

Call title: Energy Call Part 1

- **Call identifier:** FP7-ENERGY-2010-1
- **Date of publication:** 30th July 2009
- **Deadline:** 15th October 2009 at 17.00.00, (Brussels local time)¹
- **Indicative budget** ²: EUR 54 million from the 2010 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 ⁴
ENERGY.2: RENEWABLE ELECTRICITY GENERATION ENERGY.3: RENEWABLE FUEL PRODUCTION ENERGY.8: ENERGY EFFICIENCY AND SAVINGS	EUR 35 million
ENERGY.5: CO ₂ CAPTURE AND STORAGE TECHNOLOGIES FOR ZERO EMISSION POWER GENERATION ENERGY.7: SMART ENERGY NETWORKS	EUR 19 million

- **Topics called:**

Activity/ Area	Topics called	Funding Schemes
ACTIVITY ENERGY.2: RENEWABLE ELECTRICITY GENERATION		
AREA ENERGY.2.1: PHOTOVOLTAICS	ENERGY.2010.2.1-1: Further development of very thin wafer based c-Si photovoltaics	Collaborative Project
AREA ENERGY.2.3: WIND	ENERGY.2010.2.3-1: Cross-sectoral approach to the development of very large offshore wind turbines	Collaborative Project
AREA ENERGY.2.5: CONCENTRATED SOLAR POWER	ENERGY.2010.2.5-1: Dry-cooling methods for multi-MW sized concentrated solar power plants	Collaborative Project
	ENERGY.2010.2.5-2: Main CSP components for high-temperature operation	Collaborative Project
ACTIVITY ENERGY.3: RENEWABLE FUEL PRODUCTION		
AREA ENERGY.3.5: ALTERNATIVE	ENERGY.2010.3.5-1: Liquid or gaseous fuel production using direct biological	Collaborative Project

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 preliminary draft budget for 2010 is adopted without modification by the budgetary authority.

⁴ 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.

ROUTES TO RENEWABLE FUEL PRODUCTION	conversion of solar radiation	
ACTIVITY ENERGY.5: CO₂ CAPTURE AND STORAGE TECHNOLOGIES FOR ZERO EMISSION POWER GENERATION		
AREA ENERGY.5.1 CO₂ CAPTURE	ENERGY.2010.5.1-1: Demonstration of advanced CO ₂ capture concepts	Collaborative Project
AREA ENERGY.5.2: CO₂ STORAGE	ENERGY.2010.5.2-1: CCS - storage site characterisation	Collaborative Project
	ENERGY.2010.5.2-2: Trans-national cooperation and networking in the field of geological storage of CO ₂	Coordination and Support Action (coordinating action).
	ENERGY.2010.5.2-3: CCS – site abandonment.	Collaborative Project
ACTIVITY ENERGY.7: SMART ENERGY NETWORKS		
AREA ENERGY 7.3: CROSS CUTTING ISSUES AND TECHNOLOGIES	ENERGY.2010.7.3-1: Energy storage systems for power distribution networks.	Collaborative Project
ACTIVITY ENERGY.8: ENERGY EFFICIENCY AND SAVINGS		
AREA ENERGY.8.1: EFFICIENT ENERGY USE IN THE MANUFACTURING INDUSTRY AND BUILDING SECTOR	ENERGY.2010.8.1-1: Valorisation of low temperature heat	Collaborative Project

- **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 below⁵:

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.

⁵ 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.

- The eligibility criteria apply to both first and second stage proposals.

At stage 2, 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 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).

- 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 be invited to submit a complete proposal that will be then 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 11.03.2010.

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.

The following points will be considered in the evaluation

Topic ENERGY.2010.2.1-1: Efficiency and material issues for thin-film photovoltaics:

The active participation of relevant industrial partners, in particular SMEs, is essential to maximise impact of the project.

Topic ENERGY.2010.2.3-1: Cross-sectoral approach to the development of very large offshore wind turbines: The active participation of stakeholders involved in harsh environment industrial developments is essential to achieving the full impact of the project.

Topic ENERGY.2010.2.5-1: Dry-cooling methods for multi-MW sized concentrated solar power plants: The active participation of relevant industrial partners is essential in order to achieve the maximum impact of the project.

Topic ENERGY.2010.2.5-2: Main CSP components for high-temperature operation: The active participation of relevant industrial partners is essential to achieving the full impact of the project.

Topic ENERGY.2010.3.5-1: Liquid or gaseous fuel production using direct biological conversion of solar radiation: The participation of top class research groups from US and Japan could maximise the impact of this precompetitive topic.

Topic ENERGY.2010.5.2-3: CCS – site abandonment. The active participation of relevant partners from the Carbon Sequestration Leadership Forum, in particular the U.S., could add to the scientific and/or technological excellence of the project(s) and/or lead to an increased impact of the research to be undertaken.

Proposals will not be evaluated anonymously.

- **Indicative evaluation and contractual timetable:**

Evaluation stage 1 proposals: November/December 2009

Evaluation stage 2 proposals: March/April 2010. 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. 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'.