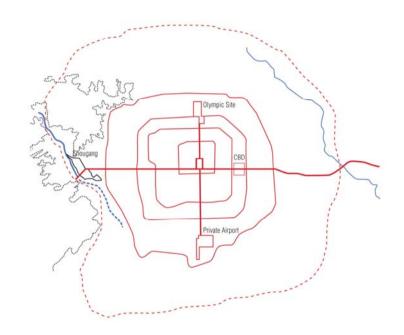
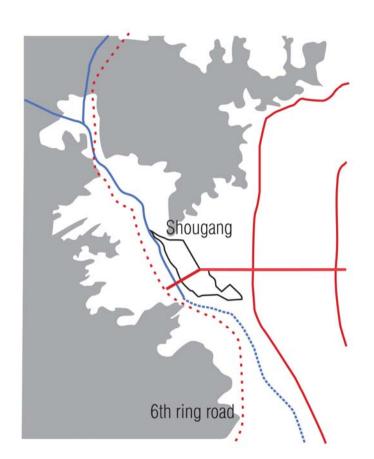
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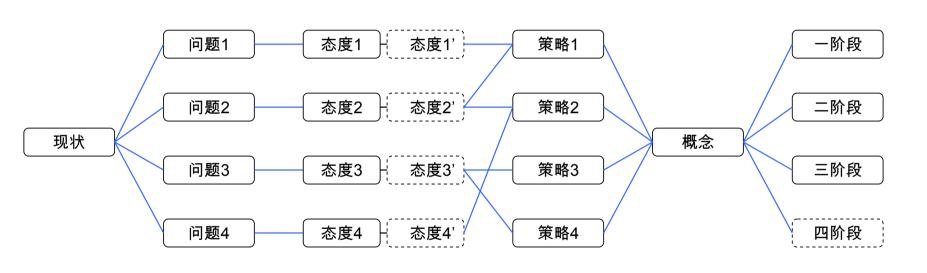


Site Context

- Important Location at the end of the East West Axis
- Part of a larger planned recreation area
- Decision to notionally end the East West axis at the Shougang Site but also divert the traffic across the river and connect with the 6th ring road
- Notionally stopping the axis complements the current bookending of the north south axis



工作框架 Framework





问题 Problems



态度 Attitude

Our Attitude-----Maximize the comprehensive profits in a dvnamic process Economic Issue •综合利益最大化 Maximize Profits 经济问题 •逐步复兴 Regenerate the area •提高地区的社会层次 Enhance social capital Social Issue 社会问题 •维护遗留者的居住尊严 maintain the dignity of workers Culture Issue 文化问题 •保持地区的文化特质 Maintain a culture identity •文化品牌化 Begin to create a Cultural **Brand Environment Issue** 环境问题 市民可以使用的自然环境 Nature as a recreational place

我们的态度——在动态过程中实现综合利益最大化

一般开发模式——追求现世价值 Attitude of Common Development---Pursuit

myopia value--•一次性开发→利益瓜分 Over-night Development = → Divided interest •终极决定论→适应力差 Blueprint Plan→ Poor Adaptation •开发商获益 Developers benefit most •工人失业→失落感 Unemployment → Despair →社会问题 → Social Problems •单纯的保护 Simple maintainence & preservation •→维护成为负担 → Financial Burden •被动环境规划 Passive Environmental

Planning

Beijing Urban Design Studio

TsinghuaMIT :

策略 Strategies

态度 Attitude

- •综合利益最大化
- •逐步复兴
- •提高地区的社会层次
- •维护遗留者的居住尊严
- •保持地区的文化特质
- •文化品牌化
- •市民可以使用的自然环境
- •永定河复兴

策略 strategies

轮垦式分步开发 控制地块开发时序 "Rotational farming" and remediation
Development of layering control

触媒效益--激发地区活力/发展

逐步提供工作机会:

- 1.控制人口的迁入;
- 2.从工业过渡到商业&服务业
- 3.逐步建立与城市的相互依存联系

Catalyst: World innovation expo Provide opportunities gradually

- 1.Control migrants ;
- 2. Transmition from 2nd industrial to 3rd
- 3.Co-habitation with peri-urban

发展高端产业增长点, 吸引高端人群,向高端过渡 Hot spots of high industry
Attract upper class, raise the site profile

棕地耕种—改善土壤

Remediate the land



策略 Strategies

目标 The goals

综合利益最大化 逐步复兴

提高地区的社会层次 维护遗留者的居住尊严

保持地区的文化特质 文化品牌化

市民可以使用的自然环境 永定河复兴

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Civic Layering 公共空间衍生

发展高端产业增长点, 吸引高端人群,向高端过渡 Hot spots of high industry
Attract upper class, raise the site profile

