

10 hectares., 1700 m long, producing 2400 cubic meter of water per day, water for 5000 people

The deep form of ecology: Haikou Meishe River海口美舍河





The regional plan of an ecological infrastructure





Urban: existing lake shore



proposed



proposed



Computer rendering of the Meishe River and **Fengxiang Park**

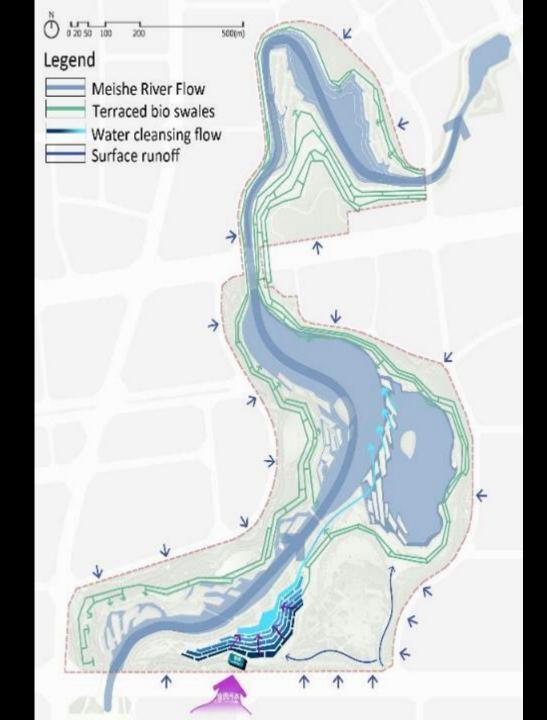


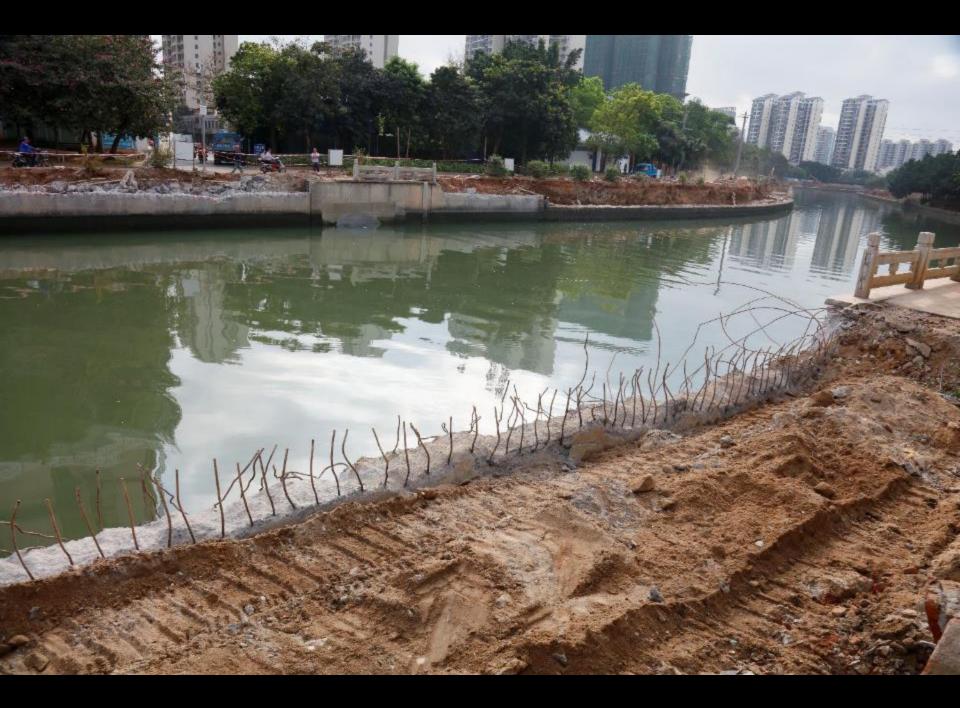
Suburban: existing undeveloped

proposed

The regional strategy: Planning an ecological infrastructure, transforming gray into green integrating flood control, storm water management, habitats and recreational uses,

