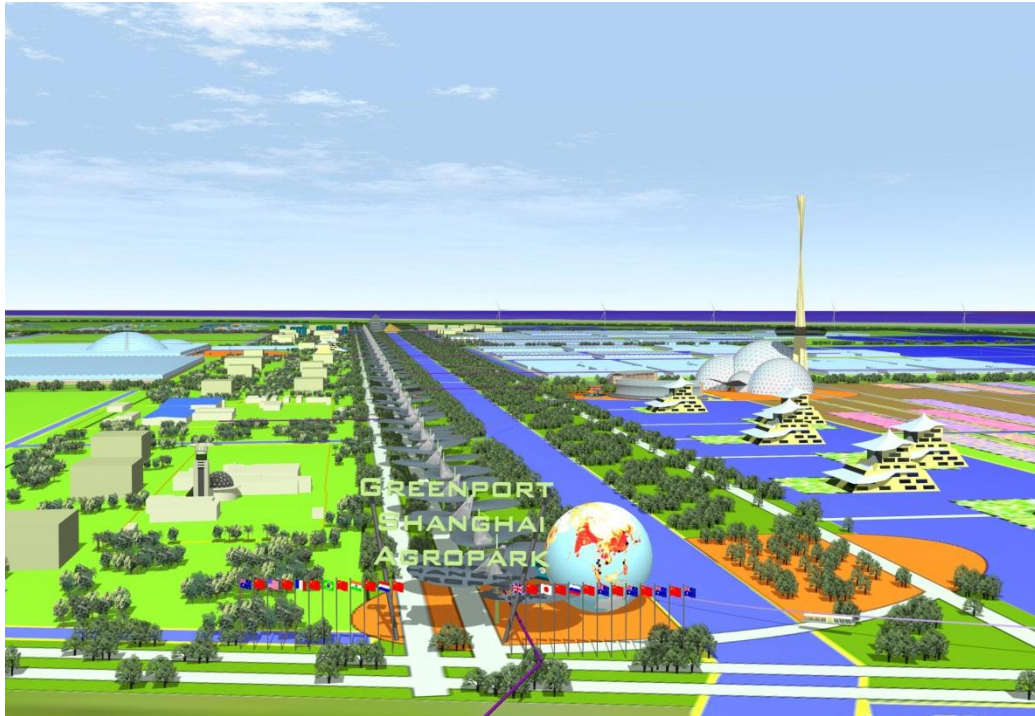




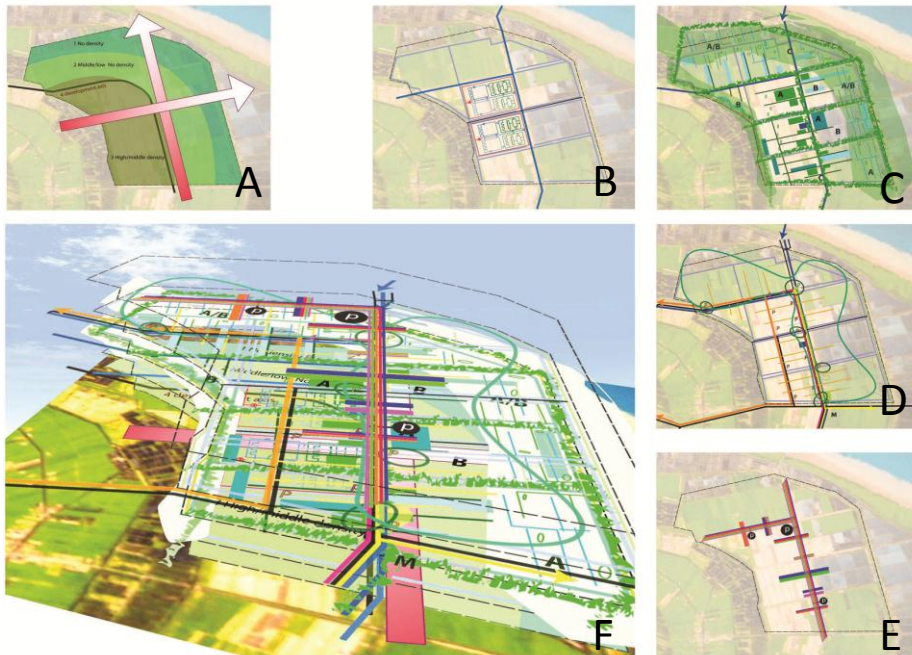
Assignment name: Conceptual Masterplan Green Port Shanghai	Approx. value of the contract: € 2.000,000
Country: China Location within country: Dongtan, the east head of Chongming Dao near Shanghai, China	Duration of assignment (months): 14
Name of Client: Shanghai Industrial Investment Cooperation (SIIC)	Total N <sup>o</sup> of staff-months of the assignment: 160
Address: Shanghai Office: 21/F, Golden Bell Plaza, No.98 Huai Hai Zhong Road, SHANGHAI 200002, CHINA	Approx. value of the services provided by your firm under the contract: € 570.000 Contract has been executed in joint venture with Chinese (100 Mths) and Dutch (60 Mths) partners.
Start date: August 2006 Completion date : November 2007	N <sup>o</sup> of professional staff-months provided by associated Consultants: Chinese (100 Mths) and Dutch (30 Mths)
Name of associated Consultants, if any: - Shanghai Industrial Investment cooperation - Knowhouse - Buijs Consultancy - Dutch (regional) governments, - Dutch entrepreneurs, - TransForum Agro & Groen, - Jiaotong University - Nanjing Agricultural University	Name of senior professional staff of your firm involved and functions performed: - Madeleine van Mansfeld, Alterra (project leader) - Jan Broeze, FBR (CPU technology) - Rik Olde Loohuis (3D design) - Marco van Stekelenburg - Ge Lan (Risk management)
<p>Narrative description of Project: Development of a masterplan and implementation strategy for a highly sophisticated Agro Park on Dongtan. The agropark is set within the constellation of the first ecopolis of China, a major wetland and nature area with grand leisure facilities. The Agropark consists of a demonstration park for China and showcase for the Netherlands, a trading facility for products, facilities and knowledge exchange and functional agricultural production units with as a heart the Central Processing Unit.</p> <p>A co-operating network of Chinese and Dutch business units consisting of knowledge institutes, entrepreneurs, governmental and non-governmental organizations which are involved in the master planning, will form a consortium of investors that will realise the masterplan.</p>	



