

Call title: ENV 2011

- **Call identifier: FP7-ENV-2011**
- **Date of publication:** 20 July 2010
- **Deadline¹:** 16 November 2010
- **Indicative budget^{2,3}:** EUR 155 000 000

The budget for this call is indicative. The final budget awarded to actions implemented through calls for proposals may vary:

- The final budget of the call 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 total value of the indicated budget for 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 37 000 000)		
<i>1.1.1.</i>	ENV.2011.1.1.1-1 Improvement of the representation of critical climate processes in climate and Earth system models.	<i>Collaborative Project (large scale integrating project)</i>
<i>1.1.2.</i>	ENV.2011.1.1.2-1 The impact of atmospheric pollution on European land ecosystems and soil in a changing climate.	<i>Collaborative Project (large scale integrating project)</i>
	ENV.2011.1.1.2-2 Climate forcing of non UNFCCC gases, aerosols and black carbon.	<i>Collaborative Project (small or medium-scale focused research project)</i>

ACTIVITY/ AREA	TOPICS CALLED	FUNDING SCHEMES
<i>1.1.3.</i>	ENV.2011.1.1.3-1 Vulnerability of Arctic permafrost to climate change and implications for global GHG emissions and future climate.	<i>Collaborative Project (large scale integrating project)</i>
<i>1.1.4.</i>	Not open in this Call.	

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

² Under the condition that the draft budget for 2011 is adopted without modifications by the budgetary authority.

³ 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.

FP7 Cooperation Work Programme 2011: Environment (including climate change)
Call fiche: ENV-2011

1.1.5.	ENV.2011.1.1.5-1 Impacts of climate and land use changes in the Amazon.	<i>Collaborative Project (small or medium-scale focused research project) for specific cooperation actions (SICA) dedicated to international cooperation partner countries (focus on Latin America)</i>
1.1.6.	ENV.2011.1.1.6-1 Impacts of a global temperature increase of 2° from pre-industrial level, in Europe and most vulnerable regions of the world.	<i>Collaborative Project (large scale integrating project)</i>
1.1.6.	ENV.2011.1.1.6-2 Mitigation policies and measures in the world's major economies compatible with the objective of limiting global surface temperature increase below 2°C.	<i>Collaborative Project (small or medium-scale focused research project)</i>
Sub-activity 6.1.2. Environment and health (EUR 18 000 000)		
1.2.1.	ENV.2011.1.2.1-1 Environmental change and its effects on atopic diseases (allergies, asthma, eczema) in Europe.	<i>Collaborative Project (small or medium-scale focused research project)</i>
1.2.2.	ENV.2011.1.2.2-1 Combined exposures to environmental agents: integrated approaches to evaluate environment-health relationships in children.	<i>Collaborative Project (large scale integrating project) Additional eligibility criterion related to SME participation applying to this topic is set out in the topic description</i>
	ENV.2011.1.2.2-2 Exposure to electromagnetic fields (EMF): investigations of mechanisms to support risk assessment and reduce uncertainty.	<i>Collaborative Project (small or medium-scale focused research project) Additional eligibility criterion related to SME participation applying to this topic is set out in the topic description</i>
1.2.3.	ENV.2011.1.2.3-1 Integrating ecological and human risk evaluations for better risk governance.	<i>Coordination and Support Action (coordinating action)</i>
	ENV.2011.1.2.3-2 Positive effects of natural environment for human health and well-being.	<i>Collaborative Project (small or medium-scale focused research project)</i>

ACTIVITY/ AREA	TOPICS CALLED	FUNDING SCHEMES
Sub-activity 6.1.3. Natural Hazards (EUR 18 000 000)		
1.3.1.	ENV.2011.1.3.1-1 Towards real-time	<i>Collaborative Project (large</i>

