

**Call title : FP7-ENV-2010**

- **Call identifier:** FP7-ENV-2010
- **Date of publication:** 30 July 2009
- **Deadline<sup>1</sup>:** 5 January 2010 at 17.00.00, Brussels local time
- **Indicative budget<sup>23</sup>:** EUR 175 000 000

All budgetary figures for this call are indicative. Following the evaluation of proposals, the final budget awarded to actions implemented through this call for proposals may vary:

- by up to 10% of the total value of the indicated budget for each call; and
- any repartition of the call budget may also vary by up to 10% of the value of the indicated budget for the call.

The final budgets for evaluation, monitoring and review may vary by up to 20% of the indicated budgets for these actions. The final budget for actions not implemented through this call for proposals may vary by up to 10% of the indicated budgets for these actions.

- **Topics called:**

ACTIVITY/ AREA	TOPICS CALLED	FUNDING SCHEMES
<b>ACTIVITY 6.1. CLIMATE CHANGE, POLLUTION AND RISKS</b>		
<b>Sub-activity 6.1.1. Pressures on environment and climate (EUR 29 500 000)</b>		
<i>1.1.1.</i>	<i>Not open in 2010.</i>	
<i>1.1.2.</i>	<i>ENV.2010.1.1.2-1 Atmospheric chemistry and climate change interactions</i>	<i>Collaborative Project (large scale integrating project)</i>
	<i>ENV.2010.1.1.2-2 Networking activities on atmospheric composition and climate change for research collaboration and policy making</i>	<i>Coordination and Support Action (coordinating action)</i>
<i>1.1.3.</i>	<i>ENV.2010.1.1.3-1 Changes in carbon uptake and emissions by oceans in a changing climate</i>	<i>Collaborative Project (large scale integrating project)</i>
<i>1.1.4.</i>	<i>ENV.2010.1.1.4-1 Underpinning work to enable provision of local scale climate information (annual to decadal timescales)</i>	<i>Collaborative Project (small or medium-scale focused research project)</i>

<sup>1</sup> The Director-General responsible may delay this deadline by up to two months.

<sup>2</sup> Under the condition that the preliminary draft budget for 2010 is adopted without modifications by the budgetary authority.

<sup>3</sup> A reserve list will be constituted if there is a sufficient number of good quality proposals. It will be used if extra budget becomes available.

1.1.5.	<i>ENV.2010.1.1.5-1 Impact of ocean acidification in the Mediterranean in a changing climate</i>	<i>Collaborative Project (small or medium-scale focused research project)</i>
1.1.6.	<i>ENV.2010.1.1.6-1 Climate change mitigation options linked to deforestation and agriculture in the context of a post-2012 international agreement on climate change</i>	<i>Collaborative Project (small or medium-scale focused research project)</i>
	<i>ENV.2010.1.1.6-2 Explore climate policy scenarios for developing countries and/or emerging economies</i>	<i>Coordination and Support Action (supporting action)</i>
	<i>ENV.2010.1.1.6-3 Quantifying the costs of mitigating climate change by means of activities involving joint climate and economic modelling</i>	<i>Collaborative Project (small or medium-scale focused research project)</i>
<b>Sub-activity 6.1.2. Environment and Health (EUR 12 500 000)</b>		
1.2.2.	<i>ENV.2010.1.2.2-1 Indoor air pollution and health risks of modern office buildings</i>	<i>Collaborative Project (small or medium-scale focused research project)</i>
	<i>ENV.2010.1.2.2-2 Human health and environmental effects of exposure to pharmaceuticals released into the environment</i>	<i>Collaborative Project (small or medium-scale focused research project)</i>
1.2.3.	<i>ENV.2010.1.2.3-1 Exposure models to assess the risks to operators, workers, residents and bystanders from exposure to plant protection products (PPPs)</i>	<i>Collaborative Project (small or medium-scale focused research project). Maximum EC contribution of EUR 2 000 000</i>
	<i>ENV.2010.1.2.3-2 Greenhouse gas emission reduction policies and their impacts on public health and welfare in urban areas</i>	<i>Collaborative Project (small or medium-scale focused research project) for specific cooperation actions (SICA) dedicated to international cooperation partner countries</i>
<b>Sub-activity 6.1.3. Natural hazards (EUR 8 000 000)</b>		
1.3.1.	<i>Not open in 2010.</i>	
1.3.2.	<i>ENV.2010.1.3.2-1 Building a culture of risk prevention in Europe</i>	<i>Collaborative Project (small or medium-scale focused research project)</i>

