

Competition: Green Wedge Beicai, Pudong, Shanghai, China

Planning a modern, environmentally conscious and attractive urban district near the center of Shanghai

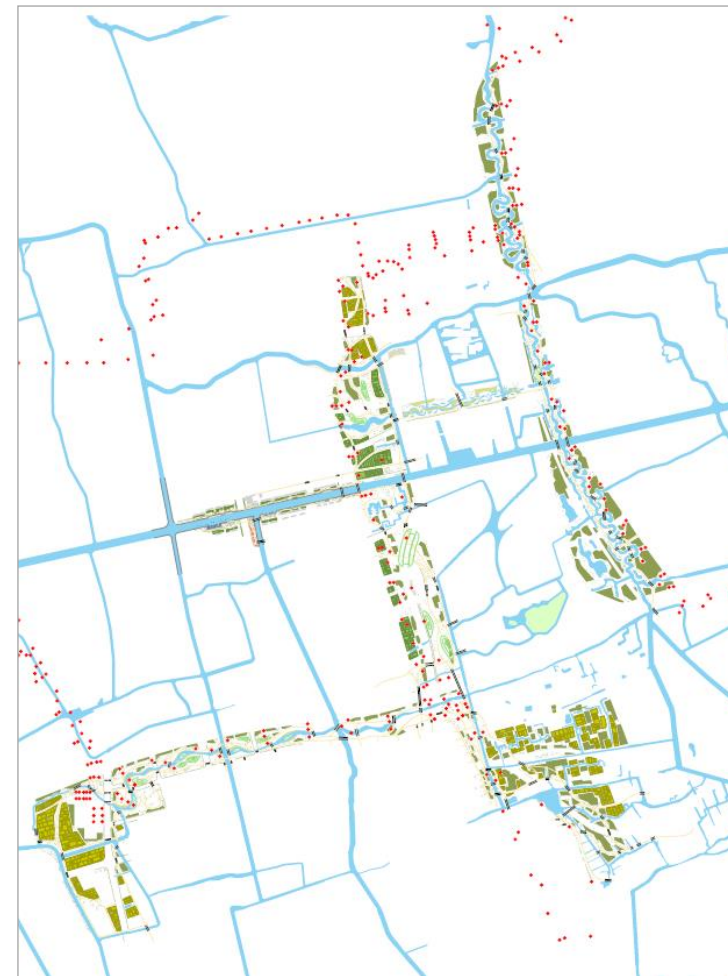
Client	SBA / M+P Architektur Städtebau, München
Project processing	PSU – Prof. Schaller UmweltConsult GmbH
Processing period	2017
Services	Inventory analysis of urban nature and settlement structure, Potential and deficit study, Research on national examples of ecological urban development, Development of conceptual approaches for the local promotion of nature, climate and recreational use, Design planning for open spaces in the planning area
Area size	2,78 km ² (Investigation area), 10,6 km ² (Planning area)

The Pudong district in Shanghai is planning to redesign the green spaces in the Beicai area. The Beicai green spaces form one of eight green wedges that are designed to improve the climate in downtown Shanghai.

The planning should take into account the following four objectives:

- Development of an eco-city / city in the forest
- Representative "City of the Future" (mainly ecological, climatic and industrial)
- City of culture (modernity and history)
- Public leisure activities & ecological / environmental renovation as the main functions of the new planning

The results were presented in Shanghai at an interim presentation and a final presentation. The focus at the first presentation was on the conceptual approach to the topic. The focus of the final presentation on the creative implementation of the concepts in the design area.



Plans and photos: PSU

Work phase 1:

- Creation of a collection of materials on the local conditions: urban nature (green spaces, plants, animals), water, settlement structure
- Analysis of axis connections in the investigation area (to: traffic, climate, culture)
- Analysis of potential and deficit
- Research of national examples as a model for the functional development of Beicai
- Development of conceptual approaches for the local promotion of nature, climate and recreational use

Work phase 2:

- Selection of focus areas for design in a team with SBA (scale 1: 2500)
- Overall design for the planning area (scale 1: 5000)
- Development of an optimal network structure of traffic, nature and climate in main and secondary axes
- Draft planning of the green areas in the focus areas using the developed concepts
- Advice on linking the planning items

The concepts focus on the multifunctionality of green spaces as noise protection, privacy protection, retention areas, nature conservation areas, climate-effective areas and public open spaces.

Spatial priorities were set depending on the results of the inventory analysis and the requirements derived. These areas were linked together with the urban planning drafts in a plan.