棕地耕种—改善土壤

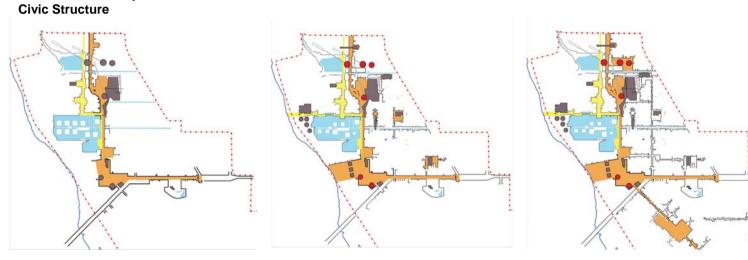
Remediate the land

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	阶段1 世博会	阶段2 职业技术培训中心	阶段3 混合社区
	LAYER1EXPO	LAYER2SKILL EMBASSIES	LAYER3- MIX COMMUNITY
	吸引注意力和投资 attract attention and investment	吸引中高端人才 attract educated people	
阶段性目标	提升地区商业层次	提升地区文化层次	人口/就业等进入稳定发展阶段
PHASE TARGET	enhance commercial/comsuming level	enhance cultural level	
	解决退二进三带来的就业与环境问题 deal with unemployment and enviromental issues		
区域功能 DISTRICT FUNCTION	EXPO提供临时工作岗位, 工作时间与临退休工人剩余工作时间相近 Temporary jobs suitable for the shougang workers	中高端职业培训中心 skill embassies & companies's trainning centre	功能齐全的社区形成
商业	周边中高端商业	周边中高端商业	商业环境业已成熟
COMMERCIAL	middle end commercial environment	semi-high-end commercial environment	relatively mature commercial environment
居住	周边公寓+中档商品房	中档+中高档商品房+低密度住宅	中高档商品房+低密度住宅
RESIDENCE	apartments +medium density houses	medium+high quality+low density house	high quality + low density houses
文化教育设施	新建文化设施	新建教育设施	
CULTURAL&EDUCATION	new cultural facilities	educational facilities	
环境	河岸与湖滨整治	公园与绿地	公共环境优美
ENVIROMENT	river bank & lake bank space	parks & open spaces	beautiful environment
厂房利用	厂房改造利用为展馆	展馆改造为培训中心和公共艺术博物馆	公共文化&艺术氛围良好
INDUSTRIAL BUILDING	re-use the industrial buildings as pavillions	re-use the pavillions as public museum and skill embassies	a good public, cultural and art environment
开发主体 DEVELOPER	一级土地开发商管理	二级开发商进入	一级土地开发商退出
土地出售 LAND SALE&DELIVERY	预售土地	分批发放已售土地	土地售出/发放完毕
棕地治理	土地复垦	土地复垦	土地质量全部得到改善
REMEDIATION	land remediation	land remediation	
基础设施 INFRASTRUCTURE	基础设施改造 build and improve infrastructure	生地变熟地	
土地溢价 LAND PREMIUM		土地溢价初显	土地溢价明显 significant land premium
周边地价	周边地价上涨	周边地价上涨	区域地价整体上涨
SURROUNDING LAND PRICE	surrounding land prices rise	surrounding land prices rise	district land prices rise

公共空间衍生 Civic Layering

控制首钢长时段的开发时序 以实现综合利益最大化 In order to maximize social and economic value, a site of this size needs to grow gradually in layers over a number of years



Layer 1: World Innovation Expo

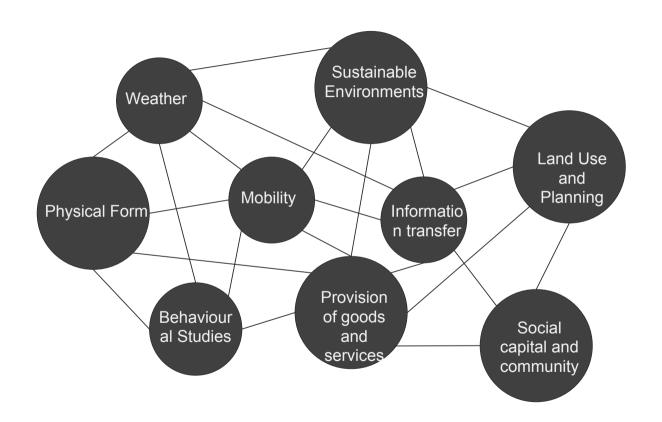
Layer 2: Skills embassies

Layer 3: Integration

分阶段规划 Approach:

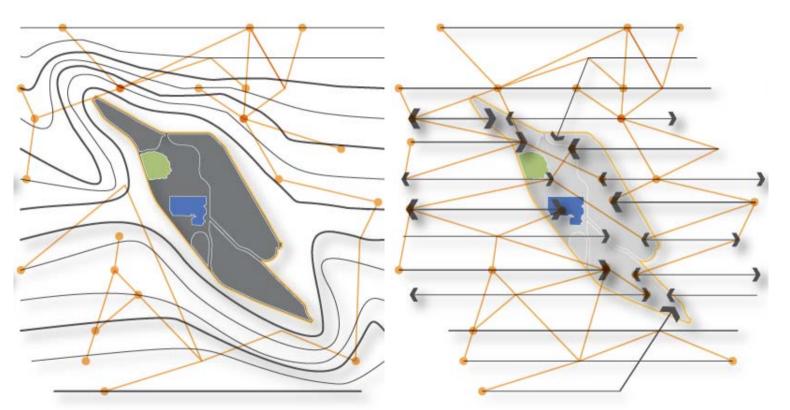
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In response to the dynamism of the location of the site our design concept revolves around the following ideas:

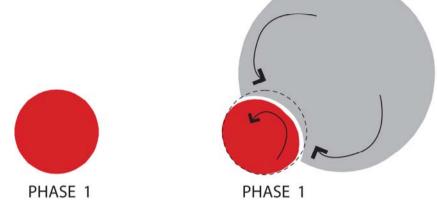
- Examining the city as a dynamic socio-spatial, economic and political network rather than a static conception of built form.
- Questioning the determinism of large scale master planning and exploring how urban design can become an adaptable process that responds to a rapidly changing urban context.
- Developing a new conception of value in real estate development through iterative planning.
- Re-imaging industrial processes and providing a dynamic program structure that supports this.
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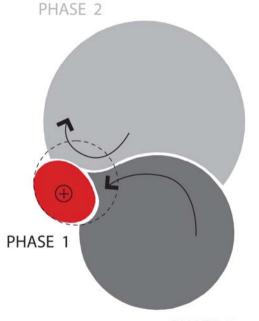


Closed System / Open Network

- The city is an everchanging interrelated network. Until now, the Shougang site has been a closed system whose boundaries divide it from the complex network that surrounds it.
- Through this project, we are interested in how we can strategically re-thread the Shougang site back into its surrounding dynamic network over a number of years.

