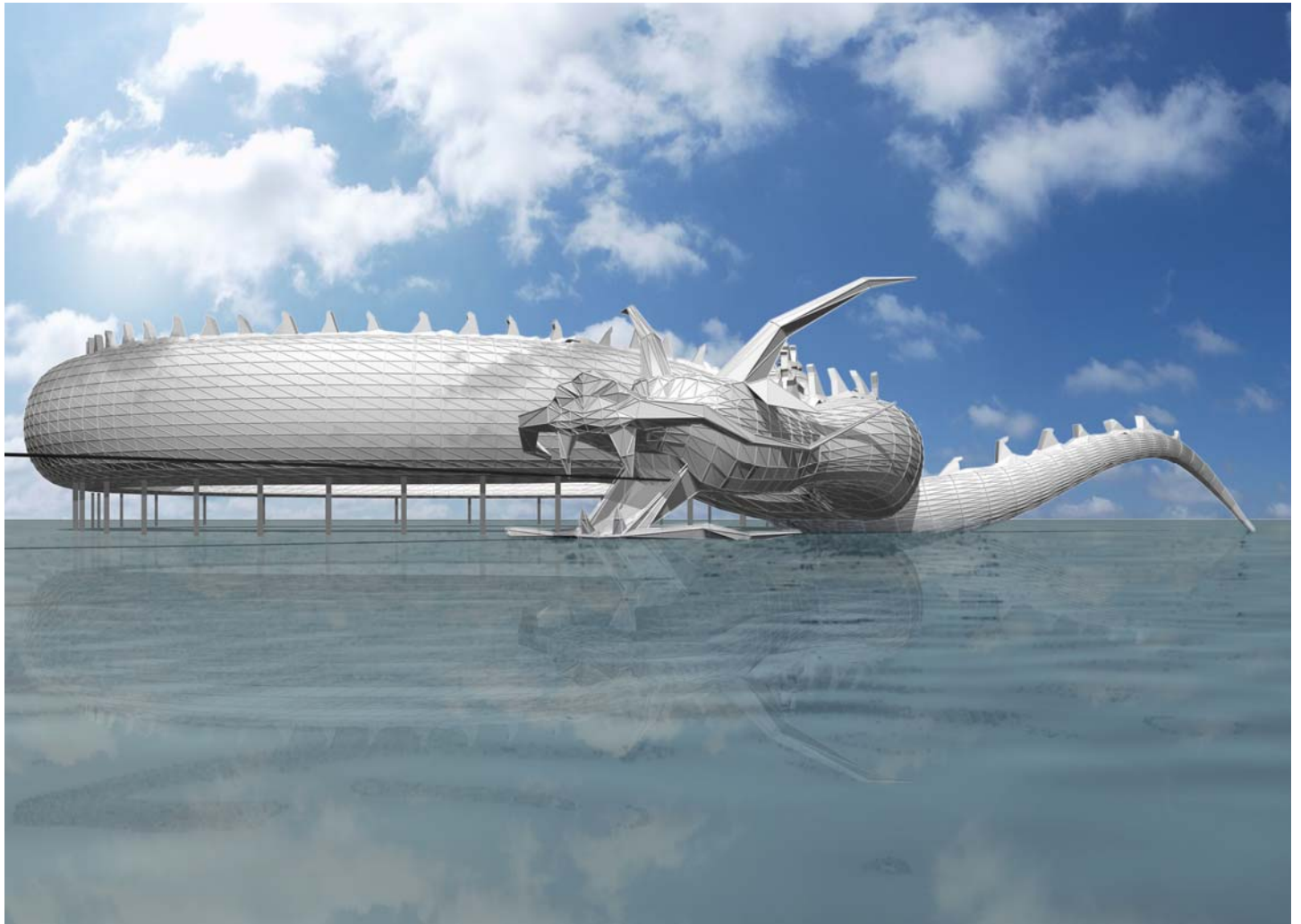


FREDERIC DRUOT ARCHITECTURE

SHANGHAI, DRAGONS OF THE BRIDGE OF DONGHAI

Urban developpement, 9 dragons for living. 00 Energie



The project relates to the development of the urban territory of Shanghai, by the creation of hyper-structures able to answer multiple functionalities, under strong conditions of environmental comfort and consumption of extremely weak energies. The project is grafted on the bridge of Donghai, longer of the world with its 32,5 km connecting the town of Shanghai to the Yangshan islands. These islands shelter the largest deep water port of the world. New entities, in the shape symbolic system of 9 dragons, mark out the layout of the bridge. The establishment of each entity optimizes the high funds of bay. Each "dragon" consists of floors out of ring 500 m in diameter and 30m broad, on ten on 16 levels. A vegetal thermal envelope packs the unit and configures the image of the dragon. On the level of the bridge and mezzanine, networks, service roads private, terrestrial and maritime, public transport. In tertiary stages, many equipments, public residences Each "dragon" develops a surface of 750.000m²

The bridge: Length: 32,5 km

Width: 31.5 m

670 series of piles

6 ways

- One dragon: 752 000m²

Surface of a plate: 47.000 m² x16

Configuration:

376.000 m² Housing and office

47.000 m² Trade and shops

94.000 m² circulations and carparks

19 km of garden walk

1 large equipment

Energie 00

Nine dragons:

Approximately 6.750.000 m²

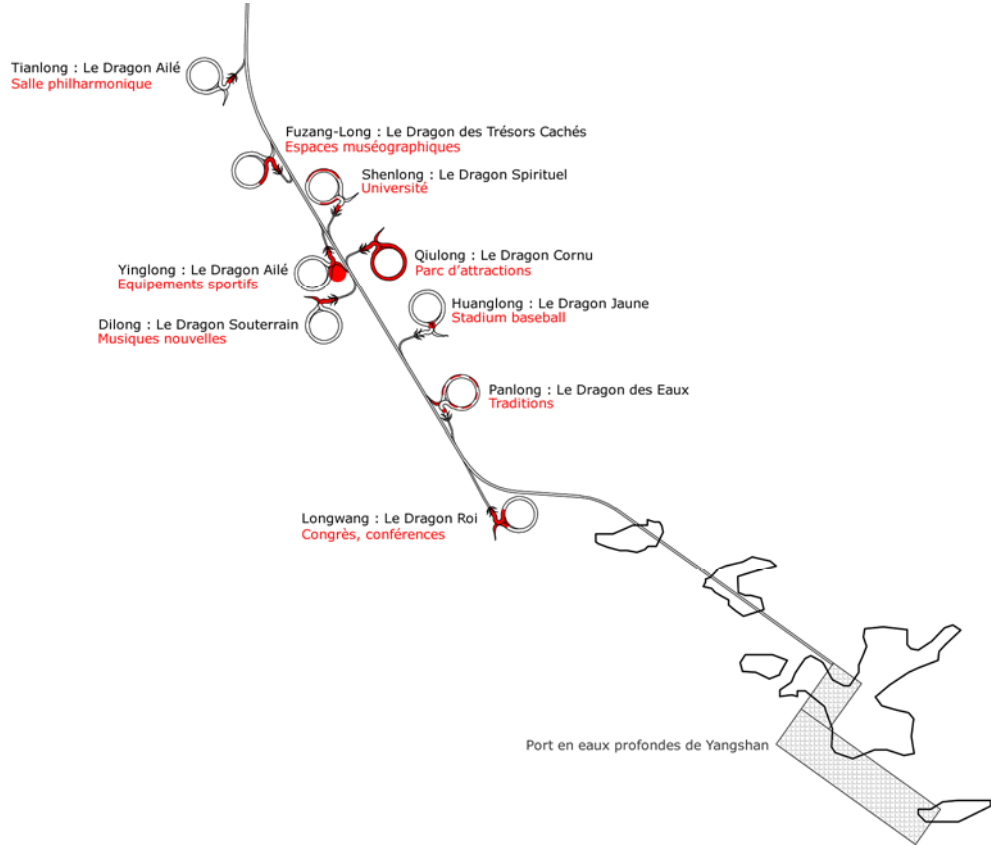
9 large equipments for:

