

FP7 Cooperation Work Programme: Theme 5 Energy

Call Fiche

Call title: Energy Call Part 2

Call identifier: FP7-ENERGY-2008-TREN-1

Date of publication: 29 April 2008

Deadline: 8 October 2008 at 17.00.00, Brussels local time

Indicative budget: EUR 147 million from the 2008 budget

The budget for this call is indicative. The final budget awarded to this call, following the evaluation of projects, may however vary by up to 10% of the total value of the call. All budgetary figures given in this call are also indicative. The repartition of the sub-budgets awarded within this call, following the evaluation of projects, may vary by up to 10% of the total value of the call.

Activity	Funding Schemes	Indicative Amount (EUR million)
ACTIVITY ENERGY.2: RENEWABLE ELECTRICITY GENERATION	Collaborative projects	EUR 42 million
ACTIVITY ENERGY.3: RENEWABLE FUEL PRODUCTION	Collaborative projects	EUR 35 million
ACTIVITY ENERGY.6: CLEAN COAL TECHNOLOGIES AND ACTIVITY ENERGY.5&6 CROSS-CUTTING ACTIONS	Collaborative projects	EUR 20 million
ACTIVITY ENERGY.7: SMART ENERGY NETWORKS	Collaborative projects and Coordination and Support Actions	EUR 5 million
ACTIVITY ENERGY.8: ENERGY EFFICIENCY AND SAVINGS - AREA ENERGY.8.2: HIGH EFFICIENCY POLY- GENERATION	Collaborative projects	EUR 5 million
ACTIVITY ENERGY.8: ENERGY EFFICIENCY AND SAVINGS – AREA ENERGY 8.4	Collaborative projects	EUR 40 million

Topics called:

Activity/ Area	Topics called	Funding Schemes
ACTIVITY ENERGY.2: RENEWABLE ELECTRICITY GENERATION		
AREA ENERGY.2.1: PHOTOVOLTAICS	ENERGY.2008.2.1.3 : Multiple benefits of PV systems	Collaborative project
AREA ENERGY.2.2: BIOMASS	ENERGY.2008.2.2.2: High-efficiency medium-to-large scale electricity generation from biomass and waste	Collaborative project
AREA ENERGY.2.3: WIND	ENERGY.2008.2.3.1: Demonstration of large scale systems for on- and off-shore wind farms including their cost effective grid integration	Collaborative project
AREA ENERGY.2.4: GEOTHERMAL	ENERGY.2008.2.4.1: Increased electricity production from Enhanced Geothermal Systems and from low enthalpy geothermal sources	Collaborative project
AREA ENERGY.2.5: CONCENTRATED SOLAR POWER	ENERGY.2008.2.5.1.: Improve the environmental profile of the CSP installations	Collaborative project
AREA ENERGY.2.6.: OCEAN	ENERGY.2008.2.6.1. Ocean: demonstration of innovative full size systems	Collaborative project
AREA ENERGY.2.9.: CROSS-CUTTING ISSUES	ENERGY.2008.2.9.1. Storage for intermittent electricity	Collaborative project
ACTIVITY ENERGY.3: RENEWABLE FUEL PRODUCTION		
AREA ENERGY.3.1: FIRST GENERATION BIOFUEL FROM BIOMASS	ENERGY.2008.3.1.1: Biofuels from high moisture content biomass – Biomethane production	Collaborative project

AREA ENERGY.3.2: SECOND GENERATION BIOFUELS FROM BIOMASS	ENERGY.2008.3.2.2.: Bioethanol production from lignocellulosics	Collaborative project
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ACTIVITY ENERGY.6: CLEAN COAL TECHNOLOGIES AND ACTIVITY ENERGY.5&6 CROSS-CUTTING ACTIONS		
AREA ENERGY.6.1: CONVERSION TECHNOLOGIES FOR ZERO EMISSION POWER GENERATION	ENERGY.2008.6.1.1. : Advanced Fluidized Bed Combustion technology	Collaborative project
	ENERGY.2008.6.1.3.: Efficiency Improvement of Oxygen-based combustion	Collaborative project
	ENERGY.2008.6.1.4.: Advanced gas turbines for solid fuel gasification processes	Collaborative project
AREA ENERGY.5&6.1: POWER GENENRATION TECHNOLOGIES FOR INTEGRATED ZERO EMISSION SOLUTIONS	ENERGY.2008.5&6.1.1. : Feasibility and engineering study for development of an integrated solution for a large scale zero emission fossil fuel power plant	Collaborative project
AREA ENERGY.5&6.2: CROSS CUTTING AND REGULATORY ISSUES	Energy.2008.5&6.2.1.: Extending the value chain for GHG emissions other than CO2	Collaborative project

ACTIVITY ENERGY.7: SMART ENERGY NETWORKS		
AREA ENERGY.7.2: PAN-EUROPEAN ENERGY NETWORKS	ENERGY.2008.7.2.3.: Diagnostics, Surveillance, Maintenance and Control of Power Transmission and Grid Connections	Collaborative project
	ENERGY.2008.7.2.4.: Assessment of needs for reliable and flexible future European gas networks	Coordination and Support Action (co-ordination type)

ACTIVITY ENERGY.8: ENERGY EFFICIENCY AND SAVINGS		
AREA ENERGY.8.2: HIGH EFFICIENCY POLY-GENERATION	ENERGY.2008.8.2.1.: High efficiency poly-generation - renewable energies for applications in industry	Collaborative project
AREA ENERGY.8.4:	ENERGY.2008.8.4.1.: CONCERTO communities: the way to the future	Collaborative project

Evaluation procedure:

- The evaluation shall follow a single stage procedure.
- The evaluation criteria (including weights and thresholds) and subcriteria, together with the eligibility, selection and award criteria, for the different funding schemes are set out in Annex 2 to this work programme.
- Proposals will not be evaluated anonymously.
- Ranked lists of proposals will be established for each activity as well as for the CONCERTO related topic in area 8.4. At the Panel stage, proposals with equal overall scores will be prioritised 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, and then by their scores for the Implementation criterion. If any proposals are still tied, then overall Work Programme coverage will be used to decide the priority order. 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.

Indicative evaluation and contractual timetable:

Evaluations are expected to be carried out in November 2008. It is expected that the contract negotiations for the short-listed proposals will start in January 2009 at the earliest.

Consortium 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.

Particular requirements for participation, evaluation and implementation:

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 below¹:

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 (coordination type))	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 (support type)	At least 1 independent legal entity.

- Where required in the topic description, "predominant" demonstration component requires that the elements described in section 5.2 are taken into account.
- Where indicated in the topic description that the participation of SMEs represents an added value or they are particularly welcome the SMEs participation will be considered in the evaluation.
- The evaluation of proposals related to area 8.4 will take into account that the total of Community financial contribution based on scale of unit costs per proposal may not exceed EUR 6 millions for one demonstration site or community (CONCERTO). The evaluation will consider the degree of excellence and innovation of the technology used and the best cost effectiveness (euros/efficiency gain; euros/CO2 reduction; euros/kWh of RES supplied). Not innovative buildings measures, not innovative integration of PV, not innovative integration of solar collectors or not innovative RES technology will not be eligible.

Forms of grant:

The forms of grant and maximum reimbursement rates which will be offered are specified in Annex 3 to the Cooperation work programme. The specific application of flat rates is described in Area 8.4.

¹ 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.