The park comprises innovations in food processing, where production is part of the demonstration. It will show Dutch quality standards in food production and processing and will offer virtual connection to other agrofood innovation centres around the world. The Buildings are set in a semi-permanent outline that is continuously changing and being innovated. The agro trade park consists of two components, a market place for buying and selling products and services and a business centre. The agro production park will contain three types of production:

1. Land dependant agriculture: this is high standard intensive agriculture with semi closed dairy farming, open air vegetables production, open air bulbs and flowers, tree and urban green ornamental plants production and energy crops
2. Industrial agriculture with high standard intensive agriculture, closed systems with climate control ; Greenhouses producing vegetables, pot plants and flowers and intensive protein production: freshwater products, mushrooms pigs, poultry, as well as animal breeding, tissue culture, seedlings etc.
3. Processing of agro-products with high standard industrial processing from agro production park and imported products and of processing of selected wastes and by-products from Greenport Shanghai and surrounding areas.

The whole park will be based on carefully arranged planning principles along gradients, where integrated water management, ecological principals of connection, landscaping and realisation of open space form the basis on which a flexible, modular high tech agropark can function.



Infrastructure design of Greenport Shanghai: A: Zoning plan. B: Water system. C: Ecological infrastructure, D: Transportation. E: Pipelines. F: Integration of layers.

Description of actual services provided by your staff within the assignment:

- Project management and communication with the client
- Execution of feasibility study
- Process management of participatory co-design process
- Landscape Ecology input in design
- Hydrology input in the design
- Industrial Ecology input in design process
- Spatial design
- Agricultural Science input in the design

Firm's Name: Alterra / Wageningen UR

[References](#)