FP7 Cooperation Work Programme: Theme 5 – Energy

Call fiche

Call title: Energy Call Part 2

Call identifier: FP7-ENERGY-2007-2-TREN

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Deadline: 28 June 2007 at 17.00, Brussels local time

Indicative budget [1]***:*** 128 M€ from the 2007 budget

Topics called:

Activity/ Area	Topics called	Funding Schemes
ACTIVITY ENERGY.2: RENEWABLE ELECTRICITY GENERATION		
AREA ENERGY.2.1: PHOTOVOLTAICS	Topic ENERGY.2007.2.1.7: Secure, reliable and affordable supply of feedstock for the PV industry	Coordination and Support Action (support type)
	Topic ENERGY.2007.2.1.8: Improved production equipment and cost reduction	Collaborative project
	Topic ENERGY.2007.2.1.9: Innovative/improved PV manufacturing processes	Collaborative project
	Topic ENERGY.2007.2.1.10: Development and demonstration of standardized building components	Collaborative project
	Topic ENERGY.2007.2.1.11: Multiple benefits of PV systems	Collaborative project
AREA ENERGY.2.2: BIOMASS	Topic ENERGY.2007.2.2.4: Large-scale co-firing	Collaborative project
	Topic ENERGY.2007.2.2.5: Novel solid biofuels for electricity generation	Collaborative project
	Topic ENERGY.2007.2.2.6: High-efficiency medium-to-large scale electricity generation from biomass	Collaborative project

[1] Any increase/variation inferior to 10% of this amount will not be considered substantial and will not require a modification of this Work Programme. 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.

AREA ENERGY.2.3: WIND	Topic ENERGY.2007.2.3.4: Demonstration of large scale systems for on-and off-shore wind farms	Collaborative project
	Topic ENERGY.2007.2.3.5: Integration of wind power into the European power system	Collaborative project
	Topic ENERGY.2007.2.3.6: Wind mapping for offshore applications	Collaborative project
AREA ENERGY.2.5: CONCENTRATED SOLAR POWER	Topic ENERGY.2007.2.5.3: Low cost, high efficiency daily storage systems	Collaborative project
	Topic ENERGY.2007.2.5.4: Improve the environmental profile of the CSP installations	Collaborative project
	Topic ENERGY.2007.2.5.5: CSP: Innovative heat transfer concepts	Collaborative project
	Topic ENERGY.2007.2.5.6: Intermediate size, lower concentration ratio CSP systems	Collaborative project
ACTIVITY ENERGY.3: RENEWABLE FUEL PRODUCTION		
AREA ENERGY.3.1: FIRST GENERATION BIOFUEL FROM BIOMASS	Topic ENERGY.2007.3.1.1: Bioethanol from sugar and starch crops	Collaborative project
	Topic ENERGY.2007.3.1.2: Biodiesel from oil crops, animal tallow and used cooking oils	Collaborative project
AREA ENERGY.3.2: SECOND GENERATION FUEL FROM BIOMASS	Topic ENERGY.2007.3.2.5: Synthetic biofuels via gasification	Collaborative project
	Topic ENERGY.2007.3.2.6: Hydrogenation of oils and fats	Collaborative project
AREA ENERGY.3.6: BIOFUEL USE IN TRANSPORT	Topic ENERGY.2007.3.6.1: Demonstration of liquid and gaseous biofuels use in transport/ vehicles	Collaborative project

