

**FP7 Cooperation Work Programme: Theme 6 Environment
(including climate change)**

Call Fiche

Call Title: Environment (including climate change)

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- Date of publication: 30 November 2007
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- Indicative budget: EUR 212 million

The budget for this call is indicative. The final total budget awarded to this call, following the evaluation of proposals, may vary by up to 10% of the total value of the call.

All budgetary figures given in this call are indicative. The repartition of the sub-budgets awarded within this call, following the evaluation of proposals, may vary by up to 10% of the total value of the call.

- Topics called:

ACTIVITY/ AREA	TOPICS CALLED	FUNDING SCHEMES
ACTIVITY 6.1. CLIMATE CHANGE, POLLUTION AND RISKS		
Sub-activity 6.1.1. Pressures on environment and climate (EUR 42 million)		
<i>1.1.1.</i>	<i>ENV.2008.1.1.1.1 Sea-Level Rise: Trends in contributions from continental ice, processes and links to climate change</i>	<i>Collaborative project (large-scale integrating project)</i>
<i>1.1.2.</i>	<i>ENV.2008.1.1.2.1 Climate-chemistry interactions in the stratosphere related to ozone depletion</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
<i>1.1.3.</i>	<i>ENV.2008.1.1.3.1 Impacts of climate variability, extreme events and increasing atmospheric greenhouse gas concentrations on terrestrial carbon storage, exchange flows and soil carbon dynamics</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
<i>1.1.4.</i>	<i>ENV.2008.1.1.4.1 New components in Earth System modelling for better climate projections</i>	<i>Collaborative project (large-scale integrating project)</i>
<i>1.1.5.</i>	<i>ENV.2008.1.1.5.1 Addressing deforestation in tropical areas: greenhouse gas emissions, socio-economic drivers and impacts, and policy options for emissions reduction</i>	<i>Collaborative projects (small or medium-scale focused research projects) (Specific International)</i>

		<i>Cooperation Action)</i>
<i>1.1.5.</i>	<i>ENV.2008.1.1.5.2 Climate change impacts and Thresholds on Arctic Ocean systems</i>	<i>Collaborative project (large-scale integrating project)</i>
<i>1.1.6.</i>	<i>ENV.2008.1.1.6.1 Impacts of Himalayan glaciers retreat and monsoon pattern change on the water resources in Northern India, and adaptation strategies</i>	<i>Collaborative projects (small or medium-scale focused research projects) (Specific International Cooperation Action)</i>
<i>1.1.6.</i>	<i>ENV.2008.1.1.6.2 Implications and risks of novel options to limit climate change</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
<i>1.1.6.</i>	<i>ENV.2008.1.1.6.3 Multiple pathways analysis of emerging economies in a post-Kyoto regime</i>	<i>Coordination and support actions (supporting type)</i>
Sub-activity 6.1.2. Environment and Health (EUR 20 million)		
<i>1.2.1.</i>	<i>ENV.2008.1.2.1.1 Health impacts of exposure to radiofrequency fields in childhood and adolescence</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
<i>1.2.1.</i>	<i>ENV.2008.1.2.1.2 Comparison of health risks in populations in the Arctic and selected areas in Europe due to the spreading of contaminants resulting from climate change</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
<i>1.2.1.</i>	<i>ENV.2008.1.2.1.3 European research network on noise and health</i>	<i>Coordination and support actions (coordinating type)</i>
<i>1.2.1.</i>	<i>ENV.2008.1.2.1.4 New, improved and validated biomarkers to investigate long-term health impacts of exposure to environmental pollutants</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
<i>1.2.1.</i>	<i>ENV.2008.1.2.1.5 Quantification of changing surface UV radiation levels and its impact on human health</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
<i>1.2.1.</i>	<i>ENV.2008.1.2.1.6 Databases based on European cohort studies and their exploitation for advancement of knowledge of environment-health relationships</i>	<i>Coordination and support actions (coordinating type)</i>
<i>1.2.2.</i>	<i>Not open in 2008.</i>	
<i>1.2.3.</i>	<i>Not open in 2008.</i>	
Sub-activity 6.1.3. Natural hazards (EUR 14 million)		
<i>1.3.1.</i>	<i>ENV.2008.1.3.1.1 Development of a common methodology and tools to</i>	<i>Collaborative projects (small or medium-scale focused</i>

