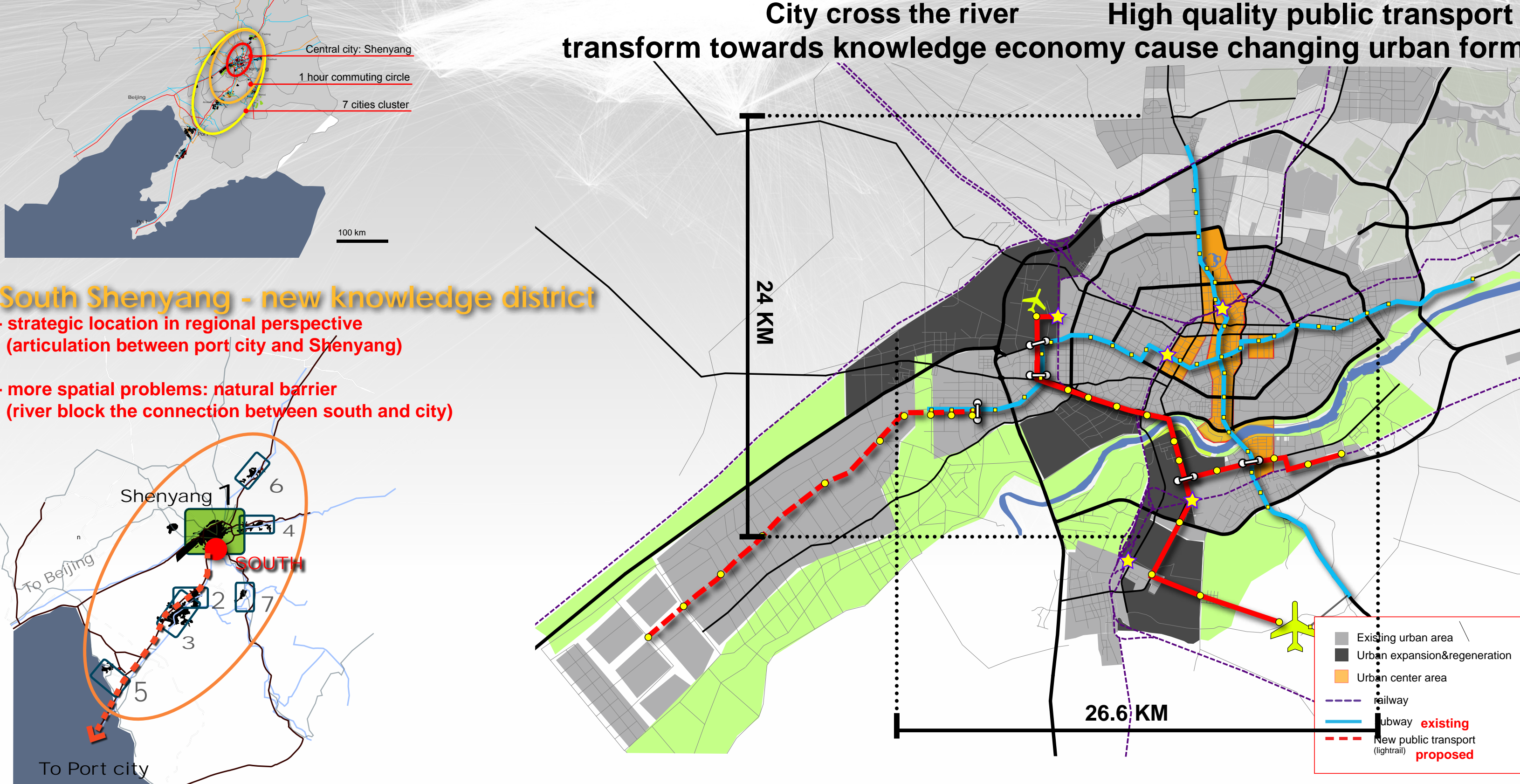


Univer 'City'

Xiaoyan Li 1379941

new livable creative city in the KNOWLEDGED PERIPHERY of Shenyang

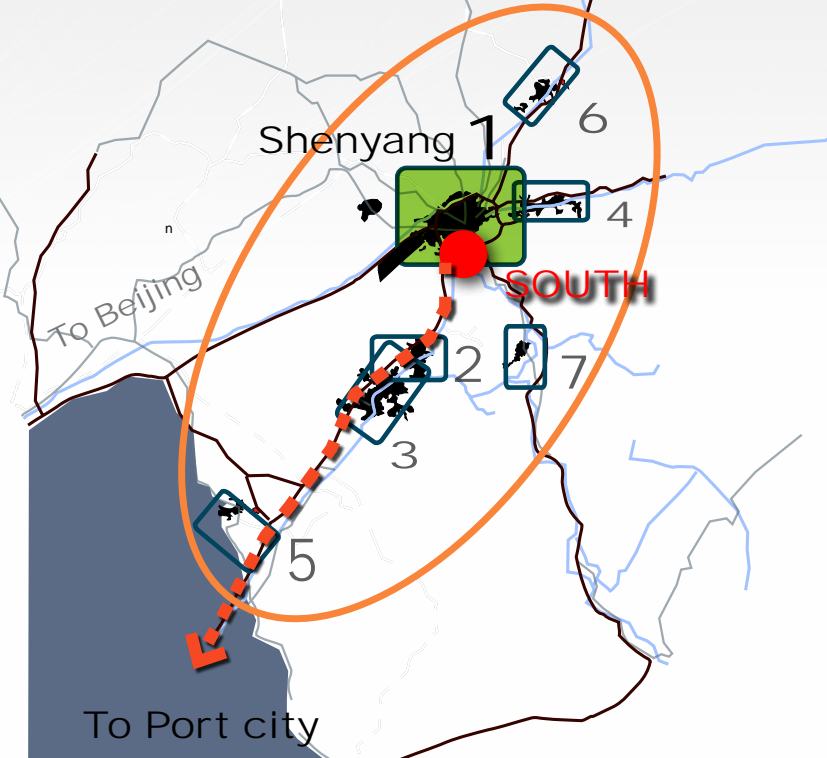
Shenyang: the knowledge capital of Northeast China Long term vision for Shenyang



South Shenyang - new knowledge district

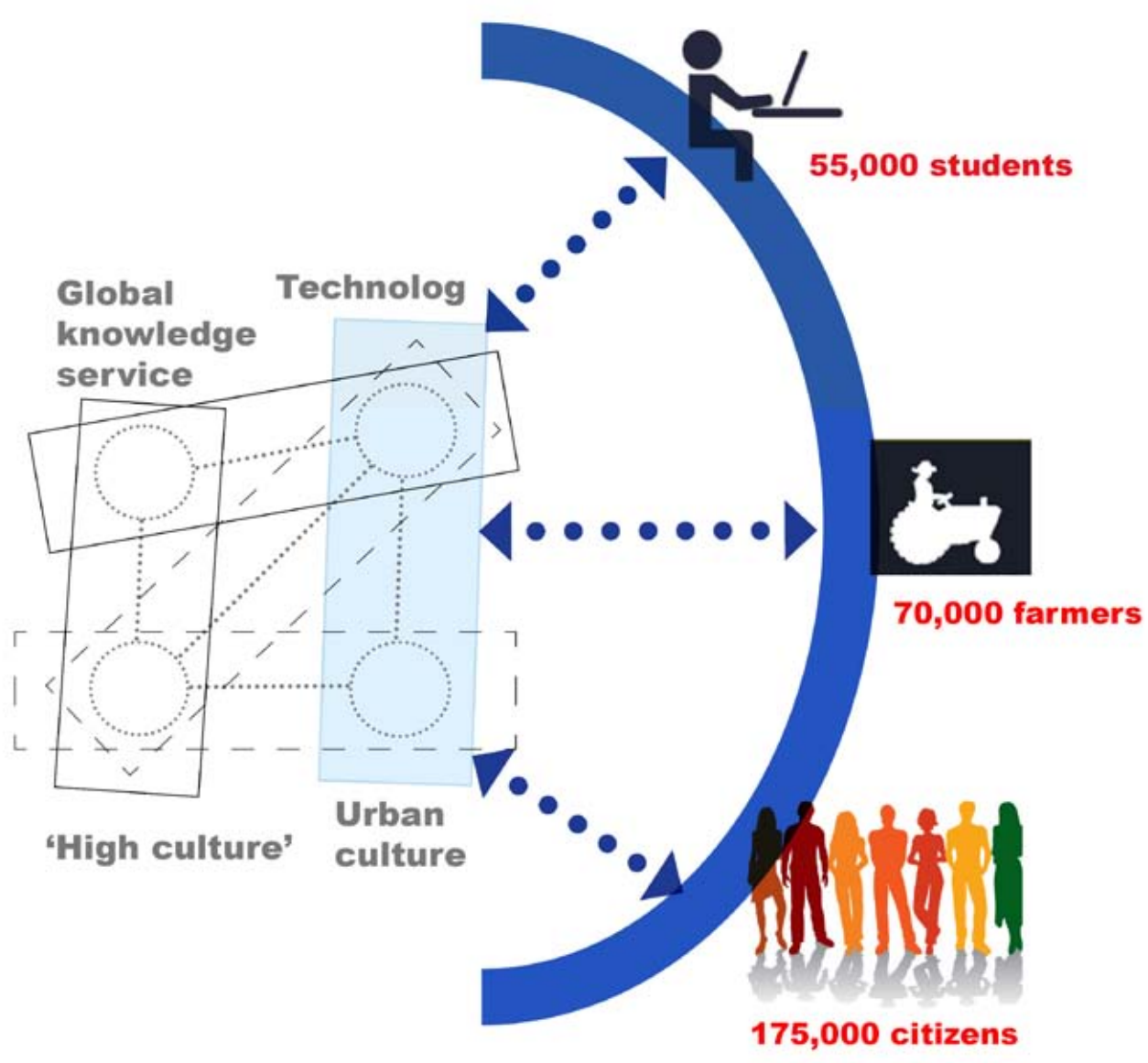
- strategic location in regional perspective (articulation between port city and Shenyang)

- more spatial problems: natural barrier (river block the connection between south and city)



Family of urban knowledge base

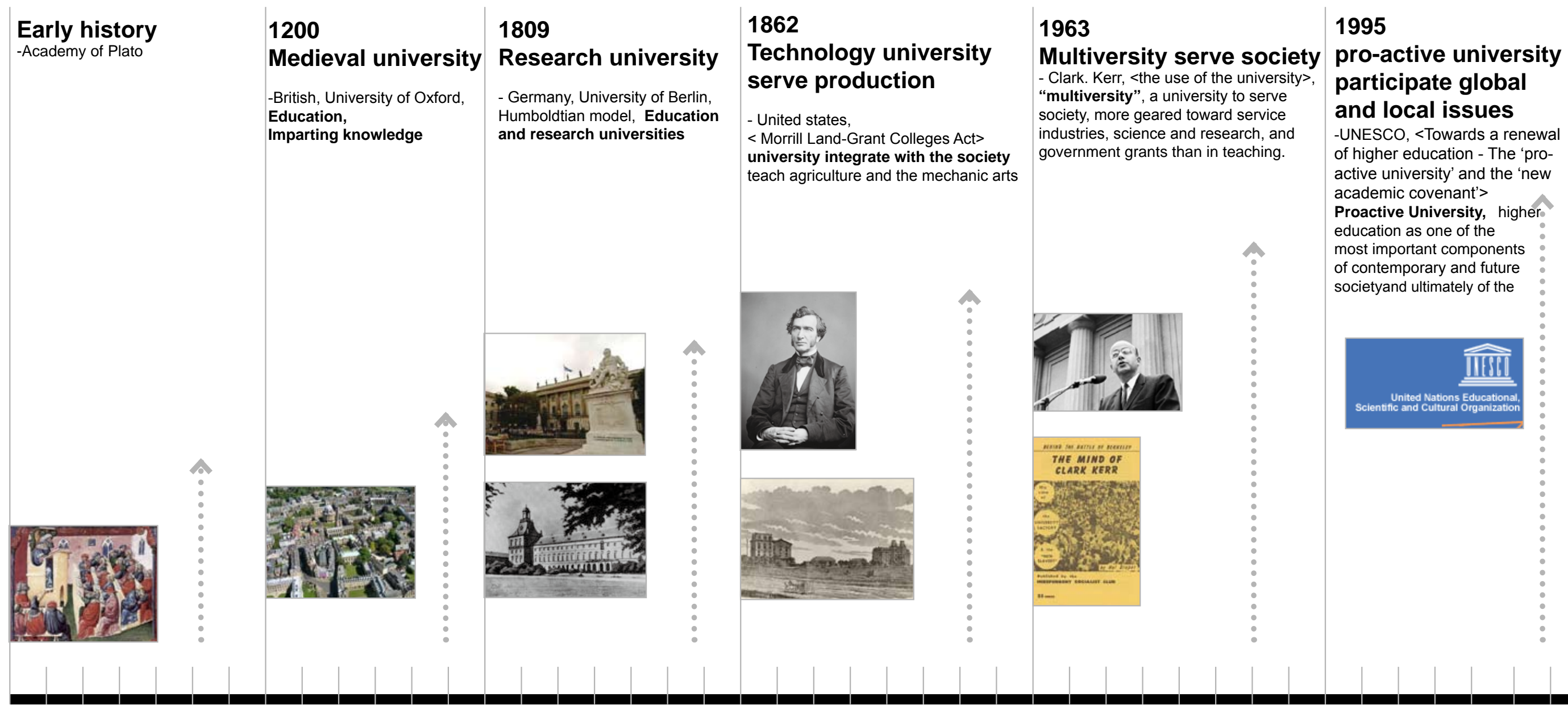
- spatial elements of knowledge economy



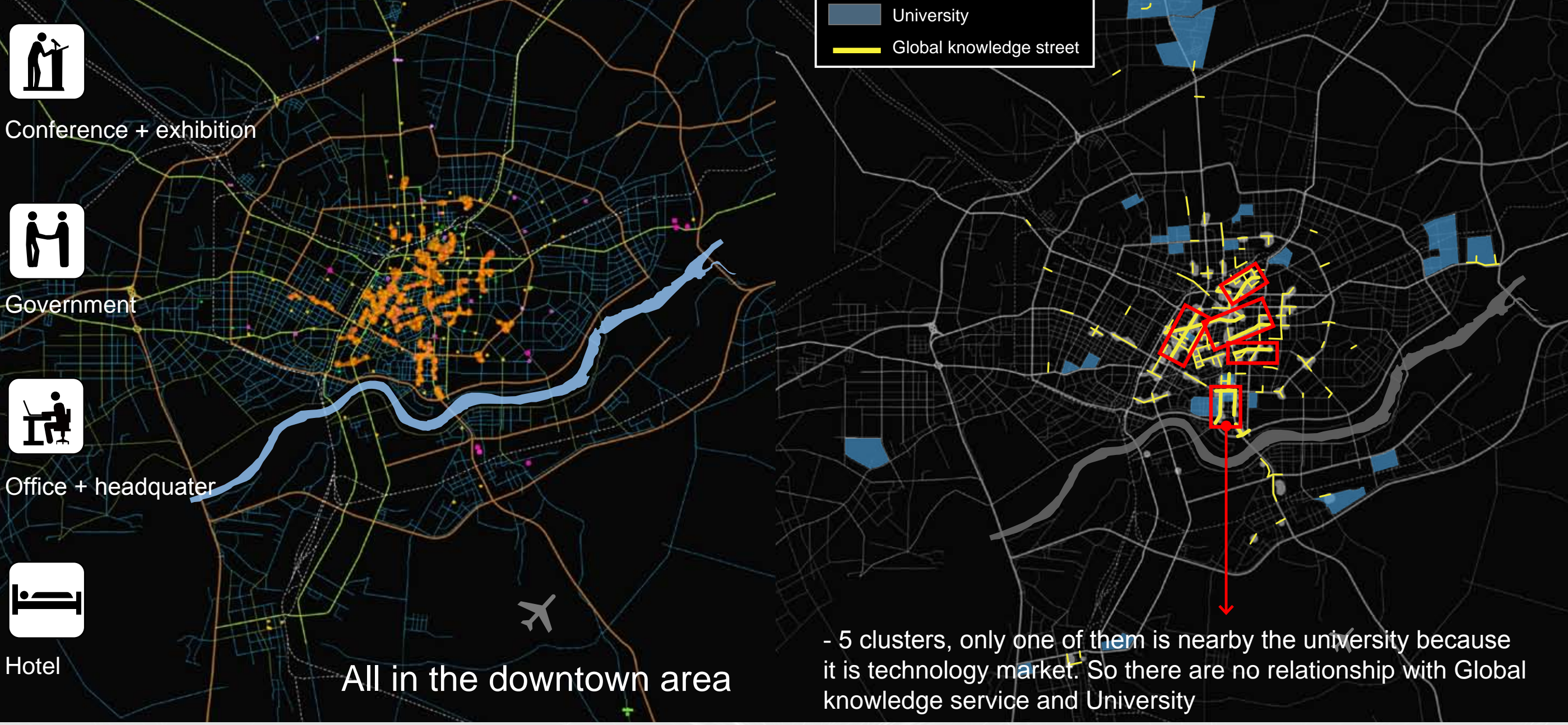
Hypothesis - university can be combined with 'urban culture' function to improve urban living quality

Evolution of university - inclusive of new program & integration with the city

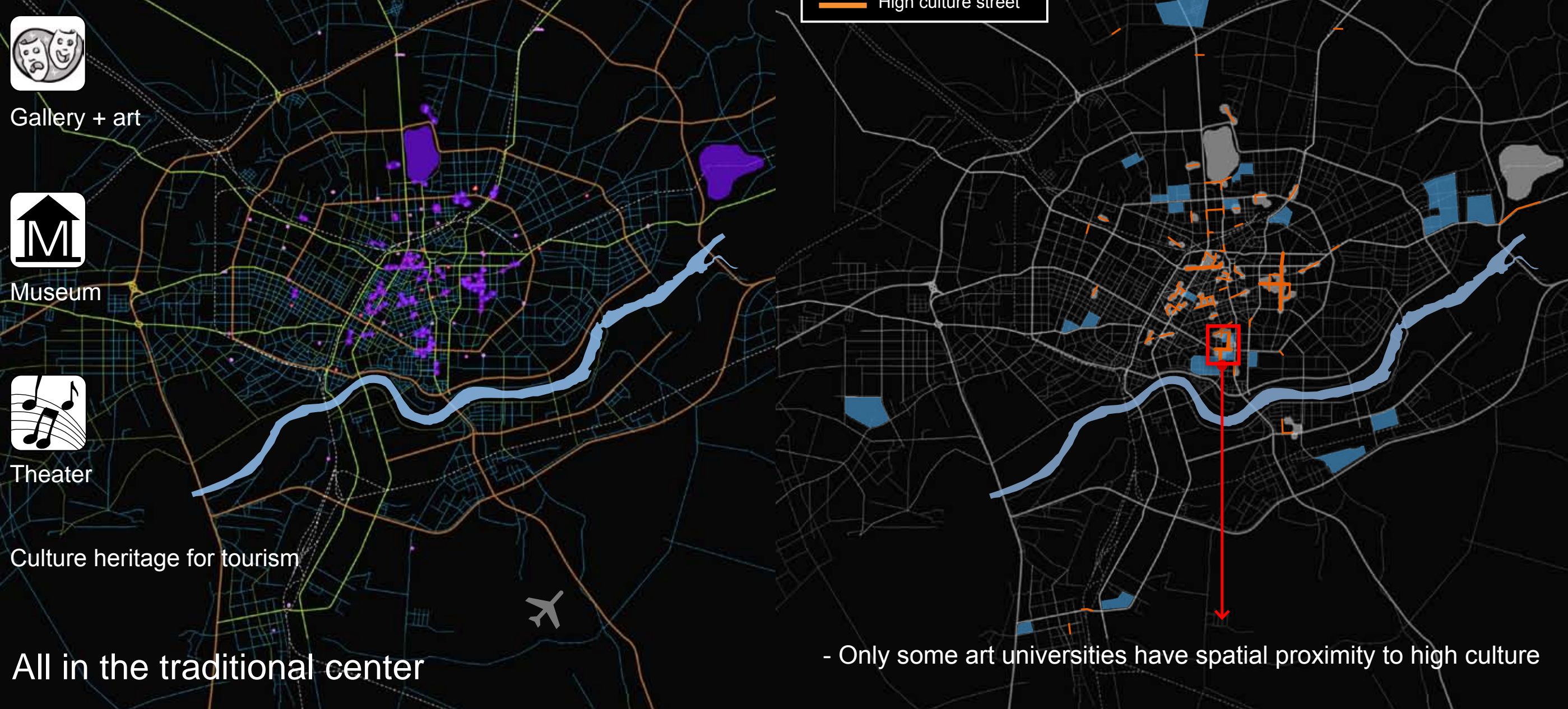
University is becoming more and more integrated with other activities and symbiosis with urban context again after large modern closed style campus.