University

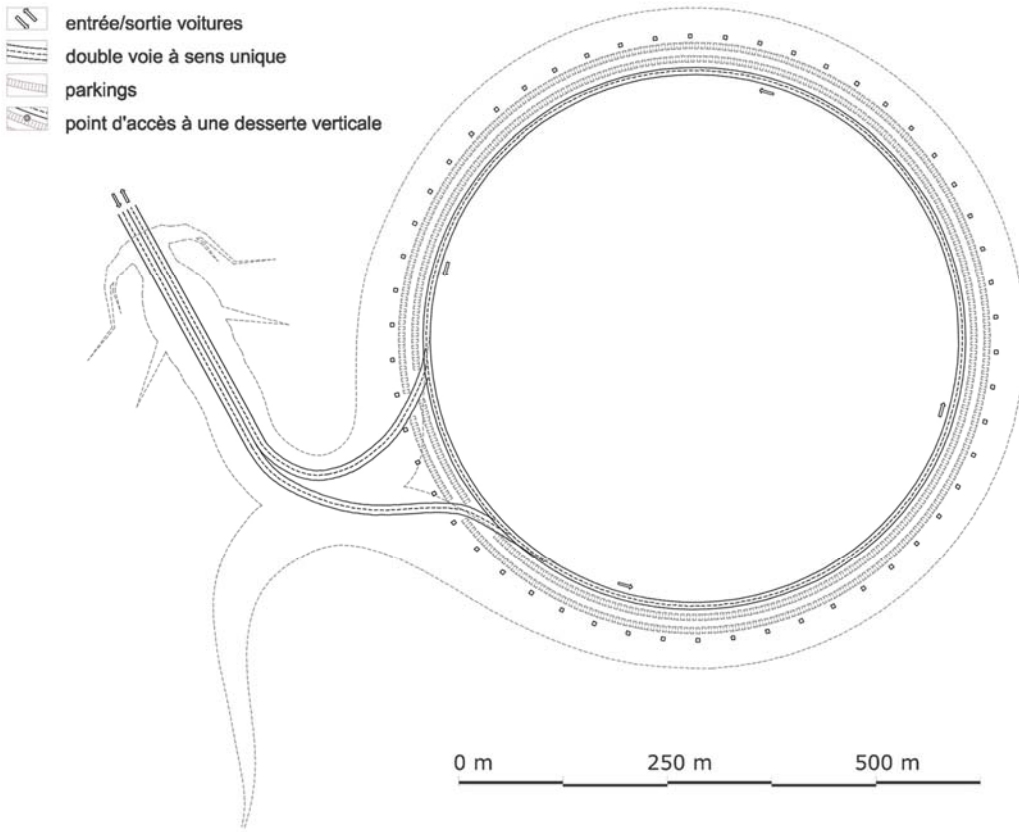
Sport

Culture





One reaches the “dragons” by road, tram, sea. The “heads”, have a great volume allowing the establishment of programs and specific equipment sets of themes. In complements of tertiary surfaces and residences, each of the 9 dragons, identified according to the Chinese legend, carries one of the nine work programmes.