	<i>evaluate earthquake hazard in Europe</i>	<i>research projects)</i>
<i>1.3.2.</i>	<i>ENV.2008.1.3.2.1 Natural hazards: social perception, behaviour and responses to risks</i>	<i>Coordination and support actions (coordinating type)</i>
<i>1.3.3.</i>	<i>ENV.2008.1.3.3.1 Prediction of triggering and risk assessment for landslides</i>	<i>Collaborative project (large-scale integrating project)</i>
<i>1.3.3.</i>	<i>ENV.2008.1.3.3.2 Preparedness and risk management for flash floods including generation of sediment and associated debris flow</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
<i>1.3.4.</i>	<i>ENV.2008.1.3.4.1 Natural hazards in Europe: coordinated research strategy between European and national levels</i>	<i>Coordination and support actions (coordinating type)</i>
ACTIVITY/ AREA	TOPICS CALLED	FUNDING SCHEMES
ACTIVITY 6.2. SUSTAINABLE MANAGEMENT OF RESOURCES		
Sub-activity 6.2.1. Conservation and sustainable management of natural and man-made resources and biodiversity (EUR 30 million)		
<i>2.1.1.</i>	<i>Not open in 2008.</i>	
<i>2.1.2.</i>	<i>ENV.2008.2.1.2.1 Groundwater systems</i>	<i>Collaborative project (large-scale integrating project)</i>
<i>2.1.2.</i>	<i>ENV.2008.2.1.2.2 Clustering River Basins Twinning Initiatives and knowledge transfer</i>	<i>Coordination and support actions (coordinating type)</i>
<i>2.1.2.</i>	<i>ENV.2008.2.1.2.3. Assessing the ecological status of water bodies</i>	<i>Collaborative project (large-scale integrating project)</i>
<i>2.1.3.</i>	<i>ENV.2008.2.1.3.1 Assessment of methods to combat desertification</i>	<i>Coordination and support actions (supporting type)</i>
<i>2.1.4.</i>	<i>ENV.2008.2.1.4.1 Improving the capacity to protect and manage the biodiversity of continental waters</i>	<i>Collaborative project (large-scale integrating project)</i>
<i>2.1.4.</i>	<i>ENV.2008.2.1.4.2 Rehabilitation of data from biodiversity-related projects funded under previous framework programmes</i>	<i>Coordination and support actions (supporting type)</i>
<i>2.1.4.</i>	<i>ENV.2008.2.1.4.3 Increasing the integration of biodiversity research results into policy making</i>	<i>Coordination and support actions (supporting type)</i>
<i>2.1.4.</i>	<i>ENV.2008.2.1.4.4 Scale dependency of sustainable use of biodiversity</i>	<i>Collaborative project (large-scale integrating project)</i>
<i>2.1.5.</i>	<i>Not open in 2008.</i>	
<i>2.1.6.</i>	<i>ENV.2008.2.1.6.1 Development of adaptive forest management models</i>	<i>Collaborative project (large-scale integrating project)</i>

Sub-activity 6.2.2. Management of marine environments (EUR 20.5 million)		
2.2.1.	<i>ENV.2008.2.2.1.1 Monitoring and evaluation of Spatially Managed Areas (SMA)</i>	<i>Collaborative project (large-scale integrating project)</i>
2.2.1.	<i>ENV.2008.2.2.1.2 Deep-sea ecosystems</i>	<i>Collaborative project (large-scale integrating project)</i>
2.2.1.	<i>ENV.2008.2.2.1.3 Ecosystem approach to marine environment and resource</i>	<i>Collaborative project (large-scale integrating project)</i>