PHASE 2





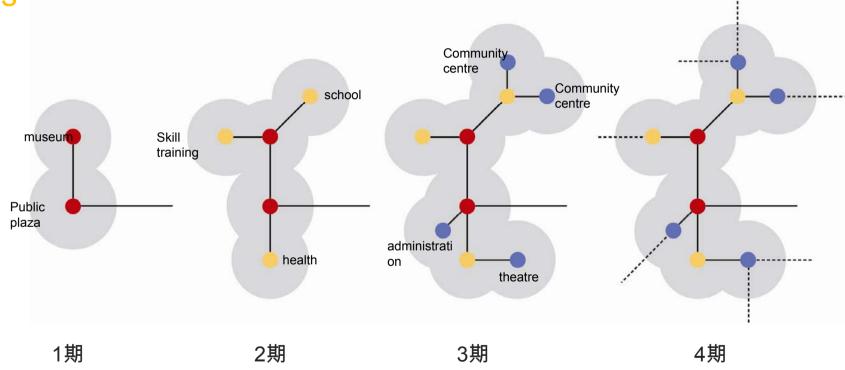
Time in Urban Design & **Dynamic Staging**

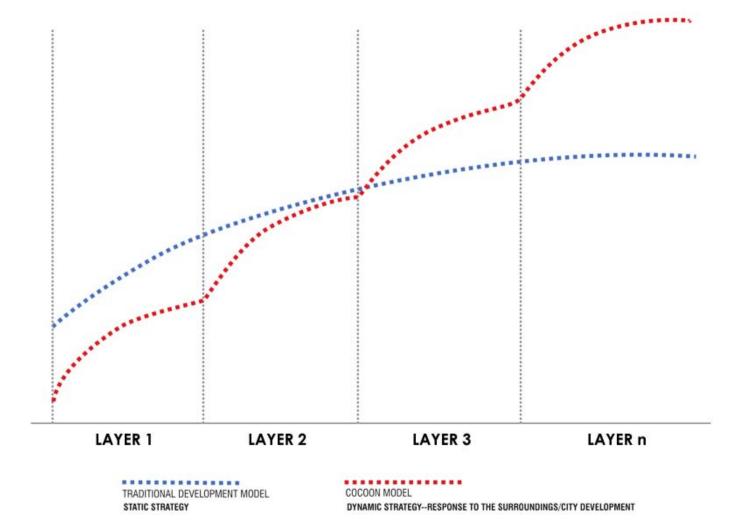
Develop the site in a number of stages - each move is created only once the impact of the previous stages and their relationship with the surrounding urban networks is understood.

PHASE 3

公共空间衍生- 概念图示 Civic Layering:



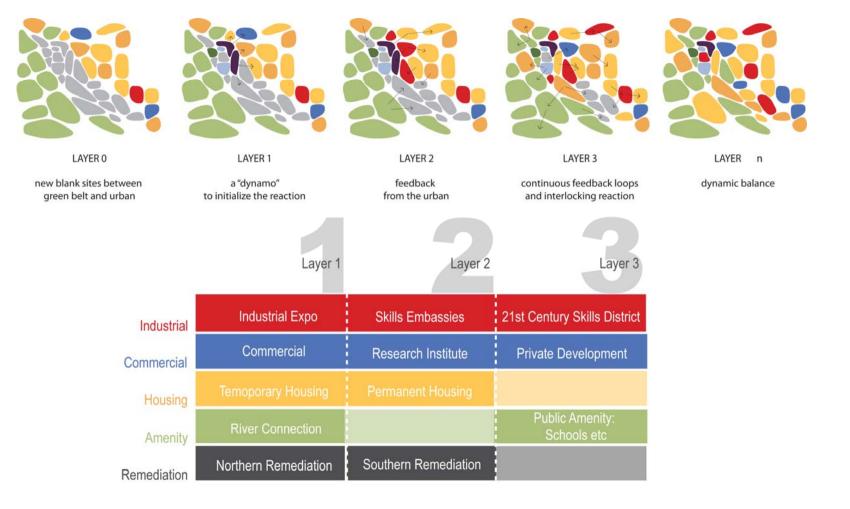




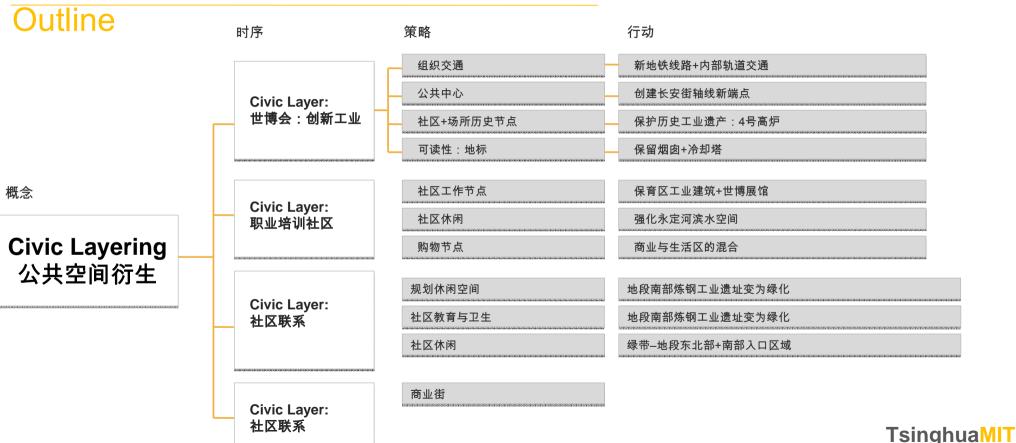
Restructuring the idea of 'value' in Real Estate Development – the 'both/and' condition

- Value in real estate development has often been focused on quick monetary gain. However, through approaching this project through layering and incorporating feedback mechanisms to guide design over time, we can begin to develop value in many more areas including: the building of social capital, ensuring public amenity and the continued rehabilitation of the site.
- We also hope to prove that through working in this way, the long-term monetary gains will be greater than short-term profits.

