

FP7 Cooperation Work Programme: Theme 6 - Environment

Call Fiche

- Call identifier: *FP7-ENV-2007-1*
- Date of publication: 22 December 2006
- Deadline: 2nd of May 2007 at 17:00, Brussels local time
- **Indicative budget:** *200 million EUR from the 2007 budget^{1 2}*
- Topics called:

ACTIVITY/ AREA	TOPICS CALLED	FUNDING SCHEMES
ACTIVITY 6.1.		
Sub-activity 6.1.1. Pressures on environment and climate		
<i>1.1.1.</i>	<i>ENV.2007.1.1.1.1. Stability of the ThermoHaline Circulation</i>	<i>Collaborative projects (large-scale integrating projects)</i>
<i>1.1.2.</i>	<i>ENV.2007.1.1.2.1. Megacities, air quality and climate</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
<i>1.1.3.</i>	<i>ENV.2007.1.1.3.1. Ocean acidification and its consequences</i>	<i>Collaborative projects (large-scale integrating projects)</i>
<i>1.1.4.</i>	<i>Not open in 2007.</i>	
<i>1.1.5.</i>	<i>ENV.2007.1.1.5.1. Climate change impacts and adaptation strategies in water policies</i>	<i>Coordination and support actions (coordinating type or supporting type)</i>
<i>1.1.5.</i>	<i>ENV.2007.1.1.5.2. Climate change impacts on vulnerable mountain regions</i>	<i>Collaborative projects (large-scale integrating projects)</i>
<i>1.1.5.</i>	<i>ENV.2007.1.1.5.3. Past and future climate change impacts in the Parana-Plata river basin of South America</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
<i>1.1.6.</i>	<i>ENV.2007.1.1.6.1. Full costs of climate change</i>	<i>Collaborative projects (small or medium-scale focused</i>

¹ Under the condition that the preliminary draft budget for 2007 is adopted without modifications by the budget authority.

² This amount includes an indicative amount of up to €4 M for the ERA-NETs foreseen under this Theme – See Annex 4 (Table 2 - Overview of Activities and Topics mentioned in Cooperation Themes which are part of the FP7-ERANET-2007 –RTD joint call).

		<i>research projects)</i>
<i>1.1.6.</i>	<i>ENV.2007.1.1.6.2. Effectiveness of adaptation and mitigation measures related to changes of the hydrological cycle and its extremes</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
<i>1.1.6.</i>	<i>ENV.2007.1.1.6.3. Impact and feed-backs of climate policies on land use and ecosystems in Europe</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
<i>1.1.6.</i>	<i>ENV.2007.1.1.6.4. Exploitation and dissemination of climate change research results and public perception</i>	<i>Coordination and support actions (supporting type)</i>
Sub-activity 6.1.2. Environment and Health		
<i>1.2.1.</i>	<i>ENV.2007.1.2.1.1. Indoor air pollution in Europe: an emerging environmental issue</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
<i>1.2.1.</i>	<i>ENV.2007.1.2.1.2. Environmental factors and their impact on reproduction and development</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
<i>1.2.2.</i>	<i>ENV.2007.1.2.2.1. European network on human biomonitoring</i>	<i>Network of excellence</i>
<i>1.2.2.</i>	<i>ENV.2007.1.2.2.2. European cohort on air pollution</i>	<i>Collaborative projects (large-scale integrating projects)</i>
<i>1.2.2.</i>	<i>ENV.2007.1.2.2.3. Health impacts of drought and desertification including socio-economic aspects</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
<i>1.2.3.</i>	<i>ENV.2007.1.2.3.2. Geographical information systems in support for environment and health research</i>	<i>Coordination and support actions (coordinating type)</i>
Sub-activity 6.1.3. Natural Hazards		
<i>1.3.1.</i>	<i>ENV.2007.1.3.1.1. European storm risk</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
<i>1.3.2.</i>	<i>ENV.2007.1.3.2.1. Frame for better vulnerability assessment</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
<i>1.3.3.</i>	<i>ENV.2007.1.3.3.1. Assessing and managing volcanic threat</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
<i>1.3.3.</i>	<i>ENV.2007.1.3.3.2. Harmonising avalanche forecasting, risk mapping and warning</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>