1.3.4.	<i>ENV.2010.1.3.4-1 New methodologies for multi-hazard and multi-risk assessment</i>	<i>Collaborative Project (small or medium-scale focused research project)</i>
	<i>ENV.2010.1.3.4-2 Social science research, natural hazards and decision making process</i>	<i>Coordination and Support Action (coordinating action)</i>

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<b>ACTIVITY 6.2. SUSTAINABLE MANAGEMENT OF RESOURCES</b>		
<b>Sub-activity 6.2.1. Conservation and sustainable management of natural and man-made resources and biodiversity (EUR 28 500 000)</b>		
2.1.1.	<i>ENV.2010.2.1.1-2 Integrated resource management based on land and land-use management</i>	<i>Collaborative Project (large scale integrating project)</i>
2.1.2.	<i>ENV.2010.2.1.2-1 Evaluation of effectiveness of economic instruments in integrated water policy</i>	<i>Collaborative Project (small or medium-scale focused research project)</i>
2.1.3.	<i>Not open in 2010.</i>	
2.1.4.	<i>ENV.2010.2.1.4-1 Functional significance of forest biodiversity</i>	<i>Collaborative Project (large scale integrating project)</i>
	<i>ENV.2010.2.1.4-3 Developing a European scientific biodiversity Network to inform policy-making and economic actors</i>	<i>Coordination and Support Action (coordinating action)</i>
	<i>ENV.2010.2.1.4-4 Increasing the understanding of the role of soil biodiversity in ecosystem functioning</i>	<i>Collaborative Project (large scale integrating project)</i>
2.1.5.	<i>ENV.2010.2.1.5-1 Assessing vulnerability of urban systems, populations and goods in relation to natural and man-made disasters in Africa</i>	<i>Collaborative Project (small- or medium scale focused research project) for specific cooperation actions (SICA) dedicated to international cooperation partner countries</i>
2.1.6.	<i>No open in 2010.</i>	
<b>Sub-activity 6.2.2. Management of marine environments (EUR 11 500 000)</b>		
2.2.1.	<i>ENV.2010.2.2.1-1 North Atlantic Ocean and associated shelf-seas protection and management options – collaboration with</i>	<i>Collaborative Project (large scale integrating project)</i>

	<i>US &amp; Canada</i>	
	<i>ENV.2010.2.2.1-2 Global plankton data set building in view of modelling</i>	<i>Collaborative Project (small- or medium scale focused research project) for specific cooperation actions (SICA) dedicated to international cooperation partner countries</i>
	<i>ENV.2010.2.2.1-3 Coordination actions to support FP6 NoEs durable integration</i>	<i>Coordination and Support Action (coordinating action)</i>

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<b>ACTIVITY 6.3. ENVIRONMENTAL TECHNOLOGIES</b>		
<b>Sub-activity 6.3.1. Environmental technologies for observation, simulation, prevention, mitigation, adaptation, remediation and restoration of the natural and man-made environment (EUR 39 500 000)</b>		
<i>3.1.1.</i>	<i>ENV.2010.3.1.1-1 Technologies and systems for urban water cycle services</i>	<i>Collaborative Project (large scale integrating project)</i>
	<i>ENV.2010.3.1.1-2 Innovative system solutions for municipal sludge treatment and management</i>	<i>Collaborative Project (small or medium-scale focused research project)</i>
<i>3.1.2.</i>	<i>Not open in 2010.</i>	
<i>3.1.3.</i>	<i>ENV.2010.3.1.3-1 Innovative technologies and eco design recommendations for reuse and recycling of Construction and Demolition (C&amp;D) waste, with a special focus on technologies for onsite solutions</i>	<i>Collaborative Project (small or medium-scale focused research project)</i>
	<i>ENV.2010.3.1.3-2 Innovative technologies and system solutions for municipal solid waste management in densely populated cities</i>	<i>Collaborative Project (small or medium-scale focused research project) – (bottom-up topic area, up to 3 projects of maximum EC contribution of EUR 2 500 000)</i>
<i>3.1.4.</i>	<i>ENV.2010.3.1.4-1 Integrated Pollution Prevention and Control of industrial emissions in the Mediterranean region</i>	<i>Coordination and Support Action (coordinating action) Additional eligibility</i>

