

# eco-Design of a Cleaning sea water POLLUTION BUILDING

## TADI industrial Design Competition

### in 'Bassin D'arcachon' - France

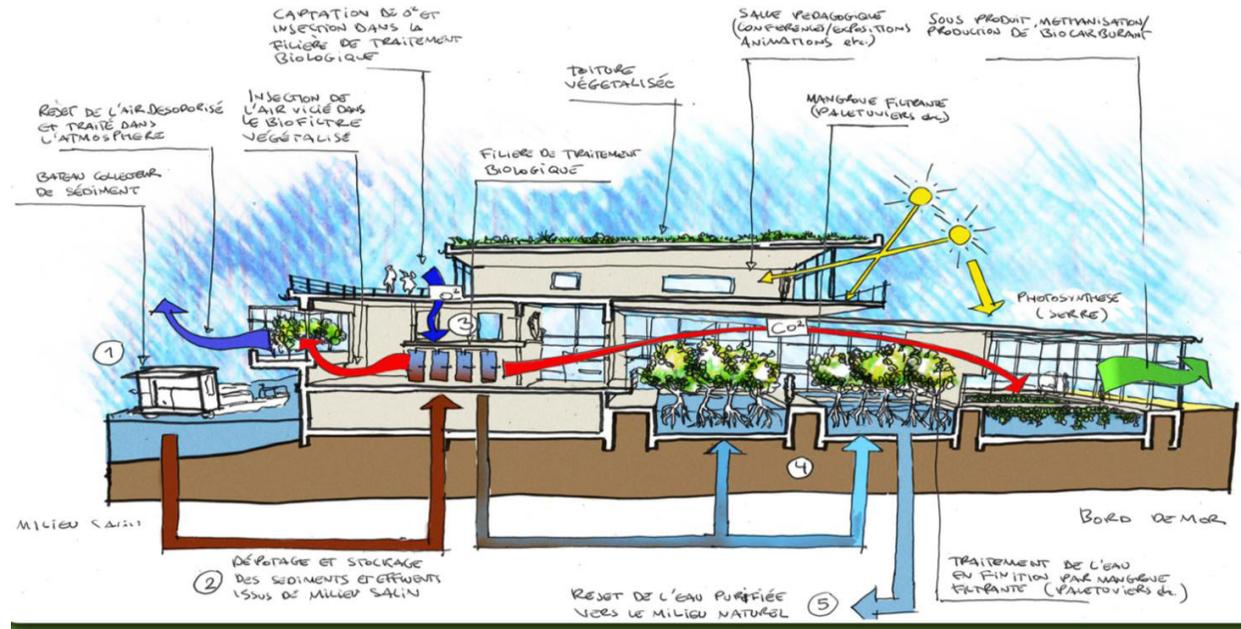


**Client** State of Aquitaine  
**Location** Bassin d'Arcachon  
**Project** Sea water pollutions treatment

**Mission** Architecture HQE® competition  
**Consultant** AR ARCHITECTES, EPURETEC  
**Designers**  
**Area** 700 m<sup>2</sup>  
**Cost** 2 000 000 €  
**Date** 2009



View of the building



Section showing principles of energy management and water treatment see

Principals of energy and water treatment:

How to design an intelligent and ecological building that treats grey water hydrocarbures coming from marinas using plants? The Blue'pur centre is a sustainable industrial construction, a center that treats polluted liquid effluents and sediments using biodegradation, microbial et de phyto-restoration technologies thus ensuring zero CO2 pollution into the atmosphere.

Due to its architectural approach and its purifying process, this project is part of the sustainable development objective.

