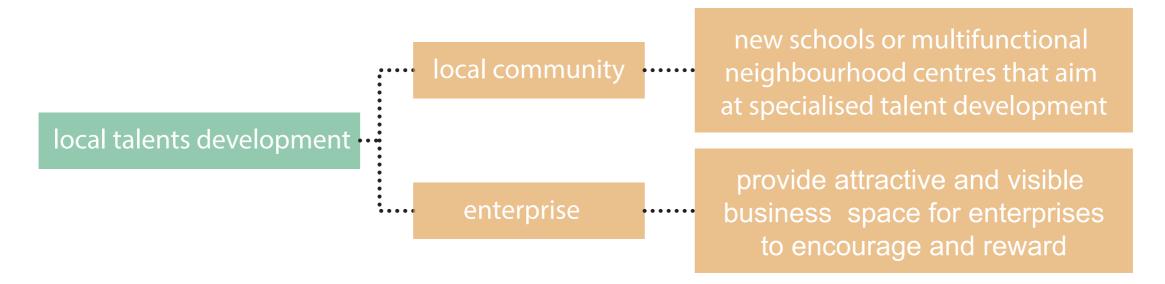
move out to areas which are closer to highway or railway station

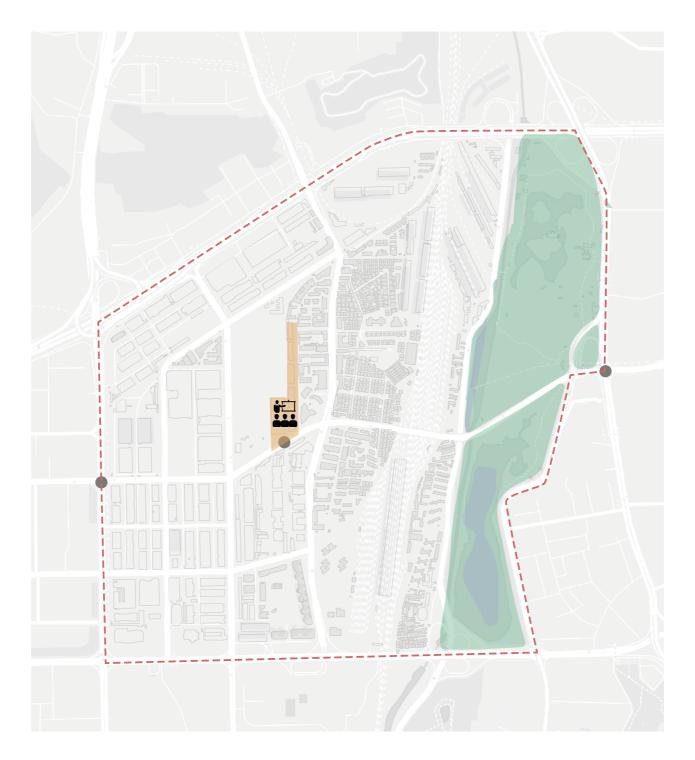
have the potential to be transformed into retail combined with design and manufacture