The Site Plan



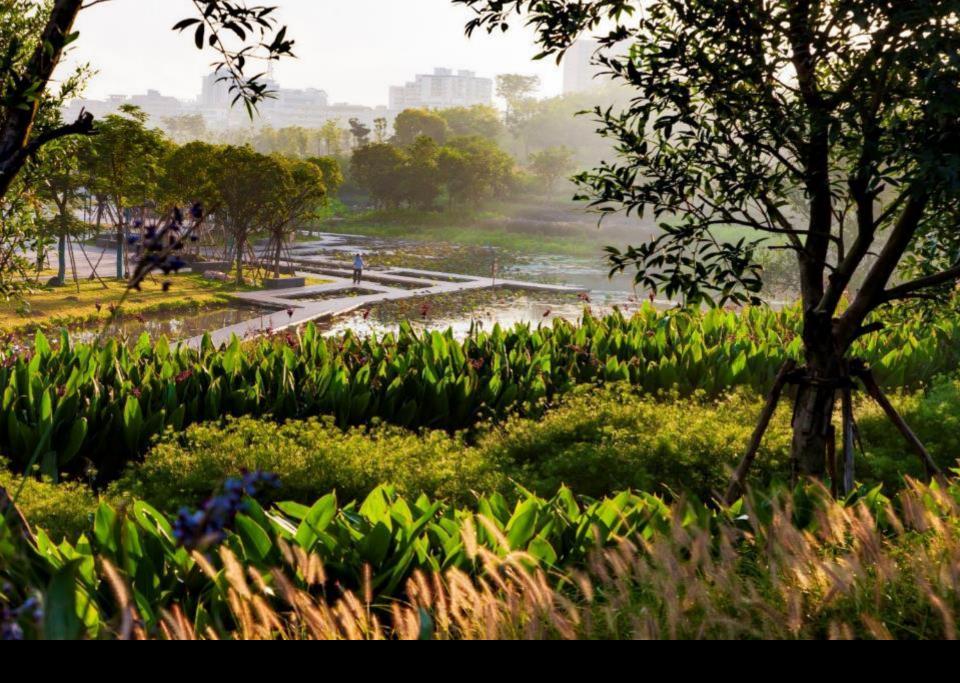


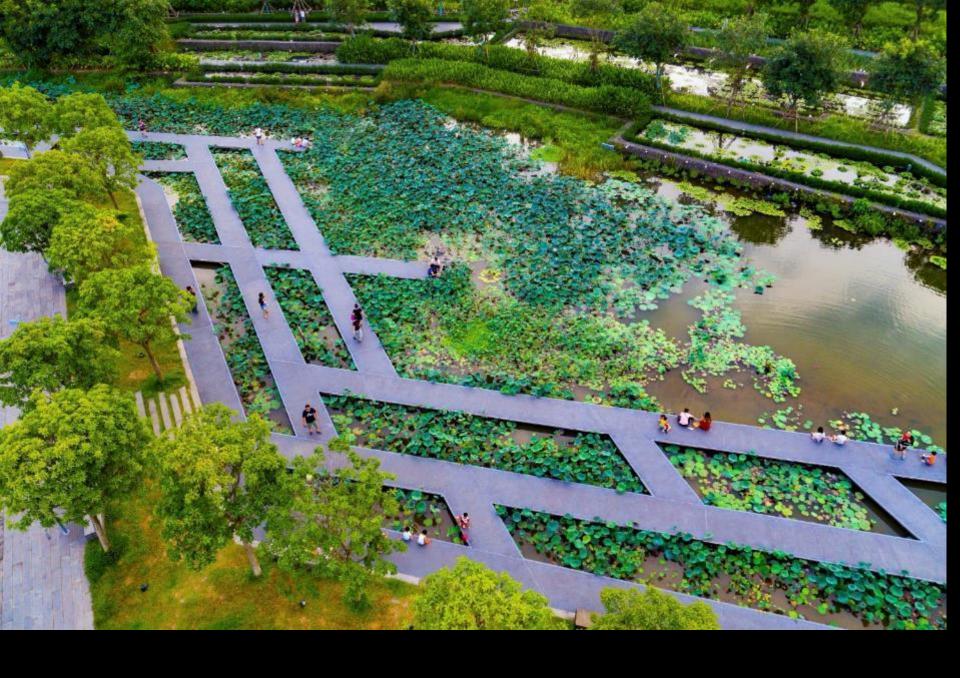






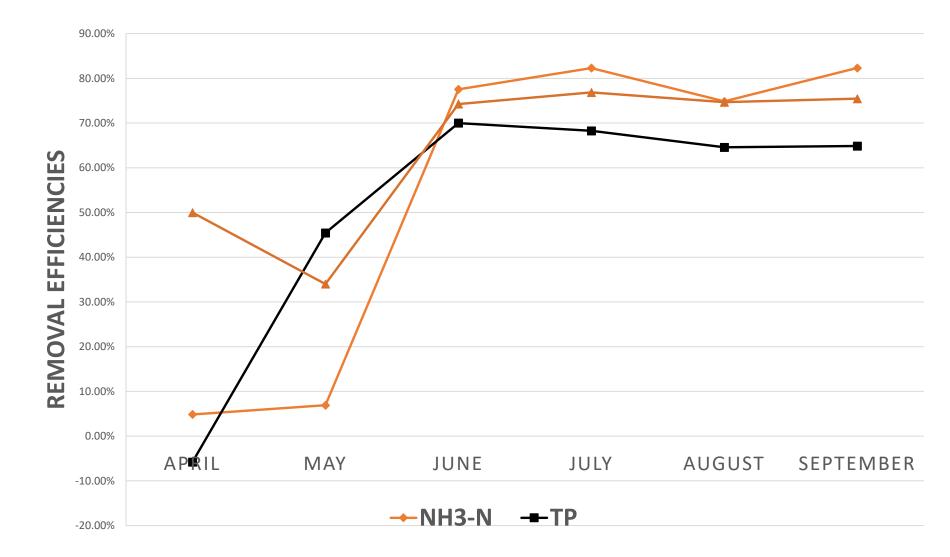






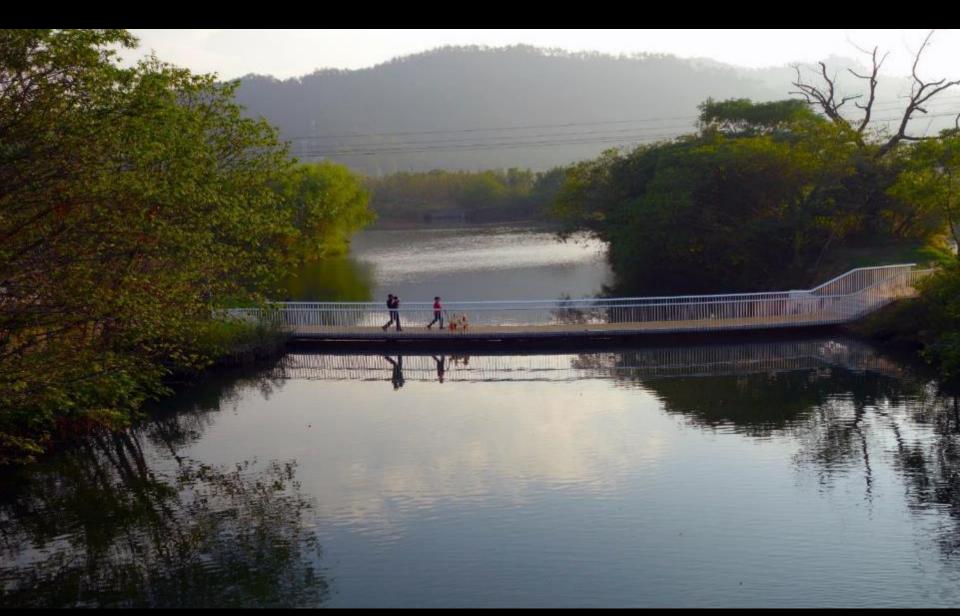


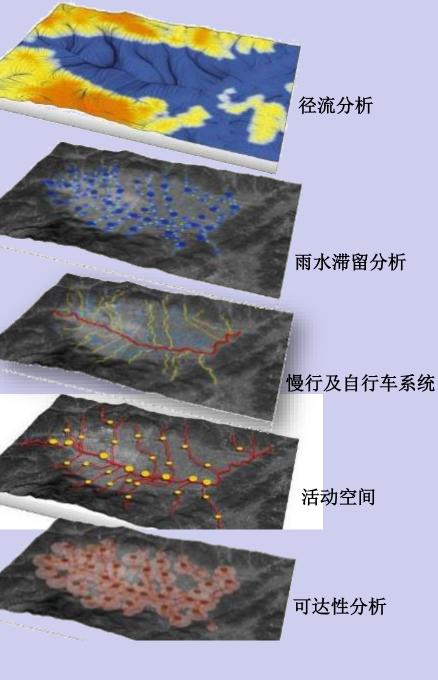


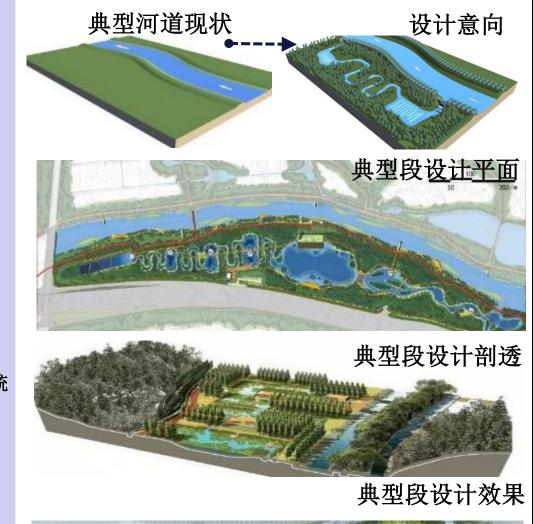


16 Post operational evaluation: Overall Removal effect of pollutant indicators in wetlands

