



CENTRE NATIONAL
DE LA RECHERCHE
SCIENTIFIQUE

Direction des Affaires européennes
Bureau de Bruxelles

Synthèse des appels du 7^e PCRD impliquant un volet coopération internationale appels publiés fin novembre 2007

Nous reprenons ici la liste des appels avec leur titre. Nous renvoyons les lecteurs au site CORDIS pour les descriptions détaillées. Il faut notamment lire attentivement les programmes de travail. Nous avons laissé les descriptions en anglais étant donné que l'ensemble des informations de la Commission européenne est dans cette langue.

◆ Programme Coopération

○ Health

Pas d'appel particulier.

○ Food, Agriculture and Fisheries, Biotechnology

Identifier: FP7-KBBE-2008-2B

Publication date: 30 November 2007

Budget: € 96 850 000

Deadline: 26 February 2008 at 17:00:00 (Brussels local time)

Specific International Co-operation Actions (SICA) and other funding schemes with mandatory Third Countries participation and joint projects with Third Countries:

KBBE-2008-1-2-05	Improved agro-forestry systems for sustainable farming	3 ICPC (with a special focus on the poorest countries) among which minimum 2 from Africa
KBBE-2008-1-3-02	Foot-and-Mouth disease: improve and/or develop vaccine, vaccination strategies and diagnostics assays for free and endemic settings	2 ICPC where FMD is endemic
KBBE-2008-1-4-08	Characterisation and valorisation of Andean soil microbial diversity to support sustainable crop production and agro-ecosystems	2 ICPC Latin America (Andean Region)
KBBE-2008-2-2-02	Bioactive compounds in traditional food products	2 ICPC from Black Sea region
KBBE-2008-2-2-03	Obesity prevention in the Mediterranean Area	2 ICPC from Mediterranean partner countries
KBBE-2008-3-1-02	Sweet Sorghum – An alternative energy crop for biofuel production in semi-arid	2 Latin America, 1 India, 1 South Africa

Synthèse des appels 'coopération internationale'

	and temperate regions	
KBBE-2008-3-1-04	Plant-produced Vaccines	2 Russia – Coordinated co-funded project with Russian participants
KBBE-2008-3-2-01	Molecular modelling for rational design of industrial enzymes	2 Russia – Coordinated co-funded project with Russian participants
KBBE-2008-3-3-01	Upgrading of wood, wood-related residues and humic-origin substances to added-value chemicals and materials: from biological understanding to innovative application	2 Russia
KBBE-2008-4-01	Network of Third Countries National Information Points	ICPC and countries with EC bilateral S&T agreement

Other topics with an important international co-operation dimension:

KBBE-2008-1-2-01	Development of appropriate indicators of the relationship between organic/low-input farming and biodiversity	Study of the adaptability of those indicators in agro-ecological situations of ICPC (particularly developing countries) is encouraged
KBBE-2008-1-2-02	New and converging technologies for Precision Livestock Farming in European animal production systems	ICPC
KBBE-2008-1-2-06	Forecasting forest diversity under the influence of climatic changes and the consequences for stability and productivity of forest ecosystems	ICPC
KBBE-2008-1-2-07	Forest energy - Short rotation forestry as a sustainable and eco-efficient land use management system for fossil fuels substitution within CDM-projects	ICPC
KBBE-2008-1-3-03	Improve tools and strategies for the prevention and control of classical swine fever	Third countries where CSF is present
KBBE-2008-1-4-02	Deep sea fisheries management	ICPC
KBBE-2008-1-4-05	Macroeconomic analysis of competitiveness, including non-tariff barriers	Argentina, Australia, Brazil, Canada, China, India, United States, Russia, New Zealand, Japan
KBBE-2008-3-1-01	Plant Natural products	US
KBBE-2008-3-2-05	Life cycle analysis and socioeconomic assessment of integrated biorefineries	US, Canada and South Africa
KBBE-2008-3-2-07	Industrially relevant products and processes from marine biotechnology	US

○ **Information & communication technologies**

Pas d'appel ouvert en cours

○ **Nanosciences, nanotechnologies, materials & new production technologies**

Les différentes lignes d'appels NMP sont fonction du type de projet et ne reflètent pas les différents thèmes.

