



FUGRO TAXONOMIC LABORATORIES

Fugro's marine and estuarine taxonomic group provides a range of services that generate meaningful community data to describe seabed environments, community structures and biotopes.

EXPERTISE IN TAXONOMY

Our taxonomic laboratories can respond to short turnarounds and deliver reliable data to inform environmental decision-making.

We have a large team of highly experienced taxonomists who:

- Work in a range of industry sectors, including oil and gas, renewables and construction, as well as government bodies
- Monitor marine habitats protected by UK and European legislation, including horse mussel, flame shell and maerl beds
- Can undertake all stages of sample analysis, from collection and processing, to data interpretation

SERVICES

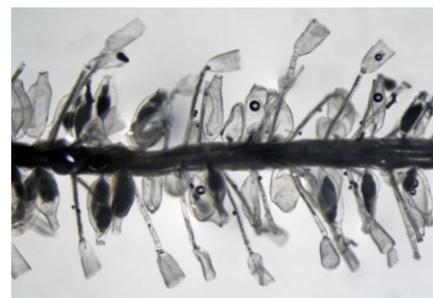
Fugro provides specialist taxonomy support for projects around the world. Our services include:

- Identification of marine and estuarine infauna and epifauna
- Identification of zooplankton
- Identification of fish and macroalgae
- Biomass determination
- Statistical analysis and report writing
- Taxonomic training workshops

We can tailor our services to meet project-specific objectives, to fulfil the requirements of clients and regulators alike.



Fugro's modern laboratories can host taxonomic workshops for all abilities.



Fugro's taxonomic team have extensive experience identifying estuarine and marine infauna and epifauna from around the globe.

STAFF EXPERIENCE AND RESOURCES

Fugro's taxonomic group provides an exceptional resource for clients seeking professional, accurate and timely analysis on a comprehensive range of sample types. Access to high-quality microscopes and cameras, a library of the most up-to-date literature, and an extensive global reference collection enables Fugro staff to make rapid and reliable identifications.

Our staff are familiar with the requirements of a broad client base. We provide data for projects including baseline ecological studies, pre- and post-decommissioning surveys, wind farm construction and long-term monitoring programmes, both within the UK and internationally.

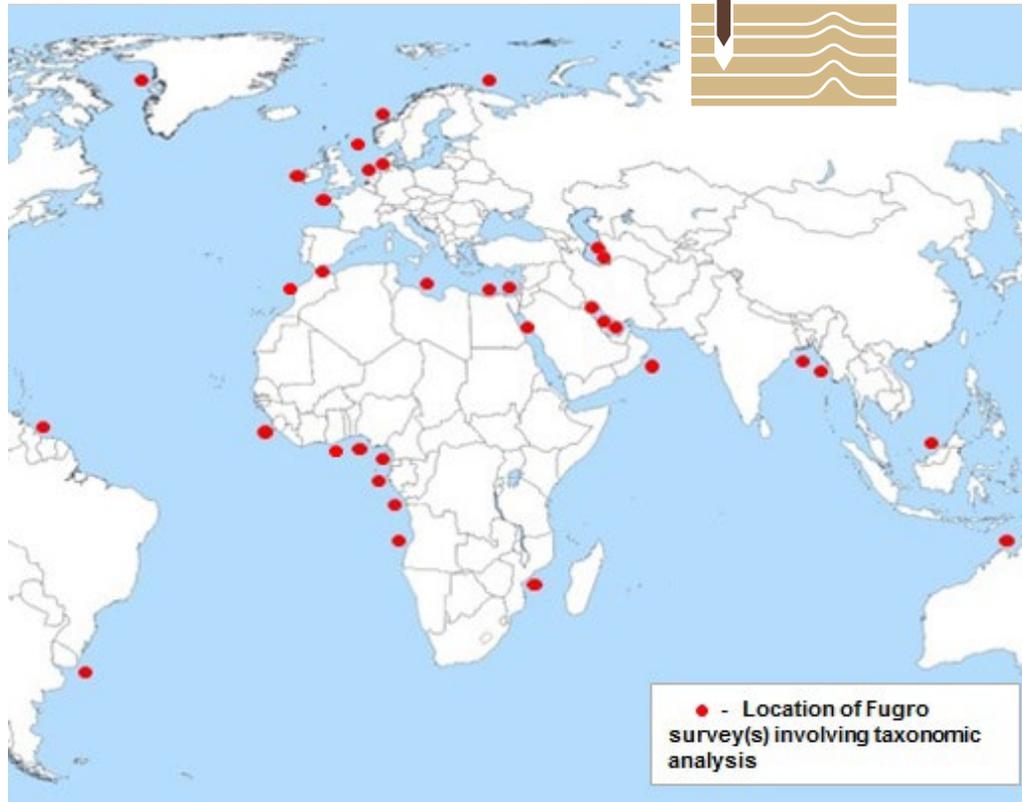
DELIVERING ON A WORLDWIDE SCALE

As part of the Fugro group, our laboratories provide clients with marine macrofauna identification expertise on a global scale.

Key international regions include:

- Europe – UK, Ireland, Germany, the Netherlands, Norway, Cyprus
- Mediterranean – Gibraltar, Egypt, Libya, Israel, Morocco
- Baffin Bay
- Barents Sea
- Red Sea
- The Gulf – Bahrain, Kuwait, Oman, Iran
- Caspian Sea – Azerbaijan, Turkmenistan
- Africa – Angola, Nigeria, Gabon, Sierra Leone, Republic of the Congo, Mozambique, Equatorial Guinea, Ghana
- South America – Uruguay, Guyana
- South China Sea – Malaysia
- Bay of Bengal – Myanmar, Bangladesh
- Western Australia

Working in locations and water depths with relatively undescribed macrofauna, the laboratories have produced several fauna identification aids. We use these guides to ensure consistency in future in-house projects. We also share them with research institutes.



Fugro is experienced in identifying fauna from around the globe for a range of project scopes, including ports and harbours, pipe line positioning, environmental baseline assessments and monitoring.

TAXONOMY TRAINING

Our laboratories can host taxonomic training workshops for all levels. We also offer lecture and microscopy facilities to external institutions. In conjunction with Portsmouth University we run an 'Introduction to Marine Taxonomy' course on campus, involving lectures and practical sessions.

QUALITY ASSURANCE

Fugro has a fully integrated quality, health, safety, security and environmental management system certified to the international standards ISO 9001, ISO 14001 and OHSAS 18001. Our Porchester benthic laboratory is also a UKAS accredited testing laboratory (ISO/IEC 17025:2005, No. 1272).

Our benthic laboratories have participated in the National Marine Biological Analytical Quality Control (NMBAQC) proficiency testing scheme since 1994.



*Examining the decapod *Carcinus maenas* from UK waters.*



*Identifying the polychaete *Sternaspis scutata* for inclusion in the taxonomy group's reference collection.*