Nature based solution to Soluitons Fiver Waters 浙江五水共治首例: 金华浦江,浦阳江







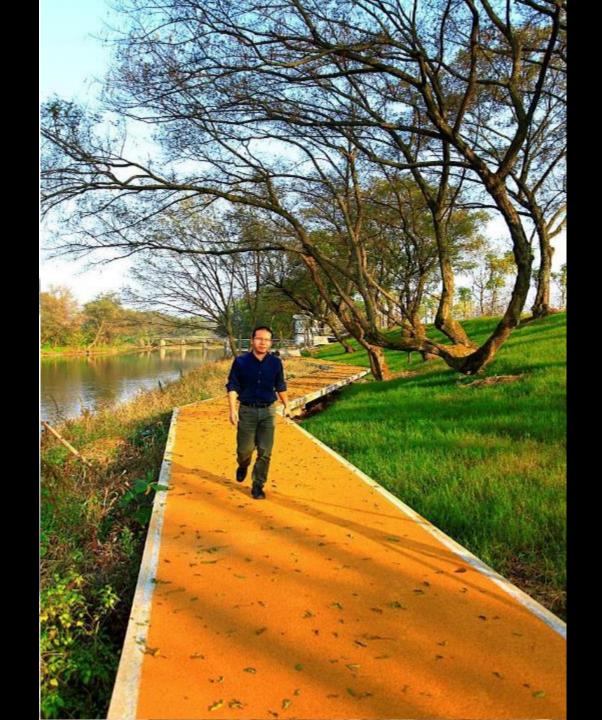






剧化的转变为一条丰富而连续的绿色基础设施。

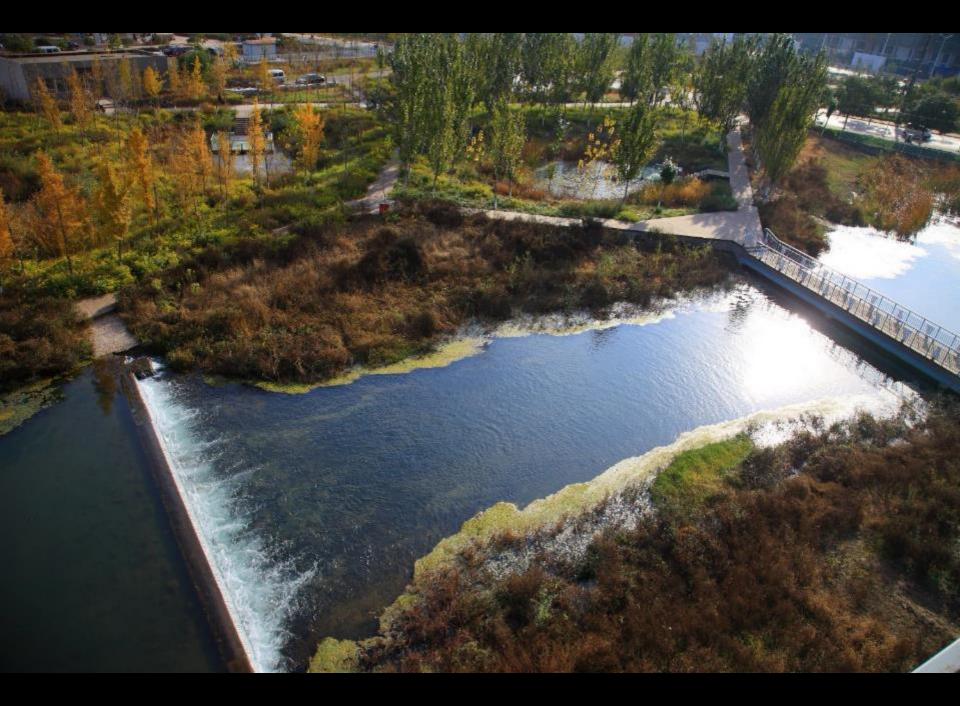


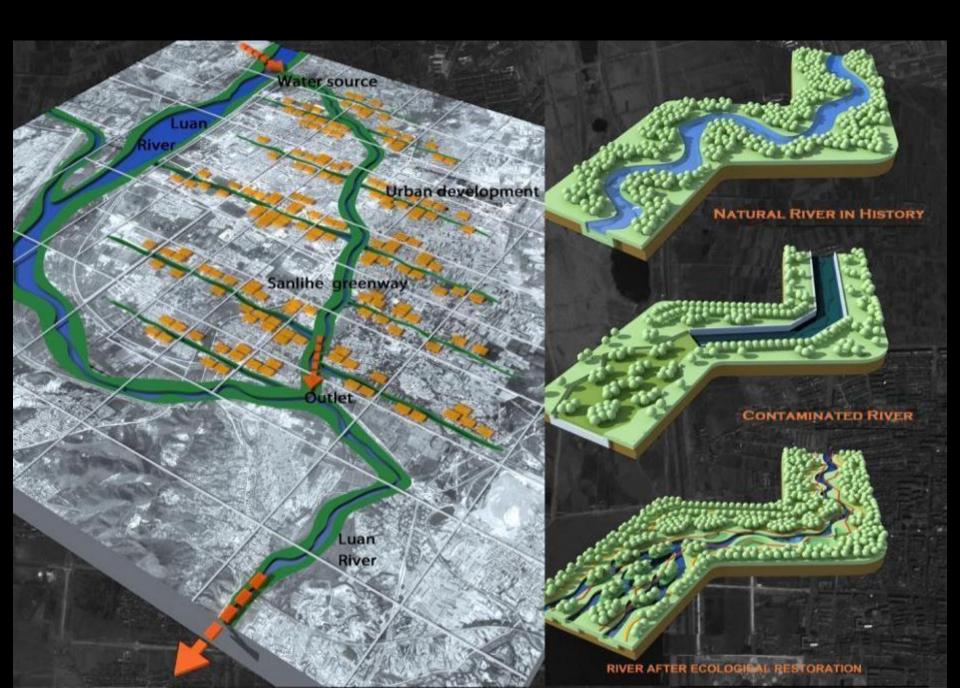


Recovering Mother River: Qian'an Sanlihe Greenway *社安三里河*

The Sanlihe River, 11 Kilometers long, Qian'an City, Hebei Province









