

# eco-Design OF THE SEWAGE TREATMENT PLANT IN ASNIERES-SUR-OISE - FRANCE

INDUSTRIAL SITE, HQE® APPROACH : Water, treatment and PHYtoepuration

Client	SICTEUB
Location	Asnières-sur-Oise
Project Mission	Eco-design HQE® Desing concept and follow up mission, Architecture HQE® and landscaping
Design and BUILD	AR ARCHITECTES, Degrémont Suez, ZUB, PINTO
area	2 400 m², plot 36 000 m²
capacitY	80 000 inhabitants
cost	17 000 000 €
Date	From 2008 till 2011



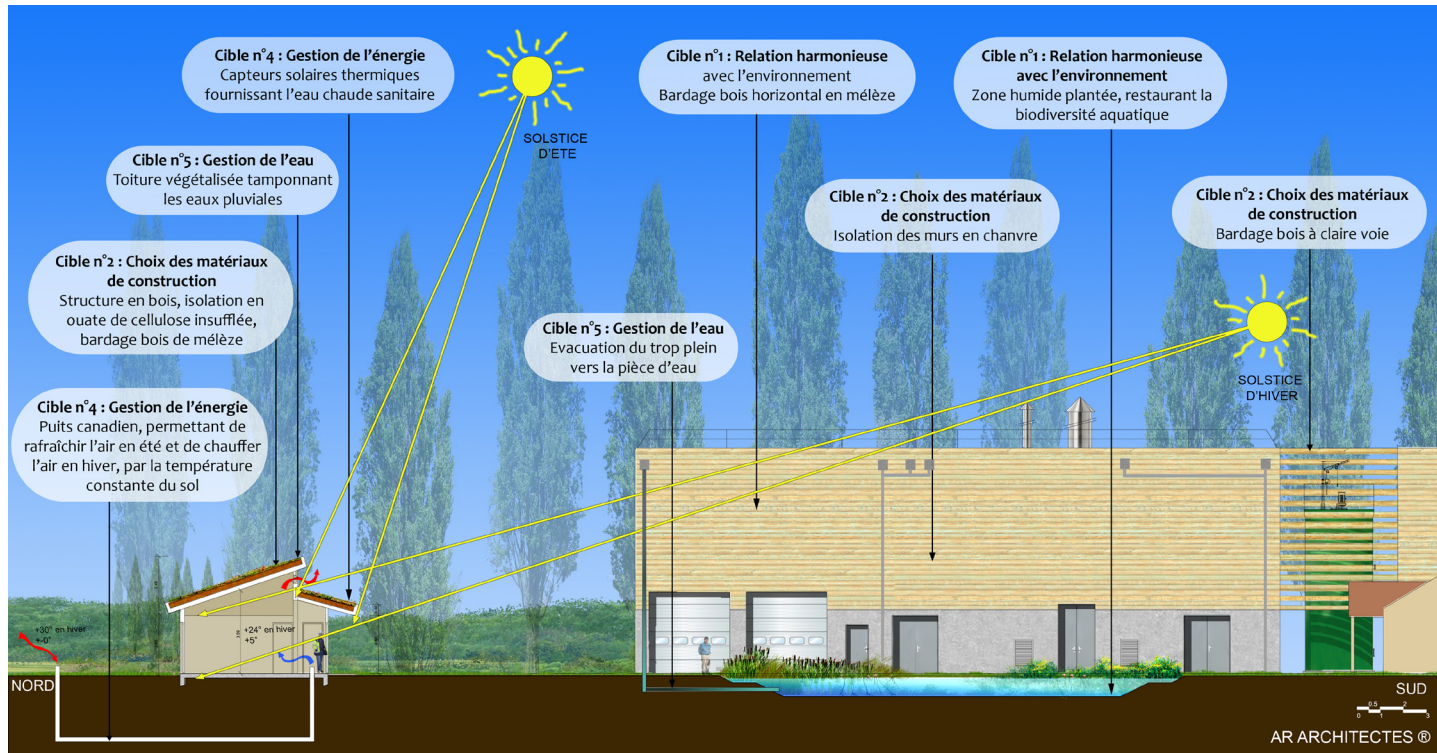
Perspective view of the plant in its environment



View on the bioclimatical operating building

The objectif of this project was to fit a sustainable industrial architecture in a rich landscape within the Natural Park of Oise Pays in France, located North of Paris.





Section HQE®



View on the operating building



View on the reconstructed landscaping surrounding the building

## HQE® targets

**Target 1 : Harmonious relation between building and environment.**

**Target 2 : Integrated choices of products, systems and procedure of construction**

- The construction impact on neighbours is reduced. The plant is completely integrated into the landscape.

- The operating building was designed just like the technical building enabling simple and efficient use.

- The structure is done with a wooden frame.

- Floor insulation was done by spreading recycled paper foam between the wooden structure.

## Target 4: energy management

- The buildings are designed in bioclimatic way.

- Renewable energies are used for water heating ventilation (canadian well).

