



**Country**  
France

**Client**  
CAMVAL

**Date**  
2009-2010

**Cost of works**  
€15.7m excl. tax

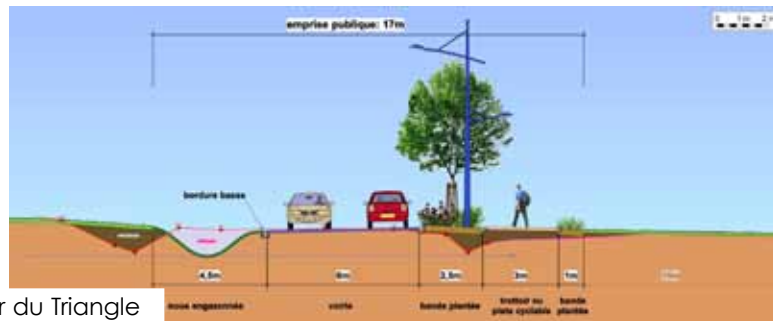
**Sogreah's services**

- ▶ Design and implementation files
- ▶ Project management: technical and financial studies.

Landscaping studies undertaken by: Atelier du Triangle



Source: Atelier du Triangle



**Context**

This business park is an urban development project that has an economic purpose.

The project is part of a sustainable development plan whose aim is to favour pedestrian access, natural management of rainwater, economical management of energy and waste, as well as the use of renewable energies.

**Project description**

- Inspection of the site, audit of existing networks and estimate of necessary network works:
  - Utility networks (electricity, gas, public lighting, drinking water, telecommunication networks);
  - Sewerage networks (wastewater, rainwater).
- Evaluation of needs and estimate of necessary road works:

- Design of various standard road cross-sections (14.5 and 17 m wide) depending on what they will be used for. They include: a swale, a 6 m wide road, a green area with plants/trees or parking spaces, a cycle-lane and a second green area;
- Creation of landscaped, lawn-covered swales (recovery of rainwater runoff from the roads; flow regulation areas);
- Creation of 3 roundabouts;
- Widening of a motorway bridge.