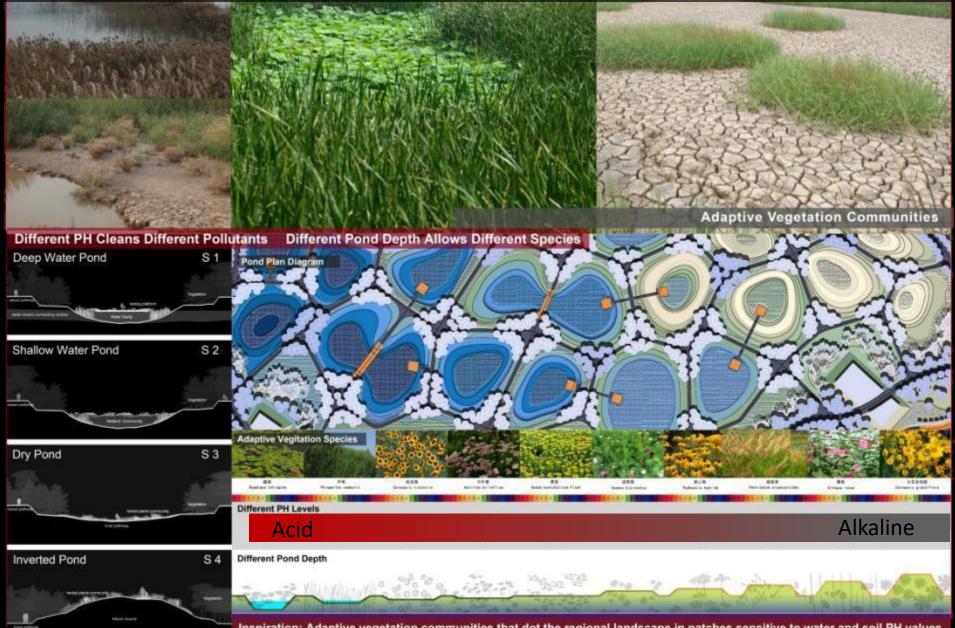


#7 "Green sponge" to remediate the soil contamination 60% of the urban soil is contaminated 城市污染地治理,天津桥园

Before

Qiaoyuan Park, Tianjin City

改变PH 值



Inspiration: Adaptive vegetation communities that dot the regional landscape in patches sensitive to water and soil PH values



