



Europôle Mer

What is it?

Europole Mer is a consortium of 17 research institutes, universities and specialised agencies based in Western France that aim to enhance research in marine science and technology

Its members are:





Europôle Mer

Objectives

1. To reinforce the science dynamic on marine research in Brittany with a multi-disciplinary and multi-institutional focus
2. To strengthen 4 particular research domains for increased capacity, attractivity and excellence.
3. To produce operationnal strategies in various fields of expertise



Europôle Mer Research

Research Area 1

« From exploration to valuing marine
biodiversity »

Keywords

- System biology
- Metagenomics
- Chemobiodiversity
- Process



Image: François Thomas – UMR 7139 Roscoff



Europôle Mer Research

Research Area 2

« Climate, hasards, vulnerability and biological
ressources »

Keywords

- Fine scale physics
- Predictive models
- Marine habitats
- Ecosystem approaches
- Societal challenges



Image: Ifremer



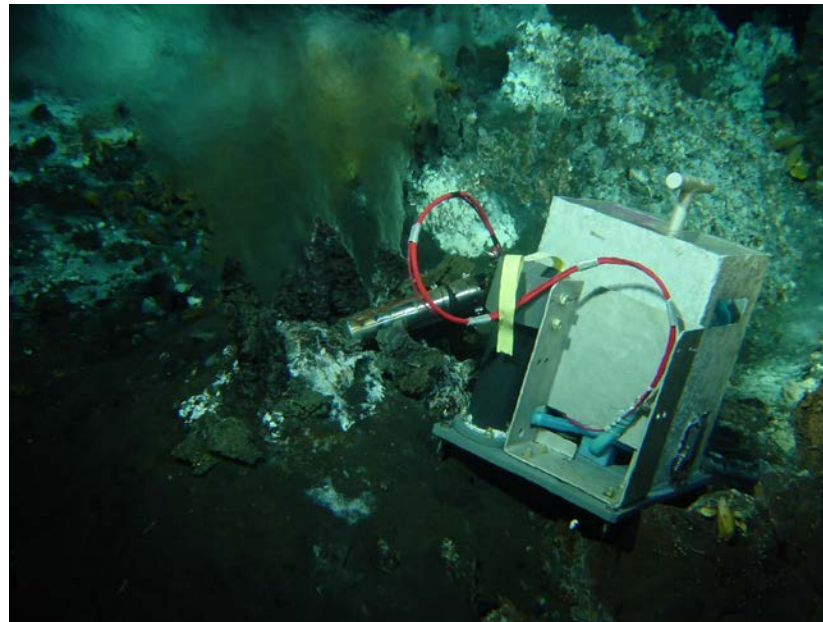
Europôle Mer Research

Research Area 3

« Deep sea : geo-bio interactions, material fluxes and resources »

Keywords

- Biogeochemistry
- Geobiology
- From coast to abyss
- Oil & Gas
- Minerals





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Research Area 4

« Observing systems, hydrodynamics, marine structures and marine renewable energy »

Keywords

- Sustained observation/
monitoring
- ICT systems
- Data management
- Wave interactions
- Materials

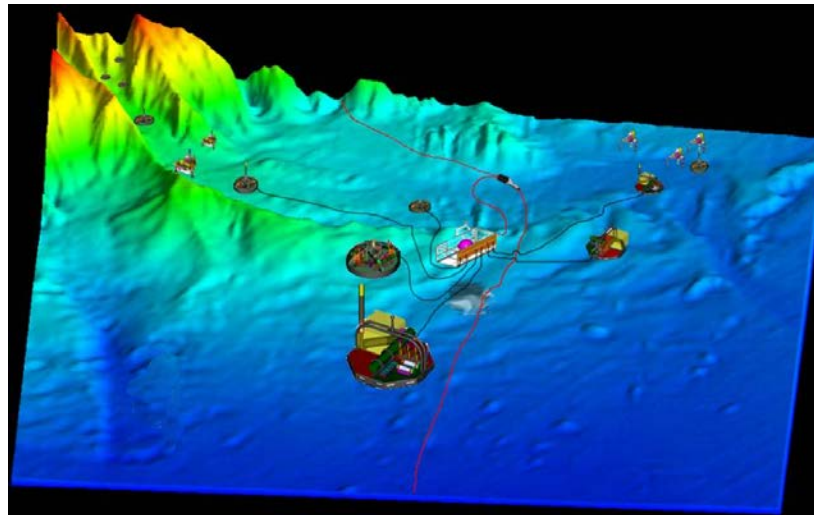


Image: Ifremer Brest



Europôle Mer

Scientific networking program

- Specific Training Support Initiatives in the 4 research areas of Europole Mer : short intensive training courses,
- Structuring research further within Europole Mer and UEB: Summer schools (with IMBER, EUR-OCEANS consortium, MGE, ESONET, ..), specific working groups for foresight
- Symposium for the European Strategy Forum on Research Infrastructures (ESFRI) projects involving Europole Mer members (2011);
- Europole Mer days: active researchers within Europole Mer meet their colleagues to facilitate links between axes, projects and between teams
- Conference cycle for the general public at an international level jointly with Pole Mer Bretagne.



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Public outreach

Europole Mer aims to develop the scientific knowledge transfer to a larger public with the help of Oceanopolis experience and its network of aquaria.





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More information

www.europolemer.eu