ACTIVITY/ AREA	TOPICS CALLED	FUNDING SCHEMES
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 (EUR 34 million)		
3.1.1.	<i>ENV.2008.3.1.1.1 Rehabilitation technologies for degraded water systems presenting quantity and quality problems</i>	<i>Collaborative project (large-scale integrating project)</i>
3.1.2.	<i>ENV.2008.3.1.2.1 Recovery of degraded soil resources</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
3.1.3.	<i>ENV.2008.3.1.3.1 Waste prevention: industrial networking and zero-waste entrepreneurship</i>	<i>Collaborative project (large-scale integrating project)</i>
3.1.3.	<i>ENV.2008.3.1.3.2 Technologies for high added value production from waste</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
3.1.4.	<i>ENV.2008.3.1.4.1 Substitution options for Brominated Flame Retardants (BFRs): a prototypical case for source control of Priority Pollutants in a Life Cycle Thinking perspective</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
3.1.5.	<i>ENV.2008.3.1.5.1 Innovative environmental technologies including design concepts and materials for the reduction of damage to the environment</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
3.1.6.	<i>ENV.2008.3.1.6.1 Development of automated sensing technologies for estuaries, coastal areas and seas</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
Sub-activity 6.3.2. Protection, conservation and enhancement of cultural heritage, including human habitat (EUR 9 million)		
3.2.1.	<i>ENV.2008.3.2.1.1 Development and application of methodologies, technologies, models and tools for</i>	<i>Collaborative project (large-scale integrating project)</i>

	<i>damage assessment, monitoring and adaptation to climate change impacts (excluding extreme events)</i>	
3.2.1.	<i>ENV.2008.3.2.1.2 "EU cultural heritage identity card"</i>	<i>Coordination and support actions (coordinating type)</i>
3.2.2.	<i>ENV.2008.3.2.2.1 Framework conditions to enhance most promising prototypes</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
3.2.3.	<i>Not open in 2008.</i>	
3.2.4.	<i>Not open in 2008.</i>	
Sub-activity 6.3.3. Technology assessment, verification and testing (EUR 7 million)		
3.3.1.	<i>ENV.2008.3.3.1.1 Safety and risk assessment as the basis of risk-based management of chemicals and products in a global perspective and Alternative Testing Strategies</i>	<i>Coordination and support actions (coordinating type)</i>
3.3.2.	<i>ENV.2008.3.3.2.1 Sustainability assessment of technologies</i>	<i>Collaborative project (large-scale integrating project)</i>
3.3.3.	<i>ENV.2008.3.3.3.1 Harmonised approaches towards the development of international technology verification systems</i>	<i>Coordination and support actions (coordinating type)</i>

ACTIVITY/ AREA	TOPICS CALLED	FUNDING SCHEMES
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 (EUR 21 million)		
4.1.1.	<i>ENV.2008.4.1.1.1 European Environment Earth Observation system supporting INSPIRE and compatible with GEOSS (Global Earth Observation System of Systems)</i>	<i>Collaborative project (large-scale integrating project)</i>
4.1.2.	<i>ENV.2008.4.1.2.1 Monitoring and observing oxygen depletion throughout the different Earth system components</i>	<i>Collaborative project (small or medium-scale focused research project)</i>
4.1.3.	<i>ENV.2008.4.1.3.1 Developing Earth Observation for the monitoring and prediction of environmental impacts from energy resource extraction, transportation and/or exploitation</i>	<i>Collaborative project (large-scale integrating project)</i>

4.1.4.	<i>ENV.2008.4.1.4.1 Developing necessary research activities for capacity building relevant to Earth Observation and GEO in the Black Sea basin</i>	<i>Collaborative projects (large-scale integrating project) (Specific International Cooperation Action)</i>
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Sub-activity 6.4.2. Forecasting methods and assessment tools for sustainable development taking into account different scales of observation (EUR 12 million)