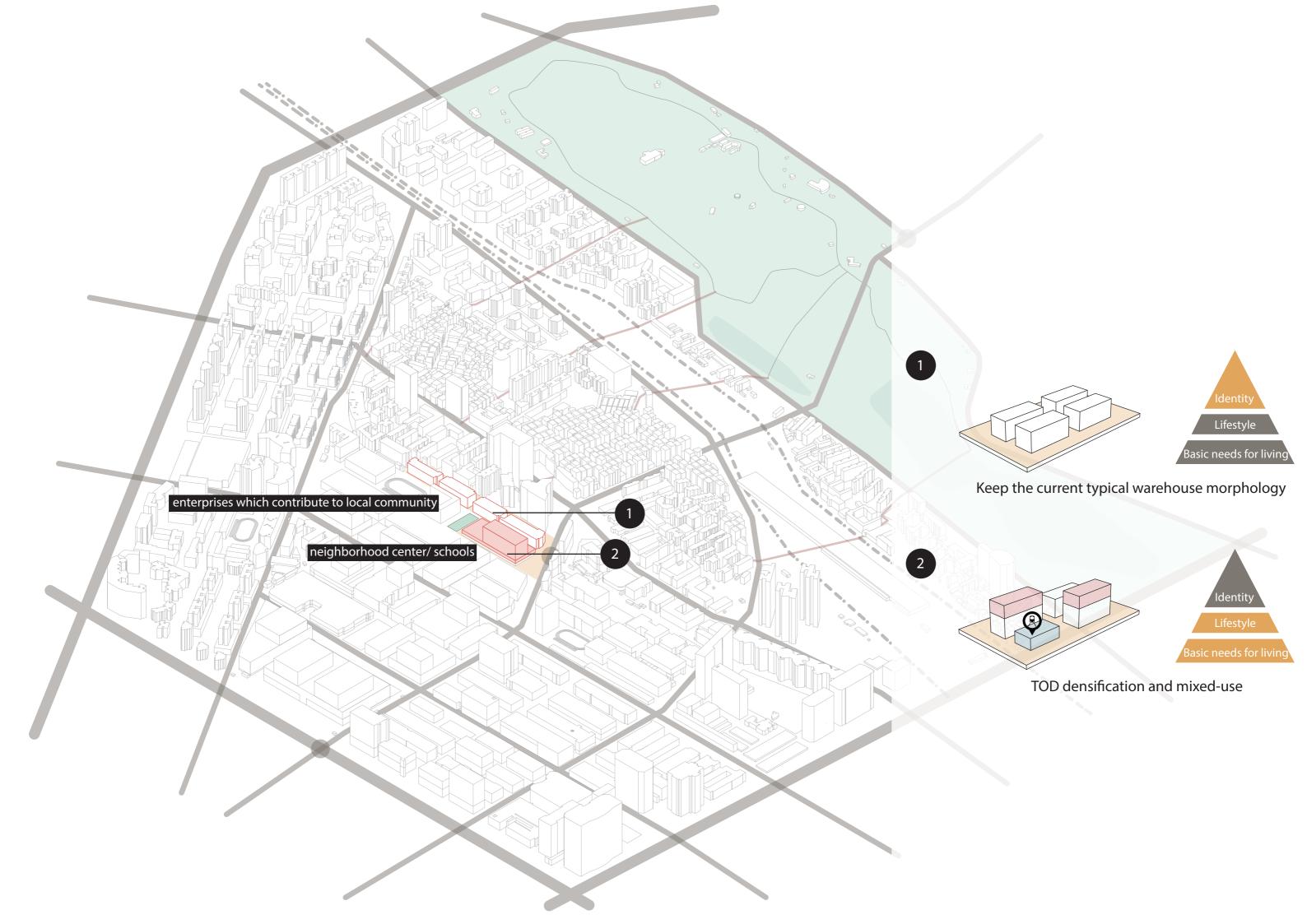
local community and local residents

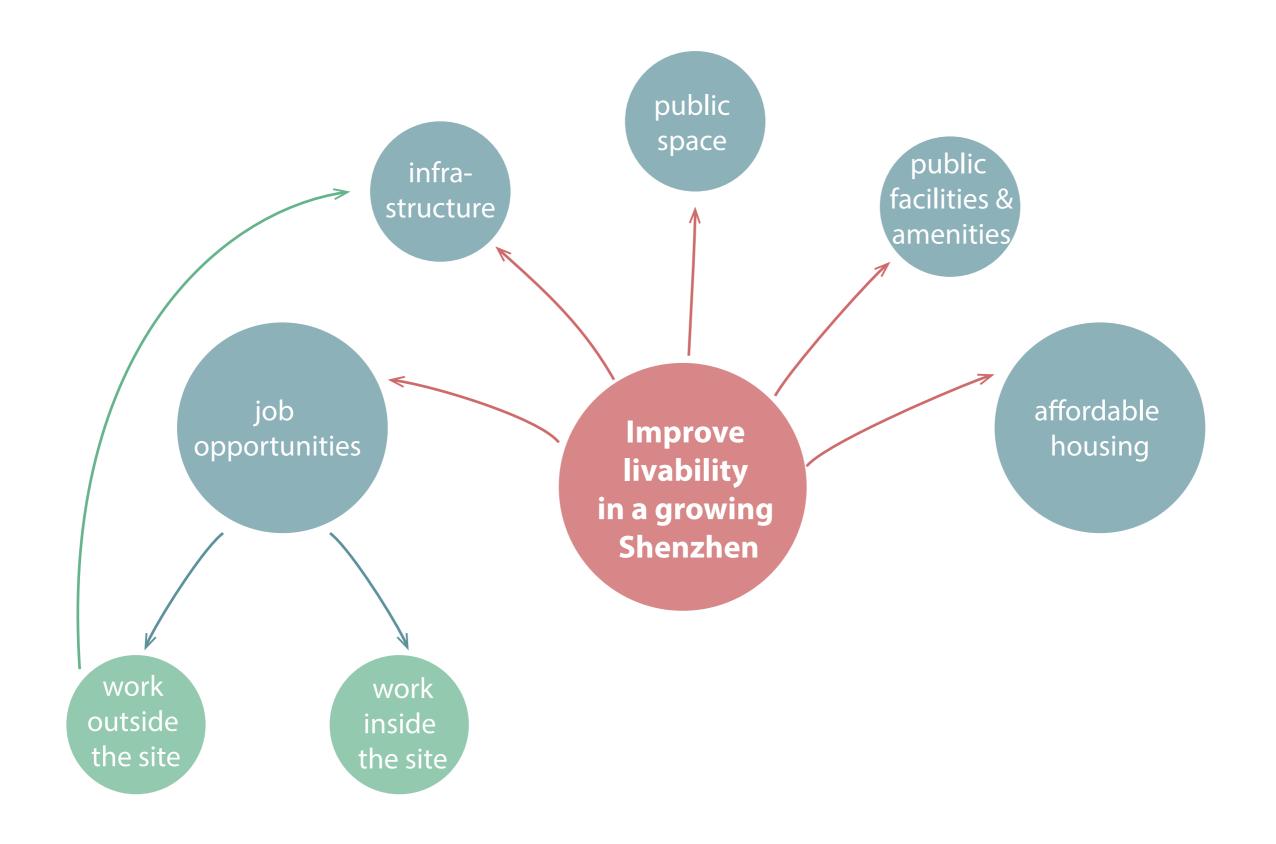


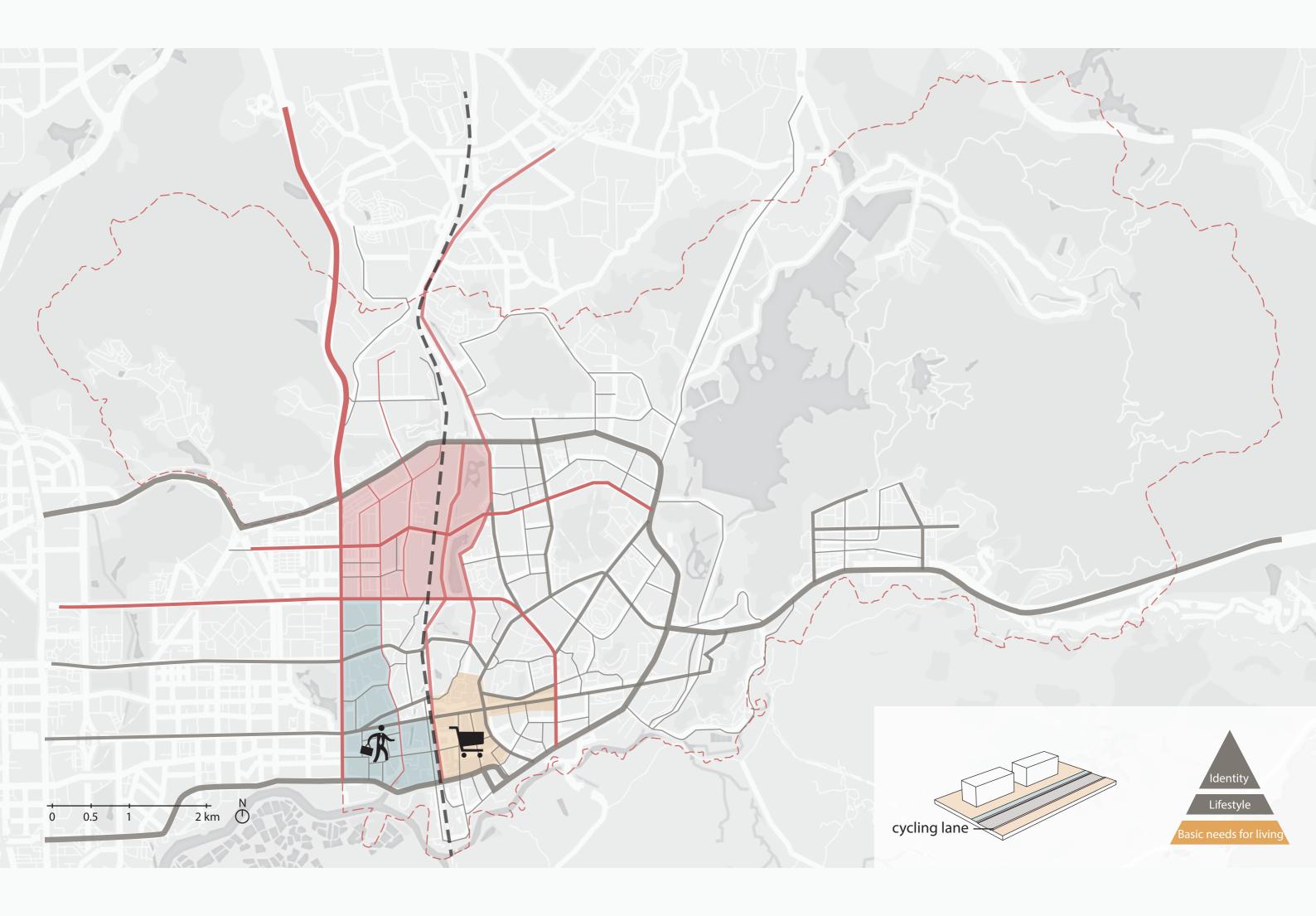


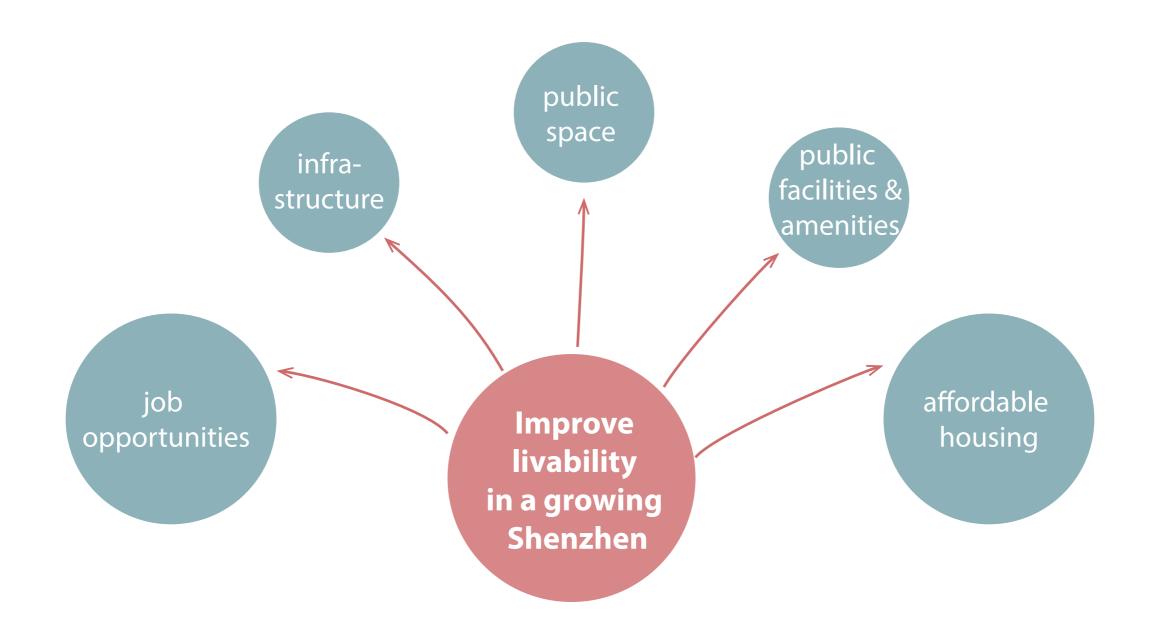


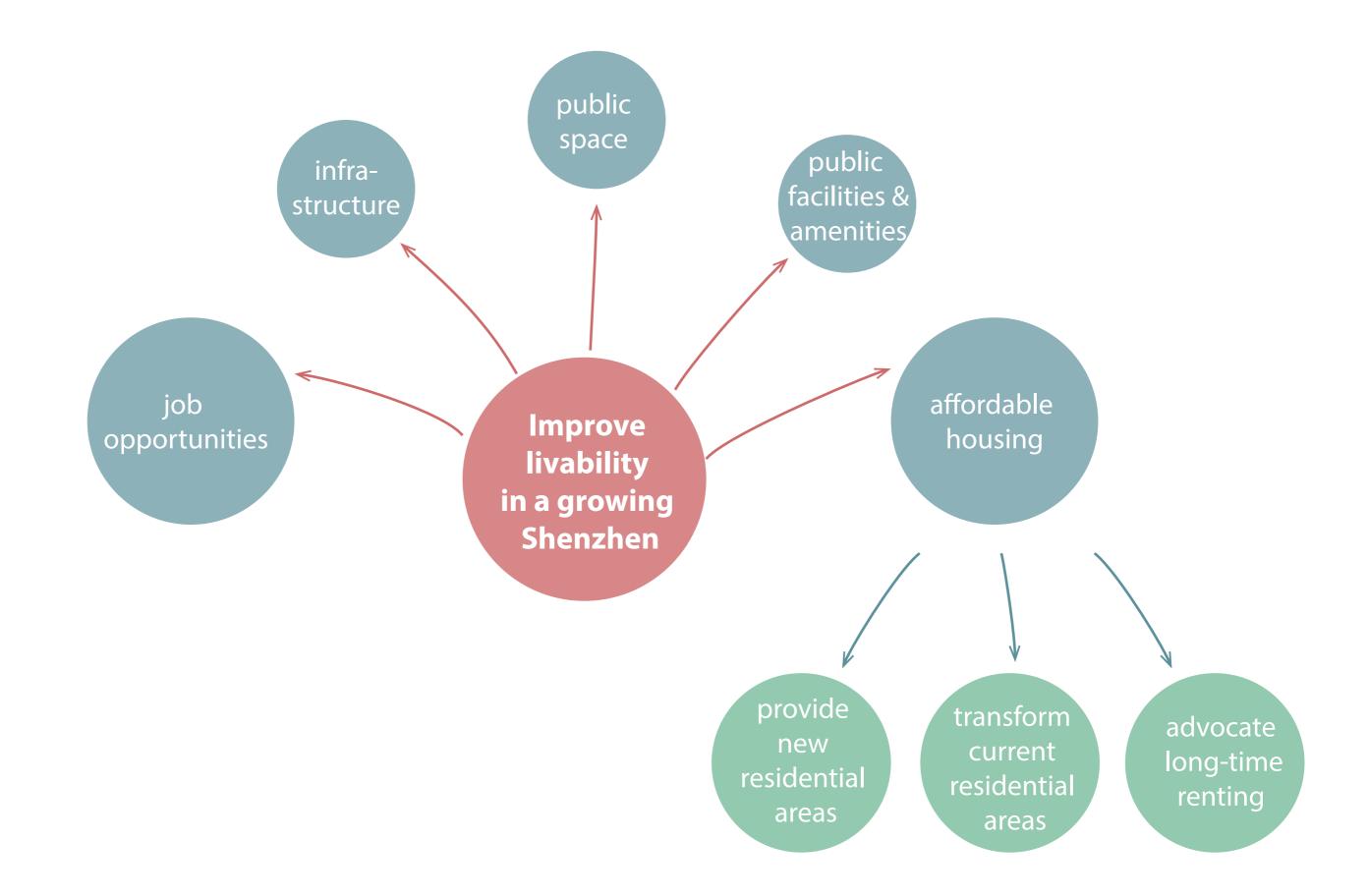










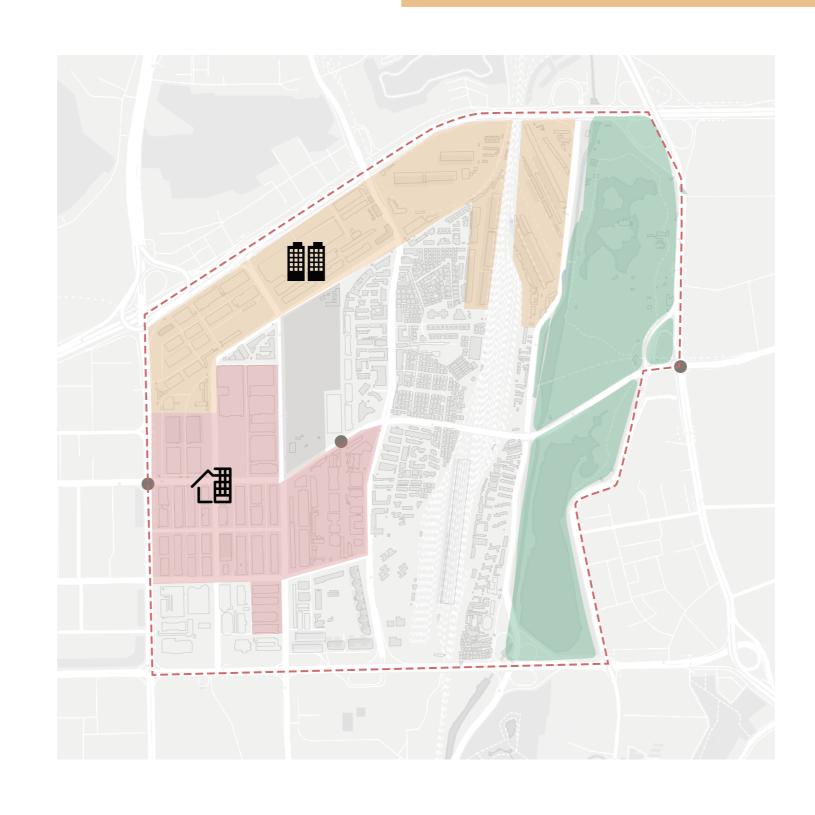




move out current transport-oriented warehouse to build new residential areas

provide new residential areas

mixed-use areas

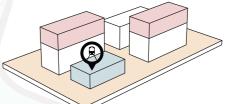








Divide a superblock into small plots, focusing on different groups of people and social housing should cover at least 30% of the whole newly built housing