Management of PH and water



PH Values

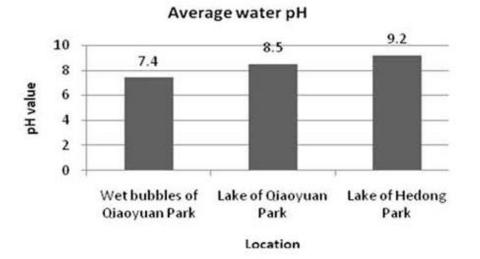
Water Flow



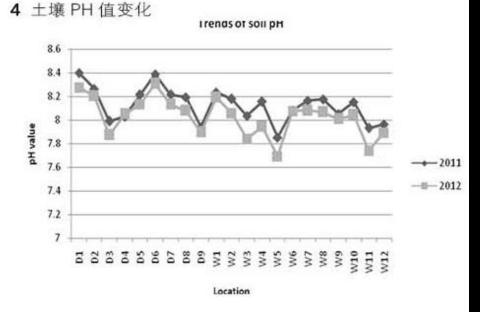




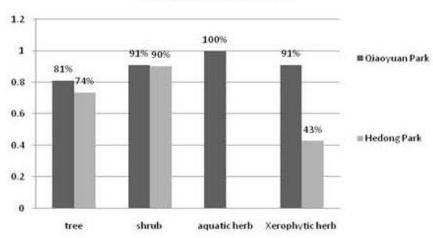




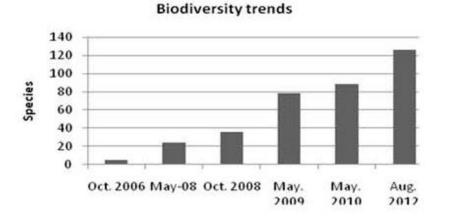
5 与其他水体对比, 生态服务仿生技术对场地盐碱度明 显改善



6 2011-2012 对每个水泡测定的 PH 值的变化结果 碱性明显下降



Percentage of native species



7 恢复后的生境,生物多样性逐年提高

#9 Green Solutions to Transform A City

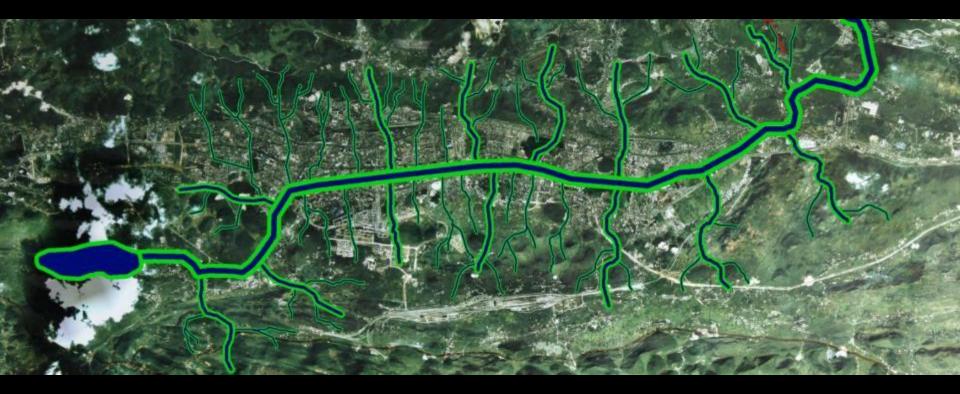
Liupanhsui City, Guizhou, 贵州六盘水

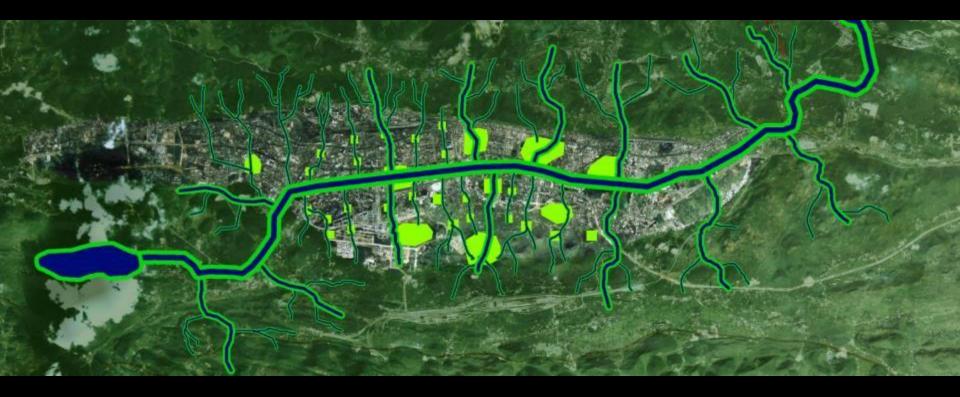
























宁波东部新城生态廊道Ningbo East New Town (World Bank supported)

















#10 Go Productive

China has 20% of the world's population, but only 8% of world's arable land, 10% of which was lost in the past 30 years due to urban development.

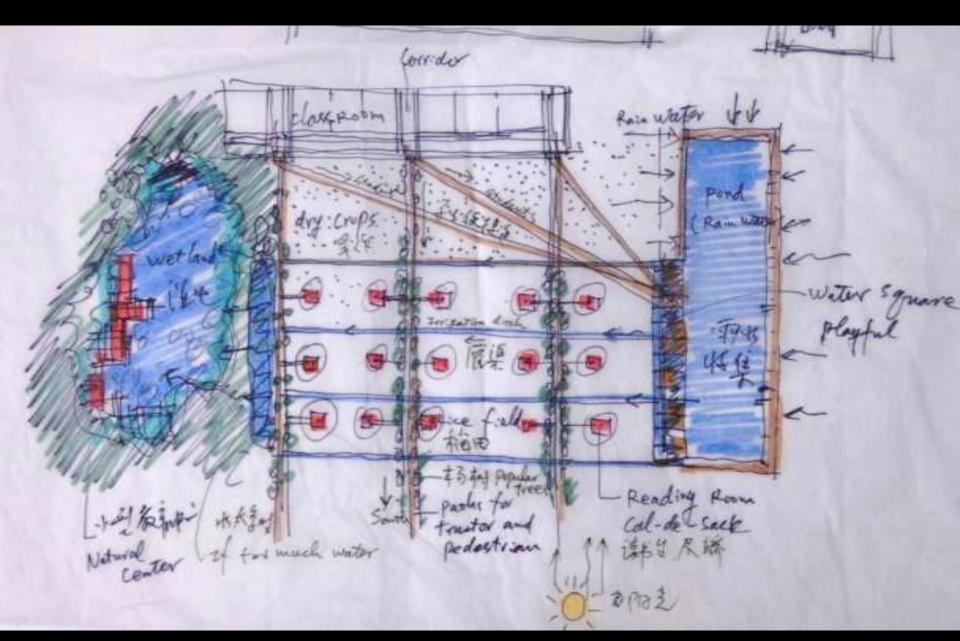


Shenyang Jianzhu University, Liaoning Province 2003



01. Central Pond 02. Dry Crop Area 03. Rice Fields 04. Library 05. Laboratory 08. Classroom 07. Architectural contidor 07. Architectural contidor 09. Sports Center 10. Cafeleria

115 00 50

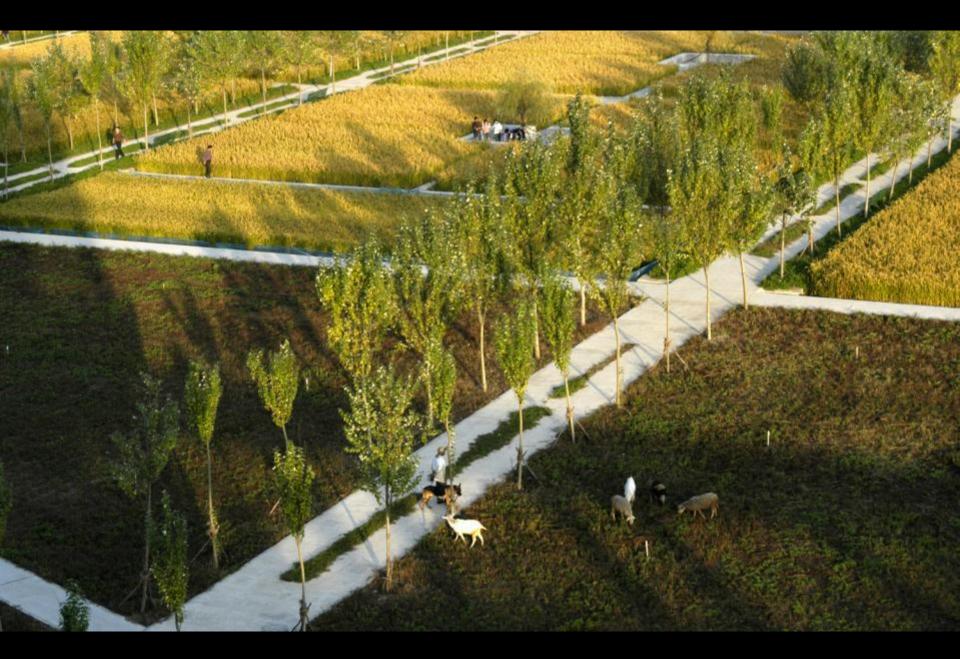


Water is harvested, crops (rice and buckwheat) are used for the landscape, and put studies in the middle of the paddies











Rice fields are made penetrable using concrete narrow paths, that allow students and faculty to touch and feel the rice.