1.3.3.	<i>ENV.2007.1.3.3.3. Investigating Europe's risk from droughts</i>	<i>Coordination and support actions (coordinating or supporting type)</i>
1.3.4.	<i>ENV.2007.1.3.4.1. European (multi) hazard database analysis</i>	<i>Coordination and support actions (supporting type)</i>
ACTIVITY 6.2. SUSTAINABLE MANAGEMENT OF RESOURCES		
Sub-activity 6.2.1. Conservation and sustainable management of natural and man-made resources and biodiversity		
2.1.1.	<i>Not open in 2007</i>	
2.1.2.	<i>ENV.2007.2.1.2.1. Assessing the ecological status of water bodies</i>	<i>Collaborative projects (large-scale integrating projects)</i>
2.1.2.	<i>ENV.2007.2.1.2.2. River basin twinning initiatives as a tool to implement EU initiatives</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
2.1.2.	<i>ENV.2007.2.1.2.3. Temporary water bodies management</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
2.1.2.	<i>ENV.2007.2.1.2.4. Integrated resource management in international co-operation partner countries</i>	<i>Coordination and support actions (supporting type)</i>
2.1.3.	<i>ENV.2007.2.1.3.1. Geographical transect approach to desertification</i>	<i>Collaborative projects (large-scale integrating projects)</i>
2.1.4.	<i>ENV.2007.2.1.4.1. Contribution of biodiversity to ecosystem services</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
2.1.4.	<i>ENV.2007.2.1.4.2. Use of natural resources: the impact on biodiversity, ecosystem goods and services</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
2.1.4.	<i>ENV.2007.2.1.4.3. Biodiversity values, sustainable use and livelihoods</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
2.1.5.	<i>ENV.2007.2.1.2.1. Urban metabolism and resource optimisation in the urban fabric</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
2.1.6.	<i>Not open in 2007.</i>	
Sub-activity 6.2.2. Management of marine environments		
2.2.1.	<i>ENV.2007.2.2.1.1. Development of advanced ecosystem models methodologies for the management and sustainable use of resources</i>	<i>Collaborative projects (large-scale integrating projects)</i>

2.2.1.	<i>ENV.2007.2.2.1.2. Ecology of important marine species</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
2.2.1.	<i>ENV.2007.2.2.1.3. Habitat-marine species interactions in view of ecosystem based management in the deep-sea</i>	<i>Collaborative projects (large-scale integrating projects)</i>
2.2.1.	<i>ENV.2007.2.2.1.4. Dynamic of marine ecosystem in a changing environment</i>	<i>Collaborative projects (large-scale integrating projects)</i>
2.2.1.	<i>ENV.2007.2.2.1.5. Deep ocean geophysical and biological processes</i>	<i>Coordination and support actions (coordinating type)</i>
2.2.1.	<i>ENV.2007.2.2.1.6. Investigating life in extreme environments</i>	<i>Coordination and support actions (coordinating type)</i>
2.2.1.	<i>ENV.2007.2.2.1.7. Promoting access to information across marine themes</i>	<i>Coordination and support actions (supporting type)</i>
2.2.1.	<i>ENV.2007.2.2.1.8. Fostering improved co-operation between marine science and the private sector</i>	<i>Coordination and support actions (supporting type)</i>
2.2.1.	<i>ENV.2007.2.2.1.9. Access to and recovery of marine data from previous FP projects</i>	<i>Coordination and support actions (supporting type)</i>

ACTIVITY 6.3. ENVIRONMENTAL TECHNOLOGIES

Sub-activity 6.3.1. Environmental technologies for observation, simulation, prevention, mitigation, adaptation, remediation and restoration of the natural and man-made environment