		<i>critterion: A minimum of two participants from the Mediterranean partner countries is required. This requirement will be applied as eligibility criterion.</i>
3.1.5.	<i>ENV.2010.3.1.5-1 Resource efficient and urban friendly construction sites</i>	<i>Collaborative Project (small or medium-scale focused research project)</i>
	<i>ENV.2010.3.1.5-2 Environmental technologies for brownfield regeneration</i>	<i>Collaborative Project (small or medium-scale focused research project)</i>
3.1.6.	<i>Not open in 2010.</i>	
3.1.7	<i>ENV.2010.3.1.7-1 Technologies for automated monitoring of air pollution in cities</i>	<i>Coordination and Support Action (supporting action)</i>
3.1.8.	<i>ENV.2010.3.1.8-1 Development of technologies for long-term carbon sequestration</i>	<i>Collaborative Project (small or medium-scale focused research project) (bottom-up topic area, up to 3 projects of maximum EC contribution of EUR 2 500 000)</i>
<b>Sub-activity 6.3.2. Protection, conservation and enhancement of cultural heritage, including human habitat (EUR 3 500 000)</b>		
3.2.1.	<i>ENV.2010.3.2.1-1 Non-destructive diagnosis technologies for the safe conservation of movable cultural assets</i>	<i>Collaborative Project (small or medium-scale focused research project) Targeted for SMEs</i>
3.2.2.	<i>Not open in 2010.</i>	
3.2.3.	<i>Not open in 2010.</i>	
3.2.4.		
<b>Sub-activity 6.3.3. Technology assessment, verification and testing (EUR 4 500 000)</b>		
3.3.1.	<i>ENV.2010.3.3.1-1 Reduction of the use of animals in eco-toxicological safety testing</i>	<i>Coordination and Support Action (coordinating action)</i>
3.3.2.	<i>ENV.2010.3.3.2-1 Boosting Life Cycle Assessment use in SMEs: development of</i>	<i>Collaborative Project (small or medium-scale focused</i>

	<i>sectoral methods and tools</i>	<i>research project)</i>
3.3.3.	<i>Not open in 2010.</i>	

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<b>ACTIVITY 6.4. EARTH OBSERVATION AND ASSESSMENT TOOLS FOR SUSTAINABLE DEVELOPMENT</b>		
<b>Sub-activity 6.4.1. Earth and ocean observation systems and monitoring methods for the environment and sustainable development (EUR 17 000 000)</b>		
4.1.1.	<i>ENV.2010.4.1.1-1 Supporting the integration of European and international R&amp;D programmes in GEO</i>	<i>Coordination and Support Action (coordinating action)</i>
4.1.2.	<i>ENV.2010.4.1.2-1 Building observational datasets for the predictability of global atmospheric, oceanic and terrestrial processes using reanalysis techniques</i>	<i>Collaborative Project (small or medium-scale focused research project)</i>
	<i>ENV.2010.4.1.2-2 Integrating new data visualisation approaches of earth Systems into GEOSS development</i>	<i>Collaborative Project (small or medium-scale focused research project)</i>
4.1.3.	<i>ENV.2010.4.1.3-1 Exploring GNSS (global navigation satellite systems) applications for Global Environmental Earth Observation and GEOSS (Global Earth Observation Systems of Systems)</i>	<i>Coordination and Support Action (coordinating action)</i>
	<i>ENV.2010.4.1.3-2 Global Observation Systems for Mercury</i>	<i>Collaborative Project (large-scale integrating project) for specific cooperation actions (SICA) dedicated to international cooperation partner countries</i>
4.1.4.	<i>ENV.2010.4.1.4-1 Identification and Networking of EO activities in the Balkan area</i>	<i>Coordination and Support Action (coordinating action)</i>
<b>Sub-activity 6.4.2. Forecasting methods and assessment tools for sustainable development taking into account different scales of observation (EUR 16 500 000)</b>		
4.2.1.	<i>ENV.2010.4.2.1-1 Enhancing model integration for the assessment of global</i>	<i>Collaborative Project (small- or medium-scale focused</i>