4.2.1.	<i>Not open in 2008.</i>	
4.2.2.	<i>ENV.2008.4.2.2.1 Engaging civil society in research on Sustainable Development Indicators</i>	<i>Research for the benefit of specific groups or coordination and support actions (coordinating or supporting type)</i>
4.2.3.	<i>ENV.2008.4.2.3.1 Rethinking globalisation in the light of sustainable development</i>	<i>Collaborative projects (small or medium-scale focused research projects)</i>
4.2.3.	<i>ENV.2008.4.2.3.2 Enhancing connectivity between research and policy-making in sustainable development</i>	<i>Coordination and support actions (coordinating type), collaborative projects (small- or medium-scale focused research projects)</i>

ACTIVITY/ AREA	TOPICS CALLED	FUNDING SCHEMES
ACTIVITY 6.5. HORIZONTAL ACTIONS		
Sub-activity 6.5.1. Dissemination and horizontal activities (EUR 2.5 million)		
	<i>ENV.2008.5.1.0.1 1 Development of a methodology to exploit the results and enhance impacts of EU environment research activities</i>	<i>Coordination and support actions (supporting type)</i>
	<i>ENV.2008.5.1.0.2 Research excellence and major infrastructure in Russia and potential for S&T cooperation with EU partners in the area of the environment</i>	<i>Coordination and support actions (supporting type)</i>

- Evaluation procedure:
 - A one-stage submission procedure will be followed.
 - Proposals may be evaluated remotely.
 - Reserve lists may be established for the sub-activities
 - 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. In the case of large-scale integrated

collaborative projects, maximum one project will be retained per topic. In the case of small and medium-scale focused collaborative projects maximum two projects will be retained per topic, except for sub-activity 6.4.2 and except for topic ENV.2008.1.1.6.2 under the sub-activity 6.1.1. on which this limitation will not apply.

- Additional eligibility criteria:
 - For the topic ENV.2008.5.1.0.2, the participation of a Russian partner(s) in the consortium is an additional eligibility criterion.
 - The following budgetary thresholds are applied as eligibility criteria:
 - Collaborative projects:
For small or medium-scale focused research projects, the requested Community contribution shall not exceed EUR 3 500 000, with the exception of the following topics:
ENV.2008.1.1.6.2 (up to EUR 1 000 000)
ENV.2008.4.2.3.1 and ENV.2008.4.2.3.2. (up to EUR 1 500 000).
For large-scale integrating projects the requested Community contribution shall be from EUR 4 000 000 up to 7 000 000, with the exception of the following topics:
ENV.2008.1.1.1.1 (from EUR 4 000 000 up to 10 000 000)
ENV.2008.1.1.4.1 (from EUR 4 000 000 up to 8 000 000)
ENV.2008.1.1.5.2 (from EUR 4 000 000 up to 5 000 000)
ENV.2008.2.2.1.2 (from EUR 4 000 000 up to 8 000 000)
ENV.2008.3.2.1.1 (from EUR 4 000 000 up to 5 000 000)
ENV.2008.3.3.2.1 (from EUR 4 000 000 up to 5 000 000)
 - CSA, the "coordination and support actions" funding scheme, allows for 2 different types of actions to be financed: a) coordinating type or b) supporting type. The requested Community contribution for these coordination or support actions is expected to be relatively limited in size and scope, as reflected in the relevant topic descriptions. The requested Community contribution shall not exceed EUR 1 000 000
 - For "Research for the benefit of specific groups"¹ the requested Community contribution shall not exceed EUR 1 500 000.
- Indicative evaluation and contractual timetable:
Evaluations are expected to be carried out during the months of March-April 2008. It is expected that the contract negotiations for the shortlisted proposals will be opened in June 2008.
- Consortia agreements:
Participants in collaborative projects (large-scale integrating projects) are required to conclude consortium agreements.
- The forms of grants and maximum reimbursement rates which will be offered are specified in Annex 3 to the Cooperation work programme.

¹ Topic ENV.2008.4.2.2.1 in this Work Programme

- 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 (SICA) 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 (ICPC).
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).