Synthèse des appels 'coopération internationale'

NMP-2008-1.3-2	Impact of engineered nanoparticles on health and the environment	This topic is well suited for cooperation with research teams from non-EU countries, such as with the USA, Canada, Japan, Korea, Australia and New Zealand, and with ICPC. EU funding is foreseen within the present call only for ICPC, such as Brazil, China, India, Mexico, Russia or South-Africa.
NMP-2008-2.6-1	Novel materials for energy applications (Joint Call with Theme 5 – Topic ENERGY-2008.10.1.2)	This Joint call is particularly well suited for cooperation with top class research groups from Third Countries, in particular Emerging Economies and Industrialised countries, which can help ensure a wider impact. Projects under this call shall have a maximum requested EC contribution of EUR 3 Million. This is an eligibility criterion.
NMP-2008-2.6-2	Computational Material Science - Coordinated Call with India	For each project, the maximum EC funding requested must not exceed EUR 1 million. Proposals which do not include coordination with an Indian project will be considered ineligible
NMP-2008-2.6-3	Coordinated actions with Materials researchers in major world regions	priority will be given to proposals involving a balanced participation of partners from Europe and from the targeted world region. In the case of USA, Japan, Russia, China, India and Brazil, each country can already be considered as a world region
NMP-2008-3.2-3	Coordination and support of inter-regional manufacturing communities following IMS strategy update	As an eligibility criterion, the consortia must include partners at least from two other IMS countries/regions. Collaboration with the ICT theme will be ensured.
NMP-2008-3.3-1	Supply chain integration and real-time decision making in non-hierarchical manufacturing networks	To ensure a wide industrial impact, the developed solutions should rely on and contribute to international standards; (ii) this topic is well suited for international collaboration, in particular within the IMS scheme

○ **Energy**

Identifier: FP7-ENERGY-2008-1

Publication date: 30 November 2007

Budget: € 26 300 000

Deadline(s): 26 February 2008 at 17:00:00 (Brussels local time) 29 May 2008 at 17:00:00 (Brussels local time) - Stage 2 (only for proposals retained at stage 1)

In call FP7-ENERGY-2008-1 a specific budget will be dedicated to SICAs, avoiding direct competition with the other proposals submitted in the same call. Special participation rules apply to Specific International Cooperation Actions – these are explained in the topic description only when they are different from the normal participation rules.

Topics for proposals for Specific International Cooperation Actions (SICA):

ENERGY.2008.2.1.1	Enhancing strategic international cooperation initiatives in the field of concentration photovoltaics	<i>(Mediterranean Partner Countries)</i> This topic is also particularly well suited for cooperation with entities from United States and Australia, which can help maximising its impact. Mediterranean Partner Countries may receive a Community financial contribution. A maximum of one project will be financed under this topic.
ENERGY.2008.3.2.1	Enhancing international cooperation between the EU and Latin America in the field of biofuels	<i>(Latin America)</i> At least four legal entities must participate, two from EU Member States or Associated Countries, and two from Latin America. Key players in the consortium should have a proven track record of EU-LA collaboration.
ENERGY.2008.5.2.1	CO2 Capture and Storage – Capacity building with the large emerging economies	<i>(large emerging economies members of CSLF)</i> The typical consortium should be a well balanced partnership between institutions of the EU and of the large emerging economy members of the Carbon Sequestration Leadership forum. The participation of institutions from developed countries also members of the CSLF is encouraged.
ENERGY.2008.5.2.4	Development of a suitable methodology for the qualification of deep saline aquifers for CO2 storage	Cooperation is encouraged with organisations from the member countries of the Carbon Sequestration Leadership Forum.

Identifier: FP7-ENERGY-2008-RUSSIA

Publication date: 30 November 2007

Budget: € 4 000 000

Deadline: 26 February 2008 at 17:00:00 (Brussels local time)

The European Commission and the Federal Agency for Science and Innovation of the Russian Federation jointly agreed to co-fund two projects (one per topic) on the topics below:

ENERGY.2008.2.2.1	Enhancing strategic international cooperation with Russia in the field of power generation from biomass	The typical consortium should be a partnership between EU and Russian teams. In order to ensure a balance between EU and Russian participants a minimum number of two participants established in Russia is requested. This is an eligibility criterion. Participants being established in the EU or in an associated country may jointly receive up to EUR 2 million from the European Commission and the Russian partners may jointly receive up to EUR 2 million from the Federal Agency for Science and Innovation. The project duration is normally 3 years
ENERGY.2008.7.2.1	Innovative operational and monitoring tools for large power Systems	The typical consortium should be a partnership between EU and Russian teams. In order to ensure a balance between EU and Russian participants a minimum number of two participants established in