FP7 Cooperation Work Programme 2011: Environment (including climate change)
Call fiche: ENV-2011

	earthquake risk reduction.	<i>scale integrating project)</i>
1.3.2.	ENV.2011.1.3.2-1 Building societal resilience to disasters in Europe.	<i>Collaborative Project (small or medium-scale focused research project)</i>
	ENV.2011.1.3.2-2 Vulnerability and increased drought risk in Europe.	<i>Collaborative Project (small or medium-scale focused research project)</i>
1.3.3.	ENV.2011.1.3.3-1 Risk prevention and management before volcanic eruptions.	<i>Collaborative Project (small or medium-scale focused research project) for specific cooperation actions (SICA) dedicated for international cooperation partner countries (focus on Latin America)</i>
1.3.4.	ENV.2011.1.3.4-1 Capacity building in natural hazards risks reduction.	<i>Coordination and Support Action (coordinating action) Additional eligibility criterion related to SME participation applying to this topic is set out in the topic description</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 (EUR 41 000 000)		
2.1.1.	ENV.2011.2.1.1-1 Lagoons in the context of climate change.	<i>Collaborative Project (small or medium-scale focused research project)</i>
2.1.2.	ENV.2011.2.1.2-1 Hydromorphology and ecological objectives of WFD.	<i>Collaborative Project (large scale integrating project)</i>
2.1.3.	Not open in this Call.	
2.1.4.	ENV.2011.2.1.4-1 Potential of biodiversity and ecosystems for the mitigation of climate change.	<i>Collaborative Project (large scale integrating project) for specific cooperation actions (SICA) dedicated to international cooperation partner countries (focus on Latin America)</i>
	ENV.2011.2.1.4-2 Behaviour of ecosystems, thresholds and tipping points.	<i>Collaborative Project (large scale integrating project)</i>
	ENV.2011.2.1.4-3 Improved comprehension of the utility of the concepts of value of biodiversity.	<i>Collaborative Project (small or medium-scale focused research project)</i>

FP7 Cooperation Work Programme 2011: Environment (including climate change)
 Call fiche: ENV-2011

ACTIVITY/ AREA	TOPICS CALLED	FUNDING SCHEMES
2.1.5.	ENV.2011.2.1.5-1 Sustainable and Resilient Green Cities.	<i>Collaborative Project (large scale integrating project) Additional eligibility criterion related to SME participation applying to this topic is set out in the topic description</i>
	ENV.2011.2.1.5-2 Furthering Strategic Urban Research.	<i>Coordination and Support Action (coordinating action)</i>
2.1.6.	ENV.2011.2.1.6-1 Land-use and European forest ecosystems.	<i>Collaborative Project (large scale integrating project)</i>
Sub-activity 6.2.2. Management of marine environments		
2.2.1.	Not open in this Call.	
2.2.2.	Not open in this Call.	
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 7 000 000)		
3.1.1.	ENV.2011.3.1.1-1 Technologies for water scarcity mitigation in Latin American context.	<i>Collaborative Project (small or medium-scale focused research project) for specific cooperation actions (SICA) dedicated to international cooperation partner countries (focus on Latin America)</i>
	ENV.2011.3.1.1-2 Natural water systems and treatment technologies to cope with water shortages in urbanised areas in India.	<i>Collaborative Project (small or medium-scale focused research project) for specific cooperation actions (SICA) dedicated to international cooperation partner countries</i>
3.1.2.	Not open in this Call.	
3.1.3.	Not open in this Call.	
3.1.4.	Not open in this Call.	
3.1.5.	Not open in this Call.	
3.1.6.	Not open in this Call.	
3.1.7.	Not open in this Call.	
3.1.8.	Not open in this Call.	
3.1.9.	Not open in this Call.	

ACTIVITY/ AREA	TOPICS CALLED	FUNDING SCHEMES
Sub-activity 6.3.2. Protection, conservation and enhancement of cultural heritage, including human habitat		
3.2.1.	Not open in this Call.	
3.2.2.	Not open in this Call.	
3.2.3.	Not open in this Call.	
3.2.4.	Not open in this Call.	
Sub-activity 6.3.3. Technology assessment, verification and testing		
3.3.1.	Not open in this Call.	
3.3.2.	Not open in this Call.	
3.3.3.	Not open in this Call.	
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 20 000 000)		
4.1.1.	ENV.2011.4.1.1-1 Integration and optimisation of information for building a Global Carbon Observing System.	<i>Collaborative Project (large scale integrating project) – for specific cooperation actions (SICA) dedicated to international cooperation partner countries</i>
4.1.2.	Not open in this Call.	
4.1.3.	ENV.2011.4.1.3-1 Inter-operable integration of shared Earth Observations in the Global Context.	<i>Collaborative Project (large scale integrating project)</i>
4.1.4.	ENV.2011.4.1.4-1 Developing increased EO capacity for better agriculture and forestry management in Africa.	<i>Collaborative Project (small or medium-scale focused research project) for specific cooperation actions (SICA) dedicated to international cooperation partner countries</i>