	<i>environmental change</i>	<i>research project)</i>
4.2.2.	<i>ENV.2010.4.2.2-1 Development of integrated economic and environmental accounts</i>	<i>Collaborative Project (small- or medium-scale focused research project)</i>
4.2.3	<i>ENV.2010.4.2.3-1 Foresight to enhance behavioural and societal changes enabling the transition towards sustainable paths in Europe</i>	<i>Collaborative Project (small- or medium-scale focused research project) or research for the benefit of specific groups – civil society organisations. Requested Community contribution of up to EUR 1 500 000. Bottom-up topic, up to three projects will be retained for this topic.</i>
	<i>ENV.2010.4.2.3-2 Producing a shared vision on how to harness R&amp;D to sustainability</i>	<i>Coordination and support action (coordinating action) Up to one project will be retained for this topic.</i>
	<i>ENV.2010.4.2.3-3 Brokerage activities to promote sustainable consumption and production patterns</i>	<i>Collaborative Project (small- or medium-scale focused research project). Requested Community contribution of up to EUR 1 500 000. Bottom-up topic, up to three projects will be retained for this topic.</i>

ACTIVITY/ AREA	TOPICS CALLED	FUNDING SCHEMES
<b>ACTIVITY 6.5. HORIZONTAL ACTIONS</b>		
<b>Sub-activity 6.5.1. Dissemination and horizontal activities (EUR 4 000 000)</b>		
5.1.0.	<i>ENV.2010.5.1.0-1 Dissemination and uptake of FP environmental research results with tangible impact on economic growth and social welfare</i>	<i>Coordination and Support Action (supporting action)</i>

	<i>ENV.2010.5.1.0-2 Dissemination and exploitation of research results to enhance impacts of environment research activities in an enlarged Europe</i>	<i>Coordination and Support Action (coordinating action)</i>
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• **Eligibility conditions:**

The evaluation criteria, together with the eligibility, selection and award criteria, for the funding scheme are set out in Annex 2 of this work programme, and in the guide for applicants.

**Only information provided in part A will be used to determine whether the proposal is eligible with respect to budget thresholds and partnership.** Please note that the completeness criterion also includes that part B of the proposal shall be readable, accessible and printable.

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.

<b>Funding scheme</b>	<b>Minimum conditions</b>
Collaborative project	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 action (coordinating action)	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 action (supporting action)	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 following funding thresholds will apply to the FP7-ENV-2010 call:

- Collaborative Projects in this work programme are divided into a) small or medium-scale focused research project, and b) large-scale integrating project:
  - For small or medium-scale focused research project, the requested Community contribution shall not exceed EUR 3 500 000, except for topics ENV.2010.3.1.3-2 and ENV.2010.3.1.8-1, where the requested Community contribution shall not exceed EUR é 500 000, for topic

ENV.2010.1.2.3-1, where the requested Community contribution shall not exceed EUR 2 000 000 and topics ENV.2010.4.2.3-1 and ENV.2010.4.2.3-3 for which the requested Community contribution shall not exceed EUR 1 500 000.