3.1.1.	<i>ENV.2007.3.1.1.1. Innovative technologies and services for sustainable water use in industries</i>	<i>Collaborative projects (large-scale integrating projects)</i>
3.1.1.	<i>ENV.2007.3.1.1.2. Technologies for measuring and monitoring networks</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
3.1.2.	<i>ENV.2007.3.1.2.1. Development and improvement of technologies for data collection in (digital) soil mapping</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
3.1.2.	<i>ENV.2007.3.1.2.2. Development of technologies and tools for soil contamination assessment and site characterisation, towards sustainable remediation</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
3.1.3.	<i>ENV.2007.3.1.3.1. Development of integrated waste management technologies for maximising material and energy recovery/ recycling of the organic (humid) fraction of municipal solid waste</i>	<i>Collaborative projects (large-scale integrating projects)</i>

3.1.3.	<i>ENV.2007.3.1.3.2. New technologies for waste sorting</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
3.1.3.	<i>ENV.2007.3.1.3.3. Networking and preparatory action in view of developing cost-effective, environmentally-safe waste treatment technologies and services adapted to the needs of developing countries, within a targeted life cycle approach</i>	<i>Coordination and support actions (coordinating type)</i>
3.1.4.	<i>ENV.2007.3.1.4.1. Networking and preparatory action in view of control of mercury in industrial processes and products</i>	<i>Coordination and support actions (coordinating type)</i>
3.1.5.	<i>ENV.2007.3.1.5.1. Low resource consumption buildings and infrastructure</i>	<i>Coordination and support actions (coordinating type)</i>
3.1.5.	<i>ENV.2007.3.1.5.2. Performance indicators for health, comfort and safety of the indoor built environment</i>	<i>Coordination and support actions (coordinating type)</i>
3.1.6.	<i>Not open in 2007</i>	
Sub-activity 6.3.2. Protection, conservation and enhancement of cultural heritage, including human habitat		
3.2.1.	<i>ENV.2007.3.2.1.1. Damage assessment, diagnosis and monitoring for the preventive conservation and maintenance of the cultural heritage</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
3.2.2.	<i>ENV.2007.3.2.2.2. Consolidation and dissemination of results related to cultural heritage</i>	<i>Coordination and support actions (supporting type)</i>
3.2.3.	<i>Not open in 2007</i>	
3.2.4.	<i>Not open in 2007</i>	
Sub-activity 6.3.3. Technology assessment, verification and testing		
3.3.1.	<i>ENV.2007.3.3.1.1. In-silico techniques for hazard-, safety-, and environmental risk-assessment</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
3.3.1.	<i>ENV.2007.3.3.1.2. Defining of a long-term research strategy for the full replacement of animal tests for repeat dose systemic toxicity</i>	<i>Coordination and support actions (coordinating type)</i>
3.3.2.	<i>Not open in 2007</i>	
3.3.3.	<i>Not open in 2007</i>	
ACTIVITY 6.4. EARTH OBSERVATION AND ASSESSMENT TOOLS FOR		