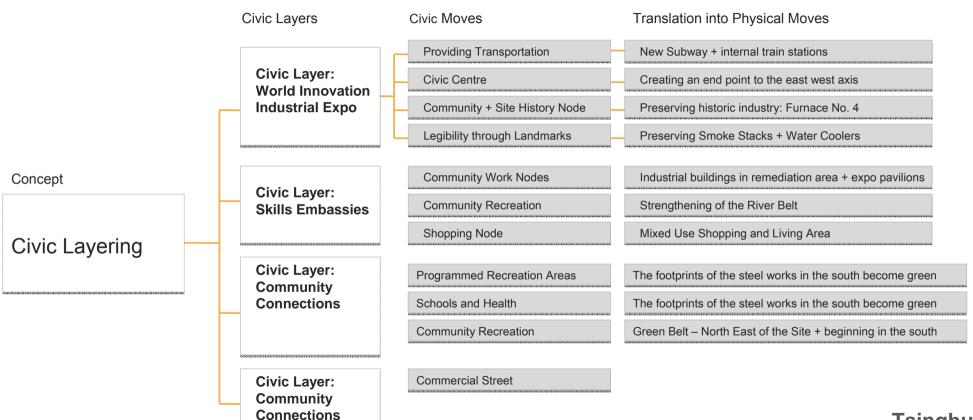
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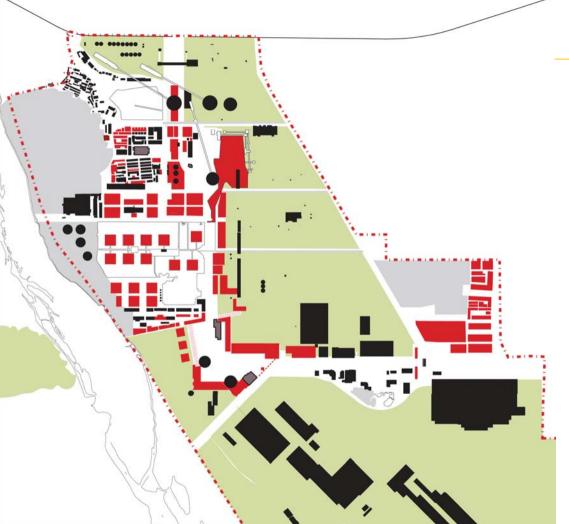
公共空间衍生-总体框架 Civic Layering:



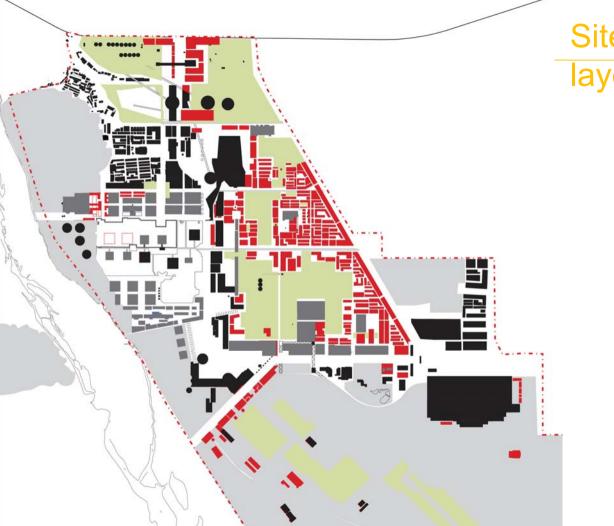
Civic Layering: Outline



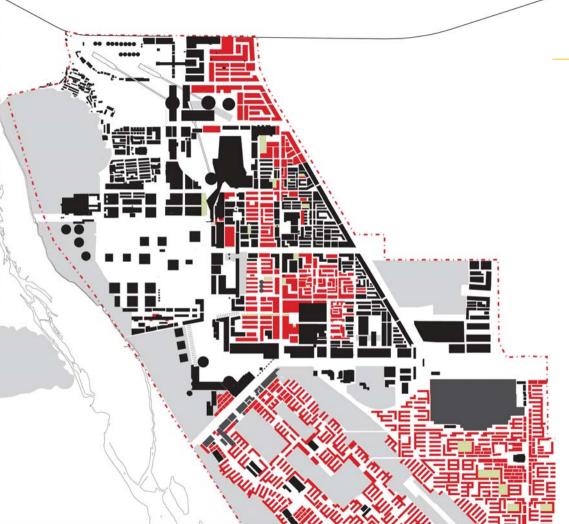




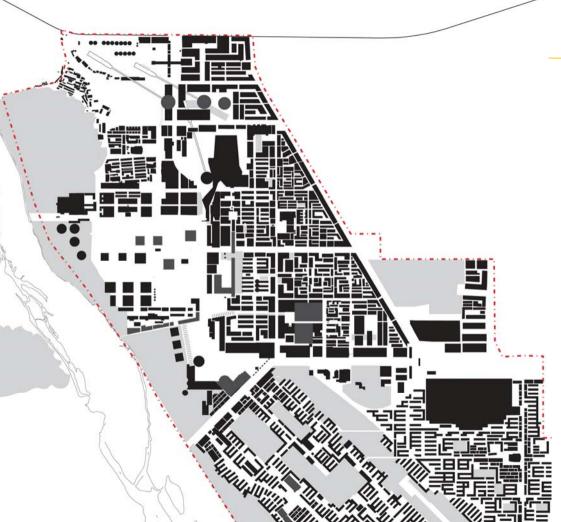
Site Integration over time— layer 1



Site Integration over time—layer 2



Site Integration over time—layer 3



Site Integration over time layer n

一期:创新工业世博 layer 1: EXPO of Industrial Innovation



具体空间形态 physical design

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一期:创新工业世博 layer 1: SWOT

Strength 优势

- •工业构造物与铁轨遗址将是世博会的亮点
- •自然环境优美,有湖有山有河,将成为良好的休憩场所
- •长安街尽端,位置显赫
- •地铁延长线与新线经过地段

Weak 劣势

- •大量的前期投资,需要较长时期才能看到回报
- •前期准备阶段,首钢工人的就业与安置问题需要解决

- •设置基金向社会集资
- •世博场馆建设以及相关服务业将提供大量 就业岗位

Opportunity 机垒

- •政府与市民对首钢地区的极大关注
- •石景山区的发展,二产向三产的转变
- •长安街向西延伸,地段升值

Threat 威胁

•房地产开发带来短期利益的诱惑

•由政府支持的一级土地开发商统一开发

TsinghuaMIT

Layer 1: EXPO SWOT

- Industrial structure and railway could be used as SHOT in EXPO
- Beautiful natural environment (hill, lakes & river) which could make the site an attractive recreational area
- Located at the end of the East-West axis, which is significant in the city structure
- New subway station will be built