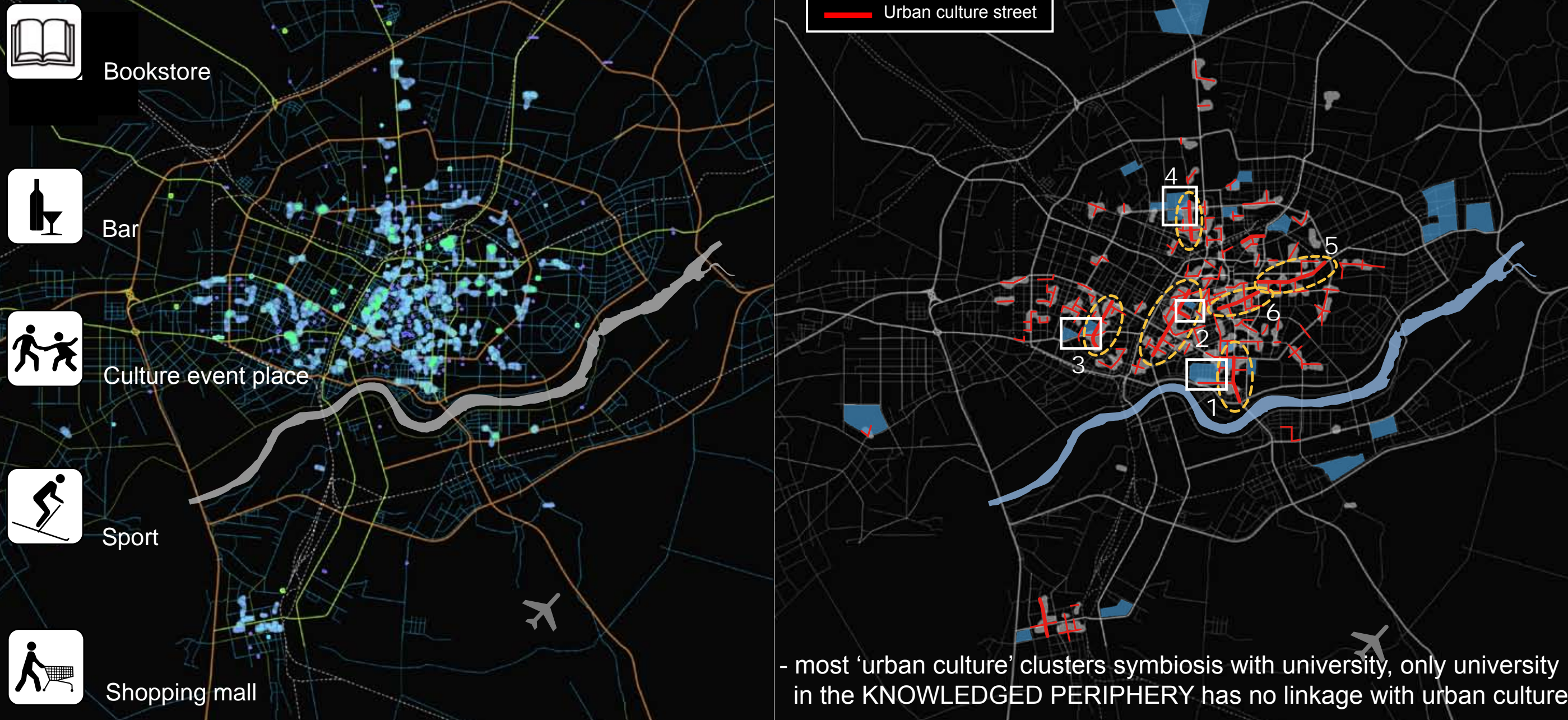
Global knowledge service



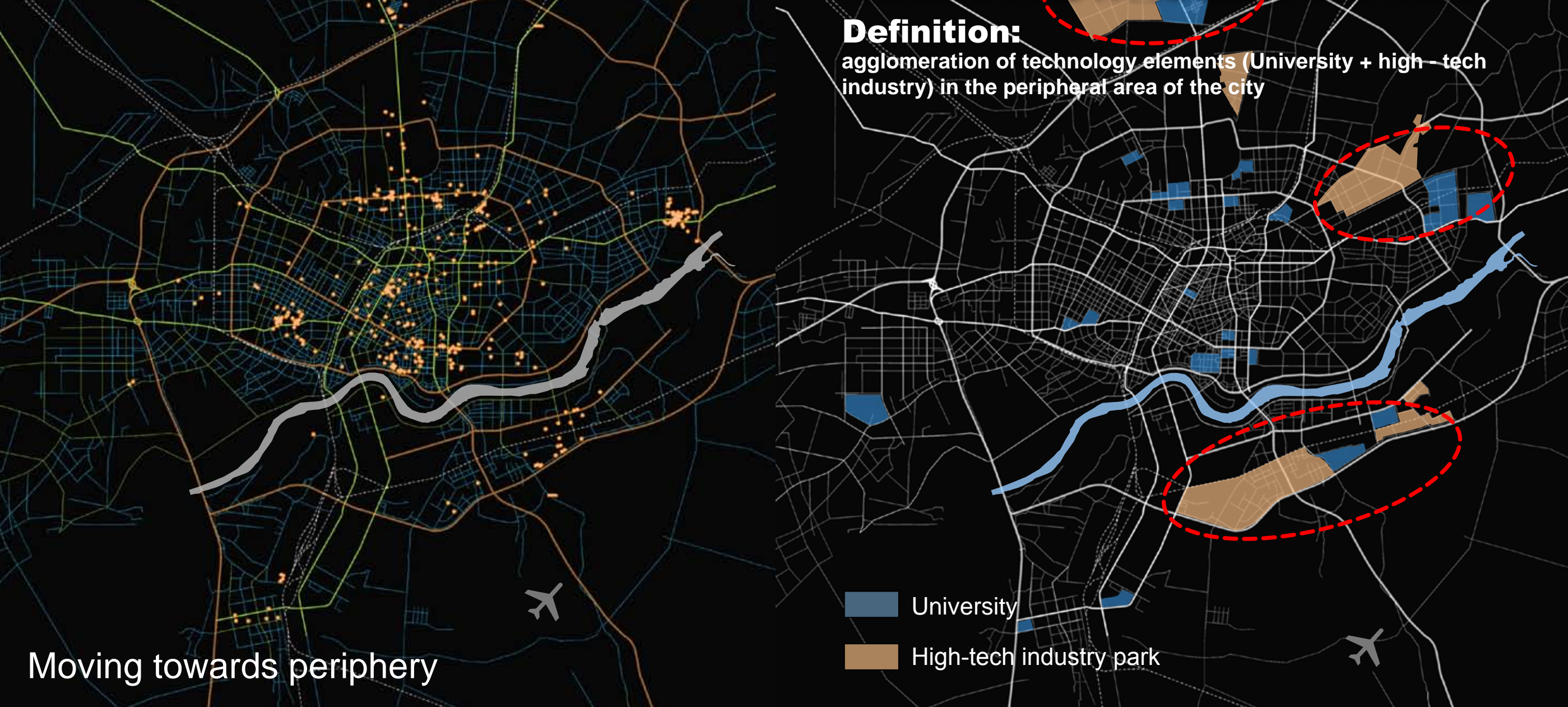
'High culture'