SUSTAINABLE DEVELOPMENT		
Sub-activity 6.4.1. Earth and ocean observation systems and monitoring methods for the environment and sustainable development		
4.1.1.	<i>ENV.2007.4.1.1.1. Monitoring of the carbon cycle at global level</i>	<i>Coordination and support actions (coordinating type)</i>
4.1.1.	<i>ENV.2007.4.1.1.2. Contribution to a global biodiversity observation system</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
4.1.2.	<i>ENV.2007.4.1.2.1. Coordination of national earth observation programmes in view of their long-term integration and sustainability</i>	<i>Coordination and support actions (coordinating type)</i>
4.1.2.	<i>ENV.2007.4.1.2.2. Contributing to the development of a worldwide network of in-situ observatories for seismogenic hazards</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
4.1.2.	<i>ENV.2007.4.1.2.3. Dissemination and broadcasting of scientific data and information</i>	<i>Coordination and support actions (supporting type)</i>
4.1.3.	<i>ENV.2007.4.1.3.1. Application of Earth Observations to environmental and health issues</i>	<i>Coordination and support actions (supporting type)</i>
4.1.3.	<i>ENV.2007.4.1.3.2. Monitoring the ocean interior, seafloor, and subseafloor</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
4.1.3.	<i>ENV.2007.4.1.3.3. Development of a Global Soil Observing System</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
4.1.4.	<i>ENV.2007.4.1.4.1. Georesource information system for Africa</i>	<i>Coordination and support actions (supporting type)</i>
4.1.4.	<i>ENV.2007.4.1.4.2. Improving observing systems for water resource management</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
4.1.4.	<i>ENV.2007.4.1.4.3. GEONETCast applications for developing countries</i>	<i>Coordination and support actions (supporting type)</i>
Sub-activity 6.4.2. Forecasting methods and assessment tools for sustainable development taking into account different scales of observation		
4.2.1.	<i>ENV.2007.4.2.1.1. Methodologies for scaling down to the regional and local level the analysis of policy impacts on multifunctional land uses and the economic activity</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>

4.2.1.	<i>ENV.2007.4.2.1.2. Improved tools to analyse the sustainable development implications of the EU financial perspective revision (2008-2009)</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
4.2.1.	<i>ENV.2007.4.2.1.3. Tools for impact assessment of sustainable development policies in international collaboration partner countries</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
4.2.2.	<i>ENV.2007.4.2.2.1. Bridging mainstream indicators of economic performance with sustainable development objectives</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
4.2.3.	<i>ENV.2007.4.2.3.1. Policies to promote sustainable consumption patterns</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
4.2.3.	<i>ENV.2007.4.2.3.2. Engaging civil society in research on sustainable development</i>	<i>Research for the benefit of specific groups or coordination and support actions (coordinating or supporting type)</i>
ACTIVITY 6.5. HORIZONTAL ACTIONS		
Sub-activity 6.5.1. Dissemination and horizontal activities		
5.1.1	<i>ENV.2007.5.1.1.1. Transnational co-operation among NCPs</i>	<i>Coordination and support actions (coordinating type)</i>

- Evaluation procedure:
 - A one-stage submission procedure will be followed.
 - Proposals may be evaluated remotely.
 - The evaluation criteria (including weights and thresholds) and sub-criteria together with the eligibility, selection and aware criteria for the different funding schemes are set out in annex 2 to this work programme
- Indicative evaluation and contractual timetable:

Evaluations are expected to be carried out during the month of May-June 2007. It is expected that the contract negotiations for the shortlisted proposals will be opened in June/ July 2007. A reserve list may be established.
- Consortia agreements:

Participants in collaborative projects (large-scale integrating projects) and in the Networks of Excellence are required to conclude consortium agreements.
- Particular requirements for participation, evaluation and implementation:

The minimum number of participating legal entities for all funding schemes is set out in the Rules for Participation and presented in the relevant parts below.

Funding scheme	Minimum conditions
Collaborative projects	At least 3 independent legal entities, each of which is established in a MS or AC, and no 2 of which are established in the same MS or AC
Collaborative project for specific cooperation actions dedicated to international cooperation partner countries	At least 4 independent legal entities. Of these, 2 must be established in different MS or AC. The other 2 must be established in different international cooperation partner countries.
Network of Excellence	At least 3 independent legal entities, each of which is established in a MS or AC, and no 2 of which are established in the same MS or AC
Coordination and support actions (coordinating type)	At least 3 independent legal entities, each of which is established in a MS or AC, and no 2 of which are established in the same MS or AC
Coordination and support actions (supporting type)	At least 1 independent legal entity.
Research for the benefit of specific groups	At least 3 independent legal entities, each of which is established in a MS or AC, and no 2 of which are established in the same MS or AC. At least 1 of the legal entities has to be a civil society organisation (CSO).

- The forms of grants and maximum reimbursement rates which will be offered are specified in Annex 3 to the Cooperation work programme.