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FP7 Research opportunities on Environment

**EEA Conference
July 2008
Copenhagen**

**European Commission
Research DG
Management of Natural Resources RTD.I.4
Miguel Nuevo-Alarcon
Research Programme Officer on Marine Ecosystems**





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Support from EU Environment Research

✓ Environment Research to contribute to EU policies,
e.g.:

- 6th Environmental Action Plan and associated Thematic Strategies (*air, waste, marine, soil, pesticides, urban environment*)
- Action Plans on *Environmental Technologies and Environment and Health*
- European directives – Water Framework, REACH (chemicals), CAFE (air quality), INSPIRE
- Renewed Sustainable Development Strategy
- Communication on European Maritime Policy
- Commission Communications on 'Halting the loss of biodiversity by 2010' and 'Limit to 2°C the global warming'
- Green Paper on Adaptation to Climate Change





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Main activities of the FP7 Cooperation ENV Theme

- ✓ **Climate change, pollution and risks**
- ✓ **Sustainable Management of Resources**
- ✓ **Environmental Technologies**
- ✓ **Earth observation and assessment tools for sustainable development**



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Environment (including Climate Change)

Activities and sub-activities

- ✓ **Climate change, pollution and risks**
 - Pressures on environment and climate
 - Environment and health
 - Natural hazards

- ✓ **Sustainable Management of Resources**
 - Conservation and sustainable management of natural and man-made resources and biodiversity

 - Management of marine environments





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Environment (including Climate Change)

Activities and sub-activities

✓ **Environmental Technologies**

- Environmental technologies for observation, simulation, prevention, mitigation, adaptation, remediation and restoration of the natural and man-made environment
- Protection, conservation and enhancement of cultural heritage including human habitat
- Technology assessment, verification and testing

✓ **Earth observation and assessment tools for sustainable development**

- Earth and ocean observation systems and monitoring methods for the environment and sustainable development (GEOSS)
- Forecasting methods and assessment tools for sustainable development





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FP7-ENV-2007-1

Proposal selected for funding *

ENV-2008-2-2-1-4: Dynamic of marine ecosystem in a changing environment

MEECE - Marine Ecosystem Evolution in a Changing Environment

EC contribution (€): 6.500.000

Coordinator: Plymouth Marine Laboratory (UK)

Aims to use a combination of data synthesis, numerical simulation and targeted experimentation to further our knowledge of how marine ecosystems will respond to combinations of multiple climate change and anthropogenic drivers. With an emphasis on the European Marine Strategy (EMS), MEECE will improve the decision support tools to provide a structured link between management questions and the knowledge base that can help to address those questions. A strong knowledge transfer element will provide an effective means of communication between end-users and scientists.

**** Still in negotiation***





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FP7-ENV-2008-1

ENV-2008-2-2-1-1: Monitoring and evaluation of spatially managed areas

MESMA * - **Monitoring and evaluation of spatially managed areas**

EC contribution (€): 6.568.846

Coordinator: Wageningen IMARES (NL)

MESMA will supply innovative methods and integrated strategies for governments, local authorities, stakeholders and other managerial bodies for planning and decision making at different local, national and European scales. This will also comprise an easy accessible information system to gain support from politicians, stakeholders and the public in general for difficult (inter)national decisions that will be needed for sustainable use and protection of this vulnerable area. This data system, containing information on the distribution of habitats and species, economic values and benefits and human uses and its effects will also be an interface between science, policy and decision makers. MESMA will supply strategic tools for sustainable development of European seas and coastal areas.

** Still in negotiation*





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Call 2009

Example: Sub-Activity 6.2.2
Management of marine environments

- **reconcile the short-term objective of exploiting marine resources with the long-term objective of protecting the seas**
- **furthering existing ERA-Nets, promoting strategic partnerships, in relation to the recent communication on EU Maritime Policy**
- **boosting international research in strategic areas such as the Mediterranean/ Black Sea**





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Area 6.2.2.1 Marine resources

- **ENV.2009.2.2.1.1 Options for Ecosystem-based management (large scale integrating project)**
- **ENV.2009.2.2.1.2 Towards integrated European marine research strategy and programmes ERA-NET (CSA-CA)**
- **ENV.2009.2.2.1.3 Support to "Maritime Partnership" (supporting action)**
- **ENV.2009.2.2.1.4 Integrated Coastal Zone Management (large scale integrating project) *SICA targeted to Mediterranean partner countries and Black Sea Basin***
- **ENV.2009.2.2.1.5 Management and protection of coral reefs in the Wider Caribbean (large scale integrating project) *SICA targeted to the Wider Caribbean***
- **ENV.2009.2.2.1.6. Contribution of subseafloor sampling programs to European deep-sea research (coordinating action)**





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Call FP7-ENV-2009-1

Opening Call: 03/09/2008

Closing Date: 08/01/2009

**More detailed information soon to be
available on <http://cordis.europa.eu>**





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THANK YOU

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