

Call title: Energy Call Part 1

- **Call identifier:** FP7-ENERGY-2011-1
- **Date of publication:** 20th July 2010
- **Deadline:** 16 November 2010 at 17.00.00, (Brussels local time)¹
- **Indicative budget** ²: EUR 74 million from the 2011 budget³

All budgetary figures given in this work programme are indicative. Following the evaluation of proposals the final budget awarded to actions implemented through calls for proposals may vary:

- by up to 10% of the total value of the indicated budget for this call; and
- the repartition of the sub-budgets awarded within this call, following the evaluation of projects, may also vary by up to 10% of the total value of the indicated budget.

- **Indicative Budget**

	Indicative budget
ENERGY.2.5: CONCENTRATED SOLAR POWER ENERGY 4.: RENEWABLES FOR HEATING	EUR 18 million
ENERGY 2.3: WIND	EUR 5 million
ENERGY.3: RENEWABLE FUEL PRODUCTION	EUR 15 million
ENERGY.5: CO ₂ CAPTURE AND STORAGE TECHNOLOGIES FOR ZERO EMISSION POWER GENERATION ENERGY.6: CLEAN COAL TECHNOLOGIES	EUR 16 million
ENERGY.7: SMART ENERGY NETWORKS	EUR 20 million

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

² A reserve list will be constituted if there are a sufficient number of good quality proposals. It will be used if extra budget becomes available.

³ Under the condition that the draft budget for 2011 is adopted without modification by the budgetary authority.

- **Topics called:**

Activity/ Area	Topics called	Funding Schemes
ACTIVITY ENERGY.2: RENEWABLE ELECTRICITY GENERATION		
AREA ENERGY.2.3: WIND	ENERGY.2011.2.3-2: Development of design tools for Offshore Wind farm clusters	Collaborative Project
AREA ENERGY.2.5: CONCENTRATED SOLAR POWER	ENERGY.2011.2.5-1: Thermal energy storage for CSP plants	Collaborative Project
	ENERGY.2011.2.5-2 Advanced heat transfer fluids for CSP technology	Collaborative Project
ACTIVITY ENERGY.3: RENEWABLE FUEL PRODUCTION		
AREA ENERGY.3.7: CROSS-CUTTING ISSUES	ENERGY.2011.3.7-1: Development of new or improved sustainable bio-energy carriers	Collaborative Project
ACTIVITY ENERGY.4: RENEWABLES FOR HEATING AND COOLING		
AREA ENERGY.4.1: LOW/MEDIUM TEMPERATURE SOLAR THERMAL ENERGY	ENERGY.2011.4.1-1: Revisiting solar-thermal systems for using breakthroughs in scientific and technological fields	Collaborative Project
ACTIVITY ENERGY.5: CO₂ CAPTURE AND STORAGE TECHNOLOGIES FOR ZERO EMISSION POWER GENERATION		
AREA ENERGY.5.1 CO₂ CAPTURE	ENERGY.2011.5.1-1: High-efficiency post-combustion solvent-based capture processes.	Collaborative Project
AREA ENERGY.5.2: CO₂ STORAGE	ENERGY.2011.5.2-1: Understanding the long-term fate of geologically stored CO ₂ .	Collaborative Project
ACTIVITY ENERGY.6: CLEAN COAL TECHNOLOGIES		
AREA ENERGY.6.1: CONVERSION TECHNOLOGIES FOR ZERO EMISSION POWER GENERATION	ENERGY.2011.6.1-1: Optimisation of IGCC technologies for use with high ash content coal	Collaborative project for specific international cooperation action (SICA)
ACTIVITY ENERGY.7: SMART ENERGY NETWORKS		
AREA ENERGY.7.2: PAN-EUROPEAN ENERGY NETWORKS	ENERGY.2011.7.2-1: Innovative tools for the future coordinated and stable operation of the pan-European electricity transmission system	Collaborative Project

	ENERGY.2011.7.2-2: Innovative strategies and tools for the reliability assessment of the pan-European electricity transmission network	Collaborative Project
AREA ENERGY 7.3: CROSS CUTTING ISSUES AND TECHNOLOGIES	ENERGY.2011.7.3-1: Network of projects developing the future European electricity networks	Coordination and Support Action

- **Eligibility conditions**

The eligibility criteria for this call are set out in Annex 2 to the 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.