		Russia is requested. This is an eligibility criterion. The funding of all participants will follow the rules established for the Energy EU-Russia Call. Participants being established in the EU or in an associated country may jointly receive up to EUR 2 million from the European Community and Russian partners may jointly receive up to EUR 2 million from the Federal Agency for Science and Innovation. The project duration is normally 3 years.
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o **Environment (including Climate Change)**

Identifier: FP7-ENV-2008-1

Publication date: 30 November 2007

Budget: € 212 000 000

Deadline: 25 February 2008 at 17:00:00 (Brussels local time)

The Specific International Co-operation Actions (SICA) included in this work programme are:

ENV.2008.1.1.5.1	Addressing deforestation in tropical areas: Greenhouse gas emissions, socio-economic drivers and impacts, and policy options for emissions reduction
ENV.2008.1.1.6.1	Impacts of Himalayan glaciers retreat and monsoon pattern change on the water resources in Northern India, and adaptation strategies
ENV.2008.4.1.4.1	Developing necessary research activities for capacity building relevant to Earth Observation and GEO in the Black Sea basin

All topics in this work programme are open to international cooperation. In addition to the SICA topics identified above, several other topics have been specifically highlighted as being research areas which are particularly well suited for international cooperation. For these topics, the inclusion of (a) relevant international partner(s) could add to the scientific and/ or technological excellence of the project and/ or lead to an increased impact of the research to be undertaken. These aspects will be considered specifically during the evaluation of the following topics concerned:

ENV.2008.1.1.1.1	Sea-Level Rise: Trends in contributions from continental ice, processes and links to climate change
ENV.2008.1.1.6.3	Multiple pathway analysis of emerging economies in a post-Kyoto regime engaging the emerging economies for climate protection

An analysis of how the emerging economies can be engaged in a portfolio of climate protection policies with regard to post-2012 regime building. This work should take into account the geographic specifications and socio-economic conditions of different countries, as well as institutional platforms for cooperation between the emerging economies and industrialised countries:

ENV.2008.1.2.1.1	Health impacts of exposure to radiofrequency fields in childhood and adolescence	
ENV.2008.1.2.1.2	Comparison of health risks in populations in the Arctic and selected areas in Europe due to the spreading of contaminants resulting from climate change	
ENV.2008.1.2.1.4	New, improved and validated biomarkers to investigate long-term health impacts of exposure to environmental pollutants	

Synthèse des appels 'coopération internationale'

ENV.2008.1.3.1.1	Development of a common methodology and tools to evaluate earthquake hazard in Europe	Participation of countries from the southern Mediterranean area is encouraged.
ENV.2008.1.3.3.1	Prediction of triggering and risk assessment for landslides	
ENV.2008.2.1.2.2	Clustering River Basins Twinning Initiatives and knowledge transfer	
ENV.2008.2.1.3.1	Assessment of methods to combat desertification	
ENV.2008.3.2.1.1	Development and application of methodologies, technologies, models and tools for damage assessment, monitoring and adaptation to climate change impacts (excluding extreme events)	The project should be based on specific case studies preferentially based on World Heritage Sites located in particular in Europe, in the Mediterranean area and in other areas sensitive to climate change impacts. International cooperation, particularly with Mediterranean partner countries is requested
ENV.2008.3.3.3.1	Harmonised approaches towards the development of international technology verification systems	The aim of this coordination action is to support, integrate and coordinate previous and on-going European RTD efforts with existing and fully operating technology verification systems outside the EU (e.g. the US, Canada, Japan, Korea, Singapore, etc.), with the ultimate goal of developing a framework for international cooperation and mutual recognition. The topic is open to all countries outside the EU having an established (or wishing to establish) an Environmental Technology Verification system.
ENV.2008.5.1.0.2	Research excellence and major infrastructure in Russia and potential for S&T co-operation with EU partners in the area of the environment	The activity should be carried out in close contact with the Russian National Contact Point Coordinator or with other relevant and acknowledged Russian research management structures. The participation or close association of a Russian partner(s) in the consortium is necessary. This requirement will be applied as an eligibility criteria.

○ **Transport (including aeronautics)**

Identifier: FP7-SST-2008-RTD-1

Publication date: 30 November 2007

Synthèse des appels 'coopération internationale'

Budget: € 102 220 000

Deadline: 07 May 2008 at 17:00:00 (Brussels local time)

The strategy for International Cooperation for Surface Transport System is reinforced in 2008 by a third pillar addressing "global challenges". International Cooperation activities may be:

1. Specific to a sector or technological area aiming at enhancing European industrial competitiveness;
2. Specific to a region aiming at supporting Developing Countries through research;
3. Addressing global challenges through research by mutual cooperation with ICPC patterns.

