

Calais - Development of a platform on the reclamation in the eastern harbour



Country

France

Client

CCI de Calais

Date

2005-2007

Cost of works

€5.3m exc. VAT

Sogreah's services

- ▶ Preliminary design (area: 15 ha)
- ▶ Design services and project supervision:
 - platform (area: 6 ha)
 - stormwater treatment unit

Context

As part of the expansion of cross-Channel traffic in the port of Calais and the upgrading of its stormwater discharge system, the port authorities commissioned Sogreah to carry out an assignment to look at the overall development of the eastern harbour reclamation and the creation of a platform.

Description

- ◆ The preliminary design study covered in particular:
 - the development of the entire 15 ha reclamation area;

- its connection to the rail network;
- design of the hydraulic network.
- ◆ On completion of this phase, Sogreah was commissioned to supervise the construction of the following (total area: 6 ha):
 - a multimodal HGV platform (50,000 m²) with a roadway structure down to -0.46 m;
 - structure of the reclamation (calculation using the Alizé program);
 - retaining wall (length: 380 m, height: 3,50 m);
 - sewerage networks: total

- length: 1500 m, ND: 1200 mm;
- public lighting (height of masts: 32 m);
- miscellaneous networks;
- sea outfall structure: 275,000 kg of sheet-piles, treatment involving lamellar settling (treatment discharge: 2.1 m³/s).

The specific feature of the project was that the platform was designed to be adapted later for container storage involving minimum modification.

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