Acces plan

FREDERIC DRUOT ARCHITECTURE
SHANGHAI , DRAGONS OF THE BRIDGE OF DONGHAI

Urban developpement, 9 dragons for living, 00 Energie



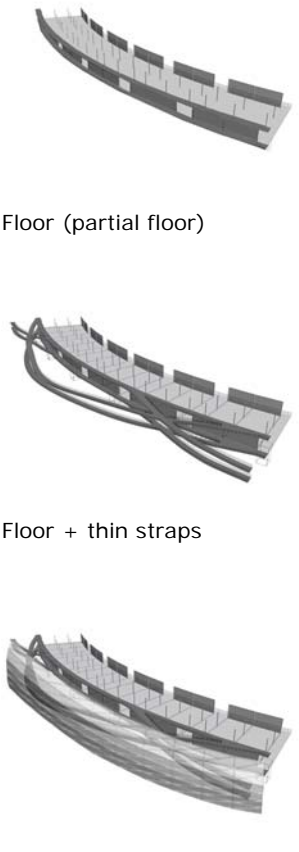
Floors
10 à 16 levels 6m high

16 Floors + thin straps

Floors + thin straps + skin



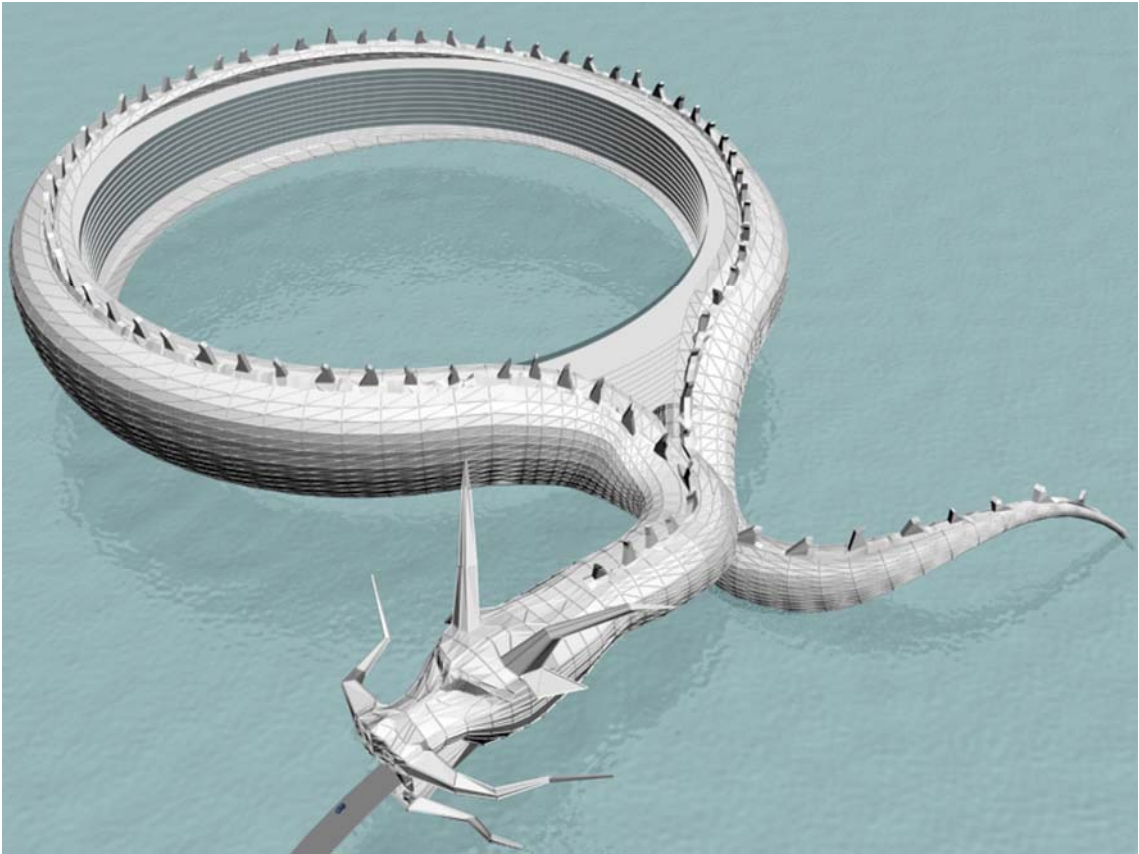
The nine Dragons of the Donghai's bridge



Floor (partial floor)