- Mass investment in the preparation period, and a comparatively long the construction of EXPO building and time to gain profits
- The resettlement of employment of Shougang workers in the preparation period

Establish a fund to get public offering service work would provide a lot of job opportunities

Opportunity 机组

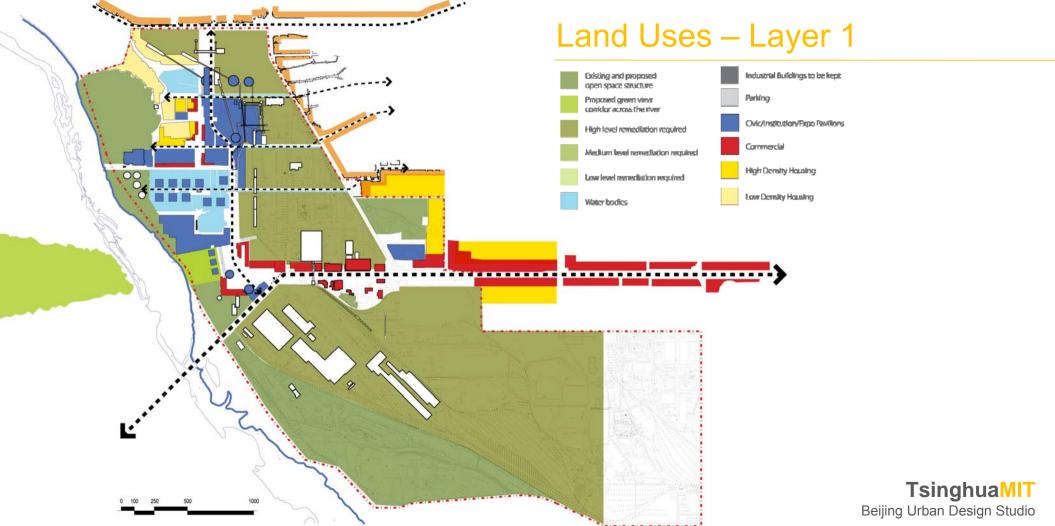
- Great interest/concern of the site from the government and civilians
- Development of SHS district
- Transformation from industry to Commercial and Services
- Extension of the East-West Axis which would enhance the value of the area

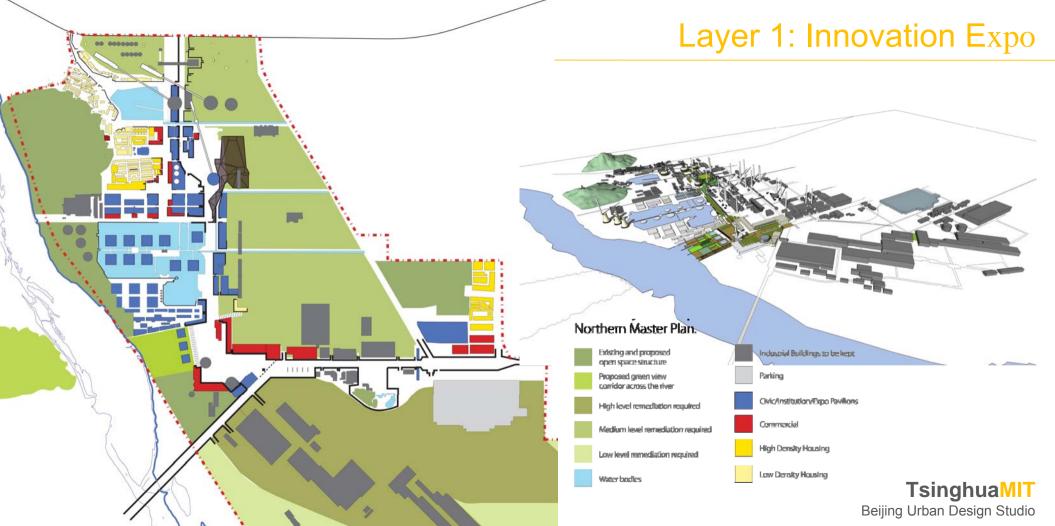
hreat 威胁

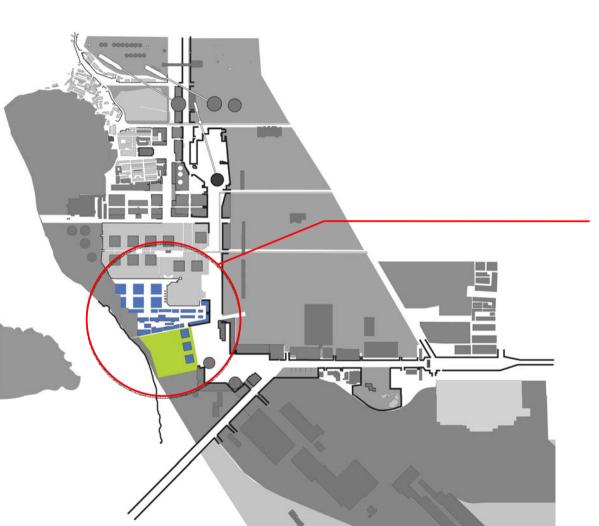
The lure of the immediate great profits of the real estate development Sovernment supported Developer Tsinɑhua<mark>∭</mark>

一期:创新工业世博 layer 1: EXPO of Industrial Innovation









Civic Layer - Expo Site Northern Master Plan.

