

# Benthic Laboratories - International



Providing over 15 years of specialist marine taxonomy support to governmental bodies, the oil and gas, renewables and aggregates industries on standalone and multidisciplinary projects in the UK and internationally.

## Expertise in Taxonomy

The Fugro EMU Limited laboratories group comprised marine laboratories in Portsmouth (formerly EMU Laboratories), Edinburgh (formerly Fugro ERT Laboratories) and Great Yarmouth (formerly Fugro Survey Environmental Laboratories).

Fugro EMU's marine laboratory group provide species identification of macrofauna and analysis of sediment characteristics. Interpretation of these data provides the baseline for descriptions of seabed environments, community structures and biotopes at the time of the survey. Combined, these laboratories offer.

- The largest marine taxonomy team in the UK, with over 40 experienced taxonomists to ensure delivery of data within required timescales
- Specialists in data collection, analysis and interpretation for our worldwide client base
- Modern high quality equipment including digital camera systems for training and providing images for reports
- A global master reference collection holding over 25,000 individual specimens
- An extensive library of taxonomic literature from around the world
- Strict health, safety and QC procedures with BS EN ISO 9001:2008 and National Marine Biological Analytical Quality Control (NMBAQC) participation



*Large brittlestar from >1300 m, South China Sea*



*One of Fugro EMU's benthic laboratories*



*Intertidal shore sampling in Peru*

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## Delivering on a Worldwide Scale

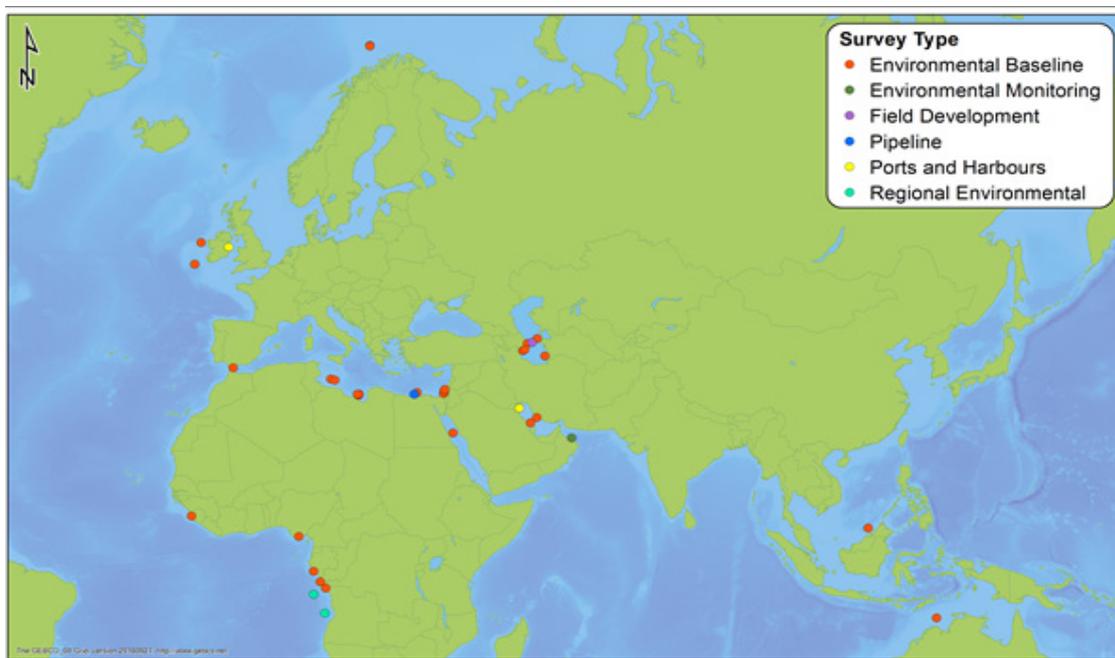
As part of the Fugro group our established laboratory teams provide clients with analytical expertise in marine benthic macrofauna identification on a worldwide scale. The data produced has been applied in a variety of ways including baseline ecological studies, pre and post decommissioning surveys and wind farm construction, both in the UK and internationally. Our laboratories deliver contracts for a wide range of sectors, either as standalone benthic taxonomy services or in support of large multidisciplinary projects run in conjunction with other departments or within the wider Fugro Group.

## Key International Projects

Fugro EMU's laboratories have extensive experience identifying infauna from outside the UK waters including:

- North east Atlantic – Gibraltar, Barents Sea, west of Ireland
- Mediterranean - Egypt, Libya, Israel
- Red Sea
- The Gulf – Bahrain, Kuwait, Oman, Iran
- West Africa - Angola, Nigeria, Gabon, Sierra Leone, Congo
- Caspian Sea - Azerbaijan, Turkmenistan
- South China Sea – Malaysia
- Western Australia

Working in locations and water depths with relatively undescribed macrofauna, the laboratories have produced several photographic identification aids to fauna collected during deepwater and international environmental surveys, both for consistency in future projects in-house and for clients and overseas research institutes.



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