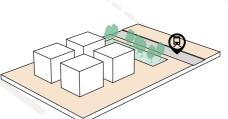


TOD densification and mixed-use





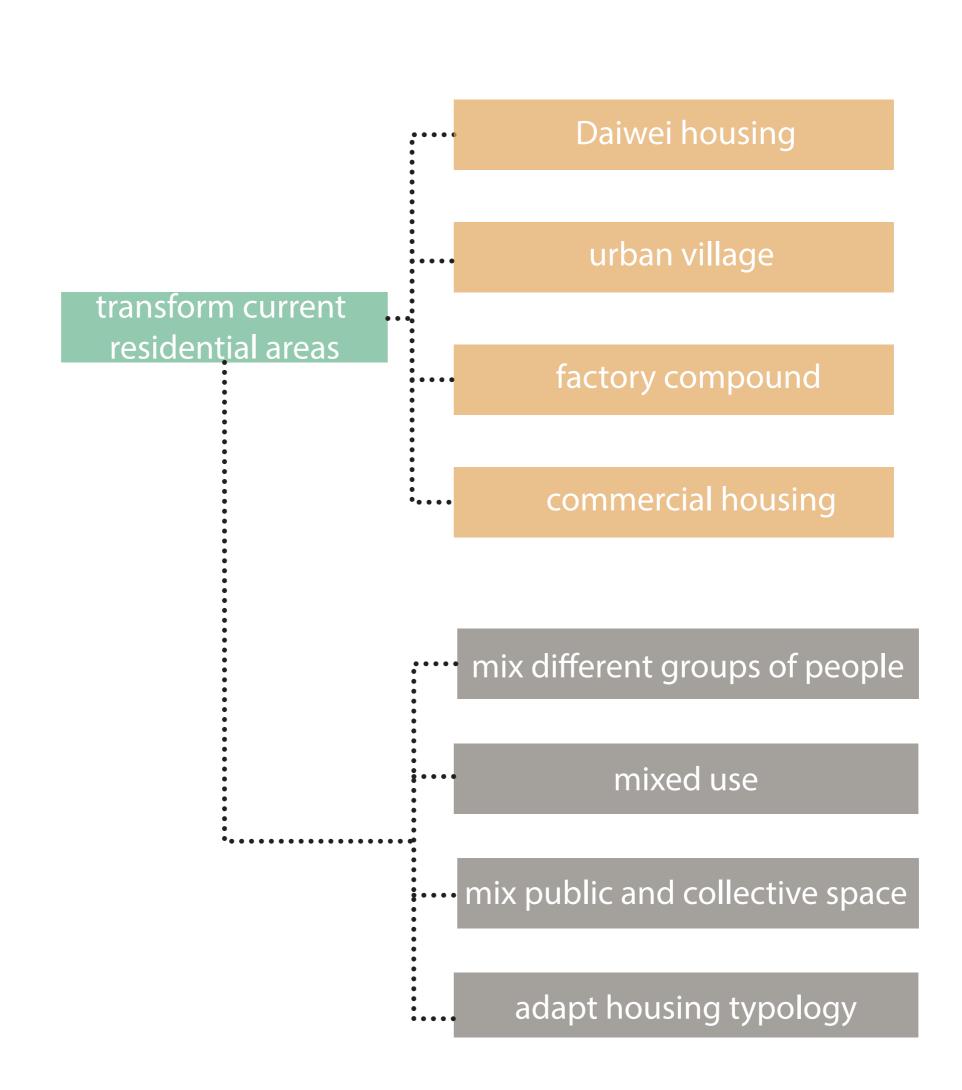
Mix public space and collective space

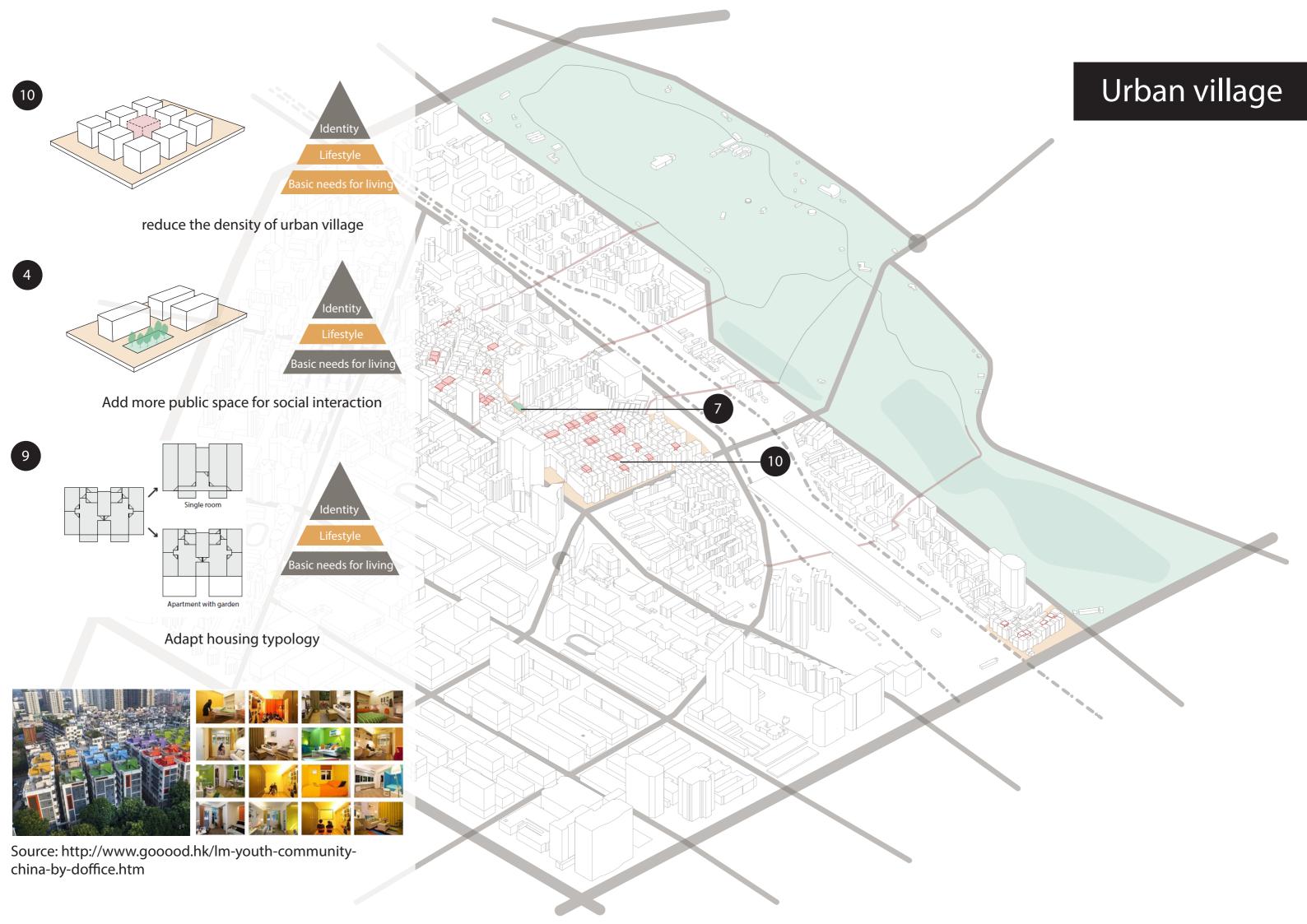


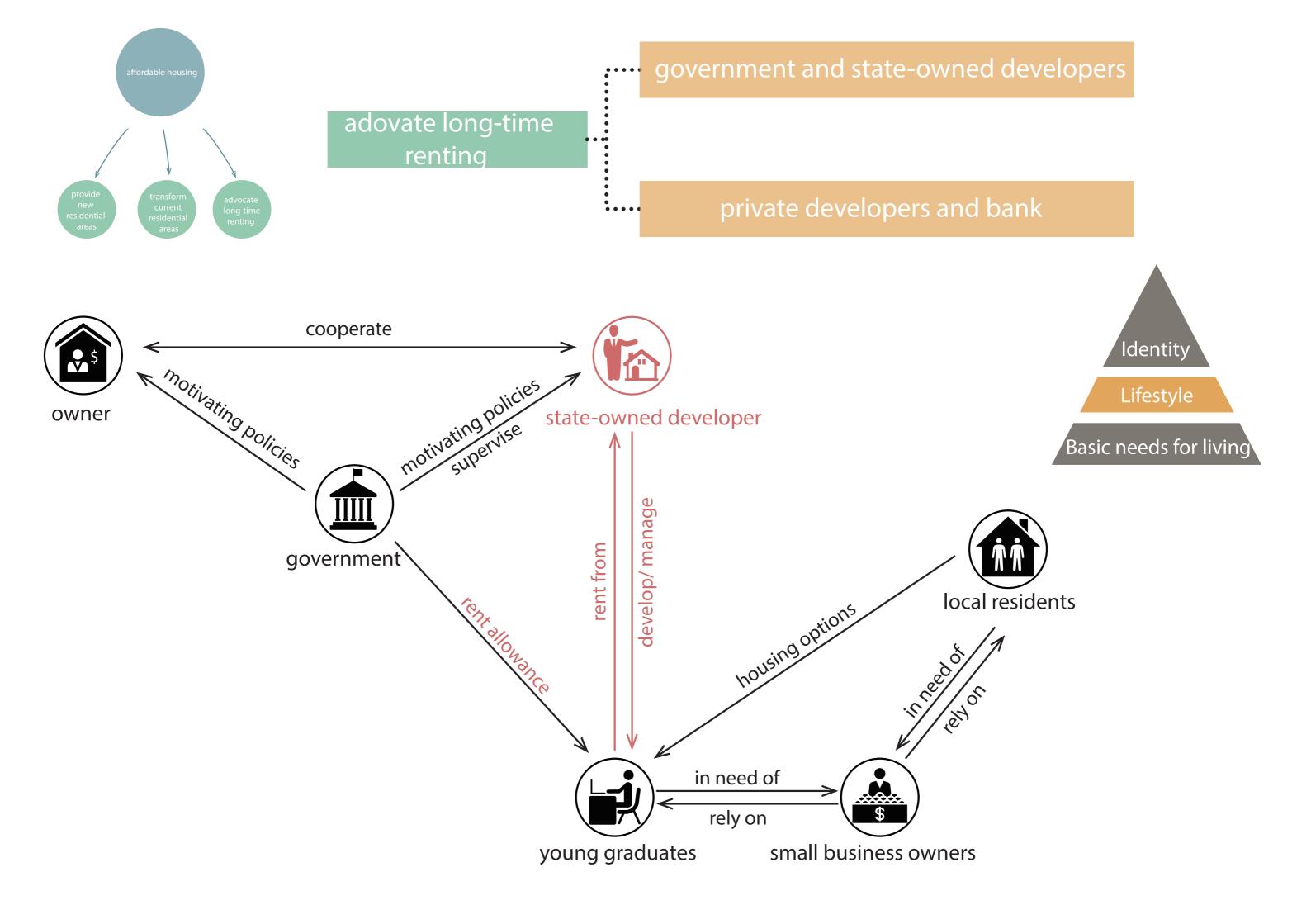