A professor on his way to class



The Rice Planting Day





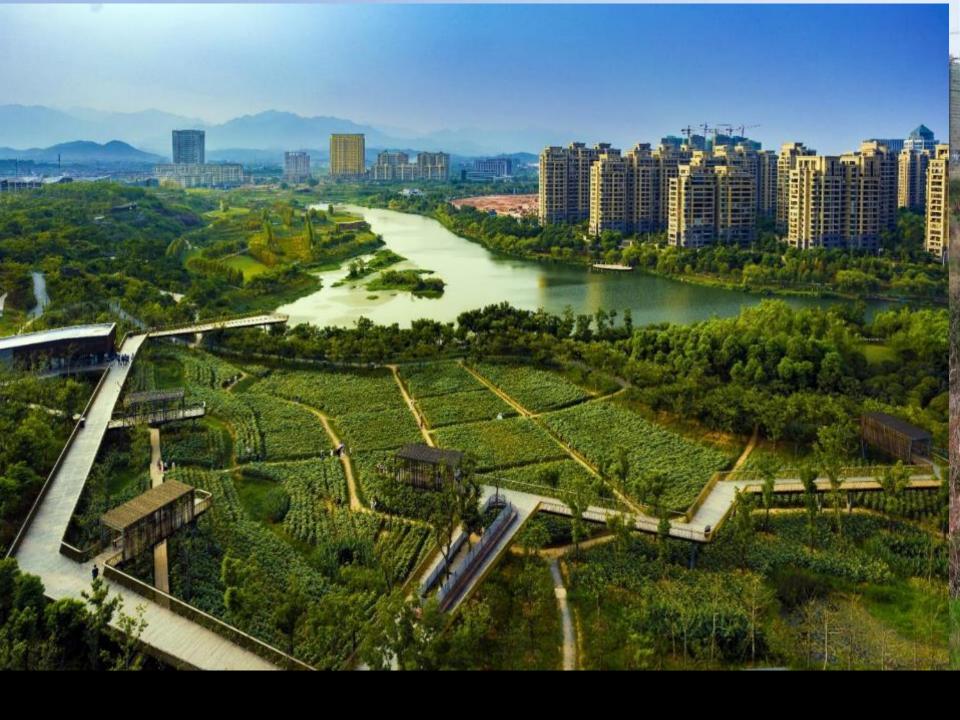


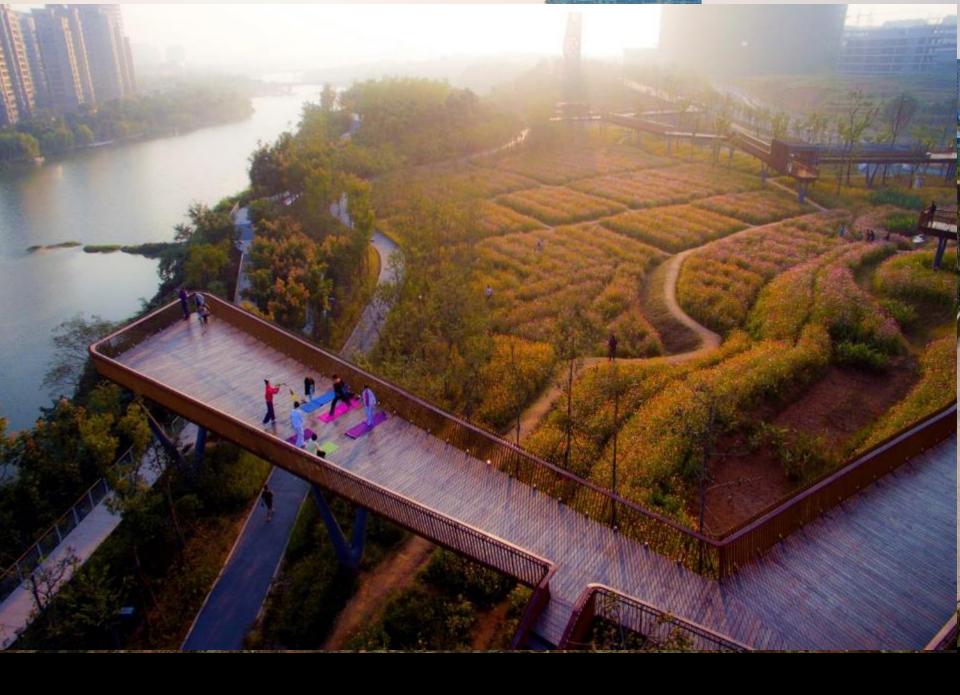
Golden Rice becomes an icon: the rice produced on the campus is harvested and distributed as "Golden Rice," serving both as a keepsake for visitors of the school, and also as a source of identity for the newly established, urban campus.

