FUGRO PORTS AND HARBOURS

With many ports and harbours expanding to accommodate larger vessels, as well as supporting new and developing markets such as offshore wind and oil and gas decommissioning, management of regulatory requirements is essential to timely consent, construction and efficient operations.

As maritime industries evolve and adapt to changing and emerging markets, ports and harbours themselves often require adaptation and modification to keep pace with market demand and realise their full business potential.

Fugro provide support for small scale marina developments, to major infrastructure projects such as port and harbour expansions.

Fugro work closely with clients, regulators and other stakeholders at every stage of a development from initial site-selection to construction and operation.

**KEY SERVICES**
- Feasibility and constraints studies, site selection and appraisal
- Marine consents and licensing
- Environmental Impact Assessments (EIA)
- EIA coordinator
- Environmental management plans
- Regulatory and non-statutory stakeholder liaison
- GIS and data management
- Survey services to support characterisation
- UKAS accredited laboratory testing
- Ecological Clerk of Works

**SERVICE SHEET**

**KEY SERVICES**

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**Vessel on route to collect baseline data**

**Expert knowledge of the marine and coastal environment**
FEASIBILITY STUDIES
At the concept stage of a project, Fugro can provide support in the selection of the most suitable project location through our fully integrated constraints mapping and survey services in order to help a client manage the consenting risk.

SITE CHARACTERISATION
Fugro can assess the sensitivity and resilience of potentially affected coastal and marine habitats.

Understanding baseline environmental conditions is required as part of the EIA regulatory process so that potential impacts can be assessed, and mitigation implemented. Fugro enhances this understanding through provision of advice, desk top study and scoping, as well as the deployment of the following field survey services, data acquisition and analysis:

- Marine geophysics and geotechnics
- Metocean
- Marine ecology
- Laboratory analysis

STAKEHOLDER LIAISON
Environmental legislation and public perception of environmental issues is a dynamic process, and constantly evolving. Fugro works closely with regulators and other stakeholders at an early stage. This ensures a smooth consenting process, avoids unnecessary delays in obtaining project consent, and ensures our advice and services are always up to date.

CONSENTS AND LICENSING
Fugro is highly experienced in undertaking and managing marine licence applications for both project development and survey requirements.

Fugro provide support throughout the EIA process from scoping, to drafting an environmental statement to consent application.

Fugro support includes:
- Project management
- Screening and scoping
- Writing Environmental Statement / Environmental Appraisal and associated technical reports
- Habitat Regulations Assessment
- Dredge analysis and assessment
- Licence application and ad hoc consenting support and advice
- Regulatory liaison and advice

COMPLIANCE AND MONITORING
Fugro can provide the following support with post-submission and post-consent requirements:

- Development of environmental management, mitigation and monitoring plans
- Support and advice regarding post-consent requirements
- Post-consent survey
- Ecological Clerk of Works