Floor + thin straps

Floor + thin straps + skin

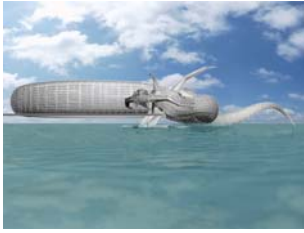


Overall picture, with the access by the mouth of the dragon

FREDERIC DRUOT ARCHITECTURE

SHANGHAI, DRAGONS OF THE BRIDGE OF DONGHAI

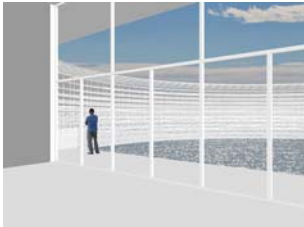
Urban developpement, 9 dragons for living, 00 Energie



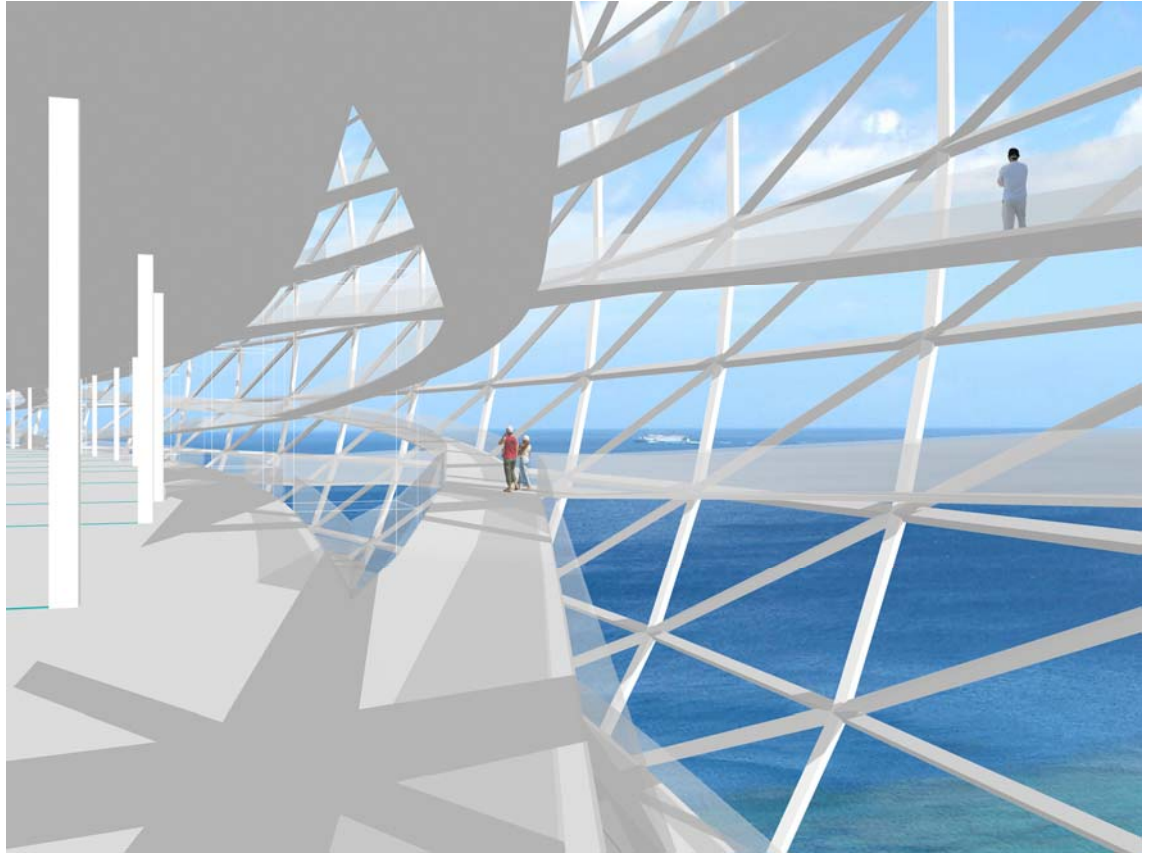
General view on water



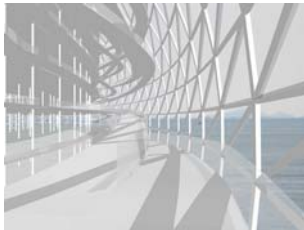
Swimming pools and baths on the roof



Able interior spaces,
Residences, Offices,
Tertiary sector, cultural
leisures, Equipment.



