



Country
France

Client
Conseil Général de la Manche

Date
1999-2001
2004-2006

Sogreah's services

- ▶ Feasibility study
- ▶ Hydrosedimentary and shiphandling studies and study of socio-economic spin-offs

Context

Granville is a port with a long tradition. The site is outstanding, but the harbour is old and has serious drawbacks. Local politicians decided to take advantage of Granville's assets to modernise and develop the port's different activities: commerce, fishing, yachting and passenger transport. The development project is based on extensive consultation with local players, is adapted to the specific features of the site and aims at enhancing the town's appeal:

- Commercial activity will be shifted to a specific pier at the entrance to the port.
- Part of the existing wet dock will be assigned to fishing, while a new basin will also be available for whelk fishing. The other part will be dedicated to urban and tourist development.

- The capacity of the marina will be increased from 1000 to 1700 places.
- Passenger activity will be shifted to the entrance of the new port, where the depth is sufficient to provide access at fixed times.

Services provided by Sogreah

Feasibility study (1999-2001)

in association with J. F. Revert consultants:

- Definition of outline schemes for the port and town, aimed at meeting the departmental council's requirements.
- Initial study of the economic spin-offs of extending the port for the local economy.
- Technical and legal feasibility studies.

Hydrosedimentary and shiphandling studies and study of socio-economic spin-offs (2004-2006) for the extension alternative

chosen by the departmental council:

- Study of offshore waves and transposition to the site (wave regime, design waves).
- Numerical modelling of currents.
- Wave disturbance study.
- Study of shiphandling in relation to commercial boats entering the harbour.
- Study of the socio-economic spin-offs of expanding the port's different activities.
- Estimation of sediment deposition and impacts of the port extension on the sea bed and neighbouring shore.
- Feasibility study concerning dredging and likely impacts on the environment.
- Preparation of summary documents and participation in the local public debate.