

REDEVELOPMENT OF THE HIGH ENVIRONMENTAL QUALITY GOHELIS INDUSTRIAL ESTATE IN ELVEN



Owner:

Communauté d'Agglomération du Pays de Vannes

Date: 2005 - 2006

Cost of works:

€6m excl. VAT

Assignments and amounts:

- ▶ Full project management
- ▶ totalling €233,168 excl. VAT for Sogreah's part

Composition of the team:

- Sogreah Consultants (leading partner)
- Enet et Dolowy (Architecture co-contractor)

Description of the project:

The Gohélis park is a 52 ha site dedicated to industrial companies. When they created the site 15 km from Vannes and 5 km from Elven, local authorities decided to design it with a view to applying for a ISO 14001 certification. In practical terms, this decision meant that all site management facilities were to be pooled (safety, site access management, fire safety basins, etc.).

In terms of environmental quality, the project involved quality-based measures concerning water, lighting energy management and optimisation of the ground plan in accordance with the site's topography. These measures contributed to the enhancement of the reintroduced local flora.

Main characteristics of the project:

- Stormwater: Management of stormwater with drainage trenches and swales (first decontamination), treatment of the water with basins in series and reed beds => 1,850 lm of swales – 1,850 lm of drainage trenches – 6,200 m² of reed beds.
- Roads: levelled roads without kerbs for water management, made with asphalt, concrete and paving => 1,400 lm of roads
- Networks: All networks, including optical fibre for communication, access data and area safety management (surveillance camera connection and access authorisation via a telephone line) => 2,350 lm of optical fibre
- Green areas: 15 ha of green areas, including redevelopment of 4 ha of existing woods. Creation of a 6,200 m² reed bed to treat stormwater and enhancement of the water retention points for the visual pleasure of site users.

Updated: March 2006