Create soft barriers as a noise-proecting landscape



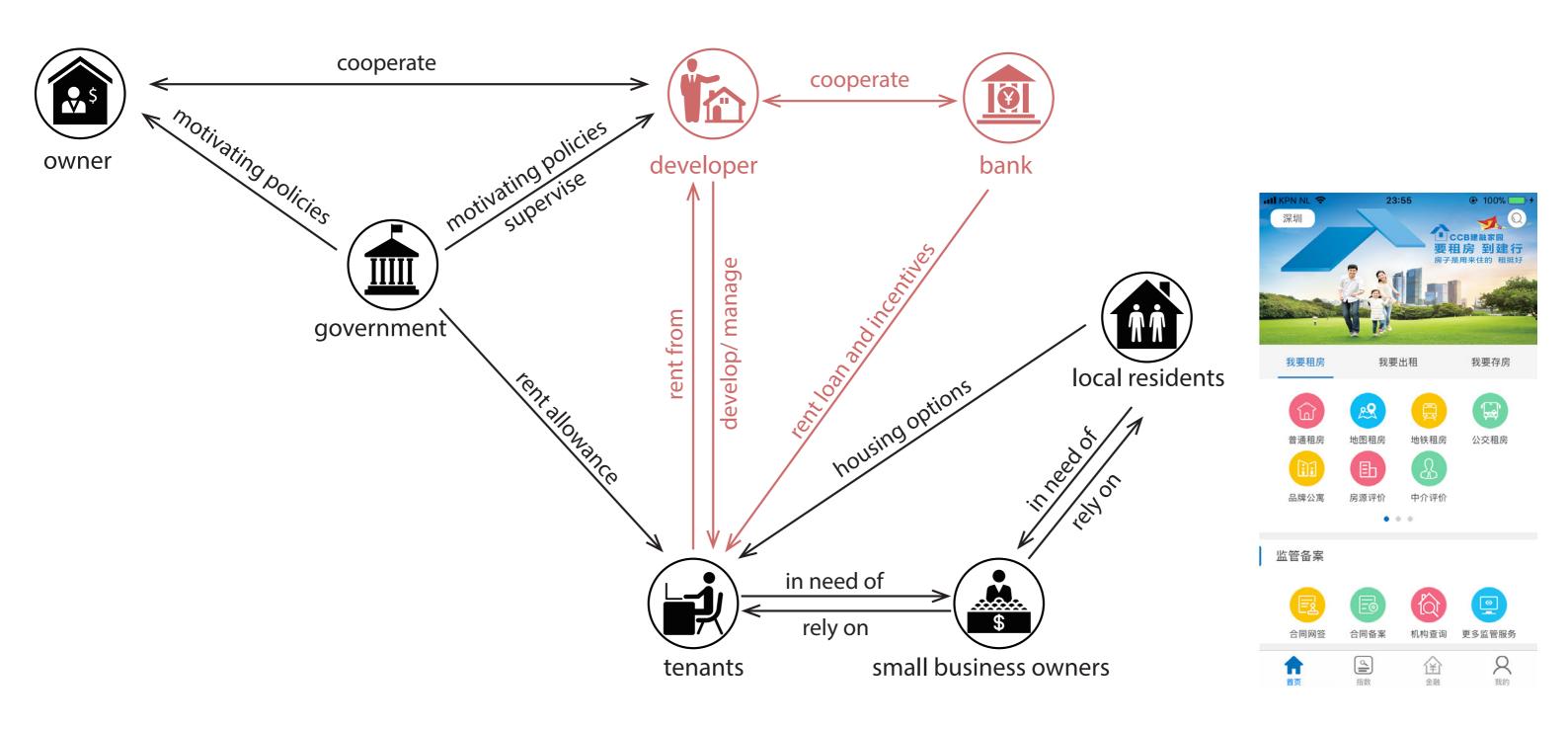




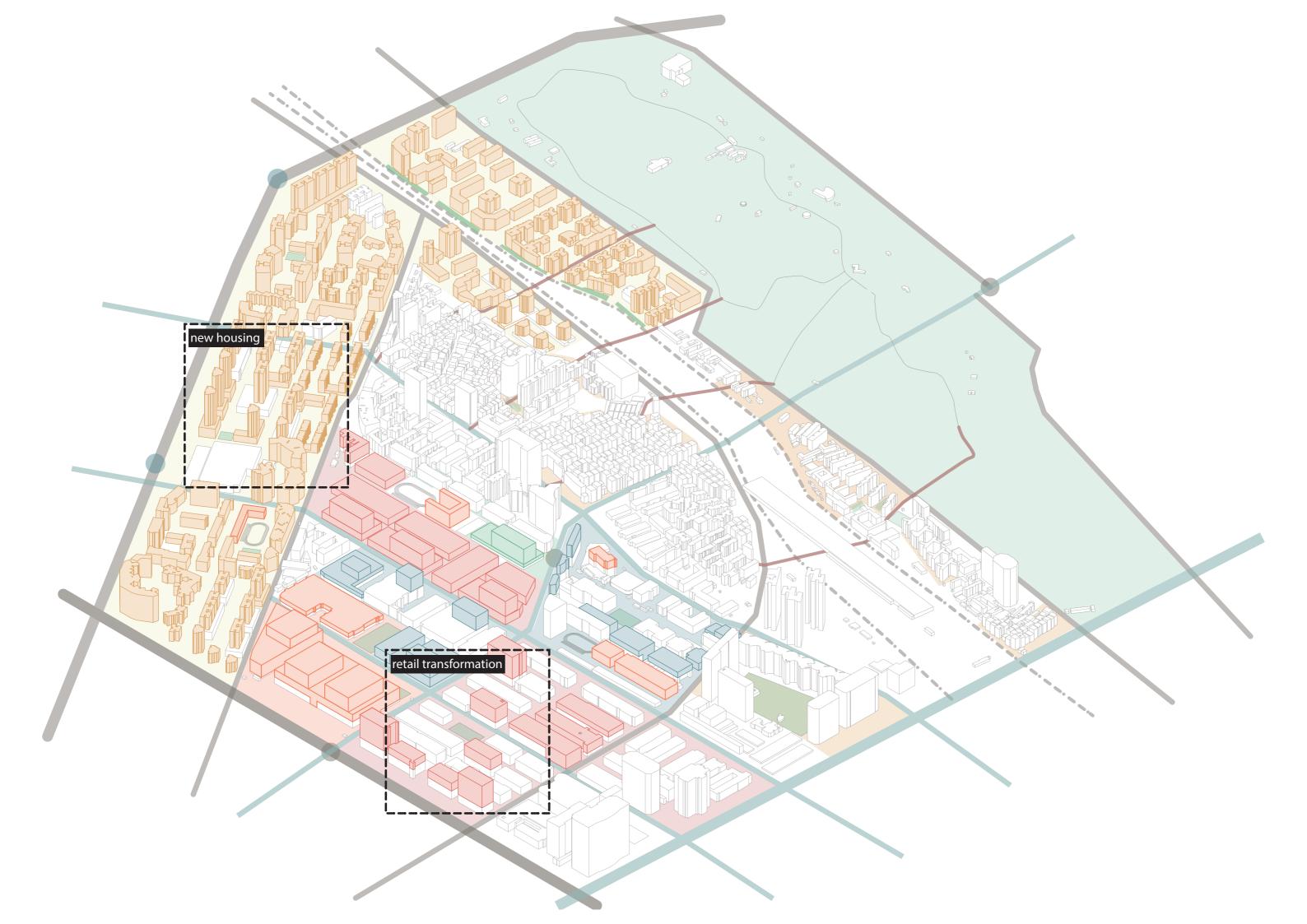


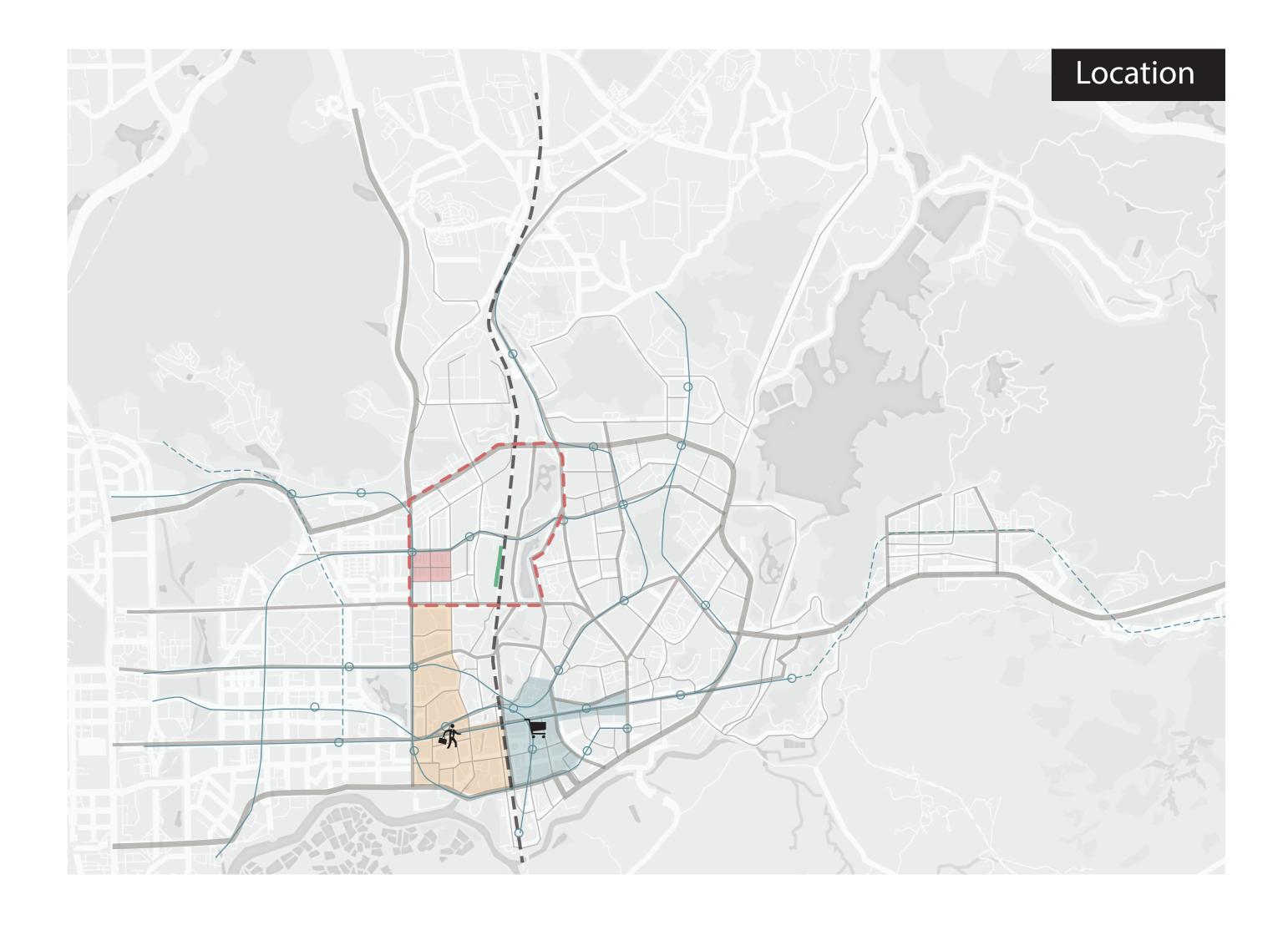
adovate long-time renting

private developers and bank



Pilot project





