

# ECOLOGICAL PARK "CHEMIN DE L'ILE" in Nanterre - France

## URBAN PLANNING AND LANDSCAPING: PARKS, HQE® APPROACH

CLIENT	EP Seine Arch, Conseil Général des Hauts de Seine
LOCATION	Nanterre
PROJECT MISSION	Landscaping design Design concept and follow up mission, landscaping HQE®
CONSULTANT DESIGNERS	Atelier Acanthe, Site et Concept
AREA	plot 14 000 m <sup>2</sup>
TREATING CAPACITY	36m <sup>3</sup> /h
COST	8 500 000 €
DATE	2003 till June 2006



View on reconstructed wetland



Perspective of the park in its environment

The Parc beside the banks of river "La Seine" project was designed as a «natural machine» to purify the water. It treats water from "La Seine" river for the local inhabitants via wetlands water then flows into a 1000 linear meter artificial river before being rejected into "La Seine" river cleaned. The project creates an enjoyable atmosphere. The park is auto-sufficient in water consumption.







View of the filtering ponds



Walkways through the ponds



View on the lilly gardens



View on the reconstructed wetlands

## HQE® targets

### Target 1 : HARMONIOUS RELATION OF THE BUILDINGS WITH THEIR IMMEDIATE ENVIRONMENT

Recompose the existing fractured and the heterogeneous landscape, recreate inter-district connections.

### Target 2 : INTEGRATED CHOICES OF PRODUCTS, SYSTEMS AND PROCEDURE OF CONSTRUCTION

Biomass is recycled in the park into compost.

### Target 4 : ENERGY MANAGEMENT

- The buildings are designed in bioclimatic way, no concrete is used.
- Wooden frame building

### Target 5 : WATER MANAGEMENT

- Use of non-drinkable water: rainwater recuperation network for other uses excluding domestic use
- Creating wetlands to purify rainwater.
- Help to manage rainwater: reduce instant flow when rainwater is over abundant and avoid rainwater streaming.
- Circulation areas are equipped with hollow-core slabs allowing rainwater to drain and guarantee a clean and stable area even when it rains.

