

eco-Design OF a sewage treatment PLant in SAINT-GENIÈS-DES-MOURGUES - France



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

CLIENT	Communauté d'agglomération de Montpellier
LOCATION	Saint-Geniès-des-Mourgues
PROJECT MISSION	Design and build Design concept, architecture and landscaping HQE® competition
DESIGN AND BUILD AREA	AR ARCHITECTES, GTM ENVIRONMENT 130 m ² , plot 12 000 m ²
CAPACITY	2 500 000 €
COST	7 200 inhabitants
DATE	Competition 2014



Project perspective



Bioclimatic operating building

The site, is situated near the village of Saint-Géniès-des-Mourgues and joins in a rural frame , at the heart of a wineyard zone.

The objective is to create a plant treating sewage water of the city with a classical and ecological way. Reed beds treat sludge and constructed wetlands are designed for water coming out of the plant. The operating building is in a wooden frame and designed in a bioclimatic way.

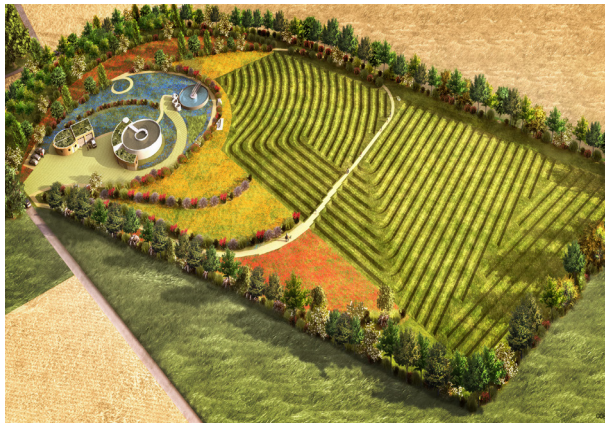


THE GARDENS OF SIART - DESIGN AND BUILD OF THE WATER TREATMENT PLANT IN THOIRY - FRANCE



INDUSTRIAL SITE, HQE® APPROACH : WATER, TREATMENT AND PHYTOEPURATION

Client	Intercommunal Syndicate of purification in Région de Thoiry,
Location	Thoiry
Project	Design and built HQE®
Mission	Design concept and follow up mission, architecture HQE® and landscaping
Design and Build	AR ARCHITECTES, ARTELIA, Ternois, JEROME
Area	525 m ² , plot 24 000 m ²
Capacity	5 100 inhabitants
Cost	2 000 000 €
Date	Décember 2011



Aerial view on the site of the plant and its infiltration gardens



View from the operating building, June 2012



The objectif of the project was to create a plant integrated into a countryside environment with a very low impact on it. The building are covered with wooden cladding and gabions. Cleaned water is directed to green infiltration ditches with a zero reject.