SST.2008.1.2.1	Preventive and emergency interventions to protect marine, coastal and land environments	International Cooperation with USA, Russia and Japan is suggested in particular for underwater interventions
SST.2008.2.5.1	Interoperable rolling stock	International Cooperation is suggested with Russia for interoperability between different track-gauges.
SST.2008.3.1.1	New mobility concepts for passengers ensuring accessibility for all	International Cooperation with industrialised countries is suggested for accessibility and social inclusion problems in relation to population ageing and disabled.
SST.2008.3.1.6	Transport planning and traffic information systems in cities	SICA - Brazil / China The research aims at mobility management in fast growing urban areas in the emerging Economies like Brazil or China.
SST.2008.3.1.7	Large event mobility management (especially in big cities)	SICA - India/ South Africa
SST.2008.4.1.4	Road safety of vulnerable road users in emerging economies	SICA - India/Brazil/ South Africa The aim of the research will be to define and develop requirements and tools for protecting vulnerable road users, under special consideration of infrastructure design and land-use planning in emerging economies like India, Brazil and/or South Africa.
SST.2008.5.1.1	Advanced and cost effective infrastructure construction, maintenance and monitoring	International cooperation with European neighbour states will be encouraged.
SST.2008.6.2	Stimulation of International Cooperation within Surface Transport Research	Proposals will support the implementation of EU policies in External Relations and Aid to Development in Sustainable Surface Transport research. Actions will stimulate, encourage and facilitate the participation of organisations from International Cooperation Partner Countries and/or neighbouring regions in the sub-theme.
SST 2008 6.5.	Stimulating International Cooperation with Latin American countries in developing sustainable freight transport systems.	The aim of this initiative will be to contribute to the External relations with Latin American countries, specifically Argentina and Brazil

Identifier: FP7-AAT-2008-RTD-1

Publication date: 30 November 2007

Budget: € 80 420 000

Deadline: 07 May 2008 at 17:00:00 (Brussels local time)

Synthèse des appels 'coopération internationale'

All areas in this work-programme are open to co-operation with third countries. It is especially encouraged to tackle key issues of global air transport such as:

- Safety, in line with the activity "Ensuring Customer Satisfaction and Safety".
- Environment, in line with the activity "The Greening of Air Transport".

Based on the workshops and the collaboration in FP6, enhanced participation of Russia, Ukraine and other EECA countries is encouraged within Collaborative Projects in the following topic areas in addition to environmental and safety-related topics:

- flight physics (e.g. transonic wind tunnels, unsteady aerodynamics, plasma aerodynamics, wake vortex, helicopters and tilt-rotors, new configurations),
- propulsion technologies (e.g. num. simulation, acoustics, combustion, virtual design),
- application of advanced materials (e.g. Ti, Mg, Al-Li alloys, composite materials, sealing materials),
- avionics technologies.

Participation of Chinese partners is encouraged within Collaborative Projects in the following topic areas in addition to environmental and safety-related topics:

- multi-disciplinary design, simulation and validation,
- computational fluid dynamics (CFDs).

Topic areas for increased co-operation with India identified so far include, in addition to environmental and safety-related topics:

- application of advanced materials (e.g. composites, smart materials, nano-materials and coatings),
- sensors (e.g. MEMS for control applications, health monitoring of airframe),
- software applications (e.g. conflict detection and alerting algorithms, expert systems).

Topic areas for increased with South Africa co-operation identified so far include, in addition to environmental and safety-related topics:

- application of advanced materials manufacturing (e.g. of metals, thermoplastics and composites),
- advanced electronics (e.g. MEMS, health/usage monitoring, guidance and control),
- software development (e.g. flight control, simulators, computational mechanics, CFDs).

AAT.2008.7.6	Stimulating Research with International Cooperation Partner Countries	Proposals should demonstrate making contributions to enhance the participation of third countries at large and in particular International Cooperation Partner Countries from Asia and Latin America (e.g. Brazil, Argentina)
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Identifier: FP7-TPT-2008-RTD-1

Publication date: 30 November 2007

Budget: € 14 650 000

Deadline: 07 May 2008 at 17:00:00 (Brussels local time)

TPT.2008.15.	Cross-fertilisation of Alternative Fuels Research across all transport modes	Is open as a Specific International Cooperation Action (SICA). No specifically allocated budget is foreseen for proposals submitted under this topic; International Cooperation is encouraged in this activity, in particular : with Brazil, USA and India on bio-fuels research, with South Africa on synthetic fuels research
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○ Socio-economic Sciences and the Humanities

Pas d'appel particulier.

