

Maintenance Dredging Services

About

The maintenance of navigable depths in ports, harbours, marinas and shipping channels is a statutory requirement for most harbour authorities. Where sedimentation occurs, maintenance dredging is undertaken to preserve water depths.

ABPmer is a leading marine environmental consultancy and a recognised provider of specialist maintenance dredging services to the ports industry.

Our long standing experience and associated portfolio mean we can offer our clients a wide range of services tailored to their requirements.



Our Services

With 60 years experience in ports related research and consultancy, ABPmer effectively combines expert knowledge and practical understanding to provide the following services:



Consents and Licensing Support

Maintenance dredging applications demand a high level of expert information. ABPmer offers services and skills to assist harbour authorities through the process and obtain the necessary marine consents and licences; including **construction** and **disposal** licences, supporting **impact assessments**, **maintenance dredging protocol baseline documents** and dredge issues relating to **Water Framework Directive** compliance.

Dredge Optimisation Studies

By undertaking hydrodynamic numerical modelling studies to better understand sediment processes in a particular area, ABPmer can help develop a **dredge strategy** or advise on **dredge optimisation** leading to reduced maintenance dredge costs.

Disposal and Beneficial Use

In recent years, all applicants for sea disposal licences for dredged material in the UK have been required to consider whether material can be used as a resource to derive environmental or sediment management benefits. Dredged material from ports and harbours has been put to a range of beneficial uses, including construction, foreshore recharge, contaminated material capping, coastal management and environmental uses. ABPmer can advise on **beneficial use options** for dredged material.

Surveys and Monitoring

ABPmer operates a nearshore survey team that undertakes hydrographic and field investigations in support of maintenance dredging. Our equipment pool carries an extensive range of instrumentation for bathymetric surveying, 2D and 3D flow monitoring, water levels, multi-parameter water recording and grab sampling. We can undertake pre, during and post dredge surveys and monitoring to support license applications and **conditions of consent**.

Further Information

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