# Current situation

## Lack of public space

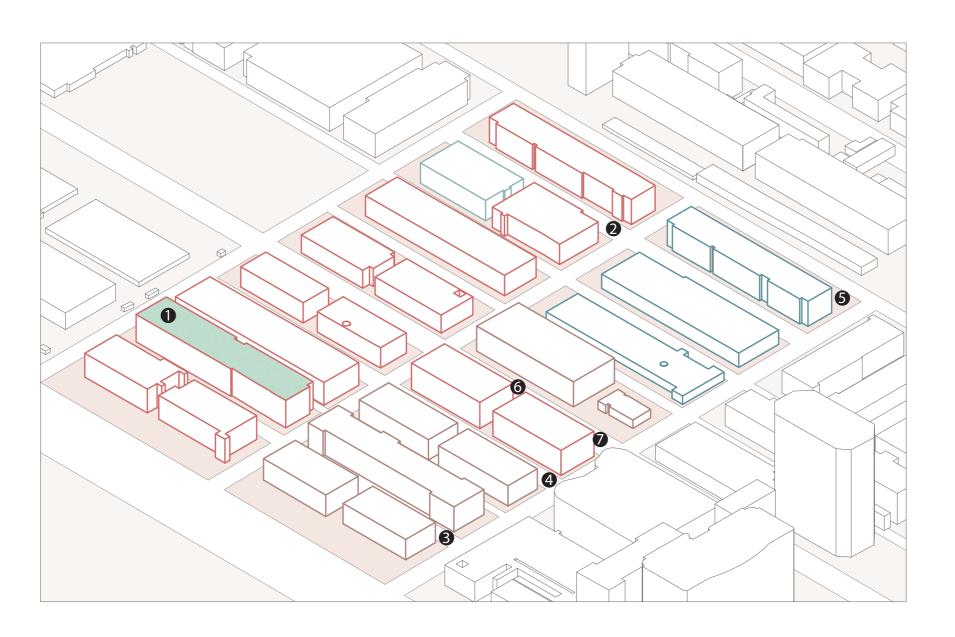


#### **Unattractive street**









## High density

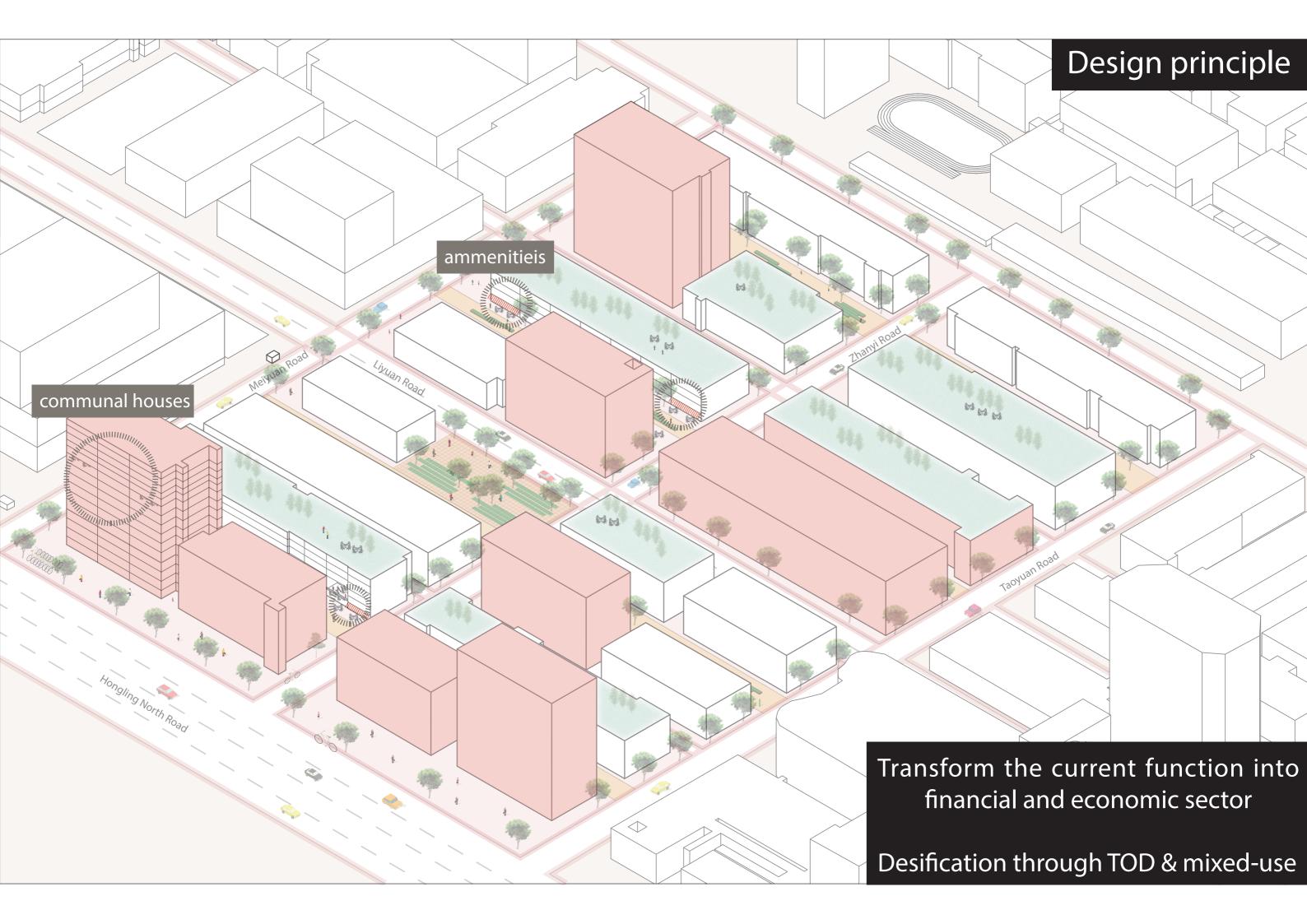
### **Mono-function**

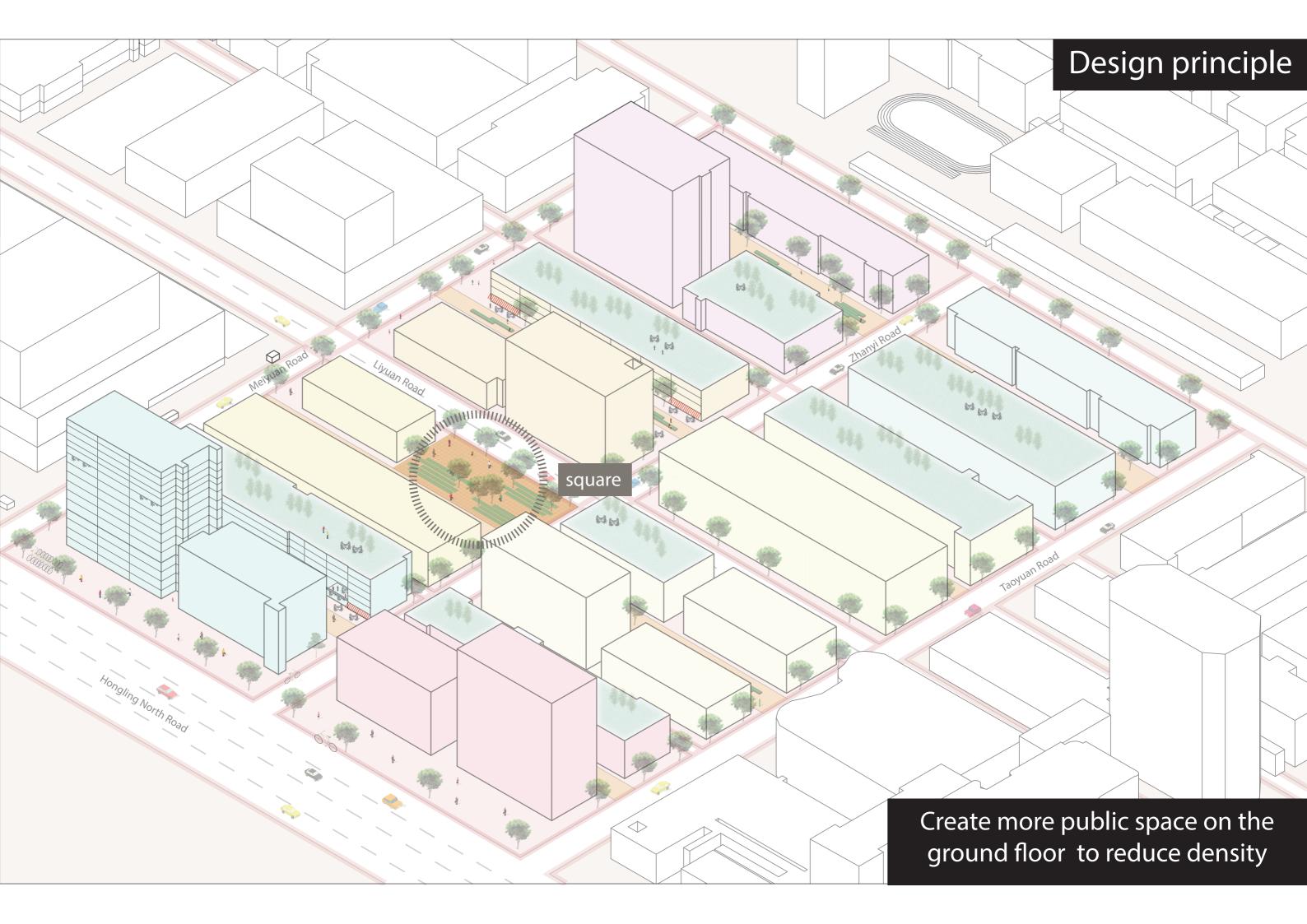


