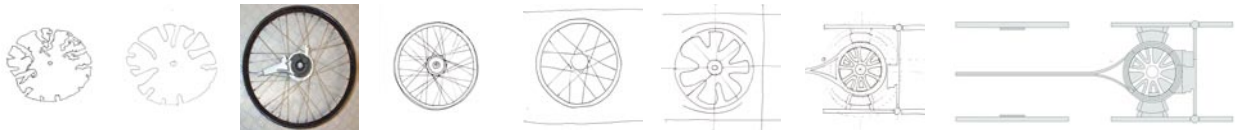


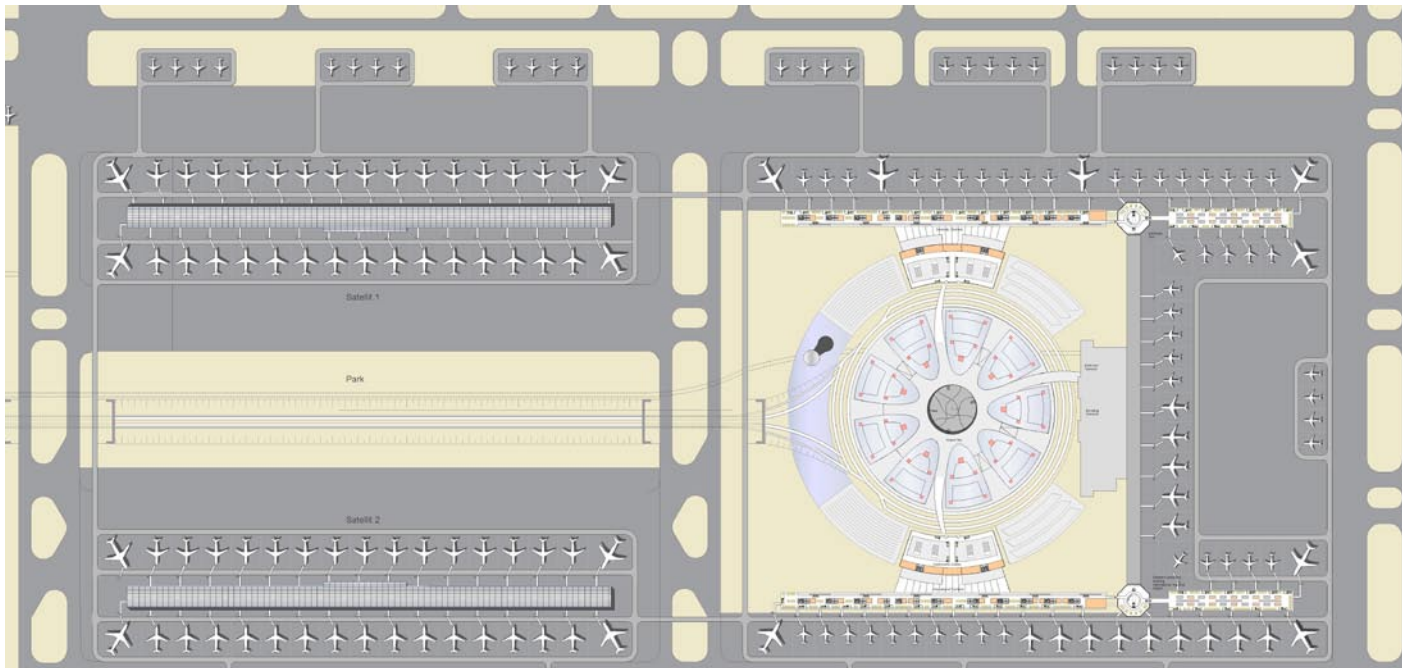
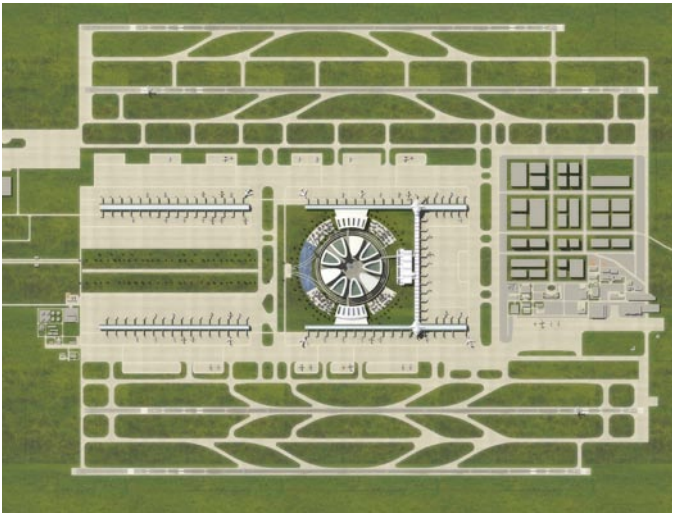
Hangzhou International Airport, Hangzhou Xiashan, PR China



Master plan for the long-term extension and terminal design of Hangzhou International Airport

Client:
Hangzhou Xiaoshan Intl. Airport Ltd.

Competition 2005
2. Prize



Hangzhou International Airport, Hangzhou Xiashan, PR China

Hangzhou and the region Zhejiang experiences high growth rates at the moment, as well in the economic development as in the quantity of the population. Also the rank of being one of the most beautiful cities in China attracts tourists.

For this local value the expansion of the International airport of Hangzhou is indebted. The master plan ought to assure as well the desired extension to a national / domestic HUB in China as a maximum of flexibility and capacity

Beside the creation of an optimal airport geometry, landside and airside, the development of a symbolic and identity finding form/figure is of vital importance for the total area.

The overlap of the Lotus leaf (Hangzhou: City of lakes) and the cartwheel (National hub: HUB) result in a big shape, which defines an airport city beside the terminals and the approach roads. This means for the airport operators beside the good organisation of parking spaces and the subway connections a maximum utilisation realisable spaces.

Project facts and figures:

Client: Hangzhou Xiaoshan International Airport Ltd.
Planning: K+P Architekten und Stadtplaner GmbH
2005 Koch · Drohn · Schneider · Voigt
 Ismaninger Str. 57, 81675 München
 In cooperation with
 Obermeyer Consulting Engineers (Shanghai Ltd) +
 Zhejiang Architecture Design and Research Institute

Gross floor area: 230.000 sq m
+ Parking spaces 219.000 sq m, thereof:
 102.000 sq m underground, 117.000 sq m outside
Total area: 150.000 sq m, thereof:
 50.000 sq m international terminal
 100.000 sq m domestic terminal

Master plan
Total stands 156
Contact stands: 109 = 70 %
Remote stands: 47 = 30 %
Passenger movements annual 52 Mio.
Passengers / flight 118

2005 Terminal 1 until
2008 International Terminal
Airport City



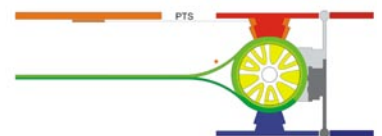
2010 New Domestic Terminal
Airport City Extension Terminal 1



2012 Extension International Terminal,
Extension Domestic Terminal until 2020
Airport City



2022 Airport City - Curbside until
2025 Satellite 1 - PTS
Extension National Terminal



Step 9
Satellite 2 - PTS
Extension International Terminal

