

**Call(s) for proposals for indirect RTD actions under the specific programme for research, technological development and demonstration: 'Integrating and strengthening the European Research Area'**

**Thematic priority area: 'Aeronautics and Space', 'Sustainable Energy Systems' and 'Sustainable Surface Transport'**

**Call identifier: FP6-2005-TREN-4-Aero/FP6-2005-TREN-4**

(2005/C 168/16)

1. In accordance with Decision No 1513/2002/EC of the European Parliament and of the Council, of 27 June 2002, concerning the sixth framework programme of the European Community for research, technological development and demonstration activities contributing to the creation of the European Research Area and to innovation (2002 to 2006) <sup>(1)</sup>, the Council adopted on 30 September 2002 the specific programme for research, technological development and demonstration: 'Integrating and strengthening the European Research Area' (2002-2006) <sup>(2)</sup> (referred to as 'the specific programme').

In accordance with Article 5(1) of the specific programme, the Commission of the European Communities (referred to as 'the Commission') has adopted on 9 December 2002 a work programme <sup>(3)</sup> (referred to as 'the work programme') setting out in greater detail the objectives and scientific and technological priorities of the specific programme, and the timetable for implementation.

In accordance with Article 9(1) of the Regulation of the European Parliament and of the Council, of 16 December 2002, concerning the rules for the participation of undertakings, research centres and universities in, and for the dissemination of research results for, the implementation of the European Community Sixth Framework Programme (2002 to 2006) <sup>(4)</sup> (referred to as 'the rules for participation'), proposals for indirect RTD actions should be submitted under the terms of calls for proposals.

2. The present call(s) for proposals for indirect RTD actions (referred to as 'the call(s)') comprise(s) the present general part and the specific conditions that are described in the annex(es). The annex(es) indicate(s) in particular, the date(s) of closure for the submission of proposals for indirect RTD actions, an indicative date for the completion of the evaluations, the indicative budget, the instruments and the areas concerned, the evaluation criteria for the evaluation of proposals for indirect RTD actions, the minimum number of participants, and any applicable restrictions.

<sup>(1)</sup> OJ L 232, 29.8.2002, p. 1.

<sup>(2)</sup> OJ L 24, 29.10.2002, p. 1.

<sup>(3)</sup> Commission Decision C(2002)4789, as modified by C(2003)577, C(2003)955, C(2003)1952, C(2003)343, C(2003)3555, C(2003)4609, C(2003)5183, C(2004)433, C(2004)2002, C(2004)2727, C(2004)324, C(2004)4178, C(2004)5286, C(2005)27, C(2005)961, and C(2005)2076, all decisions unpublished.

<sup>(4)</sup> OJ L 355, 30.12.2002, p. 23.

3. Natural or legal persons fulfilling the conditions stated in the rules for participation and that do not fall under any of the exclusion cases in the rules for participation or in Article 114(2) of the Council Regulation (EC, Euratom) No 1605/2002 of 25 June 2002 on the Financial Regulation applicable to the general budget of the European Communities <sup>(5)</sup> (referred to as 'the proposers') are invited to submit to the Commission proposals for indirect RTD actions subject to the conditions in the rules for participation and in the call concerned being fulfilled.

The conditions of participation of the proposers will be verified within the framework of the negotiation of the indirect RTD action. Before that however, proposers will have signed a declaration stating that they do not fall under any of the cases given by Article 93(1) of the Financial Regulation. They will also have given the Commission the information listed in Article 173(2) of the Commission Regulation (EC, Euratom) No 2342/2002, of 23 December 2002, laying down detailed rules for the implementation of Council Regulation (EC, Euratom) No 1605/2002 on the Financial Regulation applicable to the general budget of the European Communities <sup>(6)</sup>.

The European Community has adopted an equal opportunities policy and, on this basis, women are particularly encouraged to either submit proposals for indirect RTD actions or participate in the submission of proposals for indirect RTD actions.

4. The Commission makes available to proposers guides for proposers relating to the call(s) which contain information on the preparation and the submission of a proposal for an indirect RTD action. The Commission also makes available Guidelines on Proposal Evaluation and Selection Procedures <sup>(7)</sup>. These guides and guidelines, as well as the work programme and other information relating to the call(s), can be obtained from the Commission via the following addresses:

European Commission  
The FP6 Information Desk (A1/CCR)  
Directorate General TREN  
B-1049 Brussels  
E-mail address: TREN-FP6@cec.eu.int  
Internet address: www.cordis.lu/fp6

<sup>(5)</sup> OJ L 248, of 16.9.2002, p. 1.