AREA ENERGY.3.7: CROSS-CUTTING ISSUES	Topic ENERGY.2007.3.7.3: Standardisation and sustainability issues	Coordination and Support Action (support type)
	Topic ENERGY.2007.3.7.4: Promotion and dissemination	Coordination and Support Action (support type)
ACTIVITY ENERGY.4: RENEWABLES FOR HEATING AND COOLING		
AREA ENERGY.4.1: LOW/MEDIUM TEMPERATURE SOLAR THERMAL ENERGY	Topic ENERGY.2007.4.1.1: Collector design and components	Collaborative project
	Topic ENERGY.2007.4.1.2: Small scale thermal cooling units	Collaborative project
	Topic ENERGY.2007.4.1.3: Small distributed systems for seawater desalination	Collaborative project
	Topic ENERGY.2007.4.1.4: Large scale systems for industrial heat processes	Collaborative project
AREA ENERGY.4.3: GEOTHERMAL ENERGY	Topic ENERGY.2007.4.3.1: Improved ground source heat pumps	Collaborative project
	Topic ENERGY.2007.4.3.2: Improved underground systems	Collaborative project
AREA ENERGY.4.4: CROSS-CUTTING ISSUES	Topic ENERGY.2007.4.4.1: Advanced compact storage systems	Collaborative project
ACTIVITY ENERGY.6: CLEAN COAL TECHNOLOGIES		
AREA ENERGY.6.1: CONVERSION TECHNOLOGIES FOR ZERO EMISSION POWER GENERATION	Topic ENERGY.2007.6.1.1: Solid fuel gasification development – improvement of gasifier technologies	Collaborative project
AREA ENERGY.6.2: COAL-BASED POLY-GENERATION	Topic ENERGY.2007.6.2.1: Poly-generation concepts for coal fired power plants	Collaborative project

CROSS-CUTTING ACTIONS BETWEEN ACTIVITIES ENERGY.5 AND ENERGY.6 (Activity ENERGY.5&6)		
AREA ENERGY.5&6.2: CROSS CUTTING AND REGULATORY ISSUES	Topic ENERGY.2007.5&6.2.2: Support to regulatory activities for zero emission power generation	Coordination and Support Action (support type)
	Topic ENERGY.2007.5&6.2.4: Initiating a CO2 value chain in the energy sector using early opportunities	Collaborative project
	Topic ENERGY.2007.5&6.2.5: Extending the value chain for GHG emissions other than CO2 associated with coal production and use	Collaborative project
ACTIVITY ENERGY.7: SMART ENERGY NETWORKS		
AREA ENERGY.7.3: CROSS CUTTING ISSUES AND TECHNOLOGIES	Topic ENERGY.2007.7.3.4: Analysis and scenarios of energy infrastructure evolution	Collaborative project
	Topic ENERGY.2007.7.3.5: More efficient integration of renewable energy into future infrastructures	Collaborative project
ACTIVITY ENERGY.8: ENERGY EFFICIENCY AND SAVINGS		
AREA ENERGY.8.1: EFFICIENT ENERGY USE IN THE MANUFACTURING INDUSTRY	Topic ENERGY.2007.8.1.1: Manufacturing industry: wastes and waste heat recovery and transfer	Collaborative project
	Topic ENERGY.2007.8.1.2: Manufacturing industry: SMEs energy innovation	Collaborative project
	Topic ENERGY.2007.8.1.3: Manufacturing industry: Innovative energy efficient manufacturing processes	Collaborative project
AREA ENERGY.8.2: HIGH EFFICIENCY POLY-GENERATION	Topic ENERGY.2007.8.2.1: High efficiency poly-generation - applications with renewable energies	Collaborative project

AREA ENERGY.8.5: INNOVATIVE STRATEGIES FOR CLEAN URBAN TRANSPORT: CIVITAS-PLUS	Topic ENERGY.2007.8.5.1: Testing innovative strategies for clean urban transport	Collaborative project
AREA ENERGY.8.6: SOCIO-ECONOMIC RESEARCH AND INNOVATION	Topic ENERGY.2007.8.6.1: Support action for evaluation and monitoring CIVITAS-Plus	Coordination and Support Action (support type)
AREA ENERGY.8.7: THEMATIC PROMOTION AND DISSEMINATION	Topic ENERGY.2007.8.7.1: Promotion and dissemination	Coordination and Support Action (support type)
	Topic ENERGY.2007.8.7.2: Support action for coordination and dissemination CIVITAS-Plus	Coordination and Support Action (support type)
ACTIVITY ENERGY.9: KNOWLEDGE FOR ENERGY POLICY MAKING		
AREA ENERGY.9.2: SCIENTIFIC SUPPORT TO POLICY	Topic ENERGY.2007.9.2.2: Energy technology watch	Coordination and support action (support type)

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.
- 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.

Indicative evaluation and contractual timetable:

Evaluations are expected to be carried out in September 2007. It is expected that the contract negotiations for the short-listed proposals will open by November 2007.

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 below[2]:

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.

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.

[2] 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