'Urban culture' All in the living area

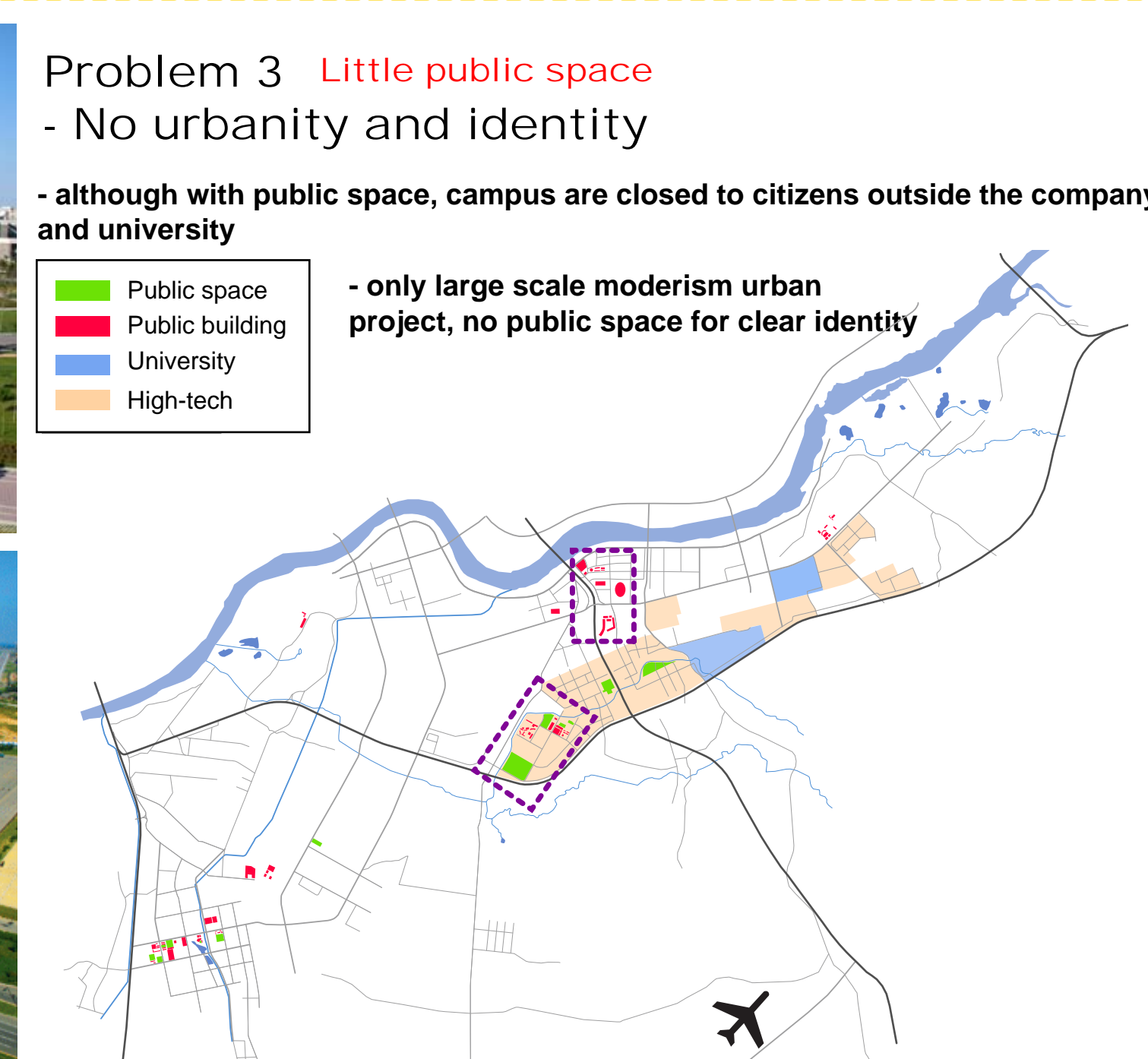
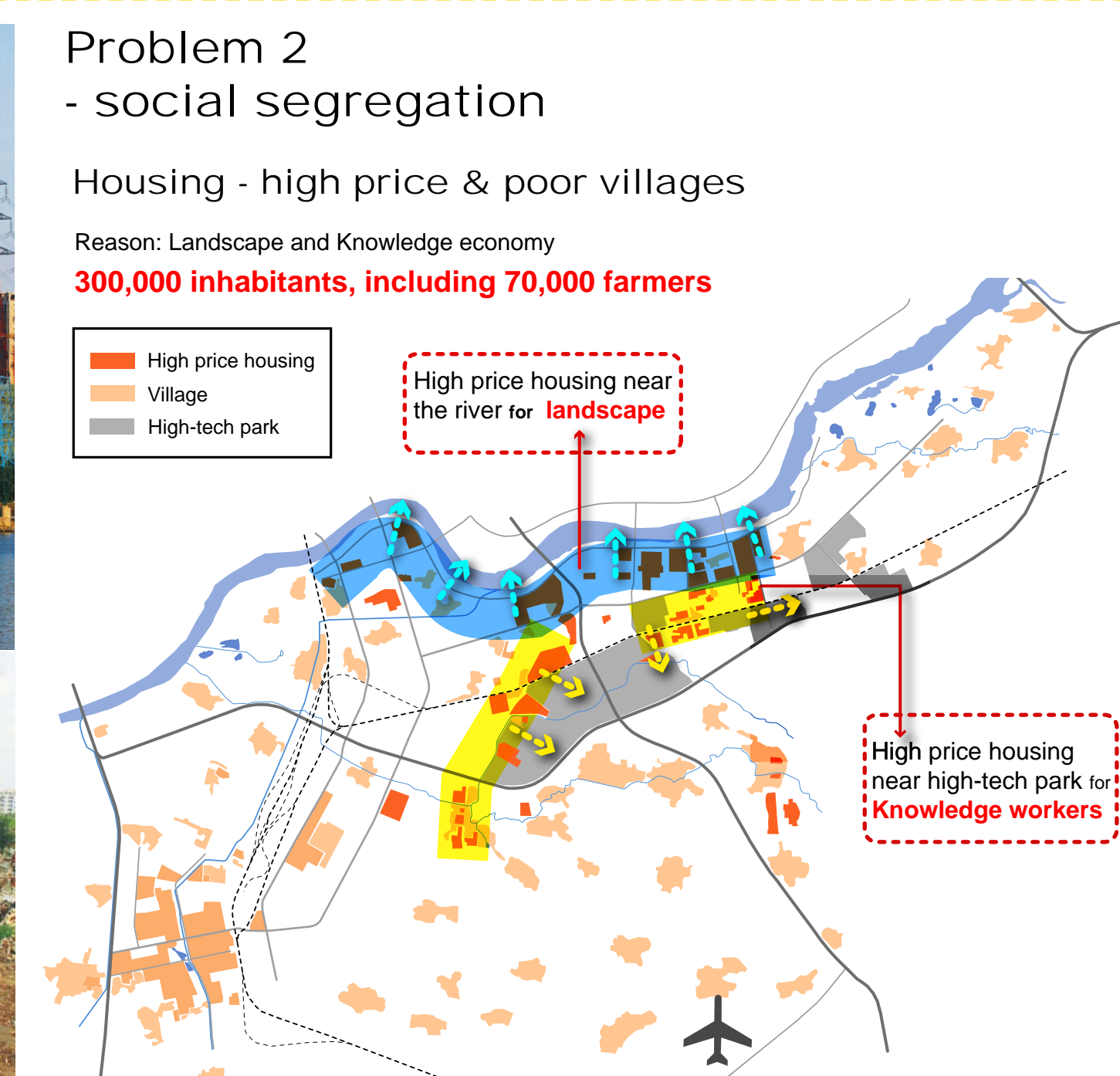
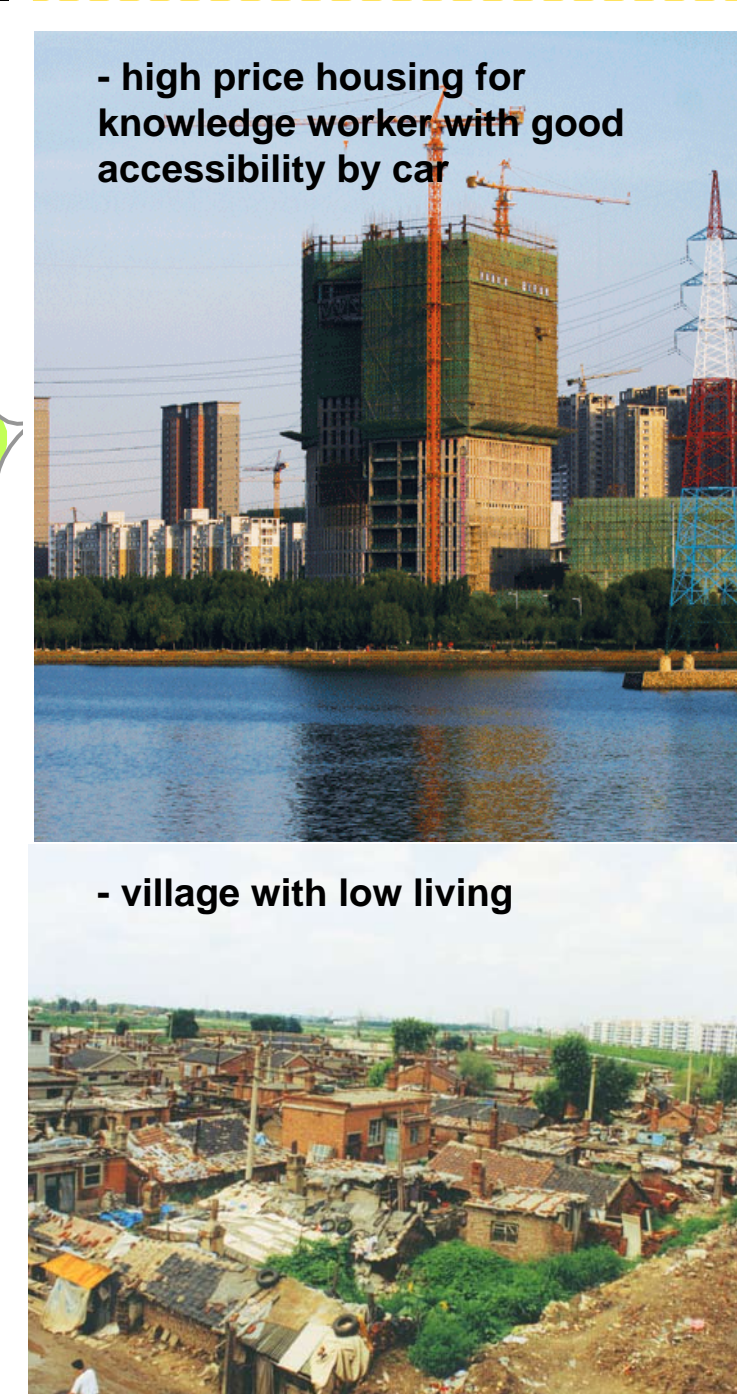
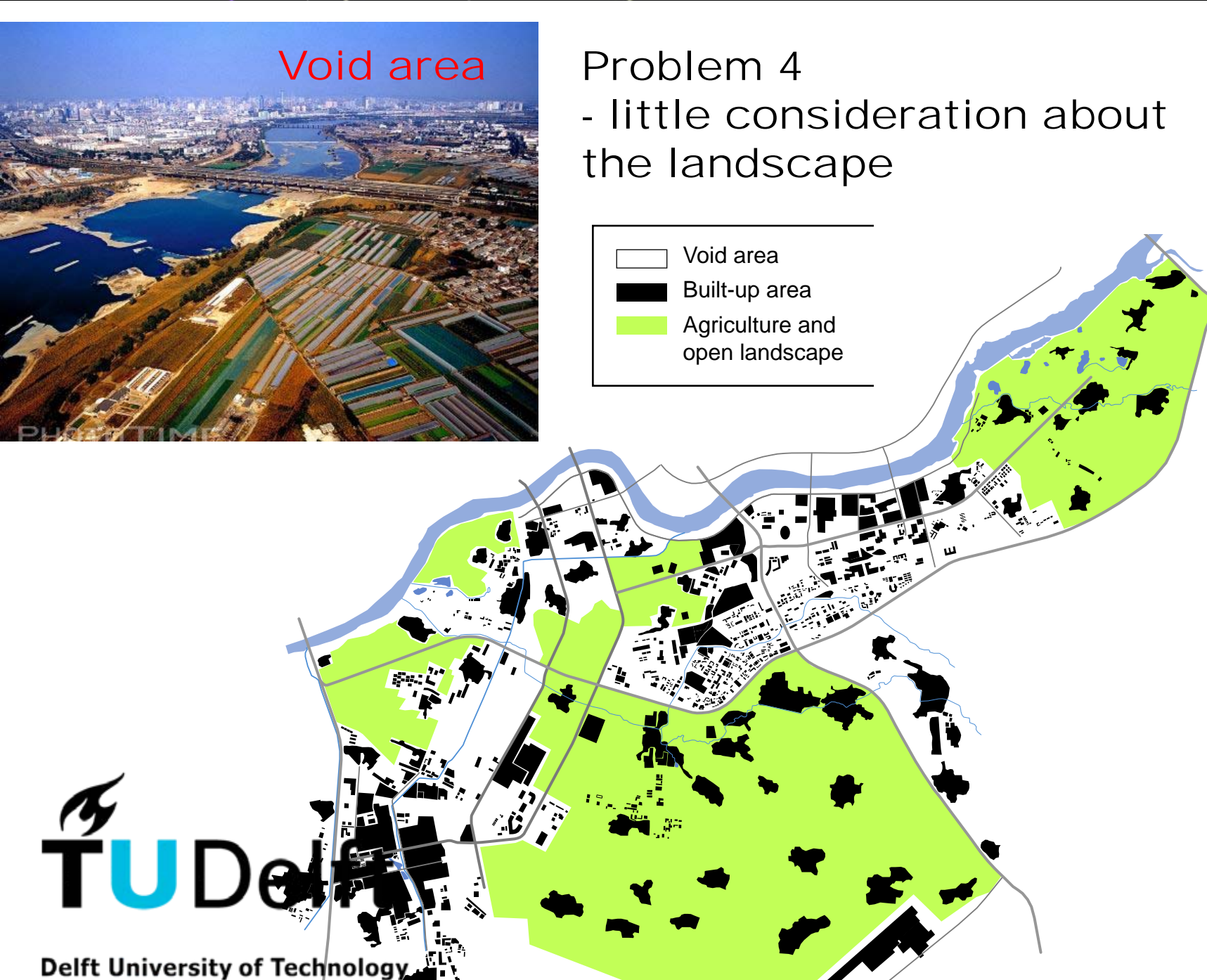
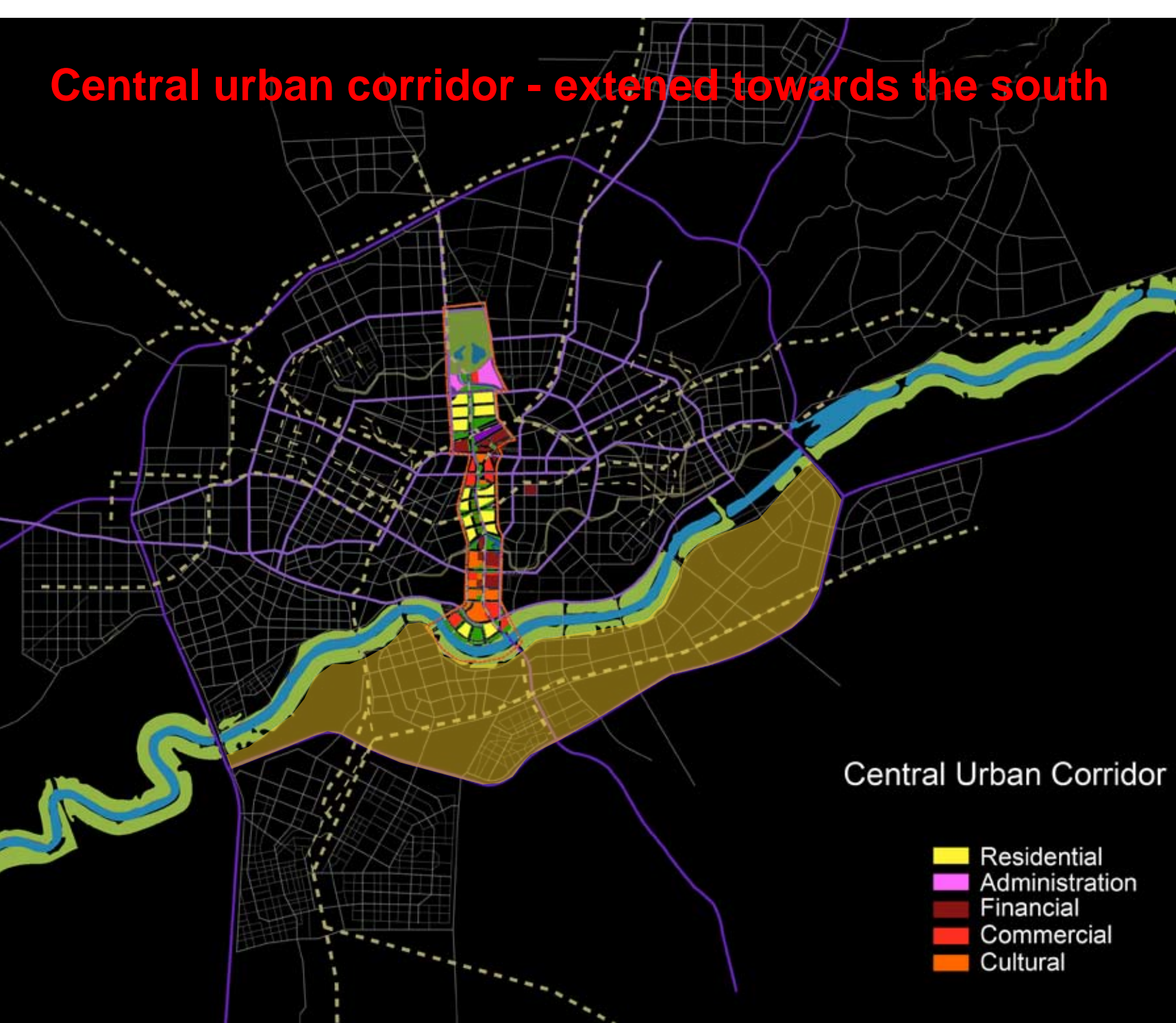