AgriculturalUrbanism: Quzhou Luming Park, Zhejiang Province, 2014



Pre-existing landscape: a remnant landscape patchwork surrounded with high density development



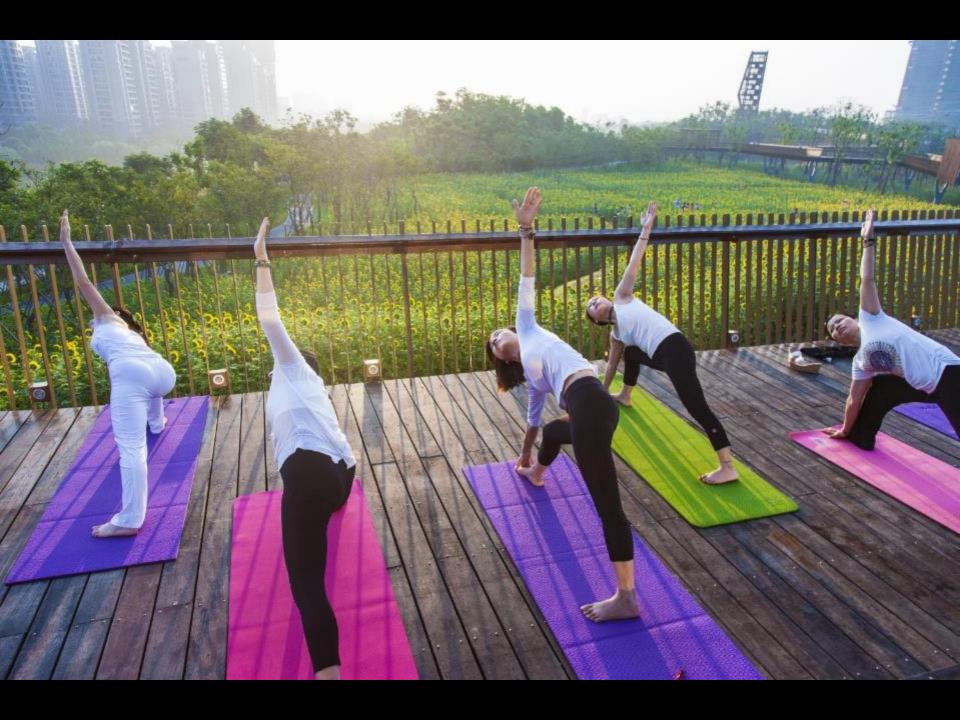




A planting palate is programmed around the seasons that combining productive crops, traditional medical herbs, nutrient fixing plants, and beautiful



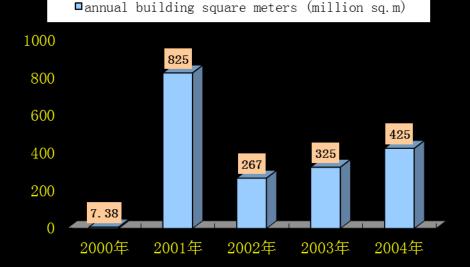




#11 Value the Ordinary Reuse and Recycle

Hundreds of millions of square meters were built, and significant amount had been torn down. Thousands of villages and factories wiped out. What can you do?



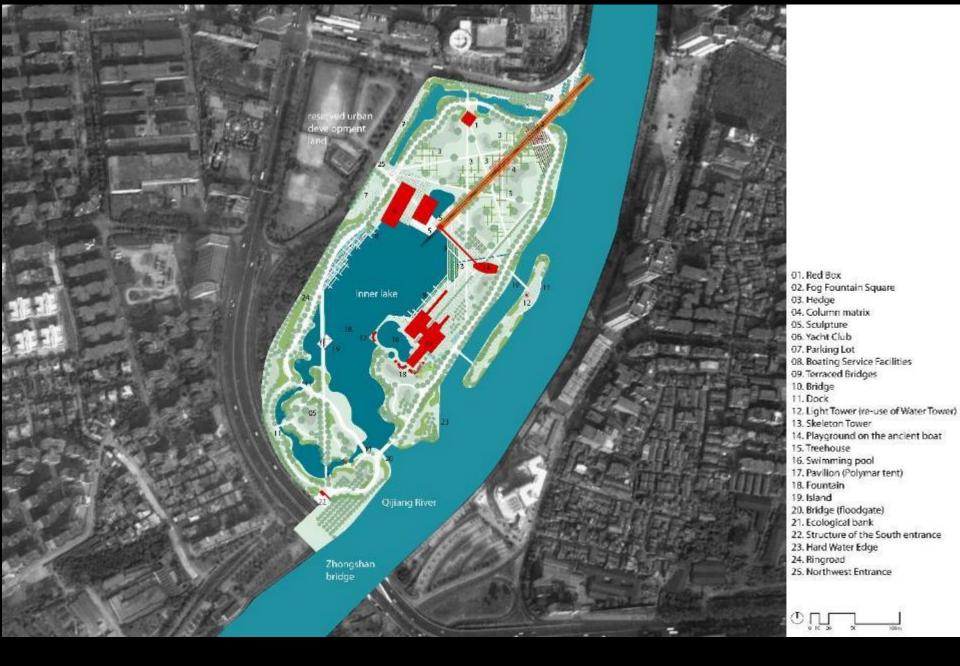


Destroyed: 156 million square meters (2003)

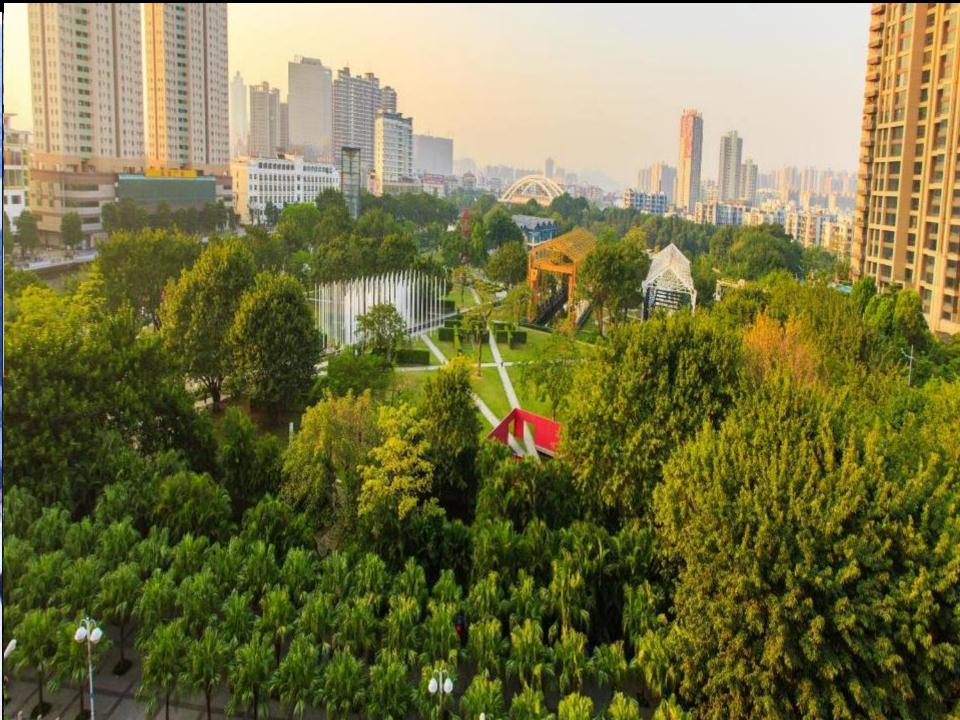


Zhongshan Shipyard Park

11 hectares, built in 1950s, bankrupted in 1999, small but typical of socialist industry, 1500 lost their jobs.