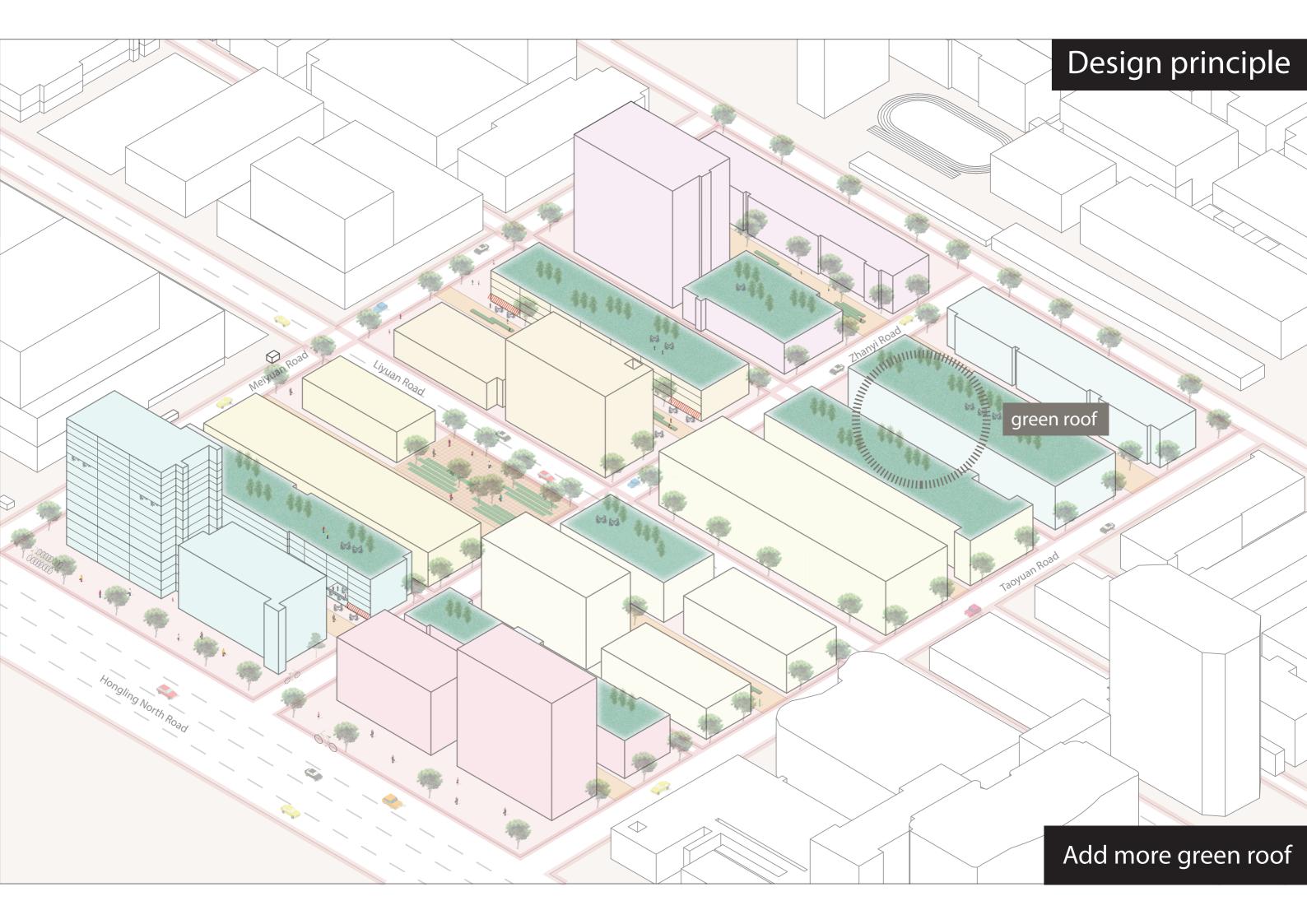
Unique urban fabric

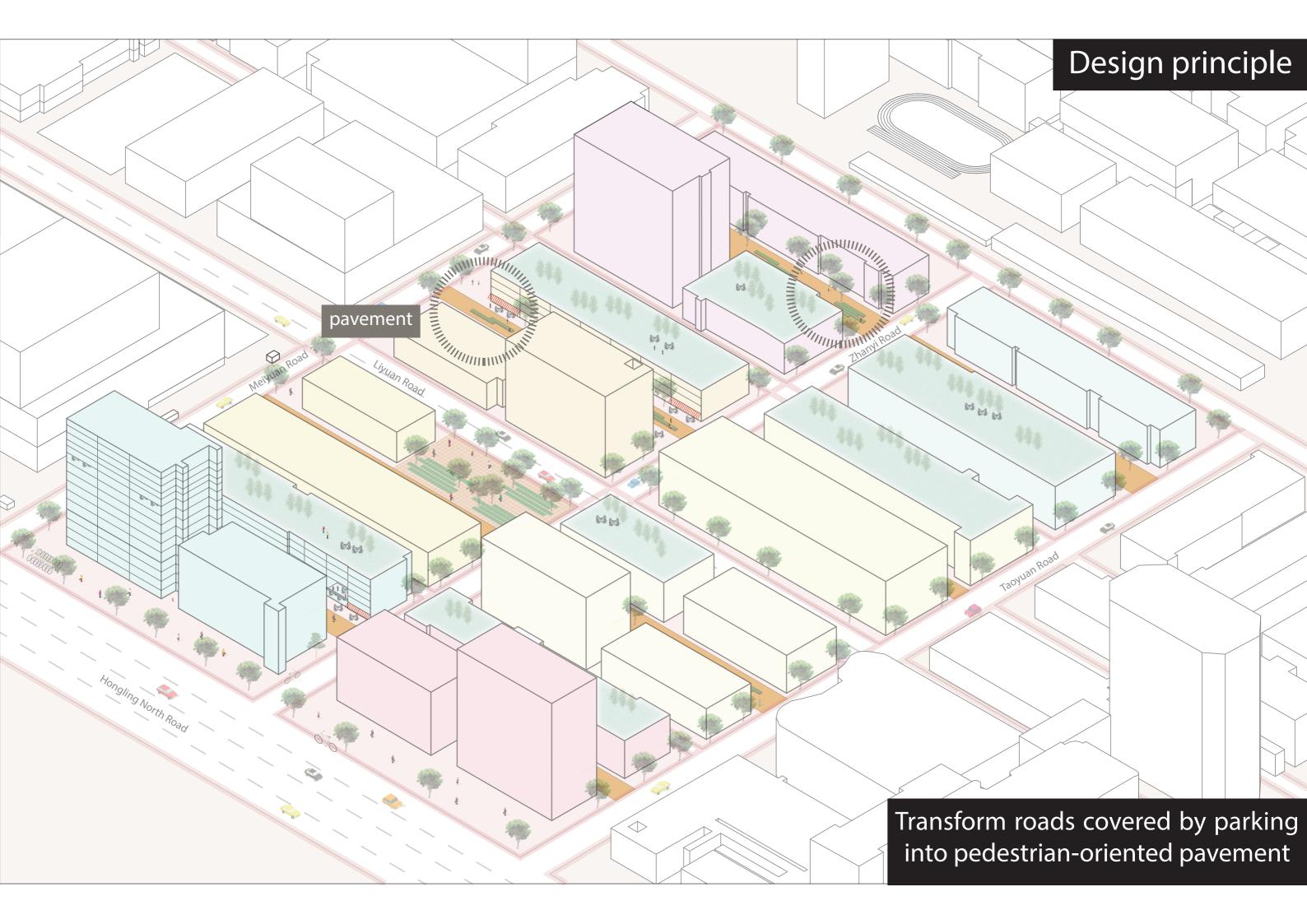


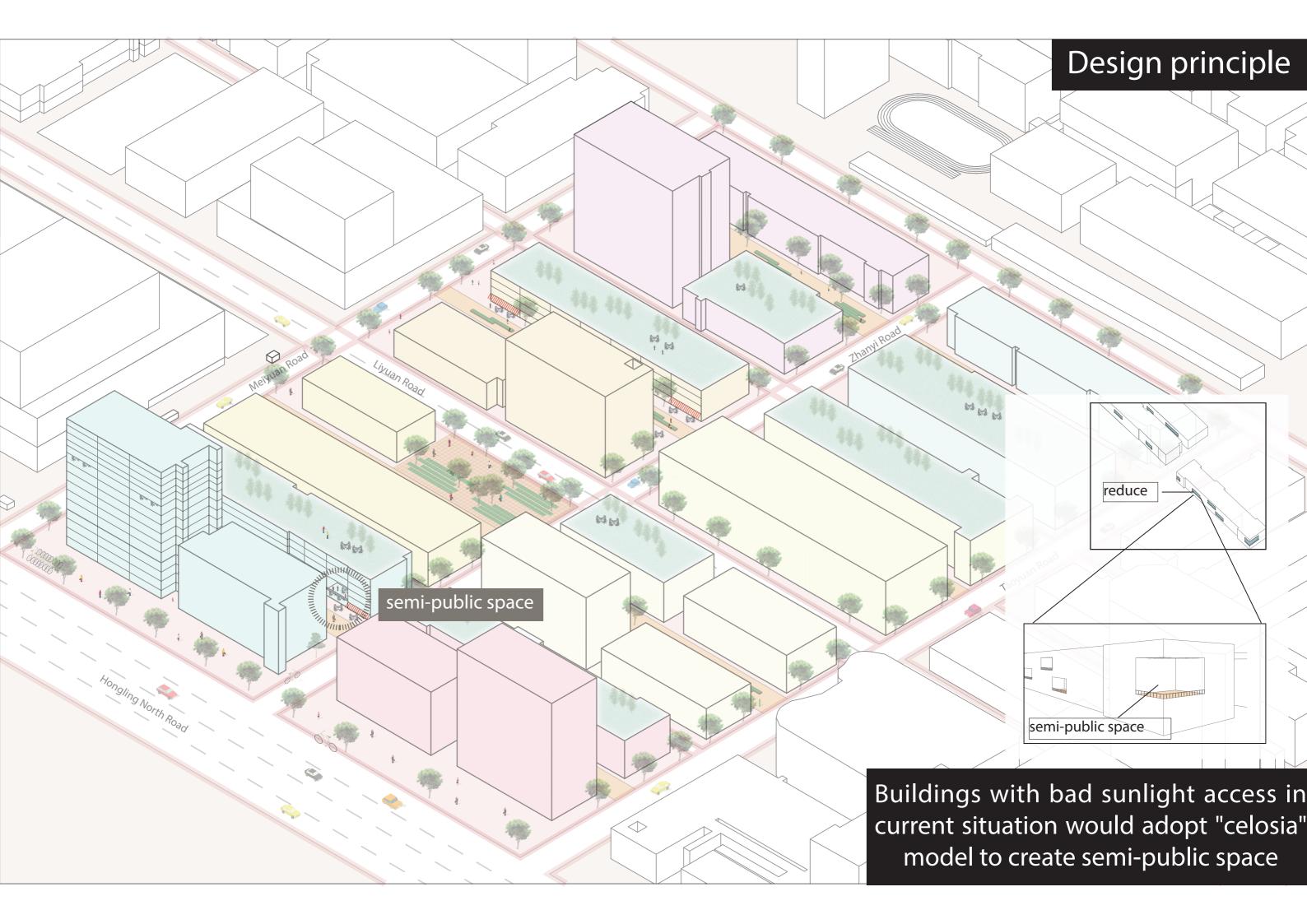




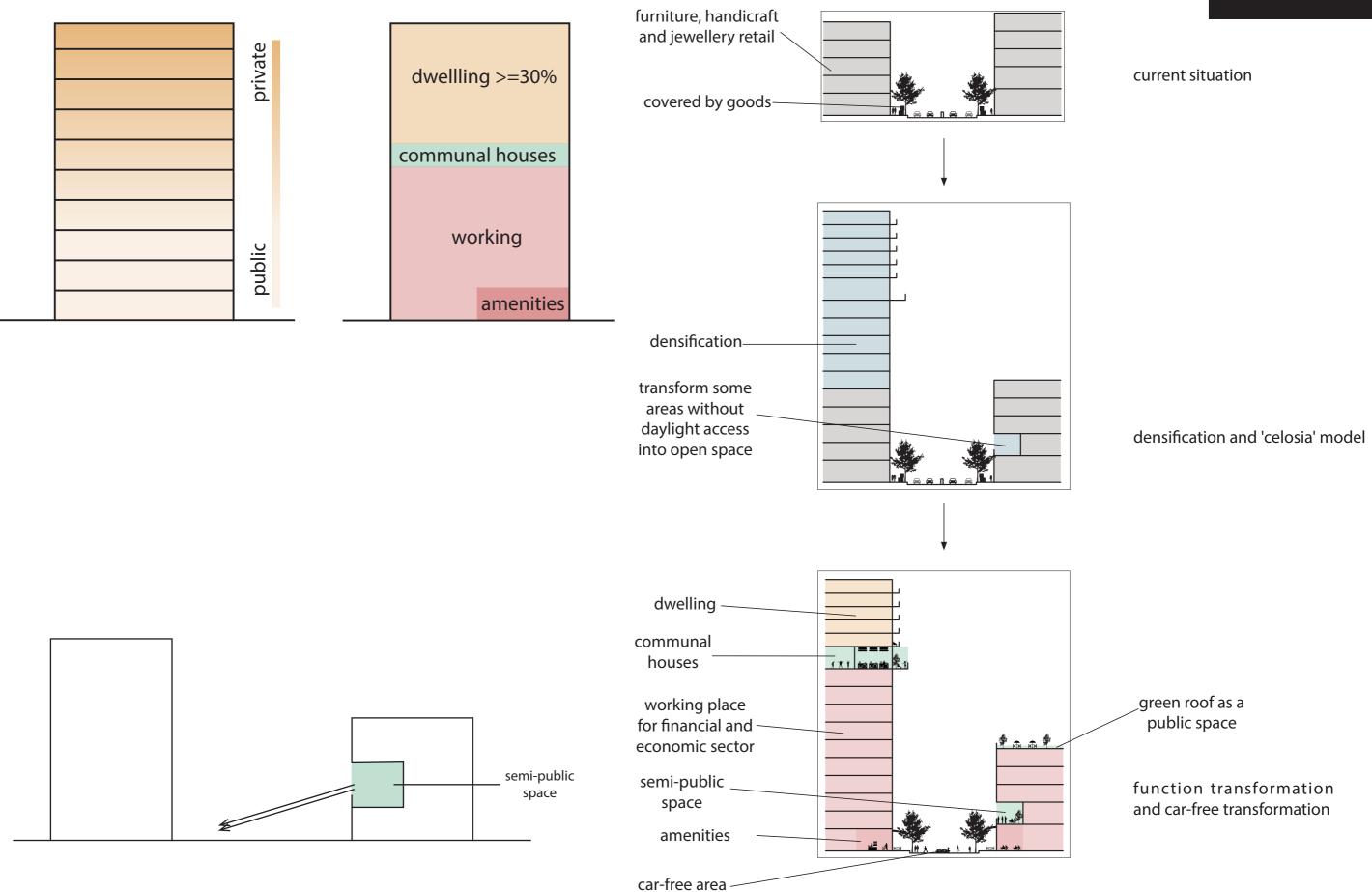






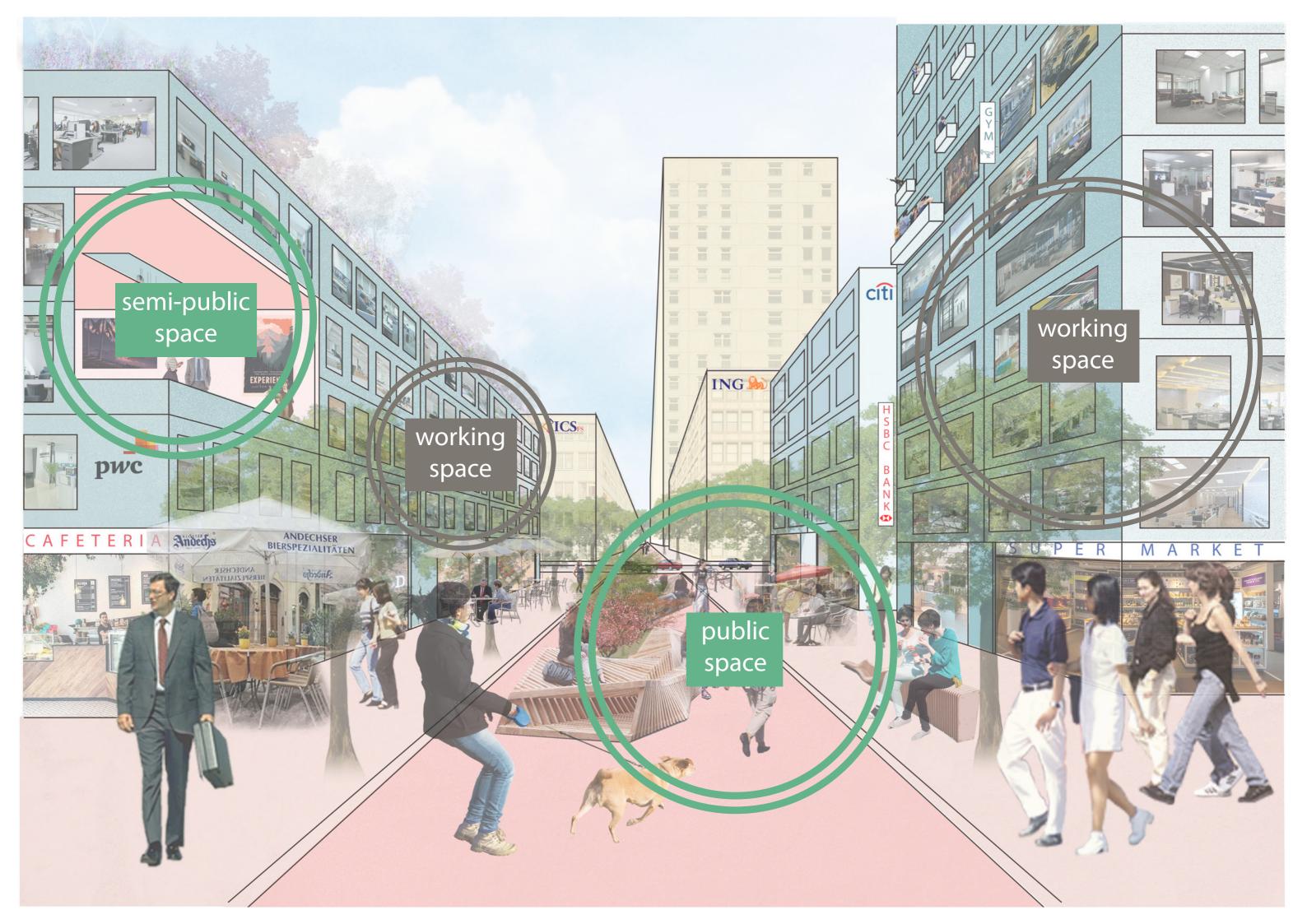


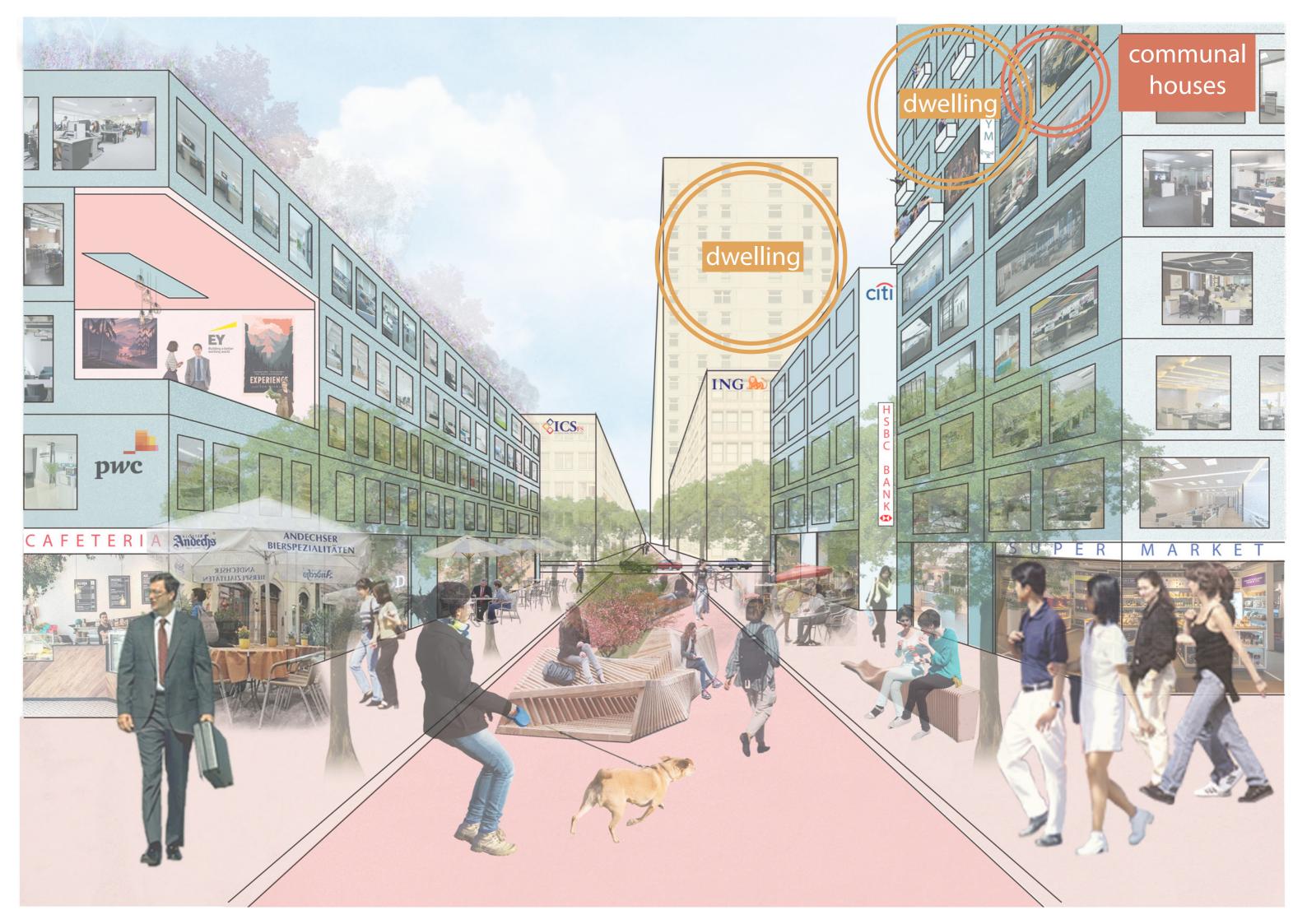