<sup>(6)</sup> OJ L 357, of 31.12.2002, p. 1.

<sup>(7)</sup> C(2003)883 of 27.3.2003, as last modified by C(2004)1855 of 18.5.2004.

5. Proposals for indirect RTD actions are invited to be submitted only as an electronic proposal via the web-based Electronic Proposal Submission System (EPSS<sup>(1)</sup>). In exceptional cases, however, a co-ordinator may request permission from the Commission to submit on paper in advance of a call deadline. This should be done by writing to one of the following addresses:

European Commission  
Directorate General TREN  
Unit A1/CCR  
B-1049 Brussels

or [TREN-FP6@cec.eu.int](mailto:TREN-FP6@cec.eu.int). The request must be accompanied by an explanation of why the exception is being sought. Proposers wishing to use paper submission take the responsibility for ensuring that such requests for exemption and the associated procedures are completed in time for them to meet the call deadline.

All proposals for indirect RTD actions must contain two parts: the forms (Part A) and the content (Part B).

Proposals for indirect RTD actions may be prepared off-line or on-line and submitted on-line. Part B of proposals for indirect RTD actions can only be submitted in PDF ('portable document format', compatible with Adobe Version 3 or higher with embedded fonts). Compressed ('zipped') files will be excluded.

The EPSS software tool (for off-line or on-line usage) is available via the Cordis website [www.cordis.lu](http://www.cordis.lu).

Proposals for indirect RTD actions that are submitted on-line and which are incomplete, illegible or contain viruses will be excluded.

Versions of proposals for indirect RTD actions submitted on a removable electronic storage medium (eg, CD-ROM, diskette), by email or by fax will be excluded.

Any proposal for indirect RTD actions that has been allowed to be submitted on paper and which is incomplete will be excluded.

Further details on the various proposal submission procedures are given in Annex J of the Guidelines on Proposal Evaluation and Selection Procedures.

6. Proposals for indirect RTD actions have to reach the Commission at the latest on the closure date and at the time specified in the call concerned. Proposals for indirect RTD actions arriving after this date and time will be excluded.

Proposals for indirect RTD actions not satisfying the conditions relating to the minimum number of participants indicated in the call concerned will be excluded.

This also applies regarding any additional eligibility criteria given in the work programme.

7. In the case of successive submissions of the same proposal for an indirect RTD action, the Commission will examine the last version received before the closure date and time specified in the call concerned.

8. If foreseen in the relevant call, proposals for indirect RTD actions could be evaluated in the framework of a future evaluation.

9. In all correspondence relating to a call (e.g. when requesting information, or submitting a proposal for an indirect RTD action), proposers are invited to cite the relevant call identifier.

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<sup>(1)</sup> The EPSS is a tool to assist proposers to develop and submit their proposals electronically.

## ANNEX

1. **Specific Programme:** Integrating and strengthening the European Research Area
2. **Activities:**
  - Priority thematic area of research 'Aeronautics and Space'.
  - Priority thematic area of research 'Sustainable development, global change and ecosystems'. Sub-priority 'Sustainable energy systems'
  - Priority thematic area of research 'Sustainable development, global change and ecosystems'. Sub-priority 'Sustainable surface transport'
3. **Call title:** Periodic call in the area of 'Aeronautics and Space', 'Sustainable energy systems' and 'Sustainable surface transport'.
4. **Call identifier:** **FP6-2005-TREN-4-Aero** (for 'Aeronautics and Space')/**FP6-2005-TREN-4** (for 'Sustainable energy systems' and 'Sustainable surface transport').
5. **Date of publication:** 8 July 2005.
6. **Closure date(s):** 4 November 2005 at 17.00 (Brussels local time) (for 'Aeronautics and Space') and 22 December 2005 at 17.00 (Brussels local time) (for 'Sustainable energy systems' and 'Sustainable surface transport').
7. **Total indicative budget:**

EUR 214 million, broken down as follows

  - 'Aeronautics and space': EUR 53 million
  - 'Sustainable energy systems': EUR 125 million
  - 'Sustainable surface transport': EUR 36 million

Instrument (*)	EUR (millions)
IP	139
STREP or CA	75
SSA	

(\*) IP = Integrated project; STREP = Specific targeted research project; CA = Coordination action; SSA = Specific support action.