The minimum number of participating legal entities required, for all funding schemes, is set out in the Rules for Participation. They are summarised in the table below⁴:

Funding scheme	Minimum conditions
Collaborative Project	At least 3 independent legal entities, each of which is established in a MS or AC, and no two of which are established in the same MS or AC.
Coordination and Support Action (coordinating action)	At least 3 independent legal entities, each of which is established in a MS or AC, and no two of which are established in the same MS or AC.
Coordination and Support Action (supporting action)	At least 1 independent legal entity.

Additional eligibility criteria

Collaborative project for specific cooperation Action (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 provinces, oblasts, republics or states of India.
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- 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.

- **Evaluation procedure:**

- The evaluation criteria are set out in Annex 2 to the work programme.

⁴ MS = Member States of the EU; AC = Associated country. Where the minimum conditions for an indirect action are satisfied by a number of legal entities, which together form one legal entity, the latter may be the sole participant, provided that it is established in a Member State or Associated country.

- 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).

- A two stage submission and evaluation procedure will be used.

Evaluation criteria and thresholds for stage 1 proposals:

The first stage proposal should focus on the S&T content and on clear identification of the intended results. Information on the consortium composition and the estimated financial resources involved should also be provided.

Stage 1 proposals are evaluated on the basis of their **S/T quality**

	Minimum threshold
S/T quality	3/5

A list of proposals for 250% of the available budget will be invited to proceed to stage 2 at the condition that they reach the minimum threshold as above. If there is a tie between the proposals with the lowest mark to enter the list of proposals to proceed to stage 2, all those proposals with the same mark will be added to the list.

They will be evaluated remotely with the consensus session being held in Brussels. Stage 1 proposals shall be submitted at the closure date mentioned above.

Coordinators of retained proposals in stage 1 ('go' proposals) will receive an invitation to submit their full proposal instead of an Evaluation Summary Report. The complete proposal will then be evaluated against the entire set of evaluation criteria. The closure date of the second submission will be specified in the invitation to submit the complete proposal. The indicative closure date is 26.04.2011

Evaluation criteria and thresholds for stage 2 proposals:

Stage 2 proposals are evaluated on the basis of the following three criteria: **1. S/T quality; 2. Implementation; 3. Impact**. For each criterion marks from 0 to 5 will be given, with the possibility of half-point scores. Successful proposals must pass the minimum thresholds as follows:

	Minimum threshold
S/T quality	4/5
Implementation	3/5
Impact	3,5/5
Overall threshold required	12/15

The procedure for prioritising proposals with equal scores is described below

At the Panel stage, proposals with equal overall scores will be prioritised, in contrast to Annex 2, according to their scores for the Quality criterion. If they are still tied, they will be

prioritised according to their scores for the Impact criterion. If any proposals are still tied, then overall work programme coverage will be used to decide the priority order.

Topic ENERGY.2011.2.3.2: Development of design tools for Offshore Wind farm clusters: Up to two projects could be funded taking into account the complementarities of possible modelling approaches

Topic ENERGY.2011.2.5-2: Advanced heat transfer fluids for CSP technology: Up to two projects, focusing on different heat transfer fluids, could be funded.

Topic ENERGY.2011.3.7-1: Development of new or improved sustainable bio-energy carriers: Up to three projects focusing on different bioenergy carriers to avoid duplication and maximise impact will be funded.

Topic ENERGY.2011.7.3-1: Network of projects developing the future European electricity networks:

Up to one project may be funded.

Additional information related to the evaluation of the criterion 'Implementation' can be found in the topic descriptions under the heading 'Additional information'.

Proposals will not be evaluated anonymously.

- **Indicative evaluation and contractual timetable:**

- Evaluation stage 1 proposals: December 2010/January 2011
- Evaluation stage 2 proposals: May/June 2011. Evaluation results: estimated to be available within two months after the closure date. A reserve list of projects might be established.

- **Consortia agreements:** Participants in Collaborative Projects are required to conclude a consortium agreement; participants in coordination and support actions are encouraged, but not required, to conclude a consortium agreement.

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

- **Flat rates to cover subsistence costs:**

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". Under this clause, beneficiaries are required to make their best efforts to ensure free access to peer-reviewed articles resulting from projects via an institutional or subject-based repository.