

# eco-environmental and LANDSCAPING DESIGN OF a waste water treatment PLANT in VILLIERS-SAINTE-FRÉDÉRIC (78) - FRANCE

## “Living in the Canopy”

INDUSTRIAL SITE, HQE® APPROACH: water, treatment and PHYTOEPURATION

<b>Client</b>	Inter-communal sanitation syndicate of the region of Neauphle le Château (SIARNC)
<b>Location</b>	Villiers Saint Frédéric (78)
<b>Projet</b>	Desing concept, Architecture HQE® and landscaping
<b>CONCEPTION</b>	AQUALTER, BOUYGUES, TECH-FINA, BERIM, AR ARCHITECTES
<b>PRODUCTION</b>	
<b>area</b>	2 000 m <sup>2</sup>
<b>cost</b>	20 000 000 €
<b>Date</b>	Competition 2017



3D Perspective of the project integrated into its environment



Mass plan of the treatment plant, “Living in the Canopy”

The project’s design aim was to create a perfect harmony between the existing green site and future industrial building. The operating building objectives was to cross the river “La Mauldre” and to create a very strong link into trees and nature; an if the building wad inhabiting nature “Living in the Canopy”. The operating building was designed in a bioclimatic orientation. It is very well insulated and constructed with a wooden timber frame. The roofs are vegetated and the upper roof has nests for birds and hives for bees. A pedestrian educational pathway was designed for scholars to show awareness on environmental issues and biodiversity restoration in an industrial plant.

