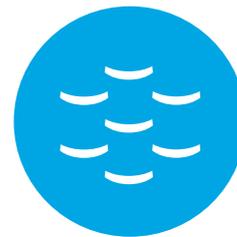
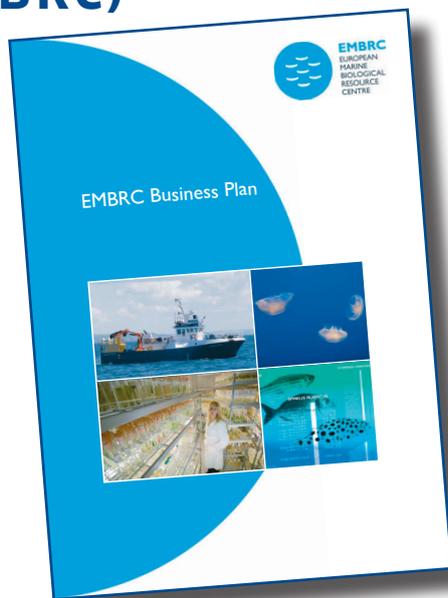


EUROPEAN MARINE BIOLOGICAL RESOURCE CENTRE (EMBRC)



EMBRC
EUROPEAN
MARINE
BIOLOGICAL
RESOURCE
CENTRE

What is EMBRC?

The European Marine Biological Resource Centre (EMBRC) is a group of leading marine research centres in Europe, also known as a distributed Research Infrastructure (RI).

Through its members the EMBRC will provide access to European coastal seas and the extensive range of marine organisms that it contains. In addition, with having both the expertise and necessary specialist facilities, it will become the major European provider of marine biological research infrastructure and related services, championing the future sustainable exploitation of marine biological resources.

Through research teams sharing knowledge, competences, and high level technologies, the EMBRC will encourage improved exploitation of marine resources as well as the development of medicines (anti-cancer), blue energies (fuel made from algae) and many other end-products from the sea.

What will EMBRC do?

EMBRC aims to deliver services such as:

- Providing access to European coastal marine biota and their ecosystems
- Providing an integrated supply of marine model species, for multidisciplinary research
- Offering state-of-the-art research services
- Disseminating knowledge to stakeholders and the general public
- Offering interdisciplinary training in marine biological sciences and marine genomics
- Promoting collaboration between academia and industry

EMBRC also aims to:

- Reinforce links to other European Strategy Fora on Research Infrastructures (ESFRI)
- Contribute towards an interoperable global marine knowledge system
- Establish an open platform for data sharing
- Implement standardised procedures of data gathering, evaluation, storage and calibration to optimise interoperability among research infrastructures (RIs)
- Provide up-to-date RIs across Member States
- Foster interdisciplinary research and innovation capabilities
- Promote mobility and exchange of knowledge and personnel between industry and academia

Who will EMBRC serve?

EMBRC will deliver services to the marine science community, local Small and Medium Enterprises (SMEs) and private sector industrial companies by making marine organisms, model ecosystems and the expertise associated with their study available to them. Research is increasingly being focused on marine organisms to explore fundamental questions in biology and develop novel products. EMBRC support the marine research community and encourage the study of marine biodiversity for innovation and technological advancement.

Areas of research that will be supported by the EMBRC include:

- Biodiversity and ecosystem function
- Developmental biology
- Biogeochemistry and global change
- Marine products and resources
- Biomedical science

What stage has EMBRC reached?

Early in 2014, EMBRC successfully completed its preparatory phase and moved into the implementation phase. A Memorandum of Understanding (MoU) came into effect in December 2013. The current MoU signatories include France, Greece, Israel, Italy, the Netherlands, Portugal, Spain and the United Kingdom. These countries have agreed to undertake the necessary steps to establish EMBRC as a European Research Infrastructure Consortium (ERIC). The HQ will be hosted by the University Pierre and Marie Curie (UPMC) with the Central National de la Recherche Scientifique (CNRS) in Jussieu, Paris.

How is the UK involved?

The Scottish Government, through Marine Scotland, has signed the MoU on behalf of the UK. An EMBRC UK node has been set up and its members include:

- British Antarctic Survey (BAS)
- Marine Alliance for Science and Technology Scotland (MASTS)
- Marine Biological Association (MBA)
- Scottish Association for Marine Science (SAMS)
- Scottish Government (through Marine Scotland)
- University of St Andrews (Scottish Oceans Institute)

The EMBRC UK node will provide the UK representation to the EMBRC Implementation Board and communicate progress on EMBRC within the UK. The node will collect metrics to demonstrate EMBRC's success and benefits. Marine Scotland will provide updates on EMBRC to the UK Marine Science Coordination Committee (MSCC).

Where can I find out more?

For further information visit the EMBRC website www.embrc.eu

More details on the EMBRC can be found in the EMBRC Business Plan. This is available from the EMBRC website. http://www.embrc.eu/images/stories/EMBRC/WP/EMBRC_Business_Plan.pdf

Contact details for UK partners can be found here. <http://www.gov.scot/Topics/marine/science/EMBRC>



**British
Antarctic Survey**



**SCOTTISH
ASSOCIATION
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