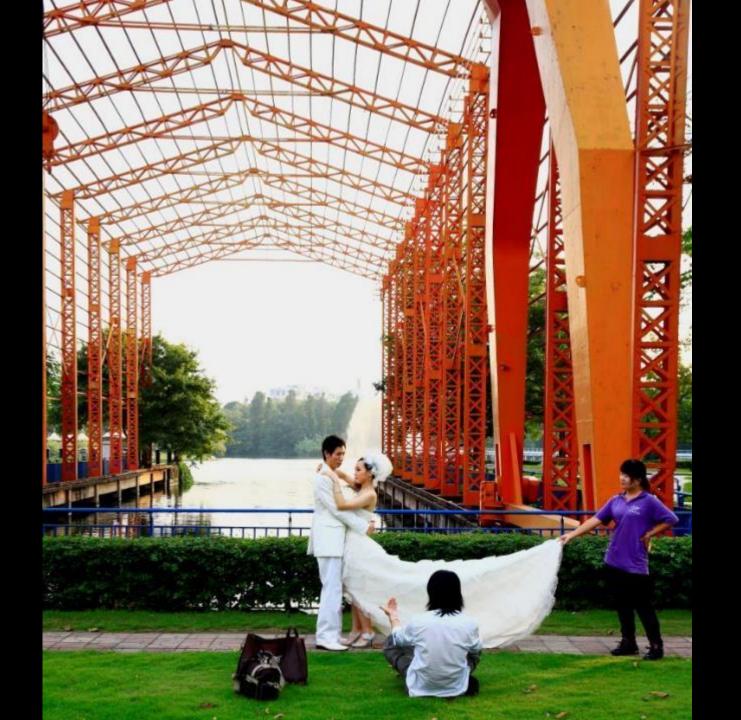


Reserve, Reuse, Recycle

























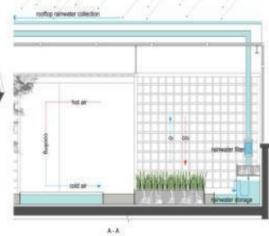


#12 Begin From my home: Small solution to big problem

40 billion square meters of building, 2 billions increase every year, 99% of them are energy inefficient, how can we help?





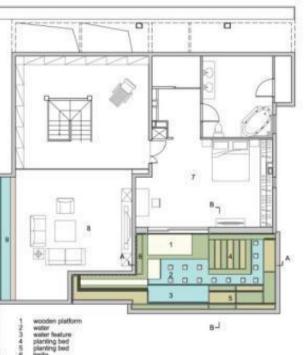




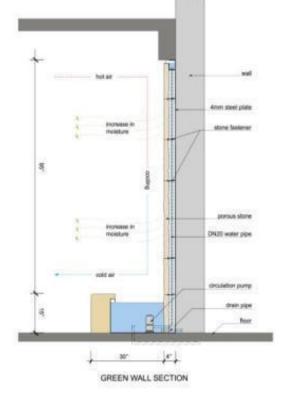


۲

Ē

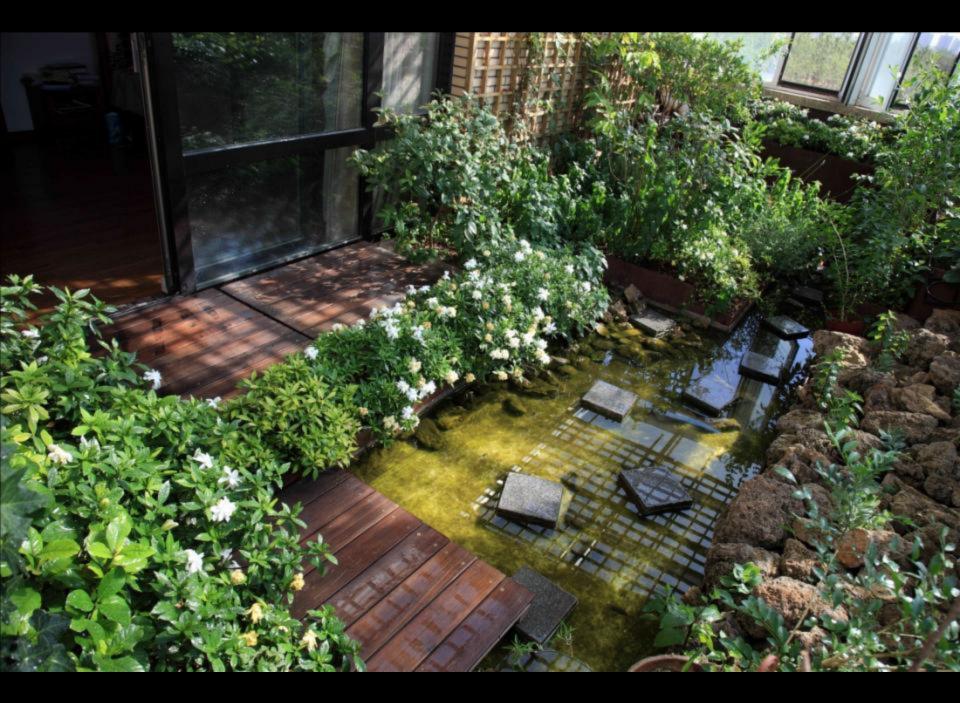


MASTER PLAN





08 The vegetable garden: productive ecosystems that provide fresh fruits and vegetables for the kitchen











Community education: Small solution to big problem



Small solution to big problem This home collects 52 tons of rain water saves 2000 KW of electricity produces 32kg of vegetable

If every building is green, we can save the energy equivalent to 10 Three Gorge Dams, 30% of national energy consumption

We think like a king, but act like peasants



Peasants who change the national landscape

Turenscape Group Photo

Bring Nature to city to create deep forms, with city and nature in harmony:

Through Planning, Design and Engineering and management

Thank you!