- **Space**

Pas d'appel particulier.

- **Security**

Pas d'appel particulier.

◆ **Programme Ideas**

Pour l'appel chercheurs confirmés, il n'y a aucune restriction de nationalité. Le chercheur et son équipe doivent seulement effectuer leurs travaux dans un laboratoire situé dans un Etat membre ou associé.

◆ **Programme People**

Identifier: FP7-PEOPLE-IRG-2008

Publication date: 30 November 2007

Budget: € 17 000 000

Deadline(s): 03 April 2008 at 17:00:00 (Brussels local time) - 08 October 2008 at 17:00:00 (Brussels local time) -

The objective of this action is to reinforce the attractiveness of Europe by encouraging European researchers who have carried out research outside Europe for at least 3 years, to reintegrate in a Member State or in an Associated country in order to contribute to European research and transfer the knowledge they have acquired in a *third country*, by offering them the opportunity to capitalise in Europe on their experience.

Identifier: FP7-PEOPLE-IRSES-2008

Publication date: 30 November 2007

Budget: € 25 000 000

Deadline: 28 March 2008 at 17:00:00 (Brussels local time)

This new action will provide support to research organisations to establish or reinforce long-term research cooperation through a coordinated joint programme of exchange of researchers for short periods.

A partnership in this action shall be composed of at least two independent participants established in at least two different Member States or Associated countries, and one or more organisations either located in countries with which the Community has an S&T agreement or are in the process of negotiations, or in countries covered by the European Neighbourhood Policy.

◆ **Programme Capacities**

- **Infrastructures**

Identifier: FP7-SME-2008-1

Publication date: 30 November 2007

Budget: € 92 720 000

Deadline: 11 April 2008 at 17:00:00 (Brussels local time)

INFRA-2008-3.2: Studies, conferences and coordination actions supporting policy development, including international cooperation, in all S&T fields.

The monitoring and further development of a European policy for research infrastructures needs in 2008 the development of specific actions, such as:

- studies on the regional impacts of research infrastructures,
- impact studies related to the ERA green paper.

Support measures are expected to strengthen the development of a European policy for research infrastructures and to address specific needs for international cooperation in this field, thus achieving critical mass and driving global policies.

○ **Research for the benefit of SME**

Pas d'appel particulier.

○ **Regions of knowledge**

Pas d'appel particulier.

○ **Research potential of convergence regions**

Pas d'appel particulier.

○ **Science and Society**

Identifier: FP7-SCIENCE-IN-SOCIETY-2008-1

Publication date: 30 November 2007

Budget: € 25 080 000

Deadline: 18 March 2008 at 17:00:00 (Brussels local time)

Topic SiS-2008-1.2.2.1, Promotion of pan-European and international awareness of the ethical aspects of Security technologies, is particularly well-suited for international cooperation. The minimum participation requirements for this topic are specified in Call Fiche 1. For this topic, the inclusion of a relevant third country partner or partners as indicated in the topic description could add to the excellence and impact of the project.

SiS-2008- 1.2.1.3	Governance in the production of health and medical knowledge	If relevant to the topic, proposals may also include an international dimension, particularly as regards developing countries and emerging economies.
SiS-2008-1.2.2.1	Promotion of pan-European and international awareness of the ethical aspects of Security technologies	This topic will support actions to continue this dialogue, with the international partners, particularly but not limited to those in Asia and North America. The proposal must, therefore, include a transnational European (EU Member States or Associated States) dimension and an international dimension with the involvement of third countries (particularly, but not limited to countries in Asia and North America) – this will be

		reflected in the evaluation.
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- **Support to the coherent development of research policies**

Pas d'appel particulier.

- **International cooperation**

Identifier: FP7-INCO-2007-3

Publication date: 02 October 2007

Budget: € 11 000 000

Deadline: 12 February 2008 at 17:00:00 (Brussels local time)

The objective of an ERA-NET is to increase the cooperation and coordination of research programmes carried out at national or regional level in the Member States and Associated States and which target one third country or several third countries in a given region.

ERA-NET Plus actions allow the Commission to provide an incentive to the organisation of joint calls between national or regional research programmes by "topping-up" joint trans-national funding with Community funding.