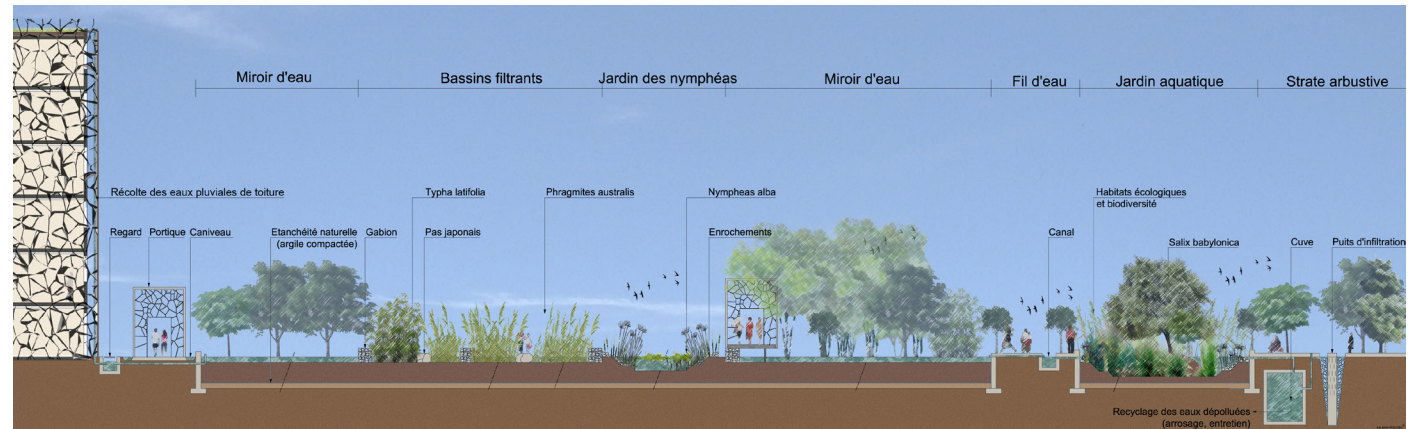


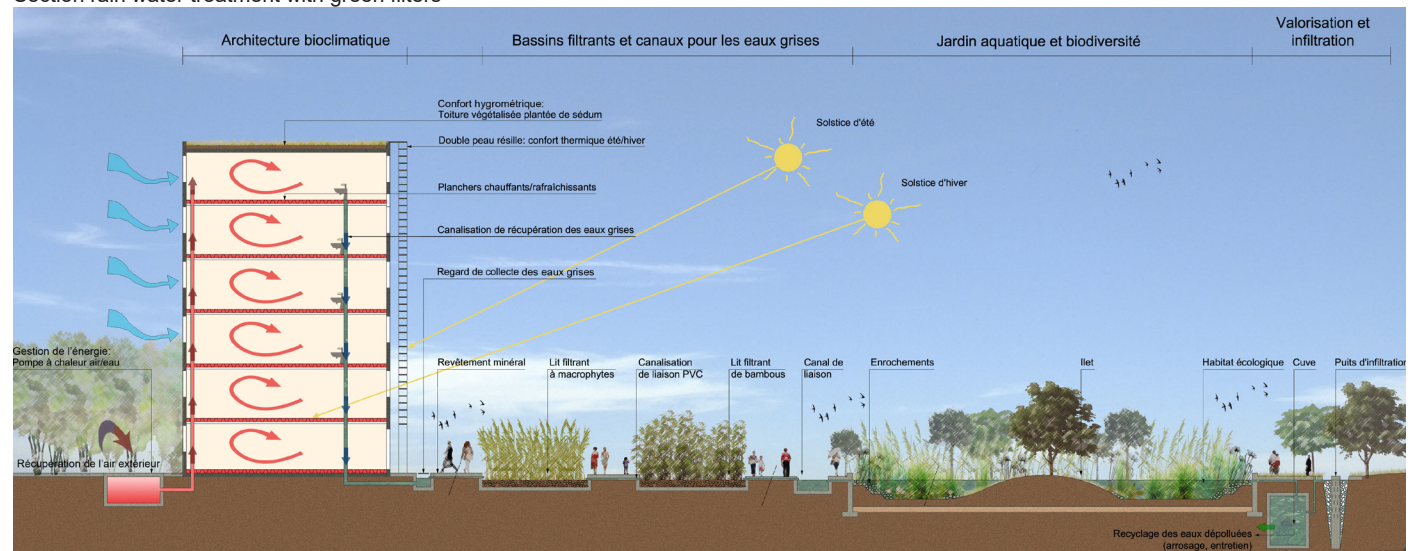
# eco-Design OF OFFICES in a HOUSING DISTRICT in DUJIANYAN - CHINA

URBAN PLANNING AND LANDSCAPING: eco-District AND WATER TREATMENT WITH PLANTS

**Client** City of Dujiangyan  
**Location** Sichuan, China  
**Project Mission** Design an eco-district in Dujiangyan  
**Consultant** Jacques Rougerie, Signes Paysages, Alain Cousseran, Emmanuel Pouille architecte urbaniste,  
**Designers** AR ARCHITECTES  
**Area** plot 8 000 m<sup>2</sup>  
**Cost** 30 000 000 US dollars  
**Date** Winning competition in May 2010