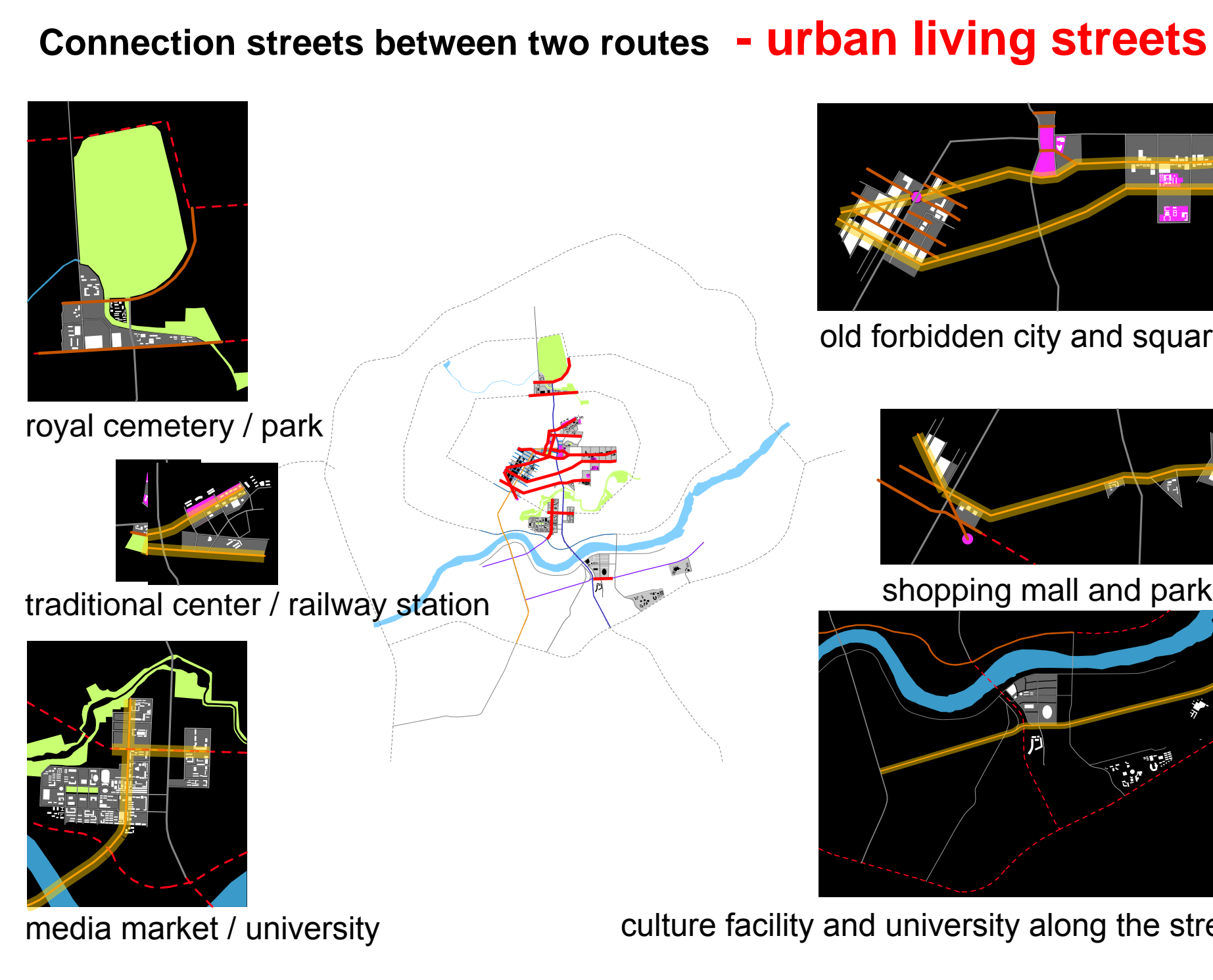
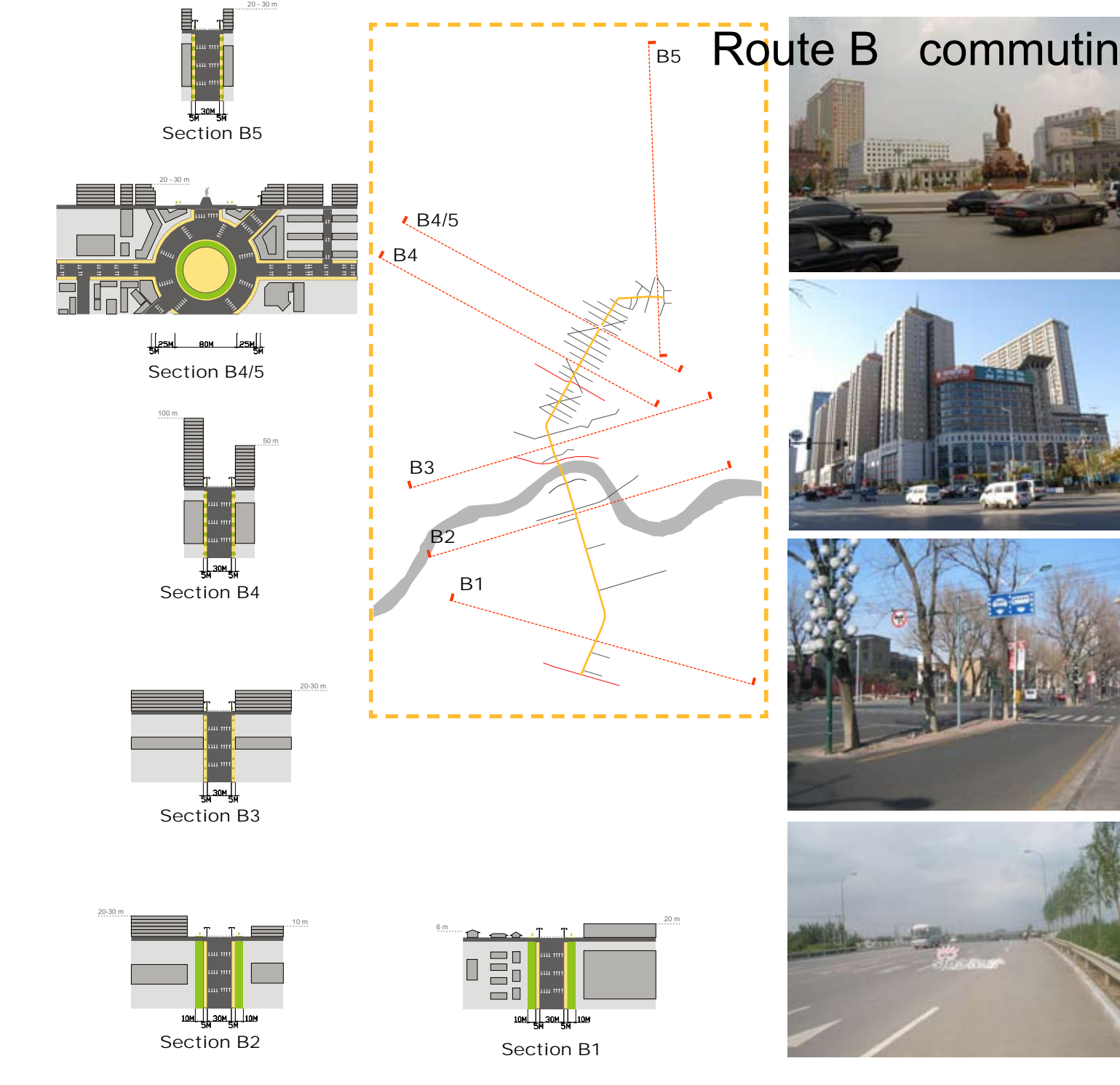
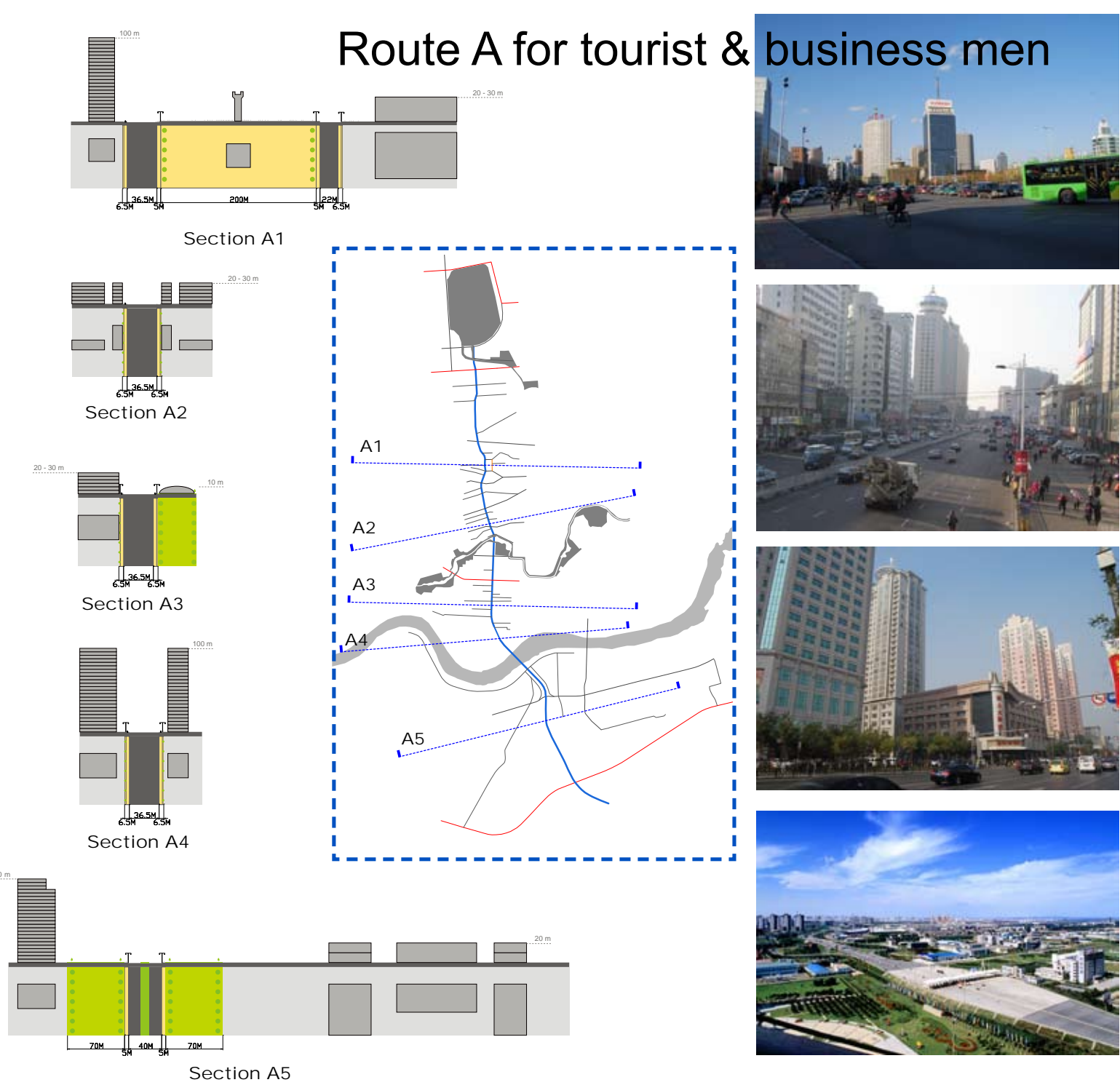
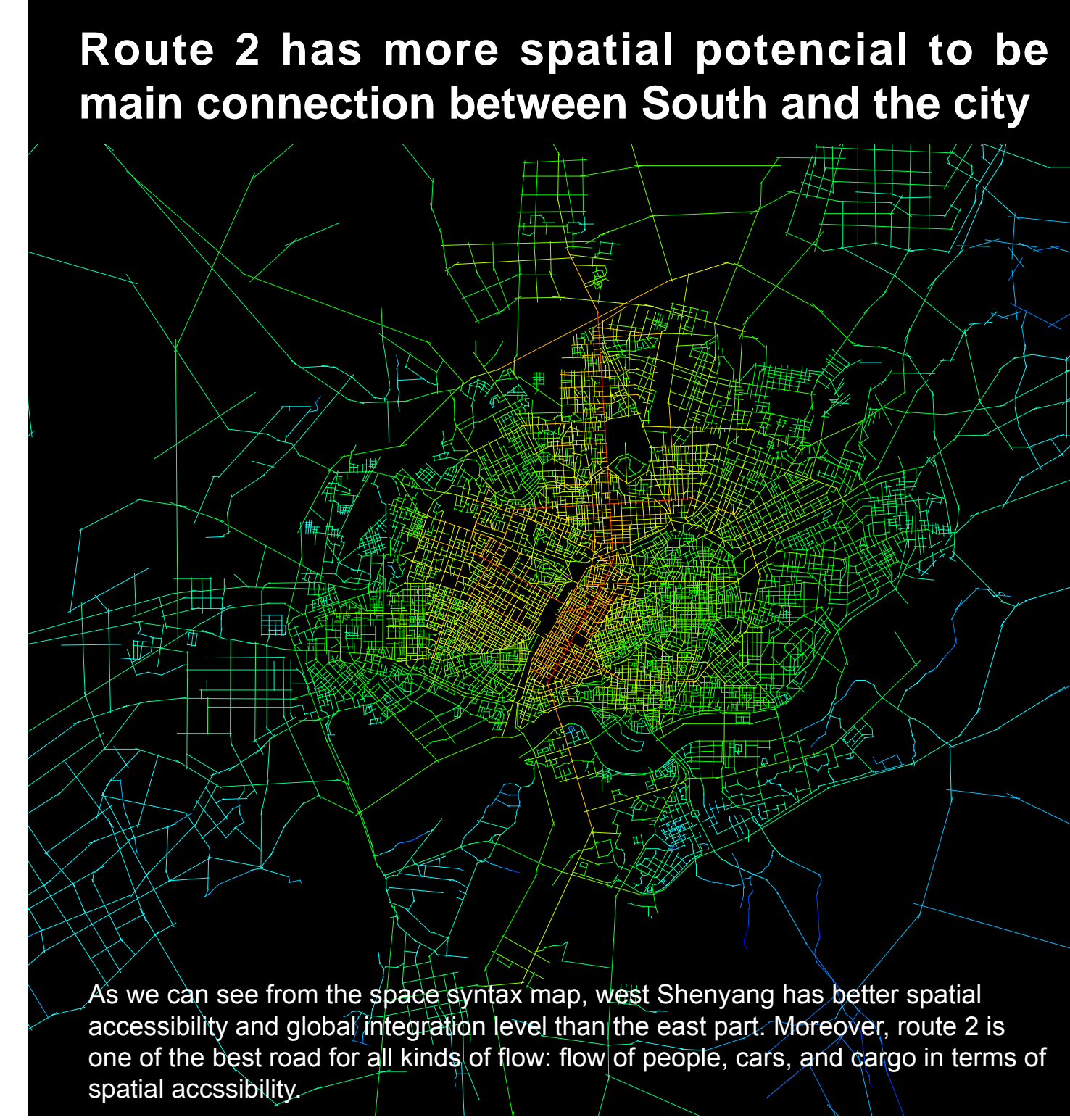
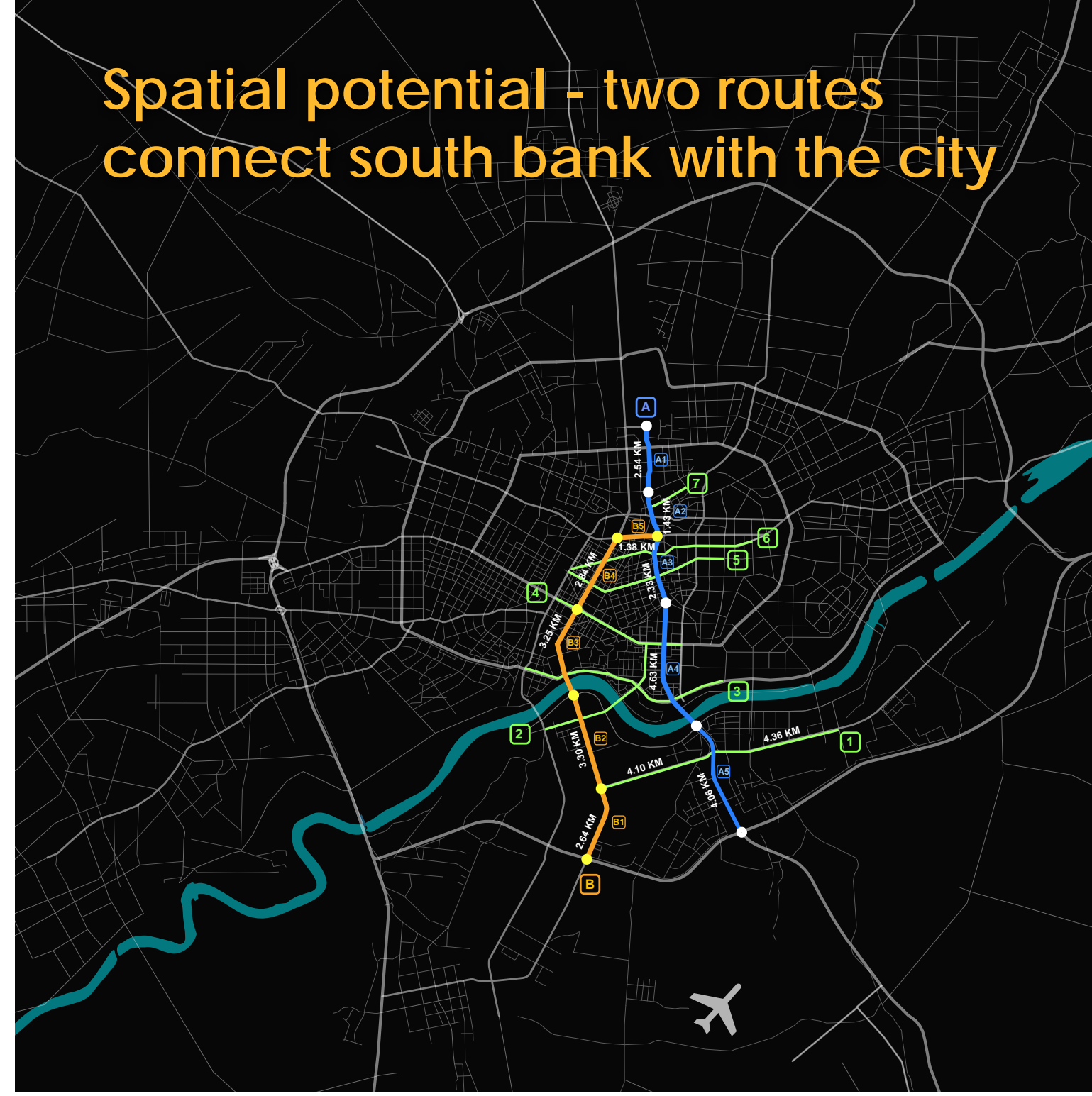
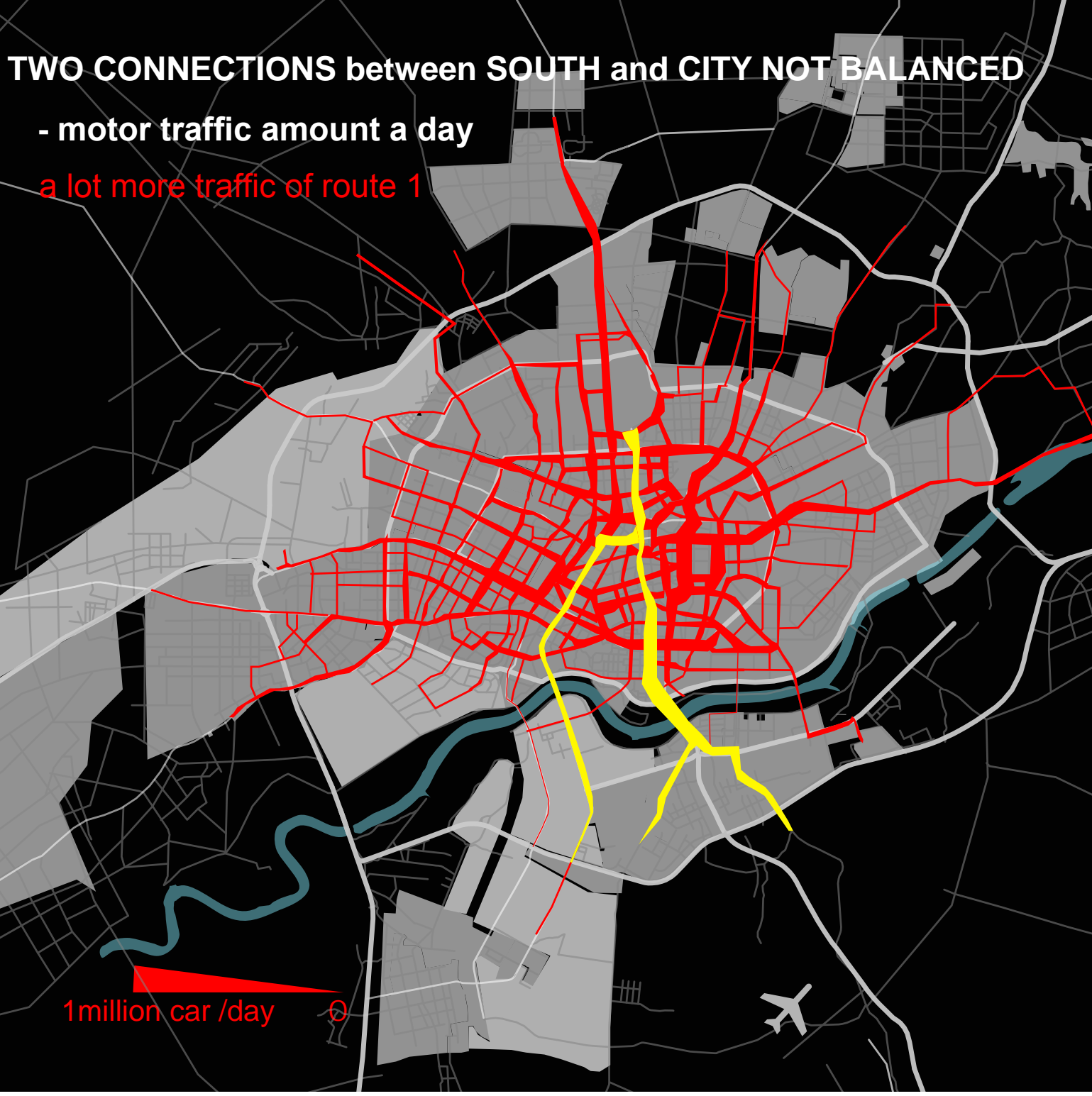
Technology: University



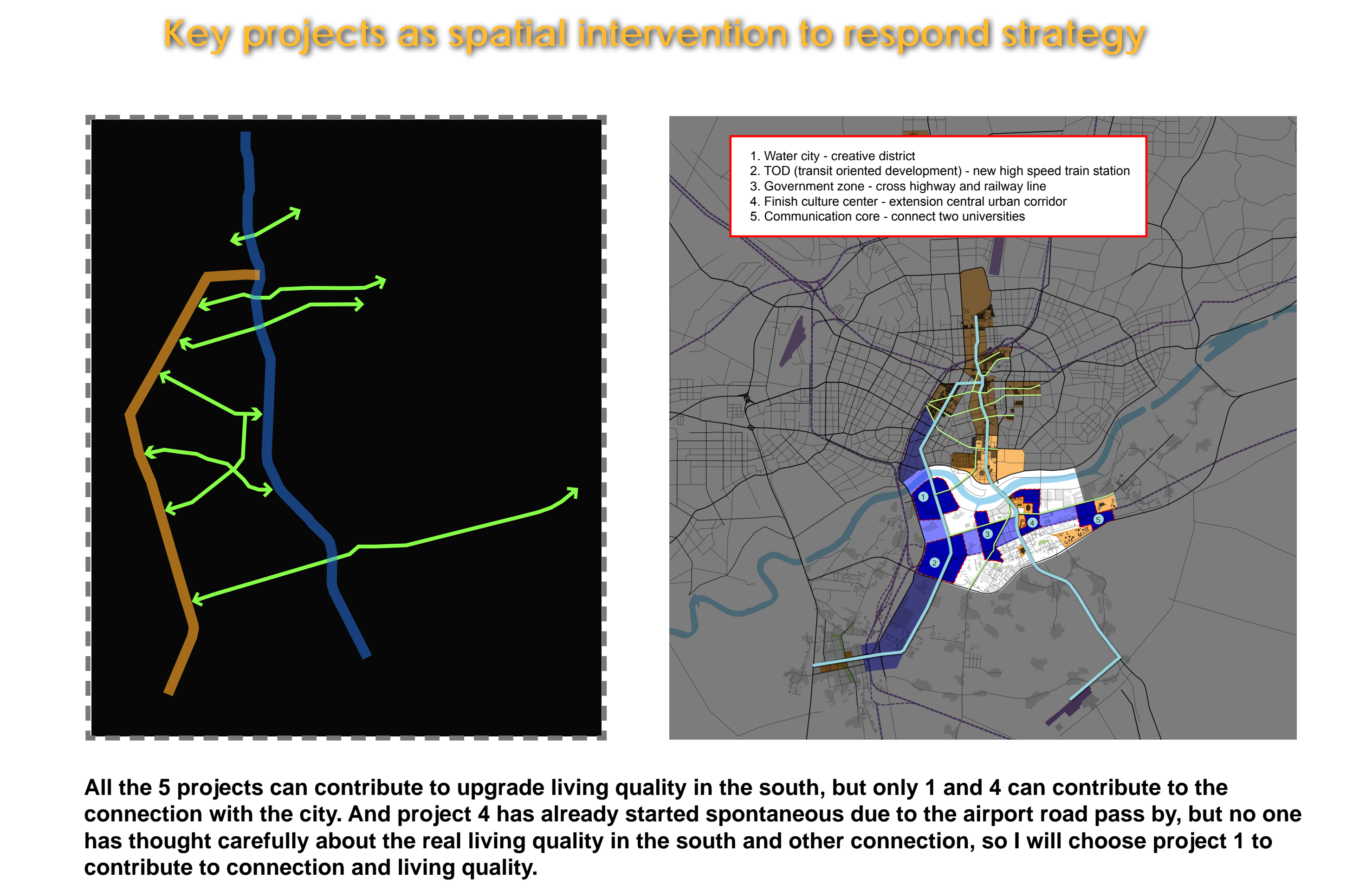
What are problems of KNOWLEDGED PERIPHERY (the south) in Shenyang?

Although KNOWLEDGED PERIPHERY is transformed fast towards urban environment and a lot of knowledge workers living there, the living quality is bad.