8. **Areas called and Instruments:**

- Aeronautics and Space

Area	Topic	Instrument
Open Upstream Research (See Section 1.3.1.4.)	Reduced separation standards Research Domain 4.c	STREP
	Innovative air traffic management research Research Domain 4.g	STREP
	Co-ordination Action Research Domain 4.h	CA
	Air Transport System Wide Information Management Research Domain 4.j	STREP
	ATM Safety regulation and supervisory functions Research Domain 4.k	STREP
	Mitigating capacity constraints due to Wake vortex Research Domain 4.l	STREP
	Environmentally responsible air transport Research Domain 4.m	STREP
1.3.2 Integrated Focused Down-stream Research	Subject 13. Improvement of ATM system processes through validation	IP

## — Sustainable energy systems

Area	Topic	Instrument
Section 6.1.3.1.1.1 'Cost effective supply of renewable energies'	Demonstrations of innovative designs of automated biomass heating systems	STREP
	Solar heating and cooling	STREP
	Geothermal energy	STREP
	Innovative wind farms, components and design tools	STREP
	Demonstrations of the next generation of PV technologies/products	STREP
	Ocean/marine energy technologies	STREP
	All	CA, SSA
Section 6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency' and Section 6.1.3.1.2.2 'Polygeneration'	Grid issues — Distributed electricity generation	STREP, CA and SSA
	Grid issues — Management of electricity grids linked to large scale decentralised wind power generation	STREP, CA and SSA
Section 6.1.3.1.2.1 'Eco-buildings'	Eco-buildings	STREP
Section 6.1.3.1.2.2 'Polygeneration'	Polygeneration	STREP
Section 6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency'	CONCERTO II- Managing energy demand and renewable energy supply in high performance communities	IP
Section 6.1.3.1.2.1 'Eco-buildings'		
Section 6.1.3.1.2.2 'Polygeneration'		
Section 6.1.3.1. 'Thematic promotion and dissemination'	Renewable electricity technologies	SSA
	Renewable heating and cooling technologies	SSA
	Production and distribution of liquid and gaseous biofuels	SSA
	Eco-buildings	SSA
	Polygeneration	SSA
	Energy demand management and renewable energy supply in high performance communities	SSA
	Alternative motor fuels	SSA
Section 6.1.3.1.3 'Alternative Motor fuels'	CIVITAS Dissemination and Best Practice Transfer Action	SSA

## — Sustainable surface transport

Area	Topic	Instrument
Objective 1 'New technologies and concepts for all surface transport modes (road, rail and waterborne)'	CIVITAS Dissemination and Best Practice Transfer Action	SSA
Objective 3 'Re-balancing and integrating different transport modes'	New concepts for trans-European rail freight services	IP
	Motorways of the sea (MoS)	IP
	EU co-ordination and promotion forum on intermodal passenger travel	CA
	Knowledge base for intermodal passenger travel	STREP
Objective 4 'Increasing road, rail and waterborne safety and avoiding traffic congestion'	Improve infrastructure cost allocation methods	STREP
	Design appropriate contractual relationships	STREP

9. **Minimum number of participants** <sup>(1)</sup>:

Instrument	Minimum number of participants
IP, STREP and CA	3 independent legal entities from 3 different MS or AS, with at least 2 MS or ACC
SSA	One legal entity from a MS or AS.

10. **Restriction on participation:** None.11. **Consortia agreements:**

- Participants in IP are required to conclude a consortium agreement.
- Participants in STREP, CA and SSA resulting from this call are encouraged, and may be required, to conclude a consortium agreement.

12. **Evaluation procedure:**

- The evaluation shall follow a single stage procedure.
- Proposals will not be evaluated anonymously.

13. **Evaluation criteria:** See Annex B of the work programme for the applicable criteria (including their individual weights and thresholds and the overall threshold) per instrument.14. **Indicative evaluation and contractual timetable:**

- Evaluation results: estimated to be available within some 3 — 4 months after the closure date;
- Conclusion of first contracts: it is estimated that the first contracts related to this call will come into force 10 months after the closure date.

15. **Additional terms:**

- It is expected that this call should not result in more than 60 to 70 projects.

<sup>(1)</sup> MS = Member States of the EU; AS (incl. ACC) = Associated States; ACC = Associated candidate countries.  
Any legal entity established in a Member State or Associated State and which is made up of the requested number of participant may be the sole participant in an indirect action.