

**Country**

Libya

**Client**

Porty SA

**Date**

1997-2004

**Cost of works**

€100m

**Sogreah's services**

► Design Services

**Description / Particularities**

- New commercial port created on the site of Libya's new capital
- Two breakwaters with a total length of 2000 m
- Total length of quays: 2000 m
- Harbour basin dredged down to -9.5 m

- Construction of a sand trap to intercept the considerable longshore drift
- Basin devoted to fishing

**Detailed services:**

- Study of waves and sedimentological risks

For all the works (breakwaters, reclamation areas, dredging):

- Preliminary design
- Detailed design
- Technical specifications