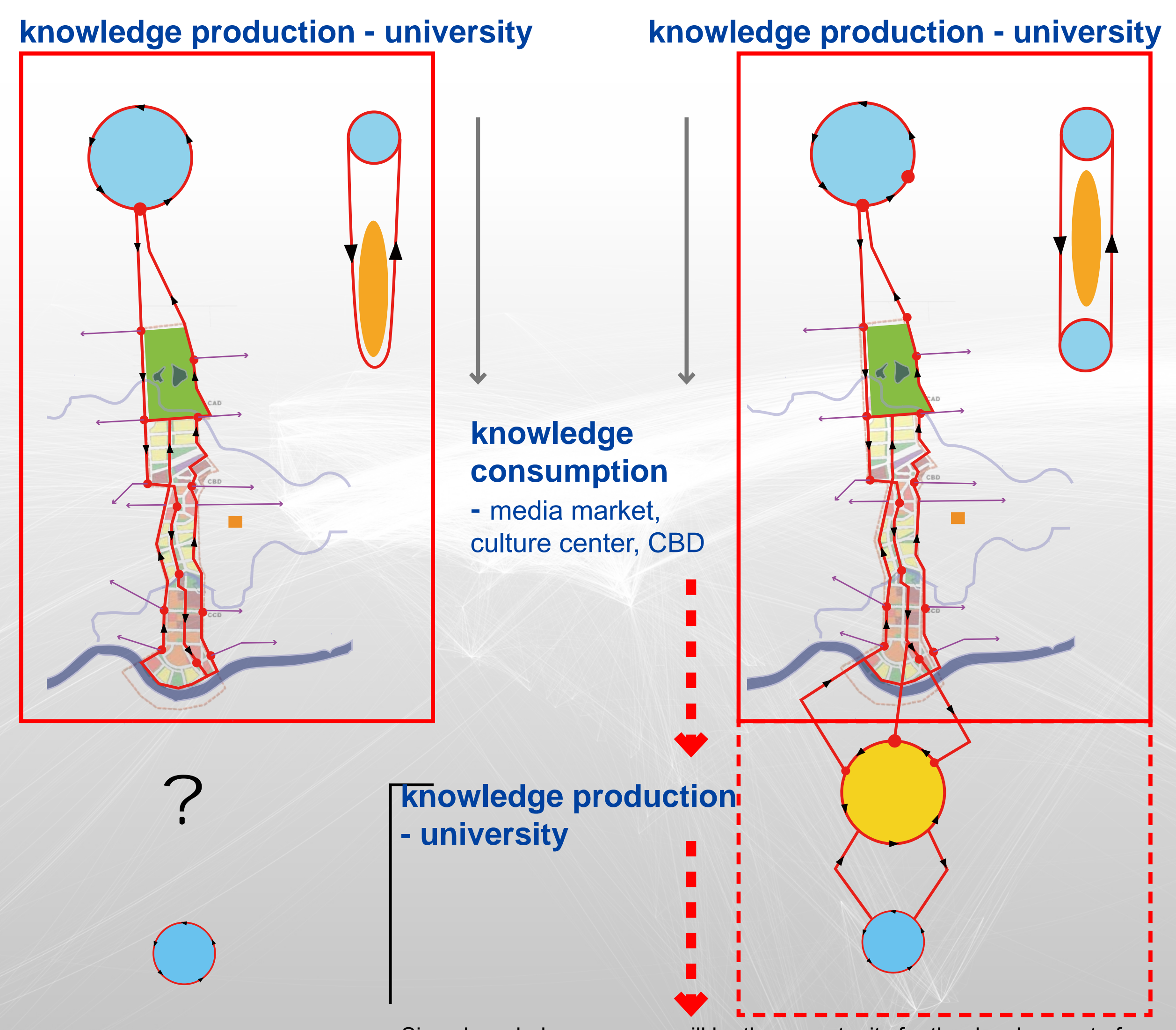


urban living streets are required for real urban life which are needed in the south



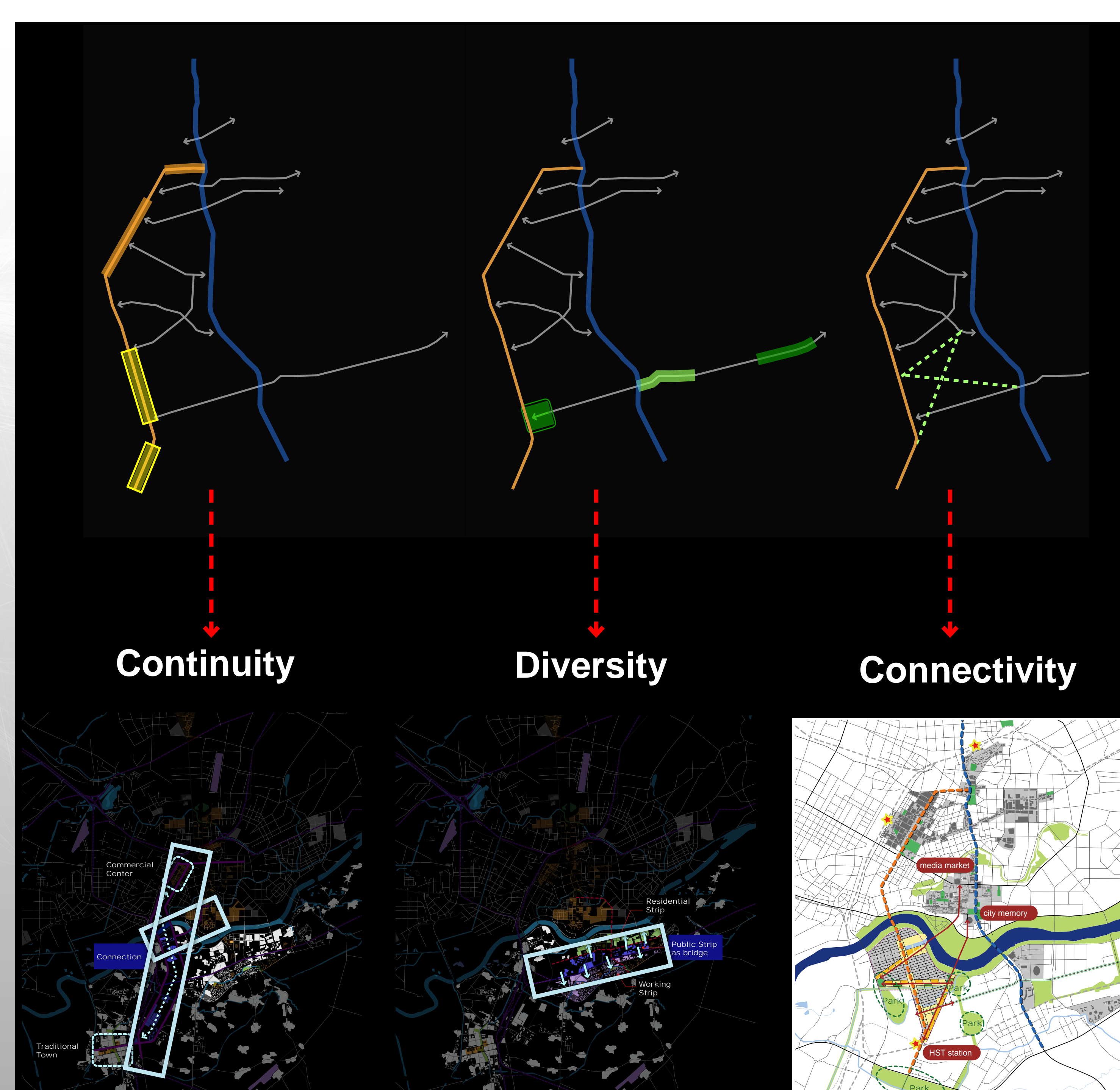
Connect KNOWLEDGED PERIPHERY with city and use university to improve urban quality

Aim - integrate the south with the whole city

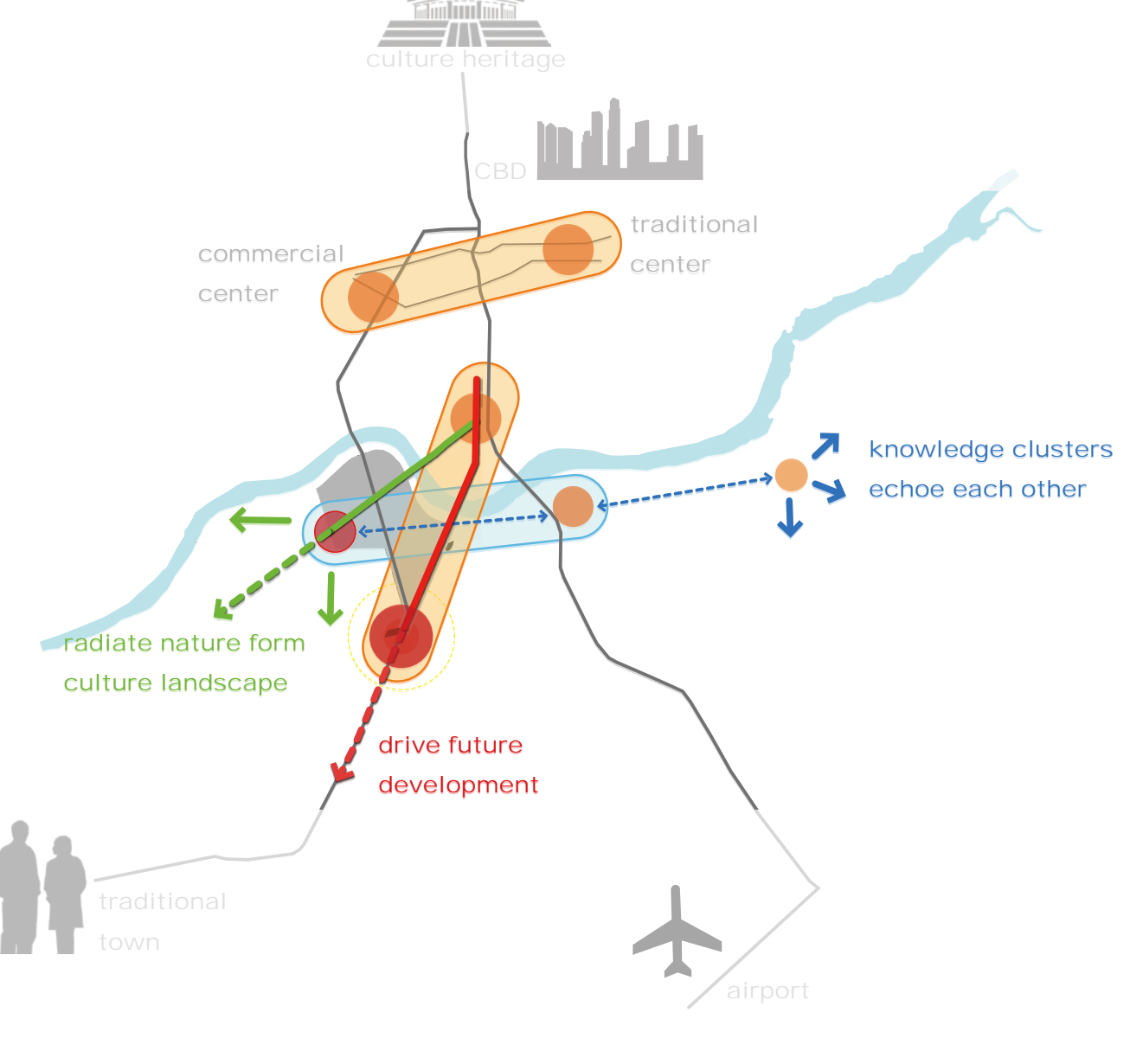


Since knowledge economy will be the opportunity for the development of this industry city, making knowledge exchange cross the river is the most important prerequisite to integrate the south with the whole city.

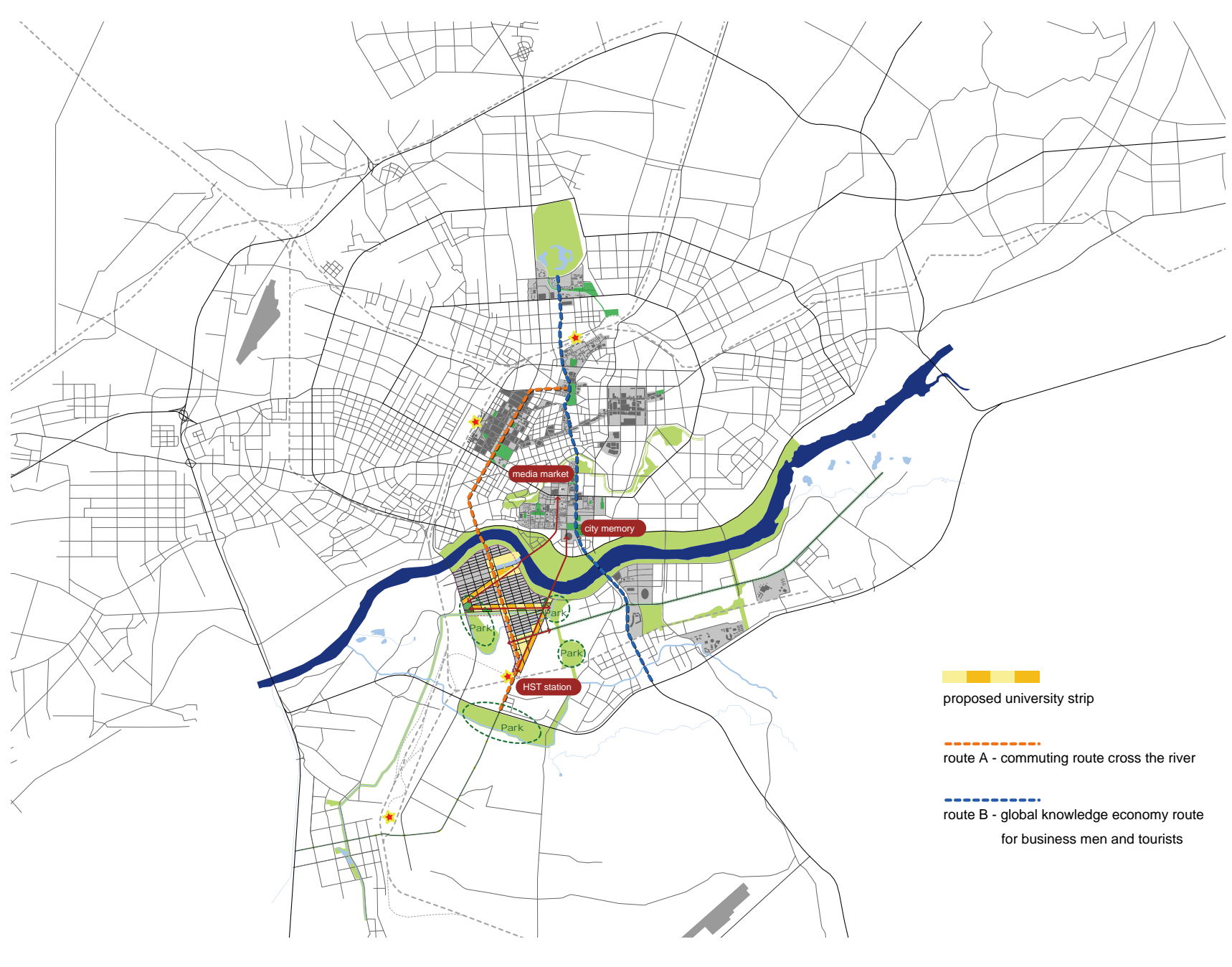
spatial strategy Since all 'urban culture' and universities locate in the connection streets between route 1 and 2, new connections are proposed in the south bank and locate exactly in the two axis which has strategic location from the whole city's perspective.



Spin - off
 - forming organic cultural landscape in the South to echo the structure of the whole city



Axis reflect spatial strategy



Axis 1 - feeler from central city into landscape

bridge central city with cultural landscape!



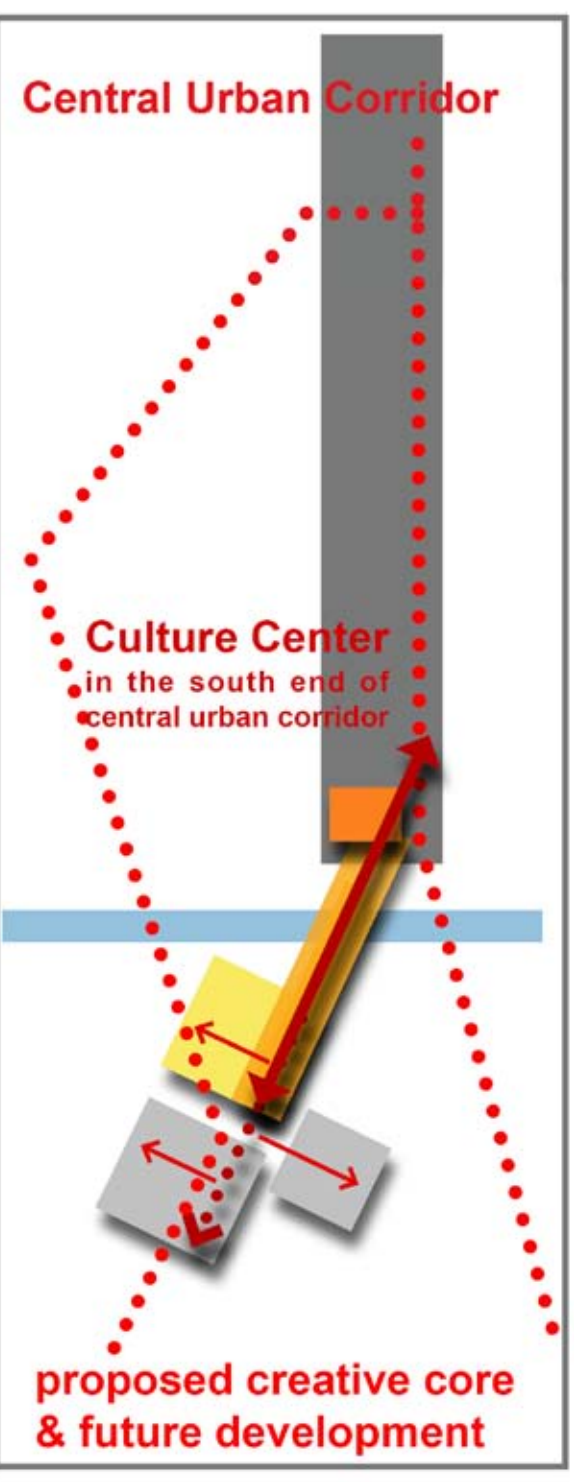
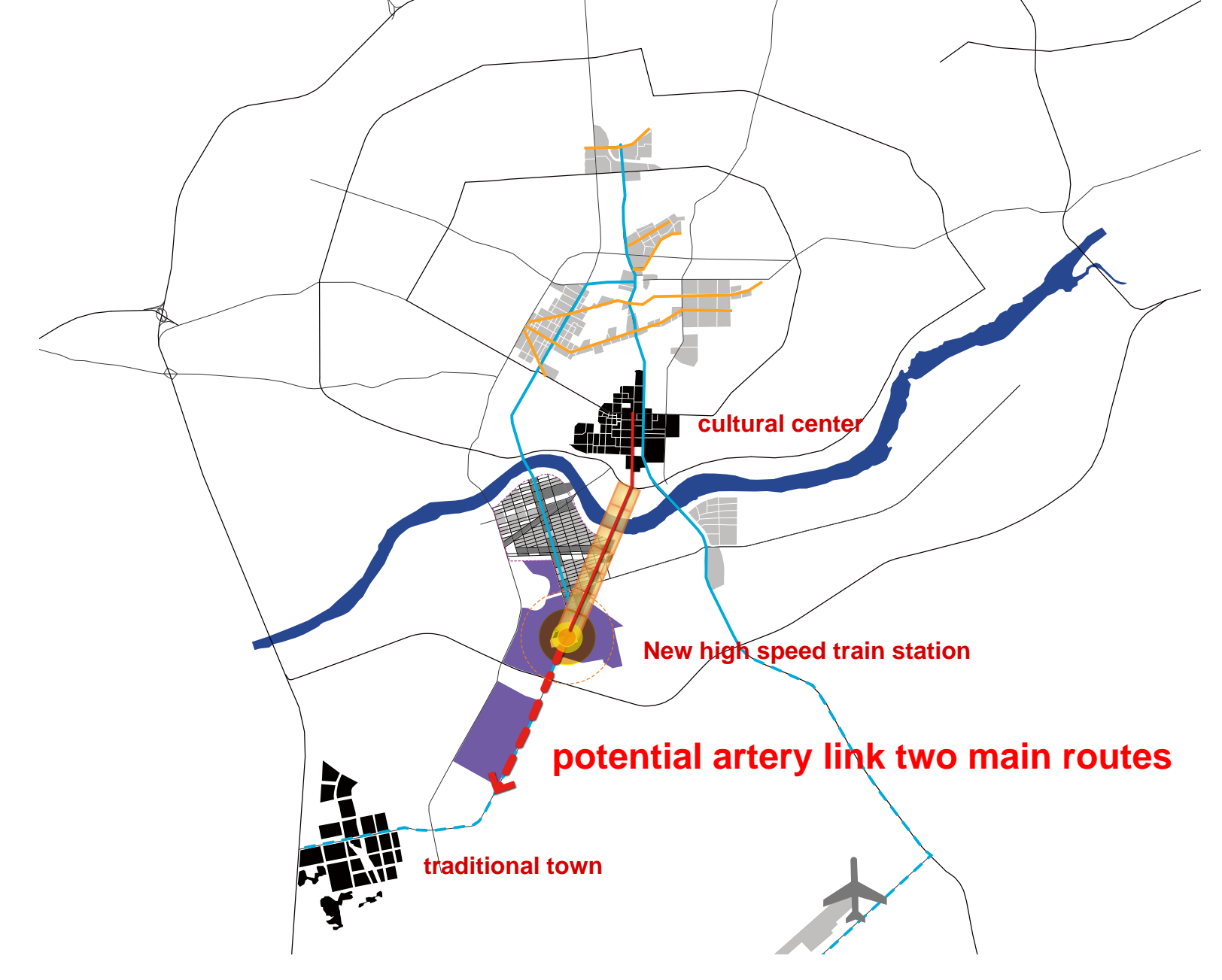
Univer 'City'