Chinese Pavilions

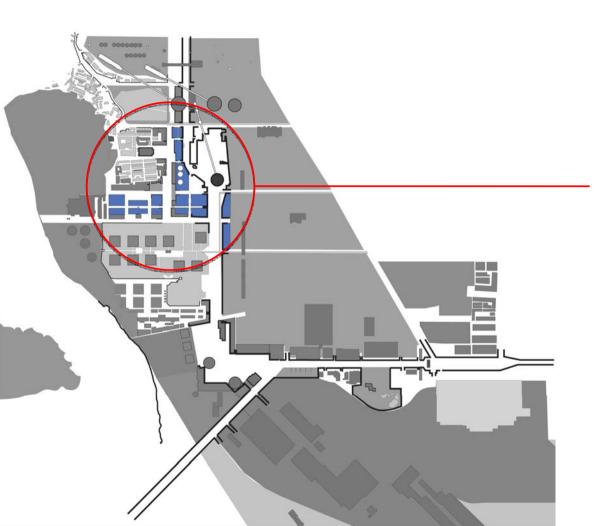




Civic Layer - Expo Site Northern Master Plan.

International Pavilions

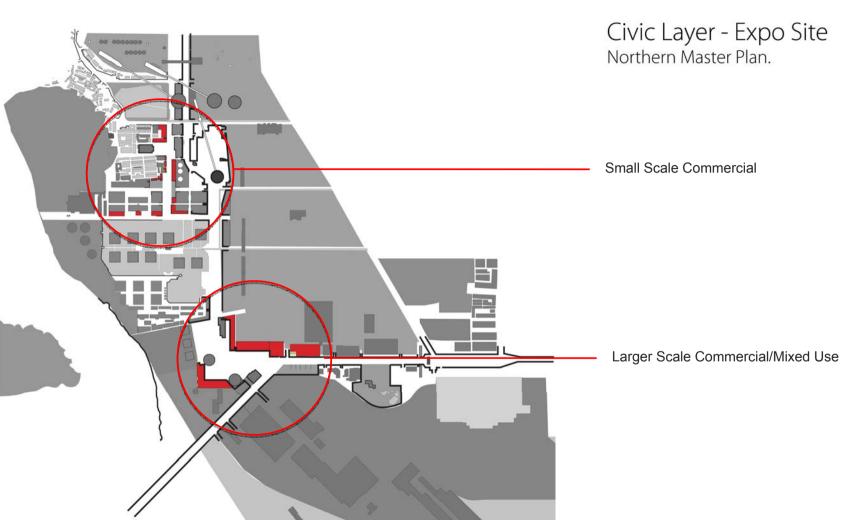




Civic Layer - Expo Site Northern Master Plan.

Institutional and Commercial Exhibitions





Civic Layer - Expo Site





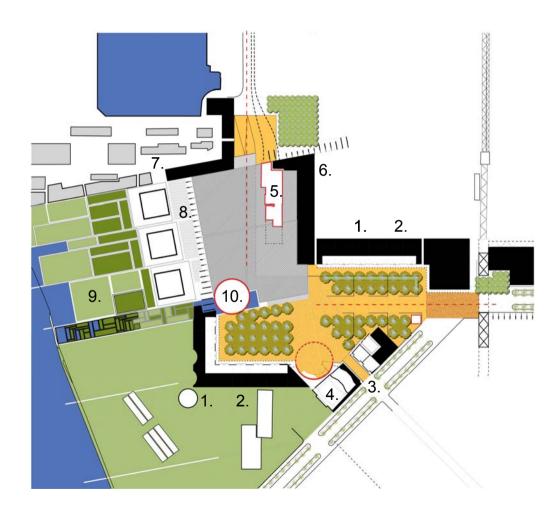
Civic Layer - Expo Site Northern Master Plan.

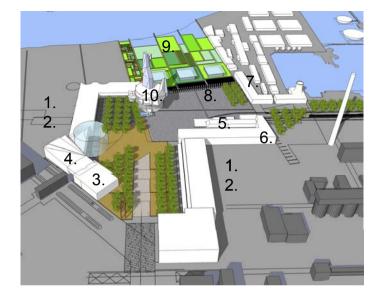
Expo Village and Residential

Larger Scale Residential around new subway









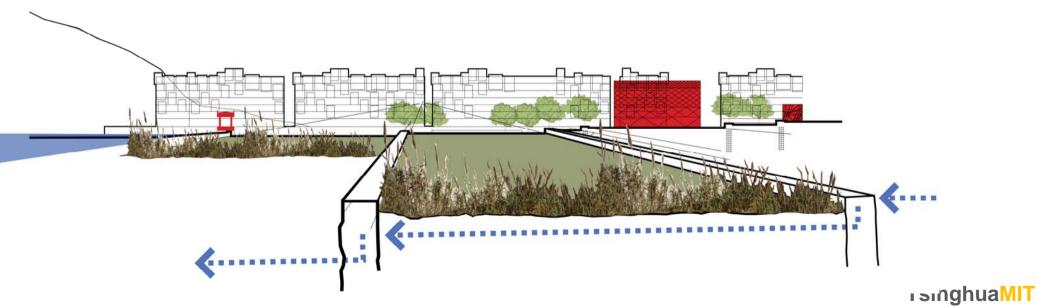
Civic Centre:

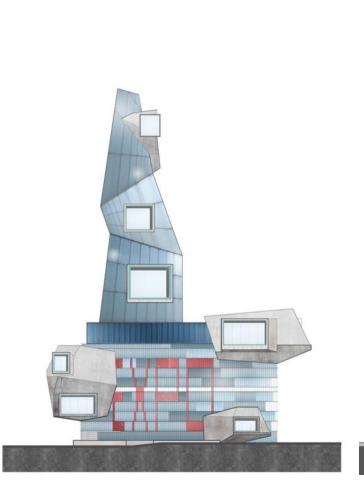
- 1. Street level commercial
- 2. Office/hotel above street
- 3. Welcome/orientation centre
- 4. Auditorium
- 5. Station
- 6. Parking/administrative
- 7. Chinese exhibition
- 8. Re-purposed steel lattice screening
- 9. Reed run-off filtration beds
- 10. Digital landmark/information node

