Univer ‘City’
new livable creative city in the KNOWLEDGED PERIPHERY of Shenyang

Shenyang: the knowledge capital of Northeast China
City cross the river
High quality public transport
transform towards knowledge economy cause changing urban form

Central urban corridor - extended towards the south

South Shenyang - new knowledge district

Hypothesis – university can be combined with ‘urban culture’ function to improve urban living quality

Univer ‘City’
Evolution of university - inclusive of new program & integration with the city

Early history
1292 Medieval university
1361 Research university
1695 Technology university
1925 Industrial university
1945 Agriculture and the mechanic arts

What are problems of KNOWLEDGED PERIPHERY (the south) in Shenyang?
Problem 1 - River as barrier
- south is not connect with the city well

Problem 2 - social segregation
- High price housing near high-tech park for knowledge workers
- poor villages are far away

Problem 3 - Little public space

What is KNOWLEDGED PERIPHERY
- agglomeration of technology elements (University + high tech industry park)
- important for higher education - The ‘pro-active university’ and the ‘new articulation between port city and Shenyang’

Problem 4 - Little consideration about the landscape

Moving towards periphery

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

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

Aim - integrate the south with the whole city

knowledge production - university

knowledge production - university

knowledge consumption - media market, culture center, CBD

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 axes which has strategic location from the whole city’s perspective.

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STRATEGIC PLAN

Plan area: 576 ha
100,000 new inhabitants
40,000 housing
Land for residential: 376 ha
Density: 106 housing/ha
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3 universities color different sections
university avenue as spatial organizer

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.

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 a new town constructed in the south bank, and I believe this will also happen in the future to become flexible urban. All of these corresponding the thinking of the urban design discipline.

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