Xiaoyan Li 1379941

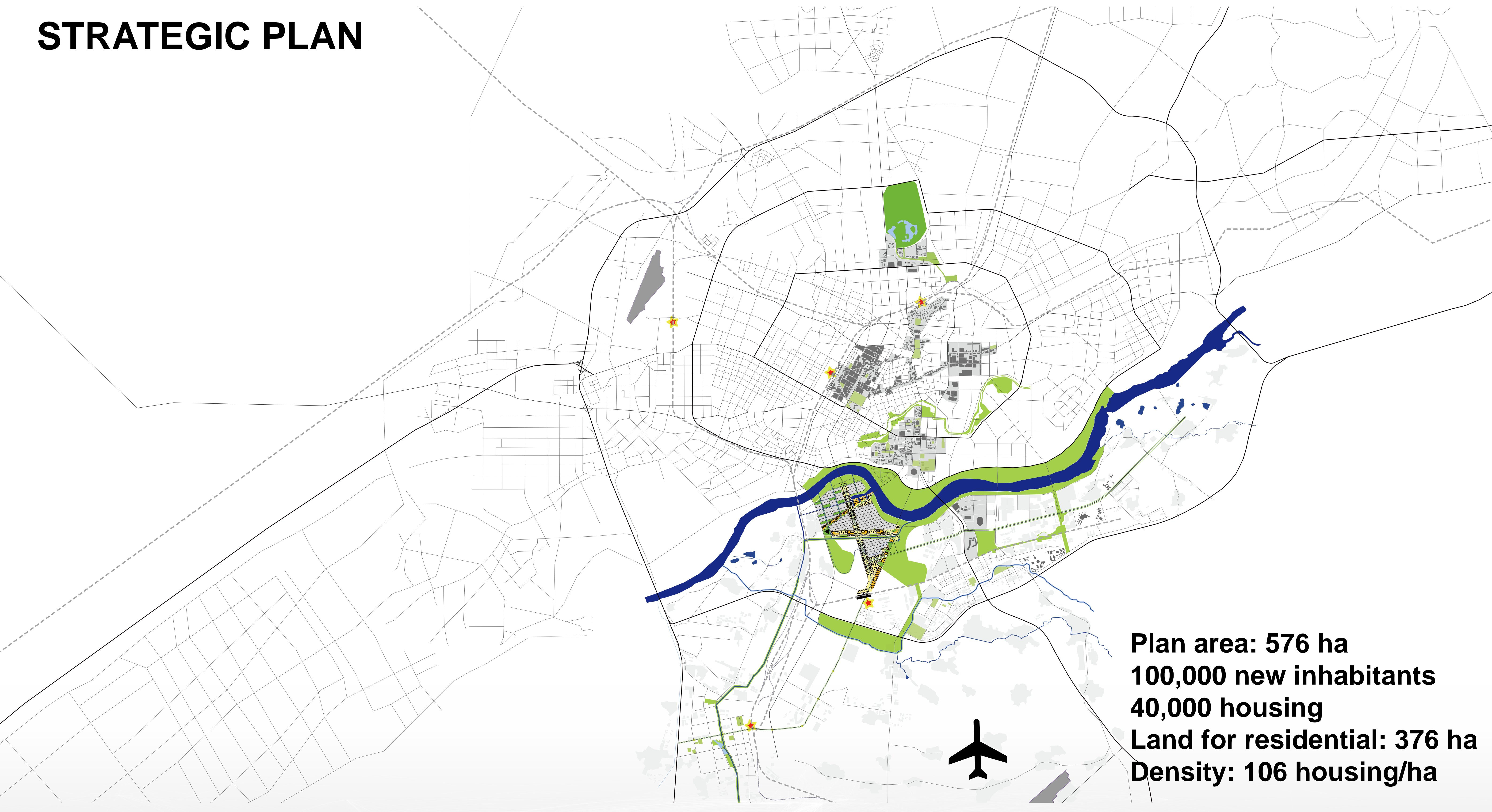
new livable creative city in the KNOWLEDGED PERIPHERY of Shenyang

Axis 2 - emerging bond tie knowledge centrality of central city with southern traditional town

Urban development driven by Axis 2 in the future

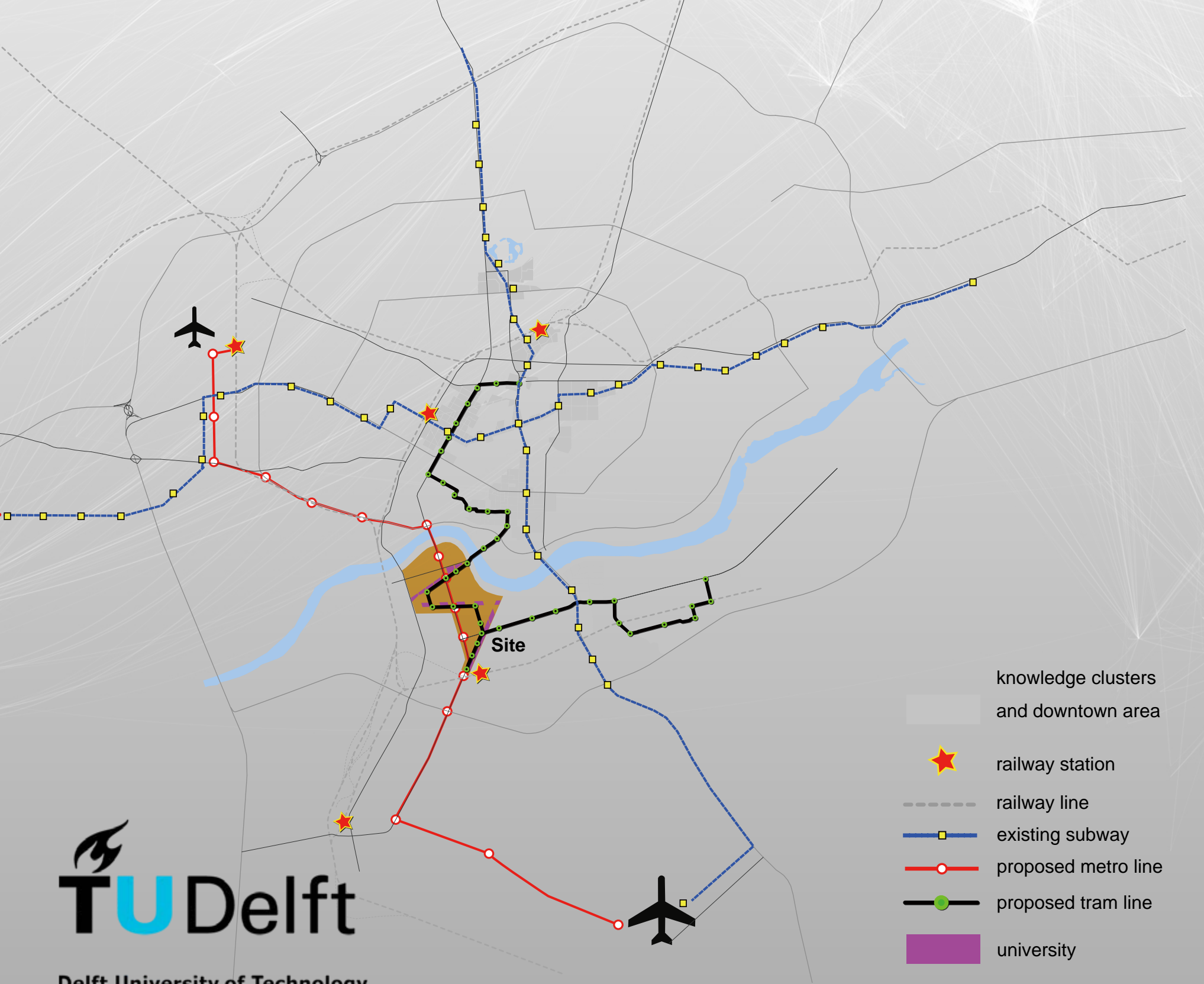


STRATEGIC PLAN

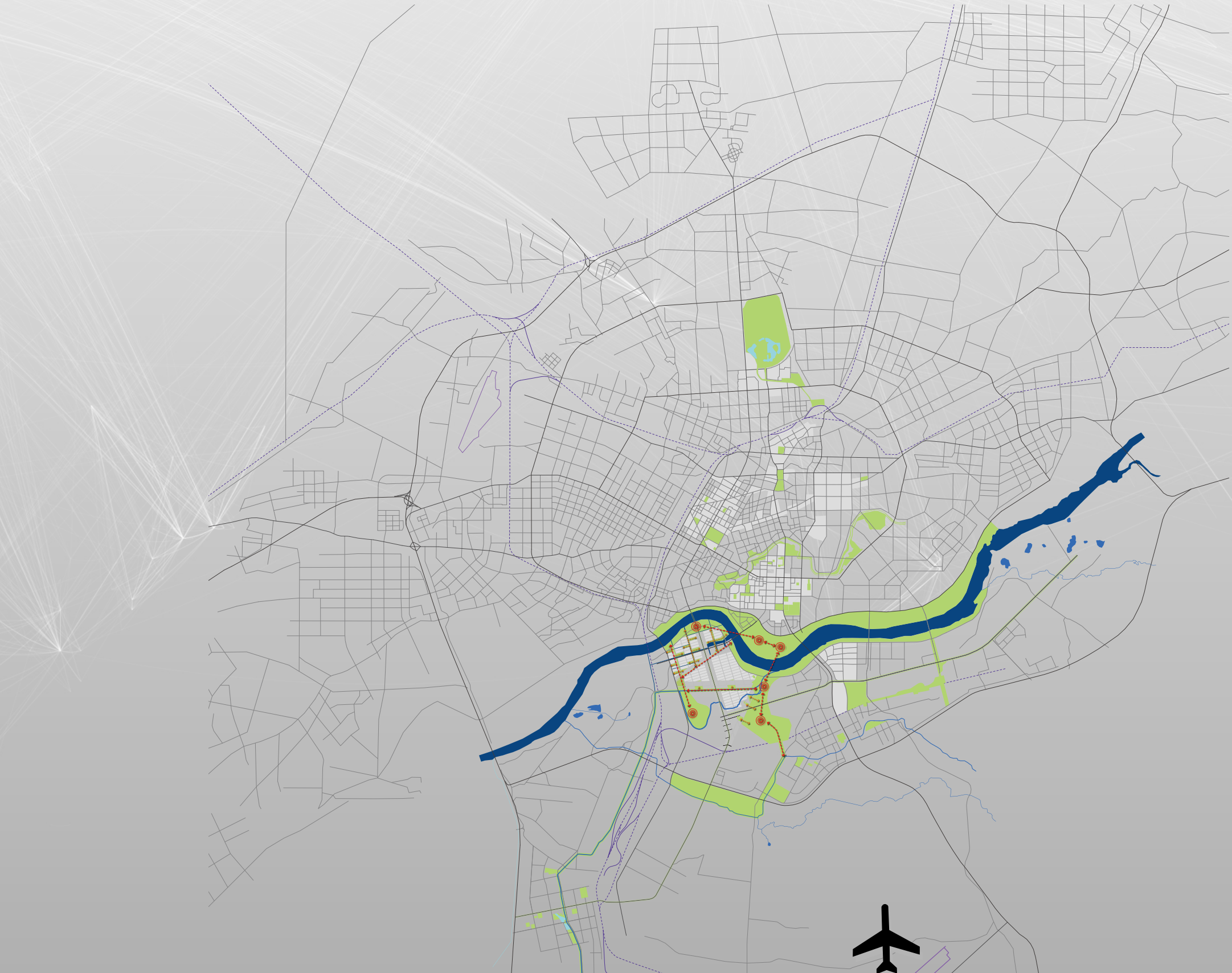


Plan area: 576 ha
 100,000 new inhabitants
 40,000 housing
 Land for residential: 376 ha
 Density: 106 housing/ha

PLAN - tram connect south with the city
 proposed tram line - connect south with the city