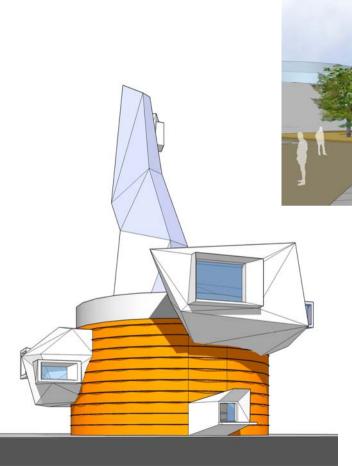




Connection to the River

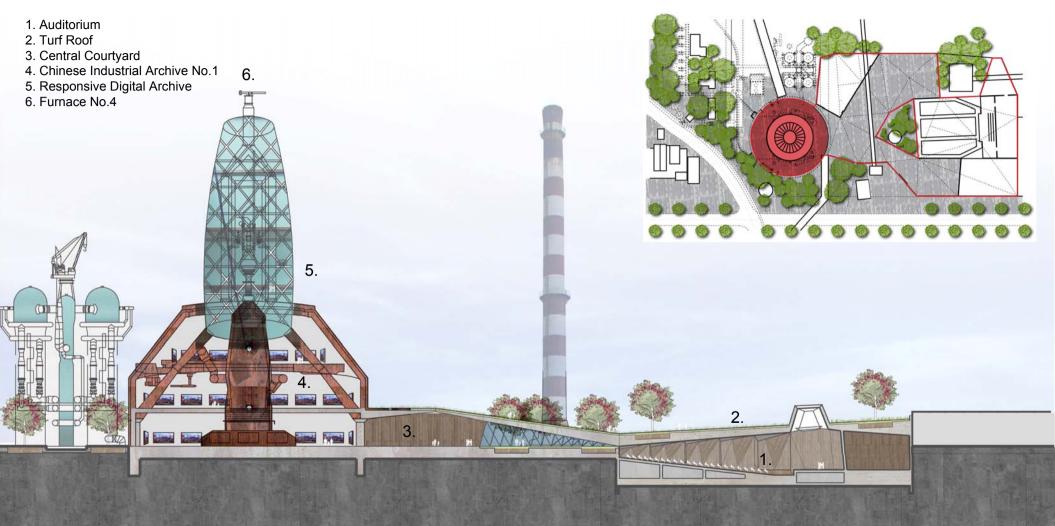


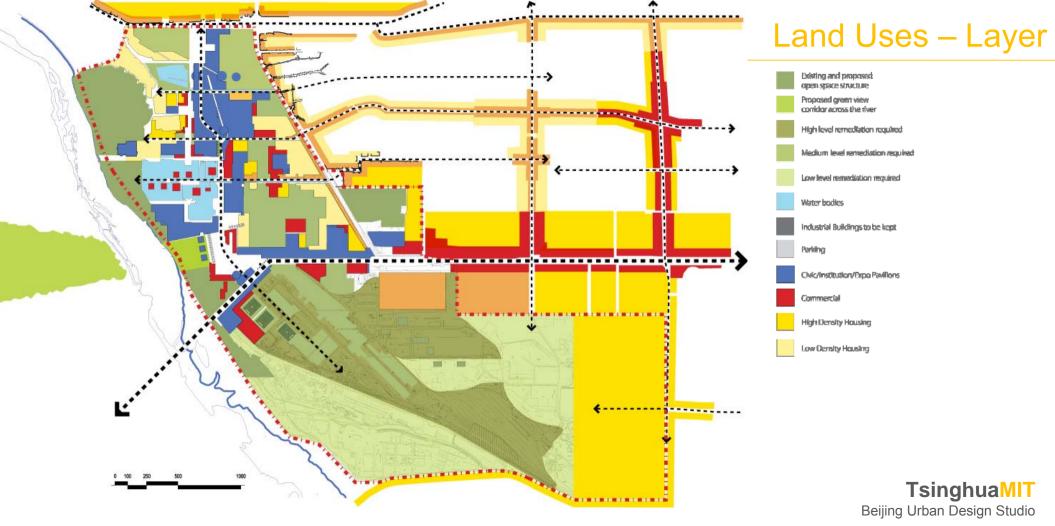




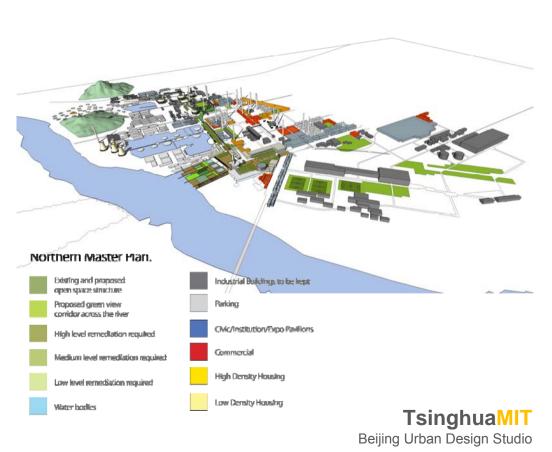




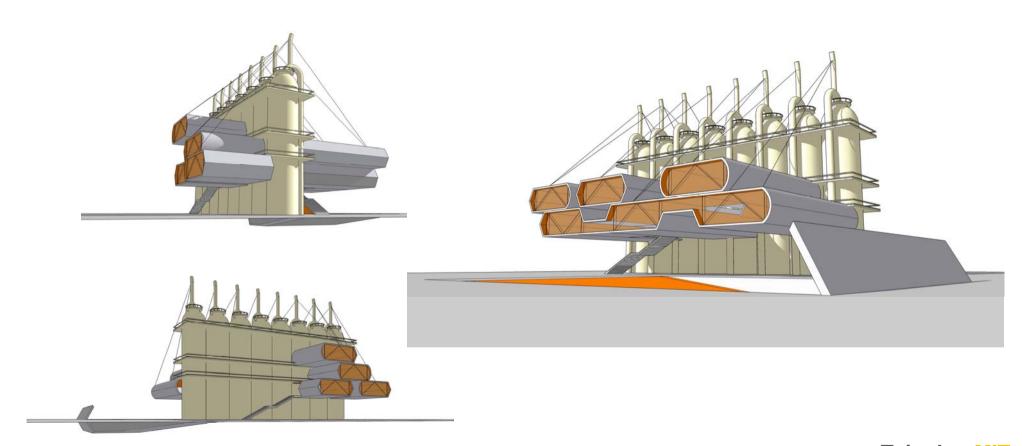




Land Uses - Layer

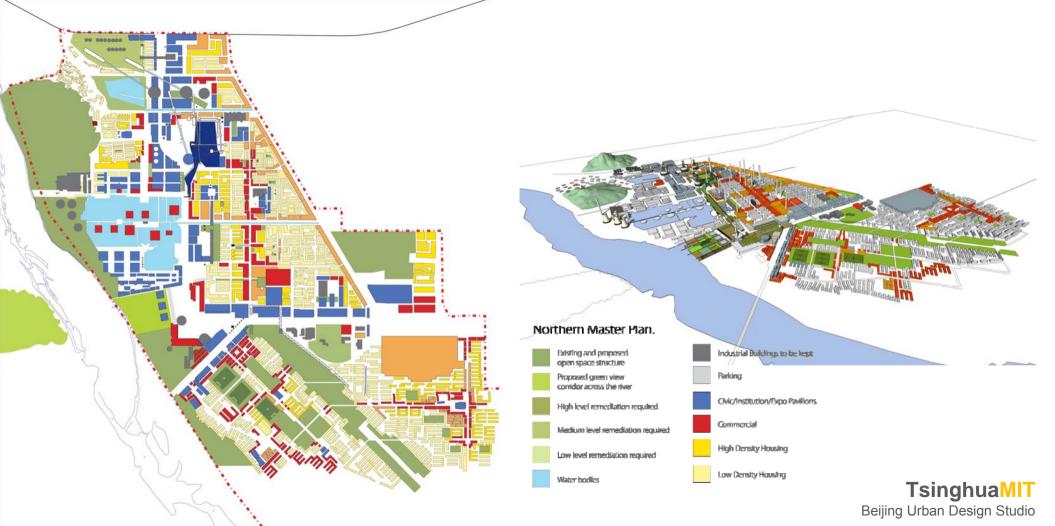








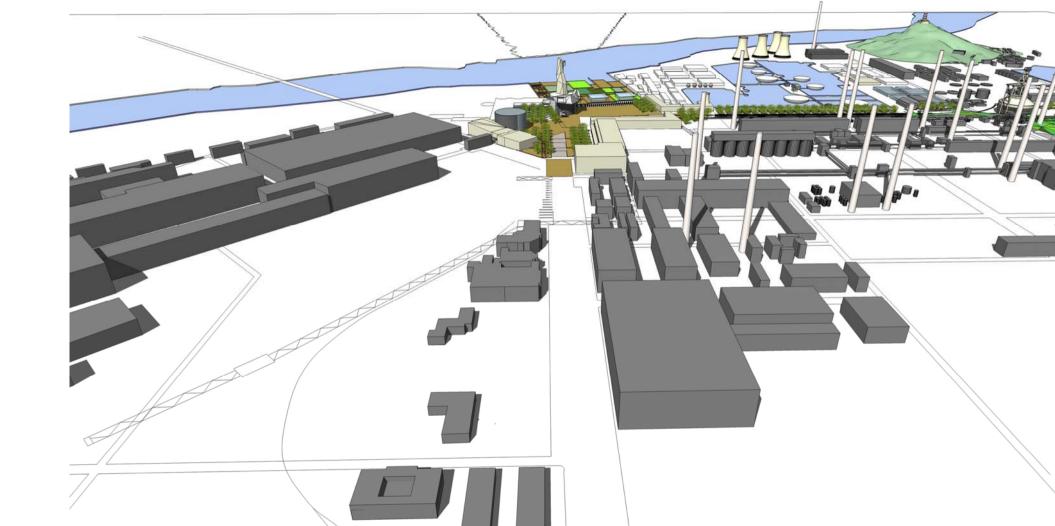






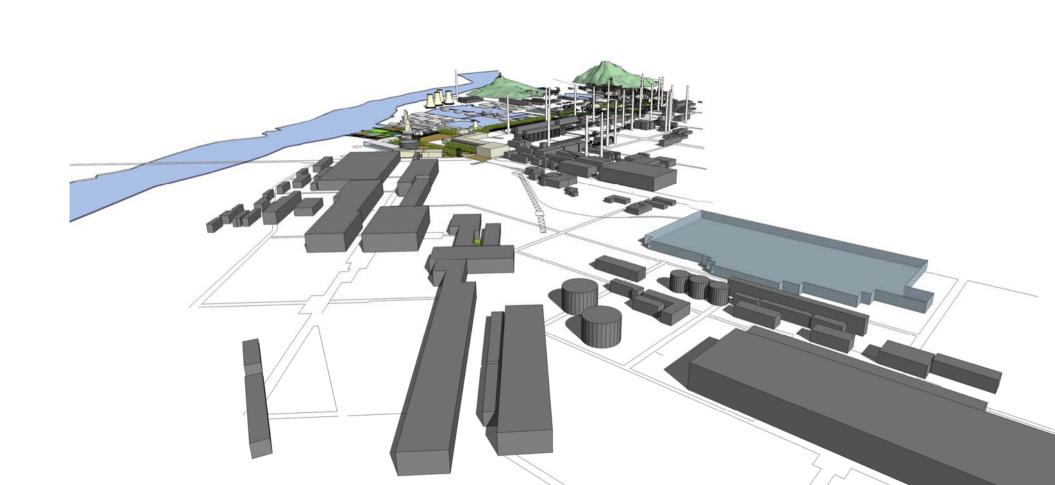






















利益 Benefits

- •吸引世界各国关注首钢地区的发展 Bring international attention to the site
- •保留地段特质——文化感与历史感 Retain the underlying DNA of the area as a site of industrial process
- •重新定义工业在21世纪国际大都市中的角色 Foregrounding the need to redefine the role of industry in the 21st Century global urban centre
- •持续发挥大首钢地区工业构造物、系统以及周边社区的价值
 Realizing the continuing value of the structures, systems and communities that encompass the larger industrial site
- •开始公共基础设施的初步建设
 Build the first stages of public infrastructure

谢谢! Thank you!