Section rain water treatment with green filters



Section showing the grey water management by constructed wetlands



View of the project







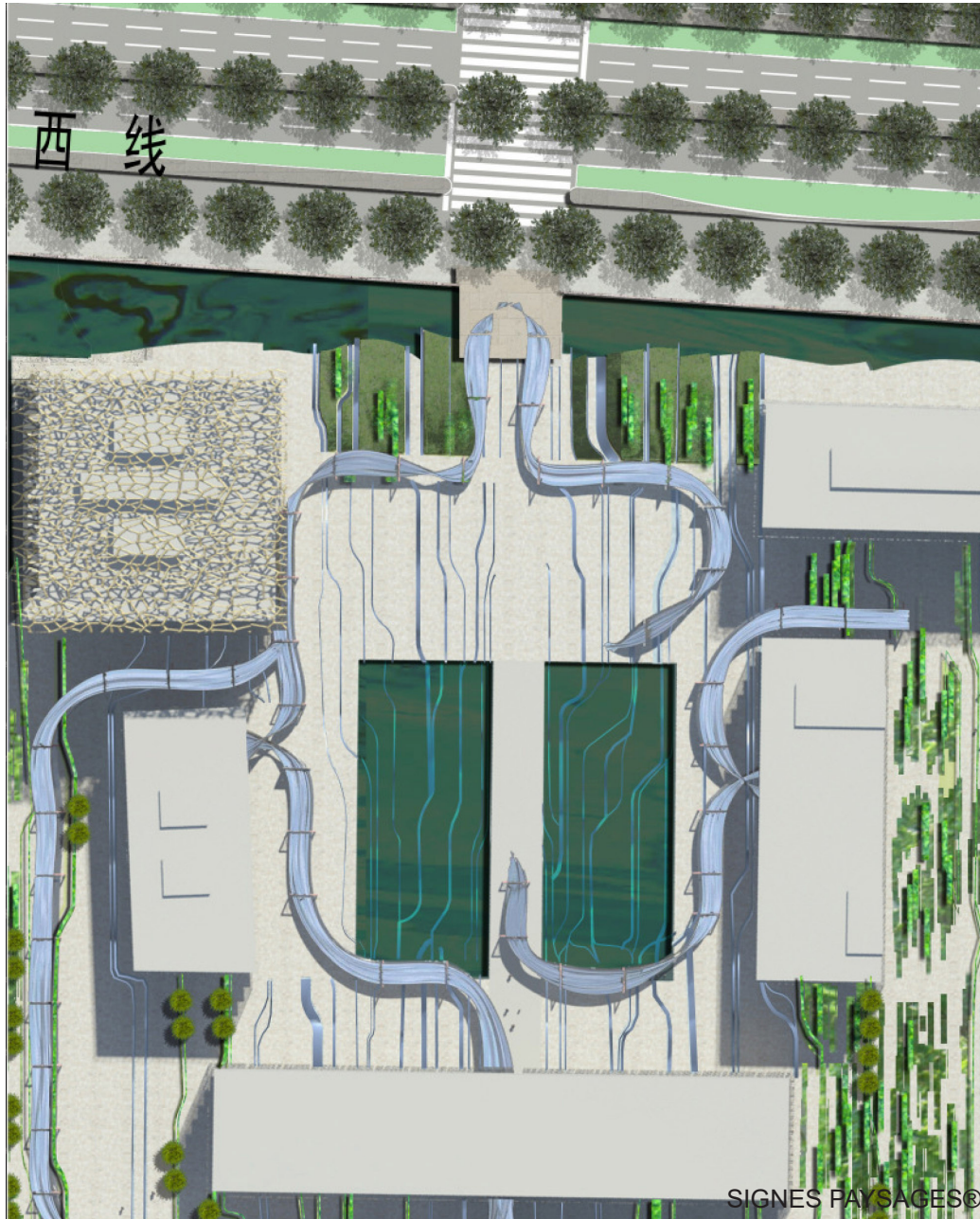
Ice theme



Ditches in the city



Pond and ditches



Mass plan

### HQE® targets

#### Target 1: Harmonious relationship between the building and its environment.

In front of the new administrative pole of the Center of Dujiangyan, registered in the UNESCO world heritage, the urban design of a new administrative and commercial center allows the writing of one Contemporary architecture, real interpretation of a traditional Chinese motivation.

#### Target 5: Water management

- The organization of the water networks in the district are done in channels that allows the implementation of Environmental techniques. Water management is done by constructed wetlands, in echo with ancestral realizations, creating landscaping channels, ponds in the heart of the designed district.

- rainwater is collected from the roofs and is taken to central ponds. The water is filtered in a pond planted of reeds (Typhas Latifolias, Phragmites Australis).

- Clean water is then pumped inside of the buildings for sanitary use.