PLAN - green system

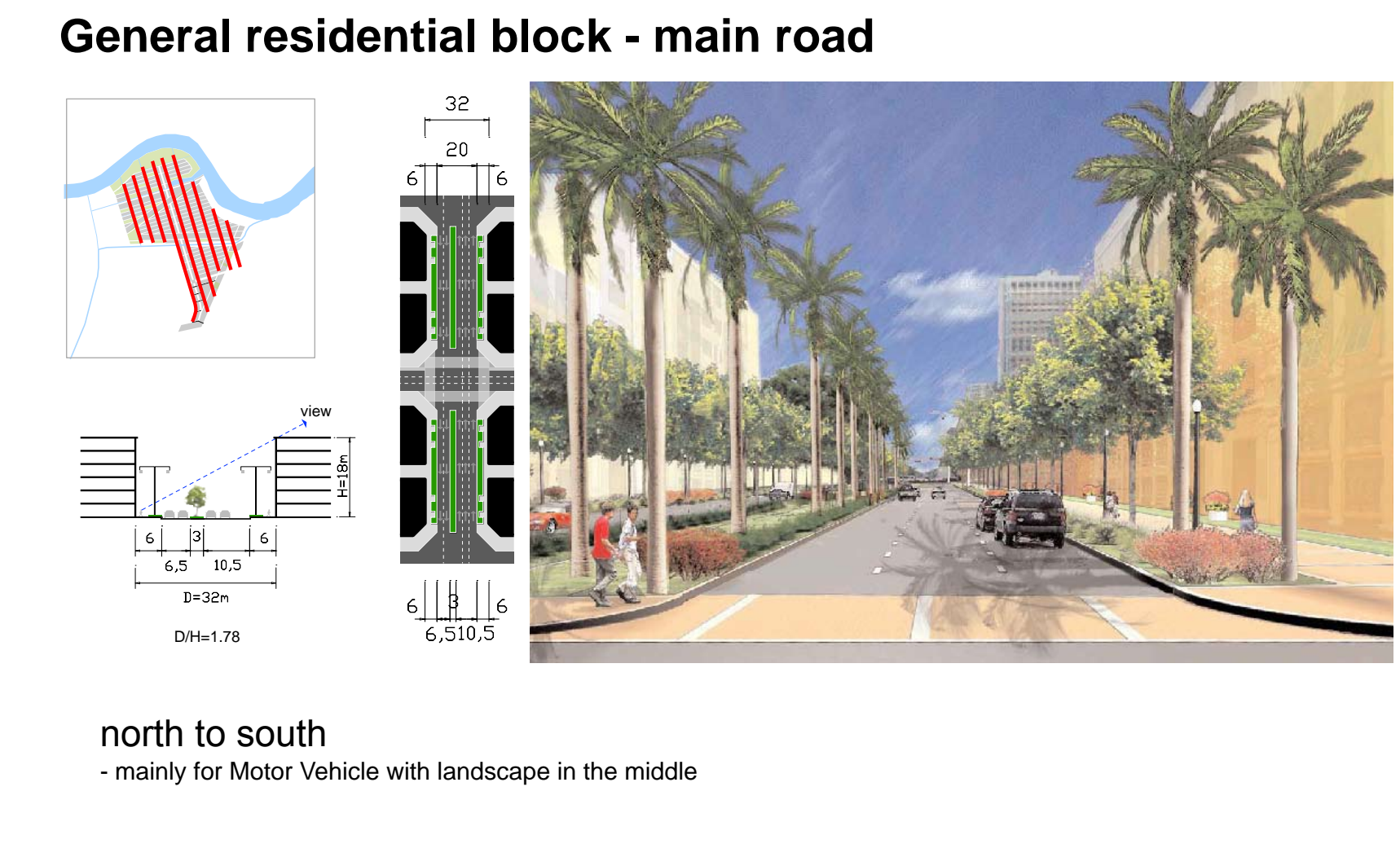
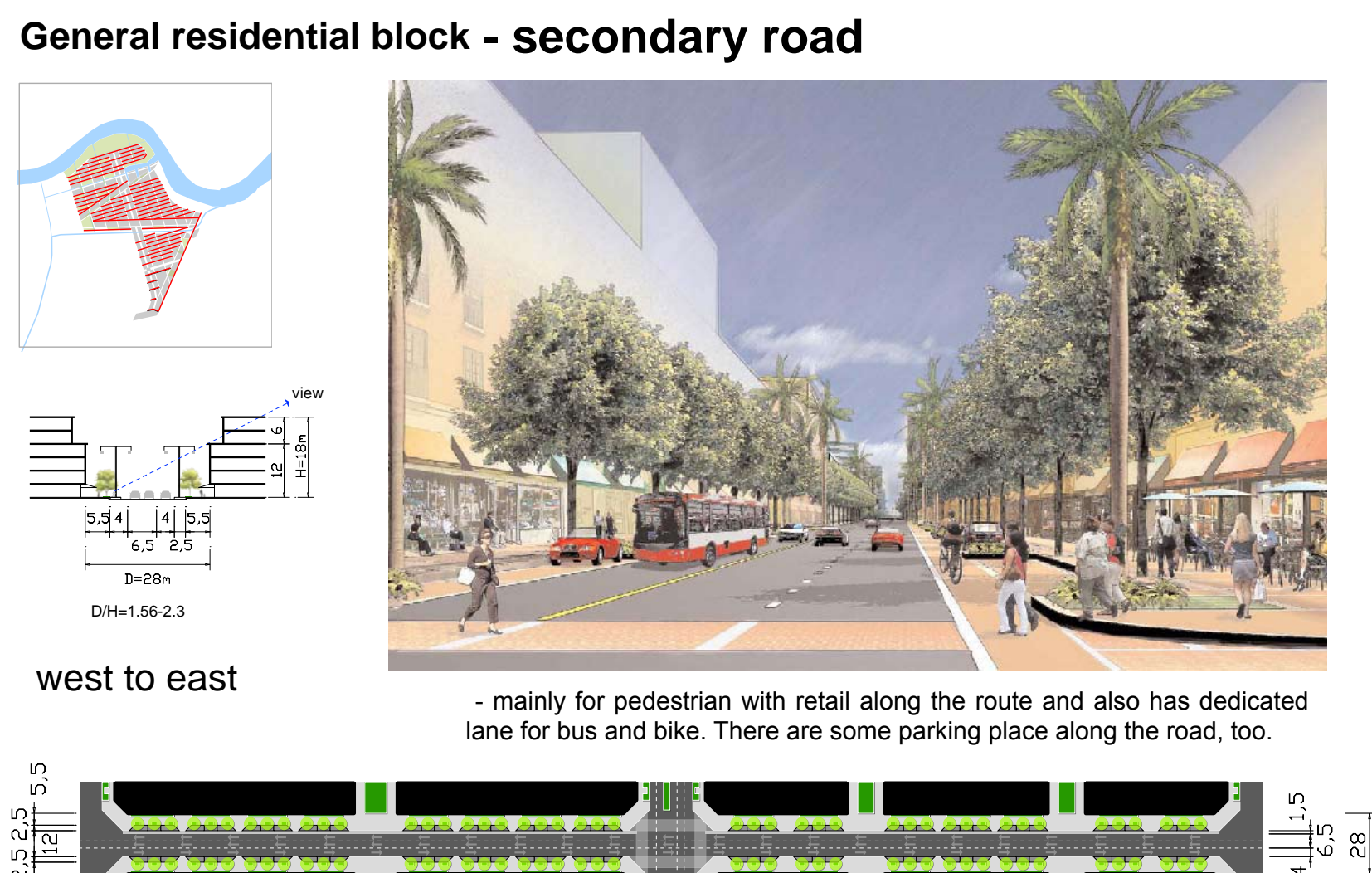
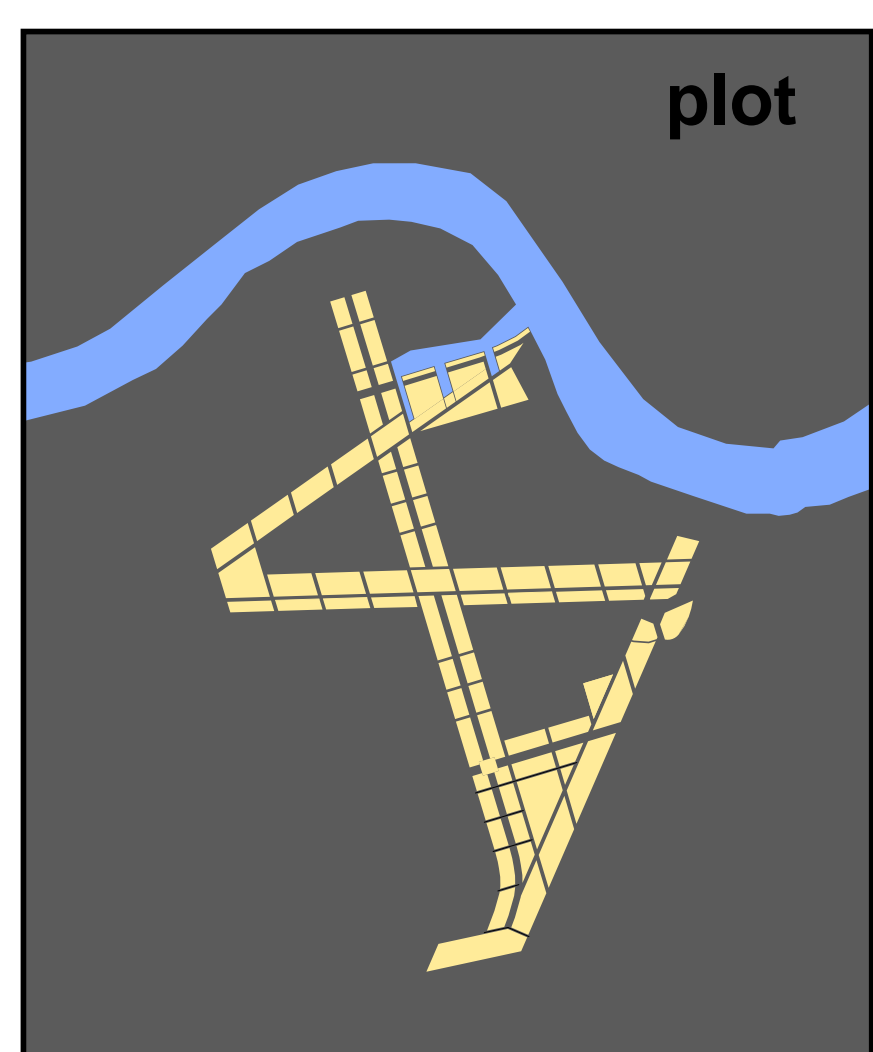
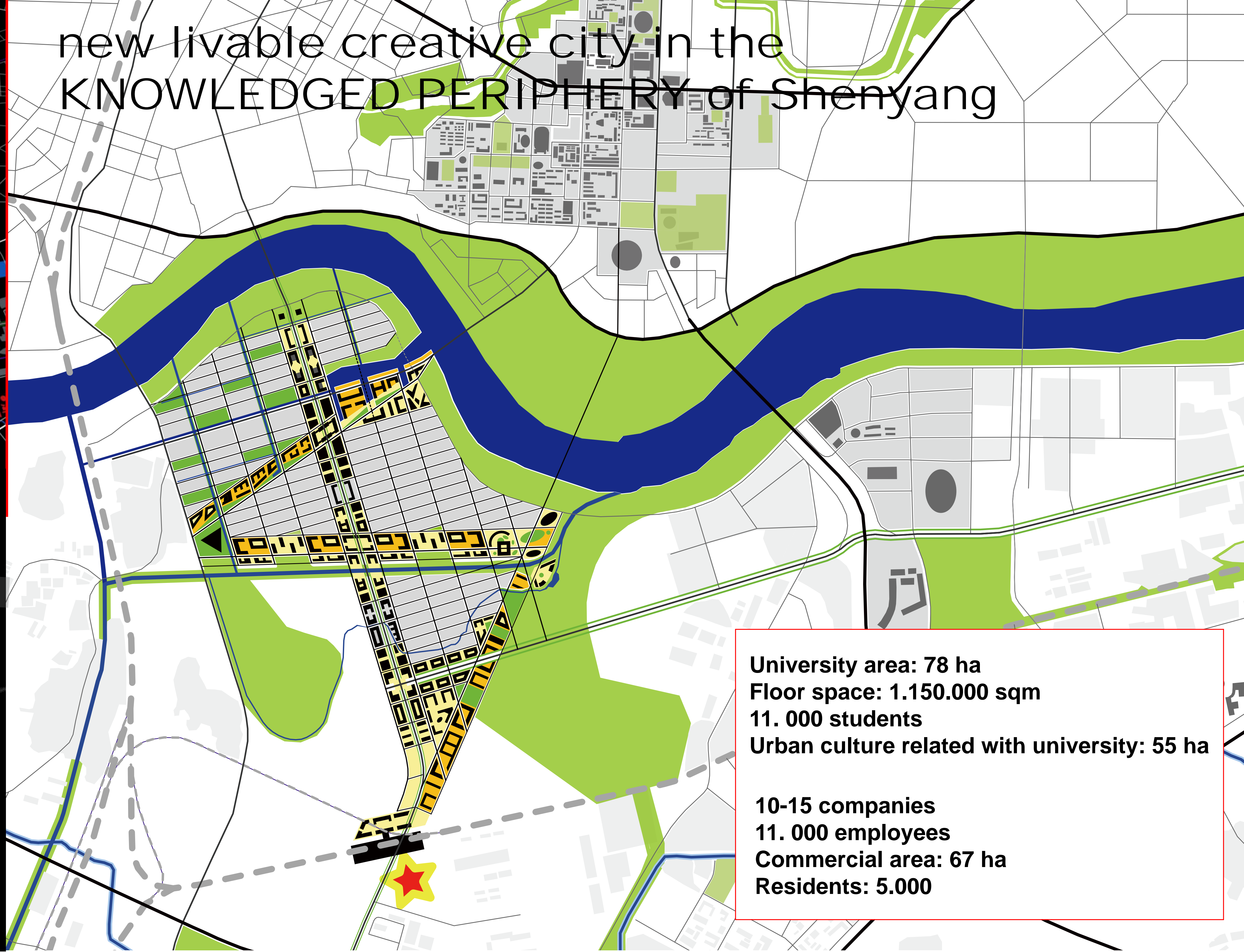
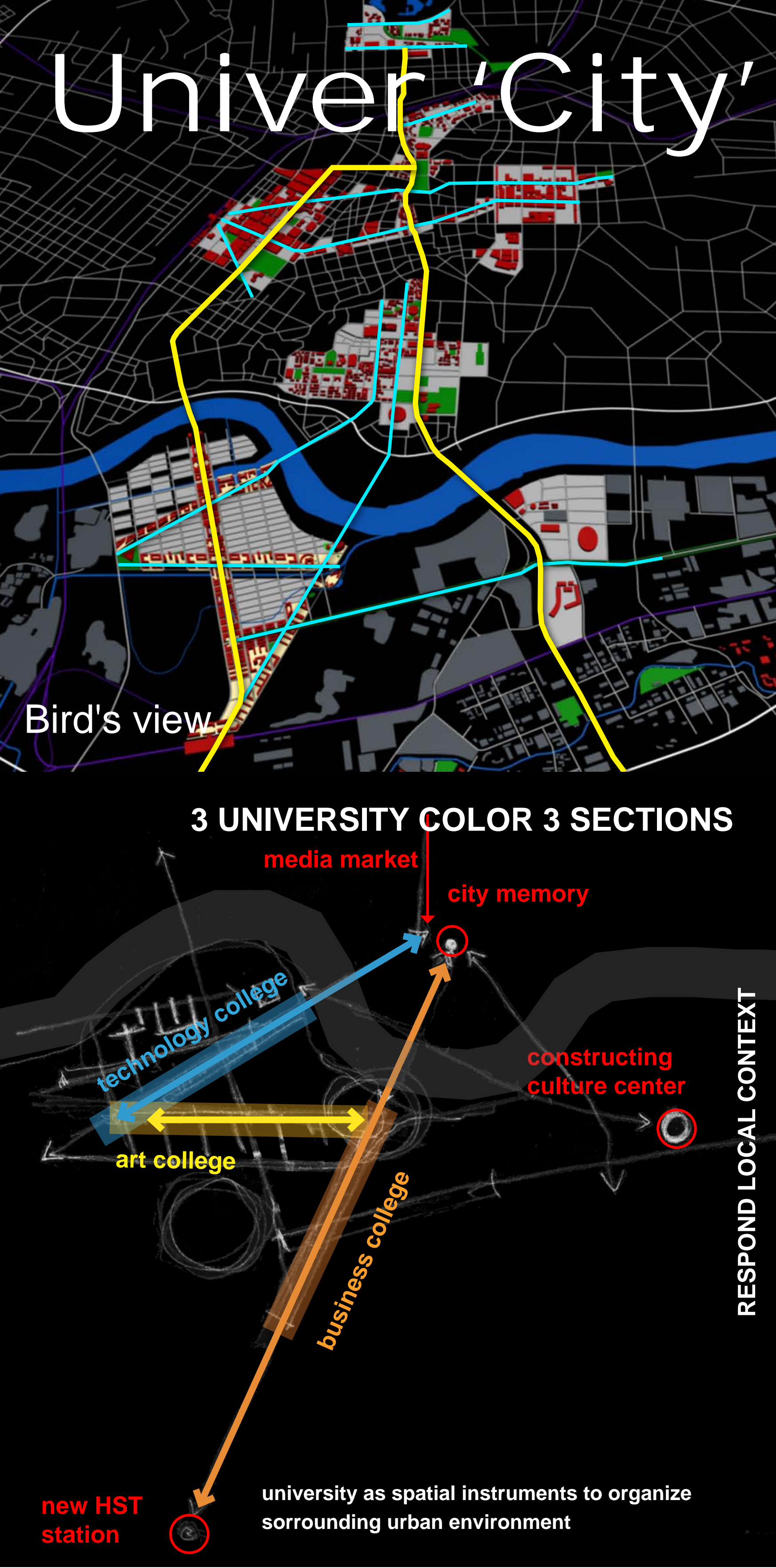


Future development



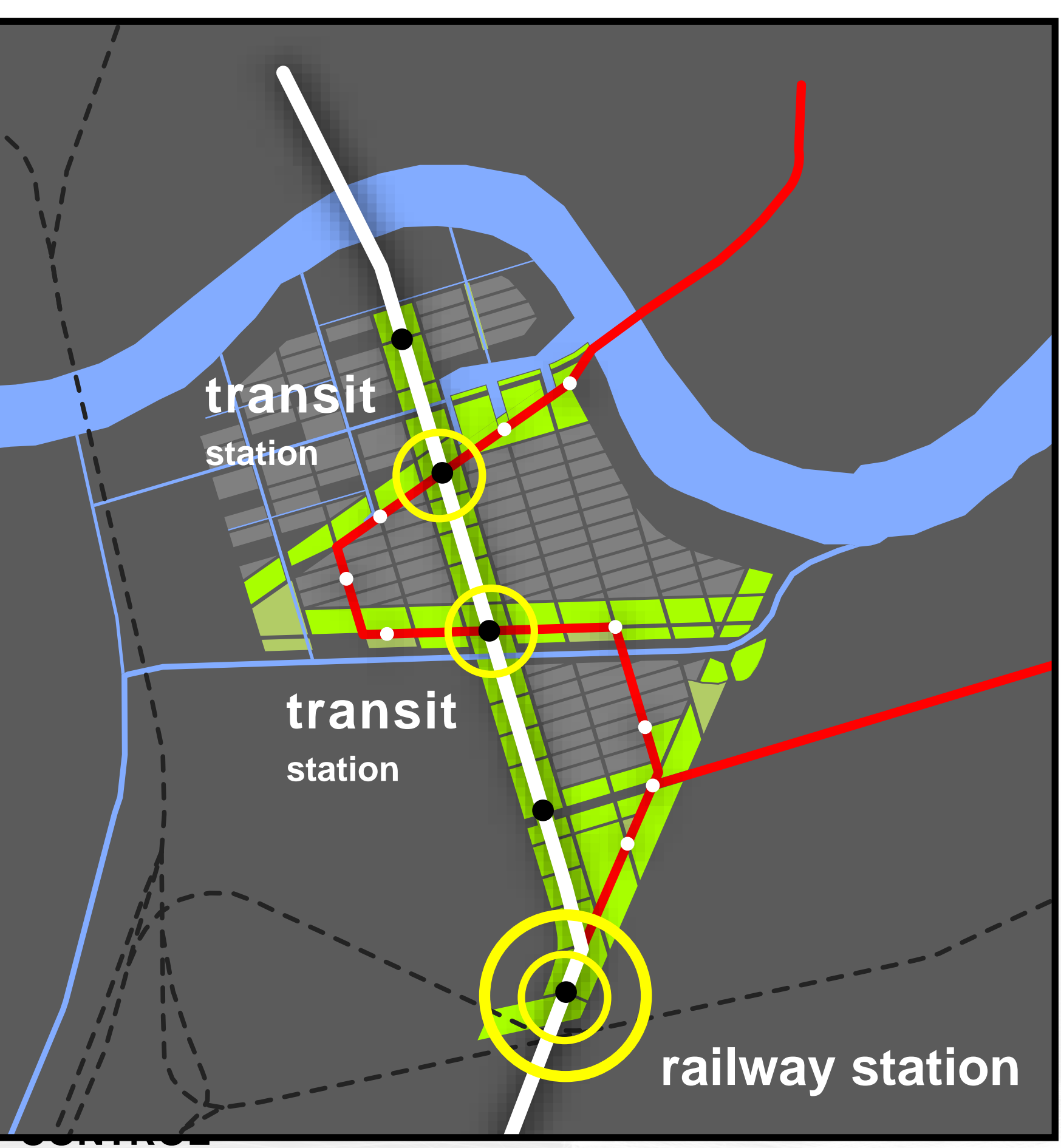
Univer 'City'