View since a thin strap



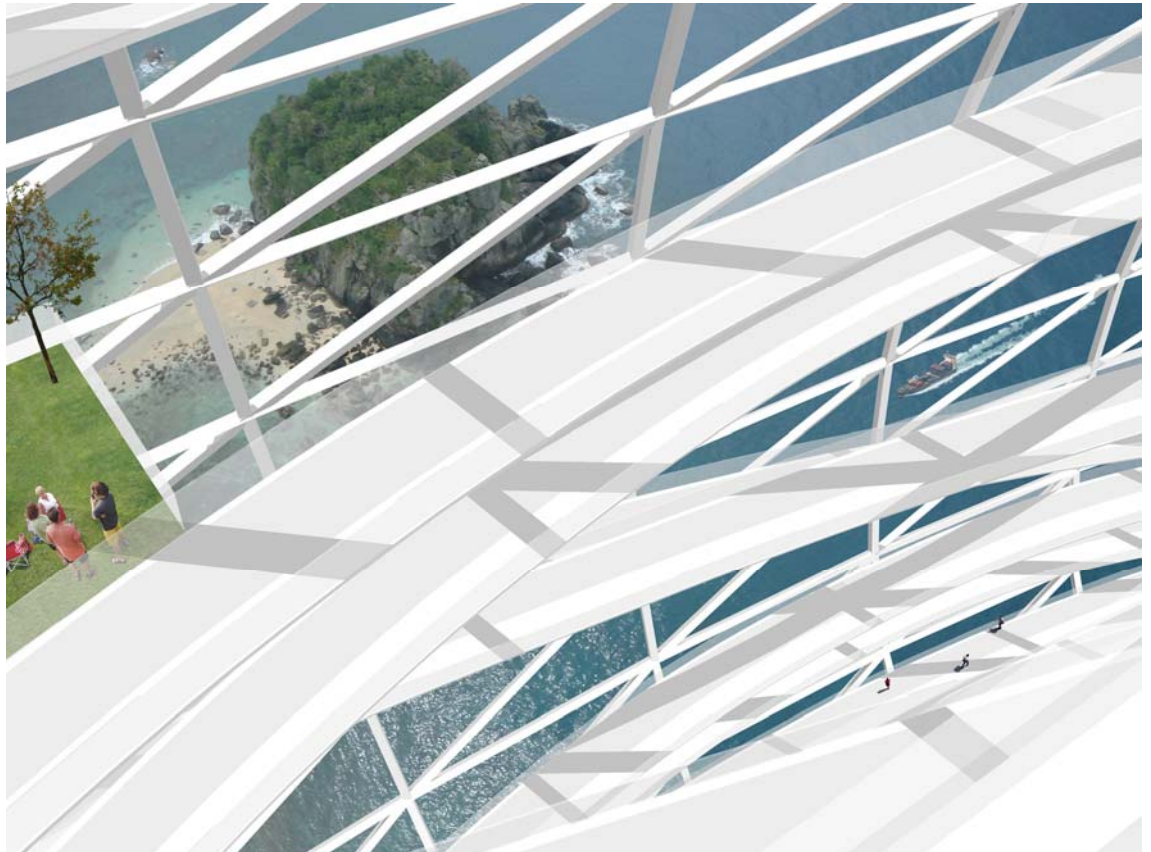
The thermal envelope in
the prolongation of the
floors



The thermal envelope in
the prolongation of the
floors



Accès

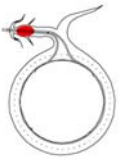


View since the roof

FREDERIC DRUOT ARCHITECTURE

SHANGHAI, DRAGONS OF THE BRIDGE OF DONGHAI

Urban developpement, 9 dragons for living, 00 Energie



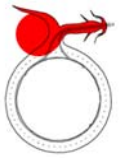
Tianlong-dragon céleste
Philharmonie



Fuzang-Long-trésors cachés
Muséum and art galleries



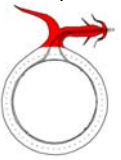
Shenlong-dragon spirituel
University



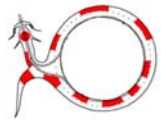
Yinglong-dragon ailé
Sporting equipments