- For large-scale integrating project, the requested Community contribution shall be from EUR 4 000 000 up to EUR 7 000 000 CSA, the 'Coordination and Support Action' funding scheme, allows for 2 different types of actions to be financed: a) coordinating action or b) supporting action. The requested Community contribution for these coordinating or supporting actions shall not exceed EUR 1 000 000,
- For CSA, ERA-net – coordinating action, the requested Community contribution shall not exceed EUR 2 000 000.

**It is important to note that the above mentioned funding thresholds will be applied as eligibility criteria and that the proposals not fulfilling these thresholds are considered as ineligible. Only information provided in part A of the proposal will be used to determine whether the proposal is eligible with respect to budget thresholds and partnership.**

- **Evaluation procedure:**

- A one-stage submission procedure will be followed.
- Proposals may be evaluated remotely.
- A reserve lists may be established for the sub-activities<sup>4</sup>

The evaluation criteria (including weights and thresholds) and sub-criteria together with the eligibility, selection and award criteria for the different funding schemes are set out in annex 2 to the work programme. In the case of large-scale integrating Collaborative Projects, maximum one project will be retained per topic. In the case of small and medium-scale focused Collaborative Projects, maximum two proposals will be retained per topic, except for topics ENV.2010.3.1.3-2, ENV.2010.3.1.8-1, ENV.2010.4.2.3-1 and ENV.2010.4.2.3-3 for which maximum three proposals will be retained. There is no maximum number of proposals for Coordination and Support Action, except for topic ENV.2010.4.2.3-2, for which maximum one proposal will be retained.

- The evaluation criteria and scoring scheme are set out in annex 2 of the work programme.

Proposal page limits: Applicants must ensure that proposals conform to the page limits and layout given in the Guide for Applicants, and in the proposal part B template available through the EPSS.

The Commission will instruct the experts to disregard any pages exceeding these limits.

The minimum font size allowed is 11 points. The page size is A4, and all margins (top, bottom, left, right) should be at least 15 mm (not including any footers or headers).

- The evaluation shall follow a single stage evaluation procedure. Proposals are evaluated on the basis of the following three criteria: 1. S/T quality; 2. Implementation; 3. Impact. For each criterion marks will be given, with the possibility of 0.5 point scores. Successful proposals must pass the minimum thresholds as follows:

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<sup>4</sup> A reserve list will be constituted if there is a sufficient number of good quality proposals. It will be used according to the rules of submission of proposals.

- If necessary, the panel will determine a priority order for proposals which have been awarded the same score within a ranked list. The approach described in Annex 2 of the Cooperation work programme will be applied successively for every group of *ex aequo* proposals requiring prioritisation, with the addition that among the proposals that address topics not otherwise covered by more highly-rated proposals, SICA proposals are given first priority.
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- In case there would be an insufficient number of eligible proposals passing the evaluation thresholds in order to consume the budget of a given Sub-Activity, the remaining indicative budget of that Sub-Activity will be transferred to the other Sub-Activities pro-rate. In case additional funding, such as third country contribution, becomes available or when residual budgets remain under the Sub-Activities, the following formula and criteria (in the order indicated) shall be used to establish the list of proposals suggested for funding:
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  - 1) Maximising coverage of the work programme
  - 2) Prioritising SICAs
  - 3) Maximising the number of projects funded and ensuring efficient use of the overall call budget

- **Indicative evaluation and contractual timetable:**

Evaluations are expected to be carried out during the months of February-March 2010. It is expected that the grant agreement negotiations for the shortlisted proposals will be opened in May 2010.

- **Consortia agreements**

Participants in collaborative projects (large-scale integrating projects) are required to conclude consortia agreements.

- **The forms of grant and maximum reimbursement rates** which will be offered are specified in Annex 3 to the Cooperation work programme. In accordance with Annex 3 of this work programme, this call provides for the possibility to use flat rates to cover subsistence costs incurred by beneficiaries during travel carried out within grants for indirect actions. For further information, see the relevant Guides for Applicants for this call. The applicable flat rates are available at the following website: [http://cordis.europa.eu/fp7/find-doc\\_en.html](http://cordis.europa.eu/fp7/find-doc_en.html) under 'Guidance documents/Flat rates for daily allowances'.