new livable creative city in the KNOWLEDGED PERIPHERY of Shenyang

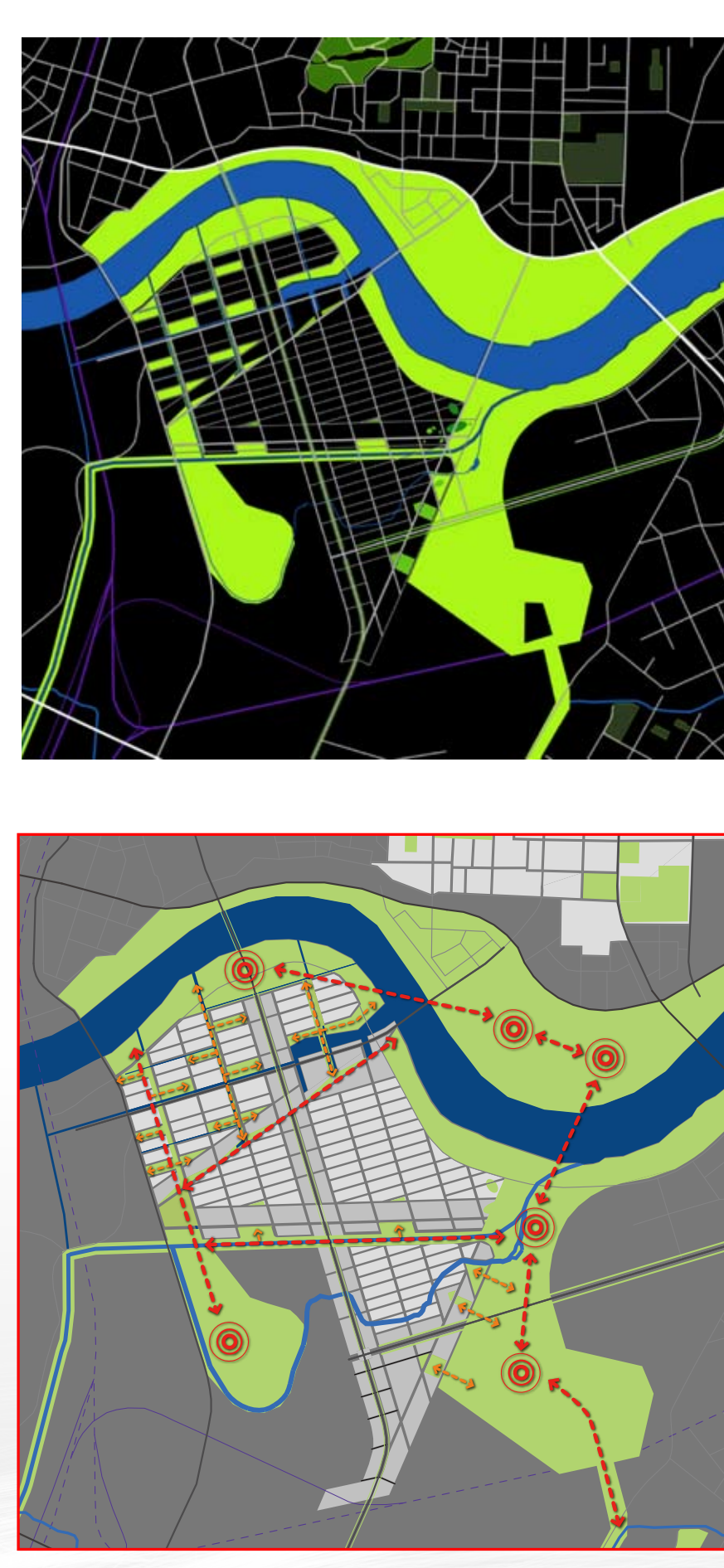


PLAN - public transport

3 transit station distance:1000 -1500m

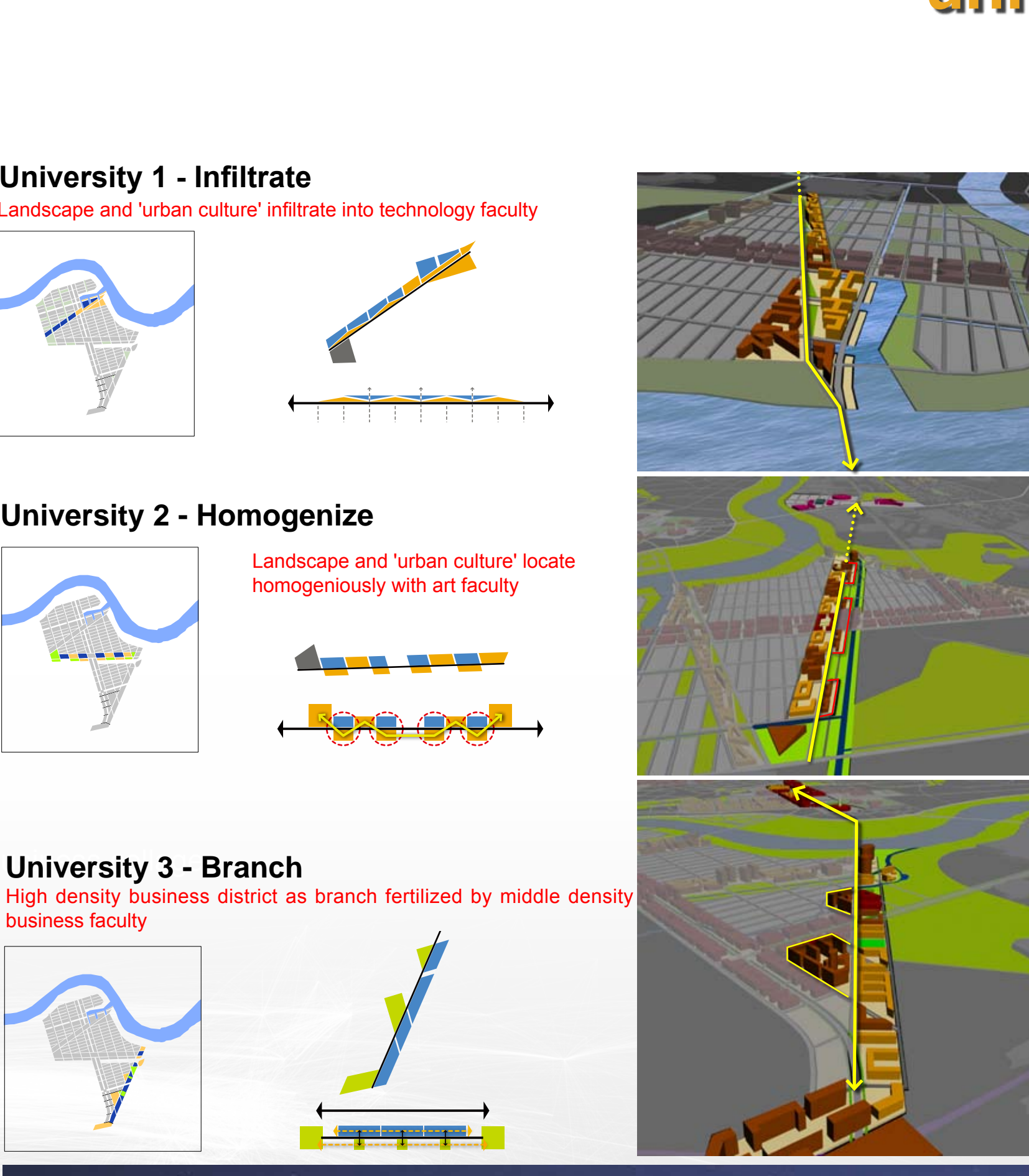


Green system

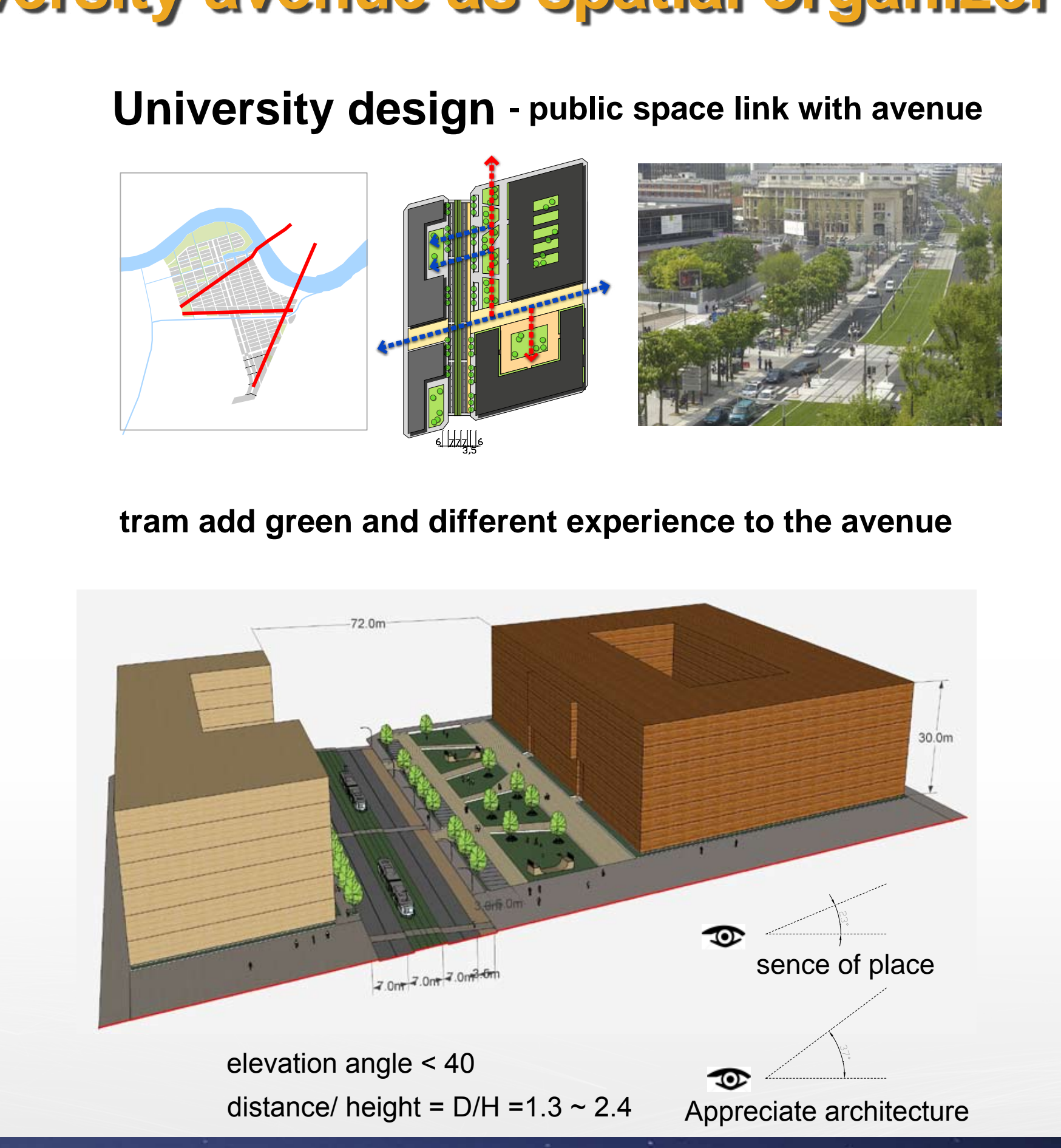


3 different relationship between university & 'urban culture'

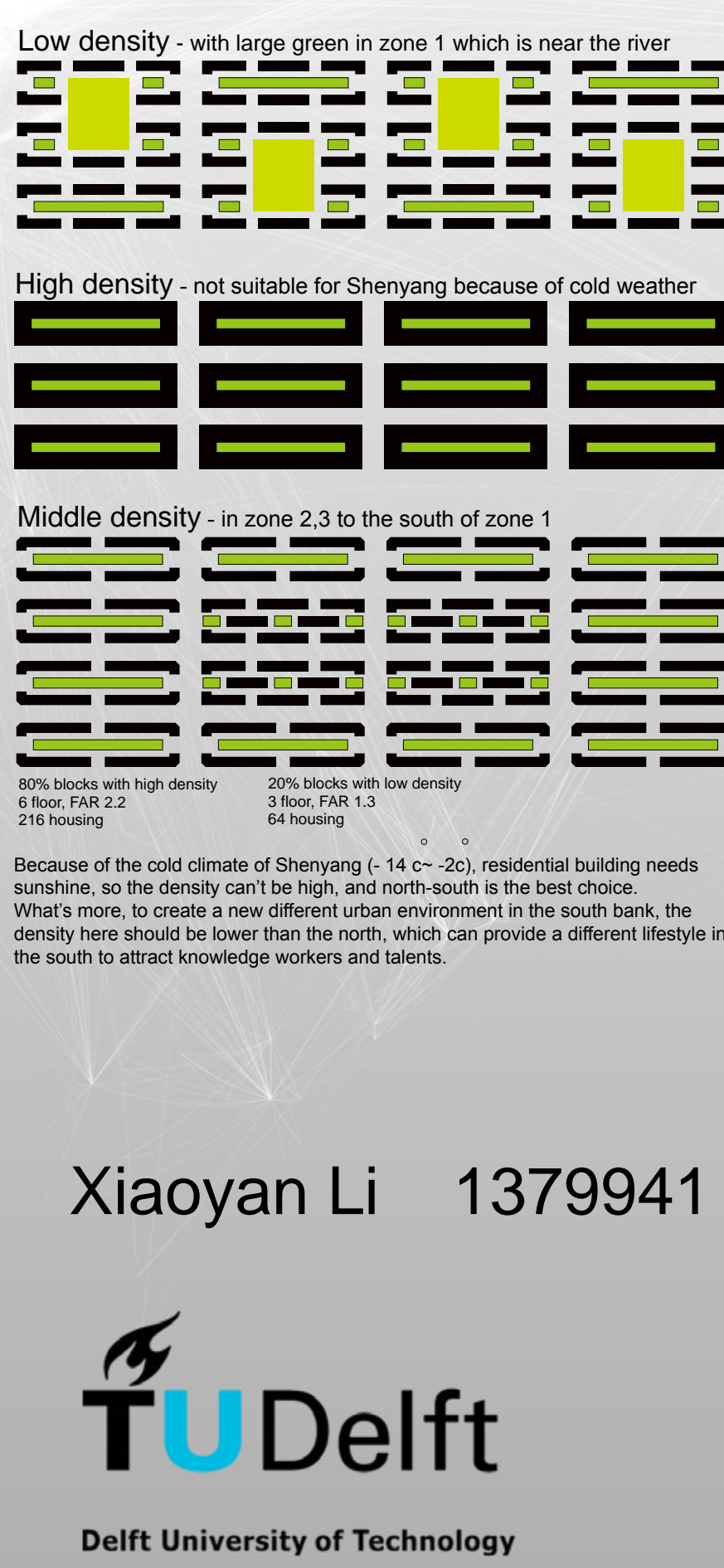
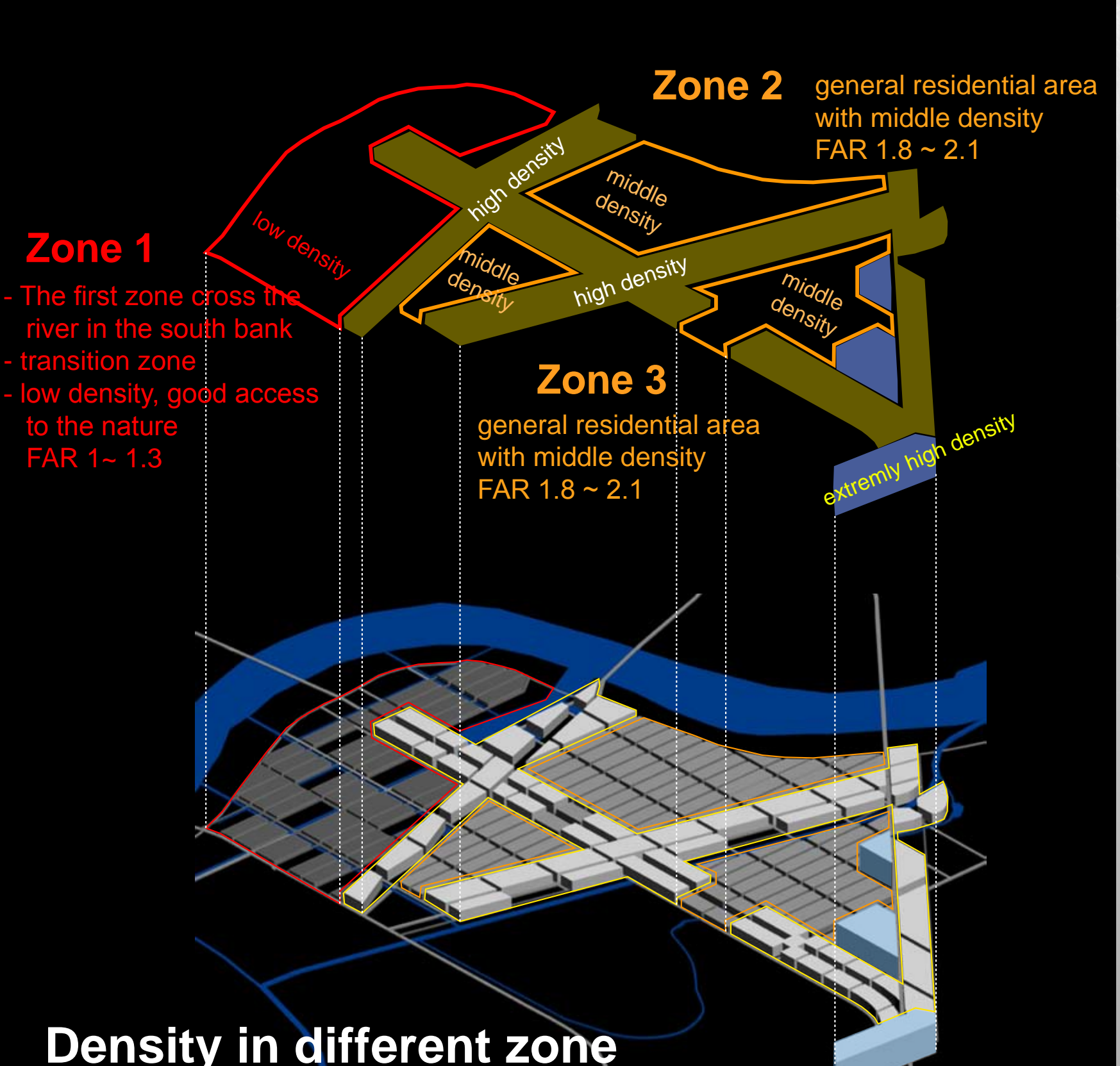
- avenue as connect universities and city
 - public space and landscape organized by university avenue



3 universities color different sections university avenue as spatial organizer



- urban design guideline of residential block



Knowledge economy will be the number one force driven urban development in the future. What I tried in this thesis is to combine all these knowledge base family members cooperate together to stimulate urban transformation in the periphery area in Chinese cities with good urban living quality.

In my plan, there is a new town constructed in the south bank of the river, without strategic plan considering good urban quality and the beneficial of knowledge economy, this area still will be developed in the next decade, but, it will become only a new part of the semi-city of the south bank.

Evaluation

Therefore, my project tried to solve problems in two folds: on the one hand, the integration of knowledge clusters (especially universities) with urban context, even help to improve the surrounding urban development; on the other hand, make the south as an organic part of the city with its own identity. I choose university as my primary tool, and I believe it will still function in the future to achieve flexible urban development responding the thinking of the urban design discipline itself.