ACTIVITY/ AREA	TOPICS CALLED	FUNDING SCHEMES
4.1.4.	ENV.2011.4.1.4-2 Assessing the ecosystem status, including fisheries, within the Mediterranean marine coastal areas of North African countries.	<i>Collaborative Project (small or medium-scale focused research project) for specific cooperation actions (SICA) dedicated to international</i>

		<i>cooperation partner countries</i>
Sub-activity 6.4.2 Forecasting methods and assessment tools for sustainable development taking into account different scales of observation (EUR 13 000 000)		
4.2.1.	ENV.2011.4.2.1-1 Efficiency assessment of environmental policy tools related to sustainability.	<i>Collaborative Project (small or medium-scale focused research project)</i>
4.2.2.	ENV.2011.4.2.2-1 Knowledge brokerage activities for engaging in a "beyond GDP" society.	<i>Collaborative Project (small or medium-scale focused research project). Additional eligibility criterion: The requested EU contribution shall not exceed EUR 1 500 000.</i>
4.2.3.	ENV.2011.4.2.3-1 Community based management of environmental challenges.	<i>Research for the benefit of specific groups – Civil Society Organisations, Additional eligibility criterion: A minimum of one participant from Latin America is required</i>
4.2.3.	ENV.2011.4.2.3-2 Sustainable Consumption and Production at the heart of green growth.	<i>Collaborative Project (small or medium-scale focused research project)</i>
ACTIVITY 6.5. HORIZONTAL ACTIONS		
Sub-activity 6.5.1. Dissemination and horizontal activities (EUR 1 000 000)		
5.1.0.	ENV.2011.5.1.0-1 Uptake of climate related research results through knowledge platforms with African collaboration partners.	<i>Coordination and Support Action (supporting action) Additional eligibility criterion: A minimum of one partner from an EU Member State or Associated Country and two African partners in the consortium is required. This requirement will be applied as eligibility criterion</i>

- **Eligibility conditions:**

The general eligibility criteria are set out in Annex 2 of this work programme, and in the guide for applicants. Please note that the completeness criterion also includes that part B of the proposal shall be readable, accessible and printable.

FP7 Cooperation Work Programme 2011: Environment (including climate change)
Call fiche: ENV-2011

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 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).

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/or minimum number of eligible participants.

Unless otherwise specified in the topic description the following funding thresholds will apply to the FP7-ENV-2011 Call:

Funding scheme	Minimum requested EU contribution	Maximum requested EU contribution	Maximum Number of Project(s)/ Topic
Collaborative Project (small or medium-scale focused research project)	Not fixed	€3 500 000	Up to 2
Collaborative Project (large scale integrating project)	€4 000 000	€7 000 000	Up to 1
Research for the benefit of specific groups – civil society organisations	Not fixed	€2 000 000	Not Fixed
Coordination and Support Action (coordinating action)	Not fixed	€1 000 000	Not fixed
Coordination and Support Action (supporting action)	Not fixed	€1 000 000	Not fixed

- **Evaluation procedure:**

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 below and complemented by annex 2 to 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:

	Minimum threshold
S/T Quality	3/5
Implementation	3/5
Impact	3/5
Overall threshold required	10/15

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:

- 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 December 2010 and January 2011. It is expected that the grant agreement negotiations for the shortlisted proposals will be opened in March 2011.

- **Consortia agreements**

Participants in Collaborative Project (large scale integrating project) 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 under 'Guidance documents/Flat rates for daily allowances'.

- **Dissemination**

Grant agreements of projects financed under this call for proposals will include the special clause 39 on the "Open access Pilot in FP7". This includes the obligation on beneficiaries to ensure free access to peer-reviewed articles resulting from projects via an institutional or subject-based repository.