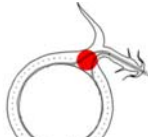
Qilong-dragon cornu
Amusement park



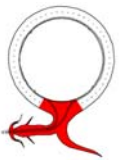
Dilon-dragon souterrain
Rooms of new musics



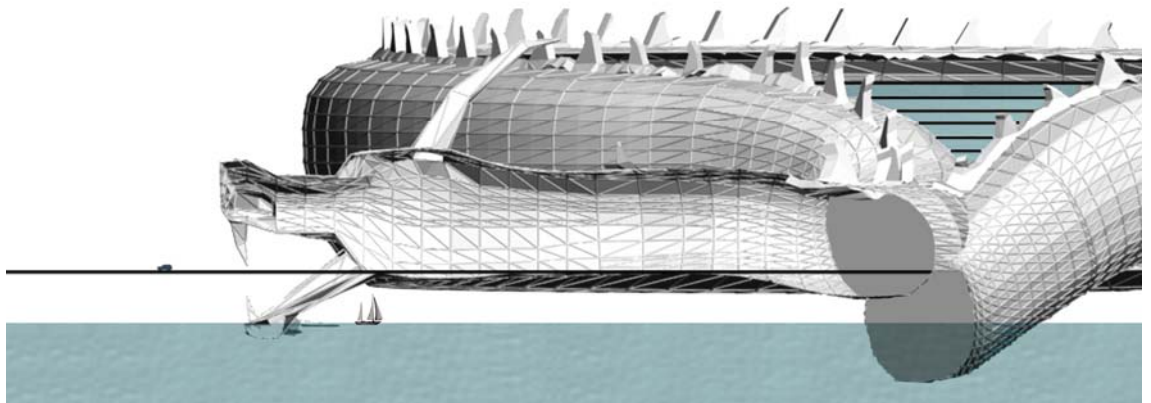
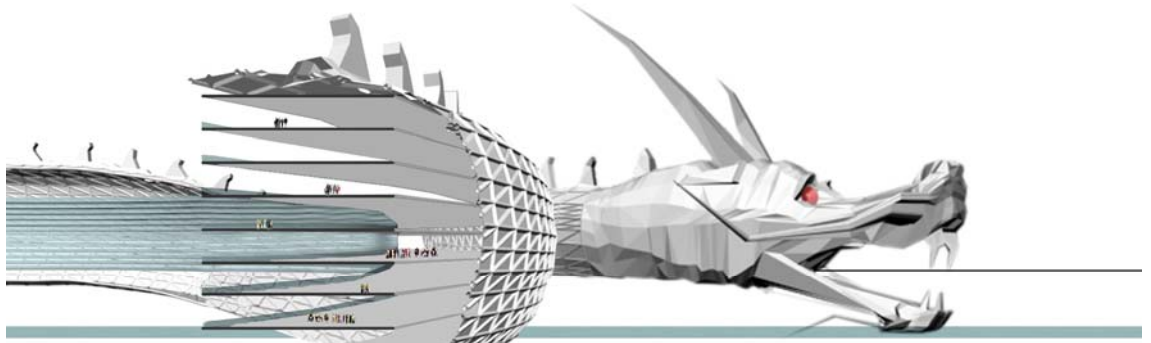
Panlong-dragon des eaux
Traditions



Huanglong-dragon jaune
Stadium Baseball



Longwang-dragon roi
Congrès, conférences



One reaches the "dragons" by road, tram and sea. The "heads" have a great volume allowing the establishment of programs and specific equipment sets of themes. In complements of tertiary surfaces and residences, each of the 9 dragons, identified according to the Chinese legend carries one of the programs of activated according to: stages, museum, university, tradition, attraction, congress, new musics, philharmonic musics.



The exit by the head's road