## Detail design

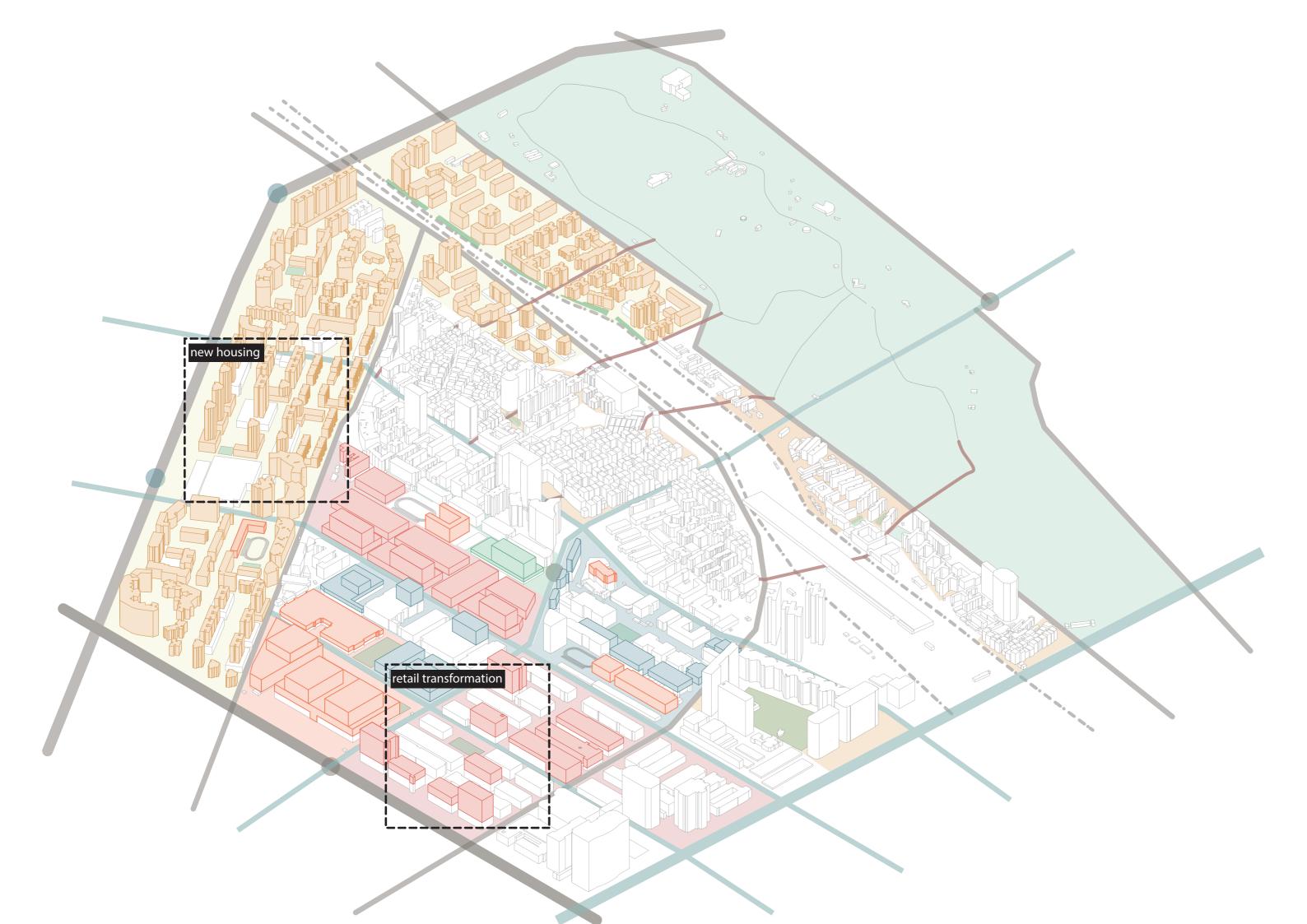












# Location

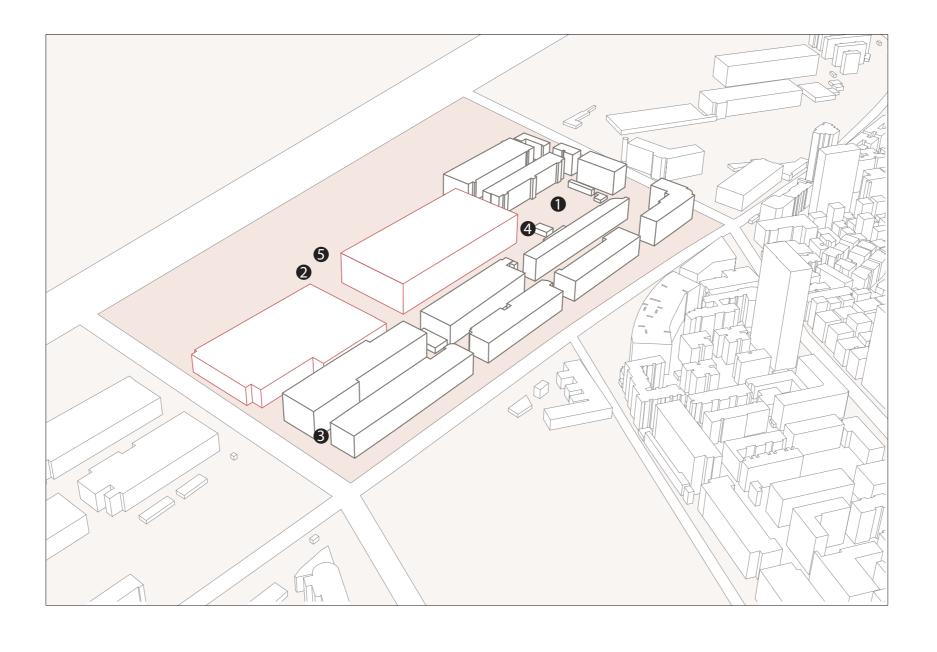
### Lack of public space





### **Mono-function**





### **Unattractive street**



Urban fabric is not suitable for dwelling



