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International Scientific Cooperation activities in FP7

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FP7 – Specific Programmes



Cooperation – Collaborative research

Ideas – Frontier Research

People – Human Potential

Capacities – Research Capacity

+

JRC (non-nuclear)

JRC (nuclear)

Euratom



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Cooperation

The core of FP7, representing two thirds of the overall budget, fosters collaborative research across Europe and other partner countries through projects by transnational consortia of industry and academia. Research will be carried out in ten key thematic areas



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Cooperation – Collaborative Research



Ten themes

1. Health
2. Food, agriculture and biotechnology
3. Information and communication technologies
4. Nanosciences, nanotechnologies, materials and new production technologies
5. Energy
6. Environment (including climate change)
7. Transport (including aeronautics)
8. Socio-economic sciences and the humanities
9. Space
10. Security

Total

+/- M€ 32 413



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Ideas

Supports "frontier research" to be carried out in any area of science or technology, including engineering, socio-economic sciences and the humanities. Bottom-up approach.

No obligation for cross-border partnerships: projects are implemented by "individual teams" around a "principal investigator".

The programme is implemented via the European Research Council (ERC).



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People



Provides support for researcher mobility and career development, both for researchers inside the European Union and internationally. It is implemented via a set of Marie Curie actions, providing fellowships and other measures to help researchers build their skills and competences throughout their careers.



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Capacities



Strengthens the research capacities that Europe needs to become a thriving knowledge-based economy.

Activities:

- Research infrastructures
- Research for the benefit of SMEs
- Regions of Knowledge
- Research Potential
- Science in Society
- Specific activities of international cooperation



FP7 – Specific Programmes



• Cooperation	M€	32 413
• Ideas		7 510
• People		4 750
• Capacities		4 097
Research infrastructures		1 715
Research for the benefit of SMEs		1 336
Regions of knowledge		126
Research potential		340
Science in society		330
Coherent development of research policies		70
Activities of international cooperation		180
• JCR Non-nuclear actions		1751
• TOTAL	M€	50.521
• Euratom: Fusion energy research, nuclear fission, radiation protection		2.700



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Countries associated to FP7

- EEA: Norway, Iceland, Liechtenstein, Faroe Islands*
- Switzerland
- Israel
- Turkey
- WBC: Albania, Croatia, FYR Macedonia, Montenegro, Serbia

(Bosnia Herzegovina considering association)



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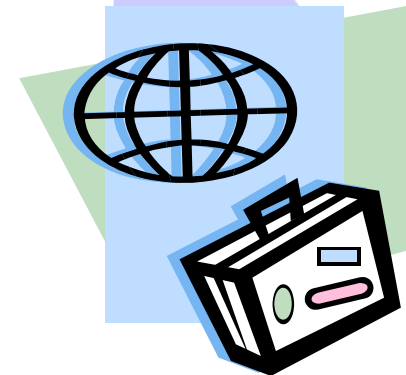


Projects evaluation

The European Commission will appoint independent experts to assist with evaluations, considering their skills and knowledge .

Registration of Experts:

<https://cordis.europa.eu/emmfp7/>





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International Cooperation in FP7

Aim

- **Support competitiveness through strategic partnerships with third countries in selected fields of science**
- **Address specific problems facing third countries on the basis of mutual interest and mutual benefit**
- **Use S&T cooperation to reinforce the Community's external relations and other relevant policy**



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International Cooperation

Third Countries:

Industrialised countries

Associated and Candidate countries

*International Cooperation Partner Countries
(ICPC):*

- *ACP, Asia, Eastern European and Central Asian countries, Latin America, Mediterranean partner Countries, Western Balkan countries*



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Cooperation – Collaborative research

Two ways for 3rd Countries to participate:

- Opening **all** Themes to 3rd countries
- **S**pecific **I**nternational **C**ooperation **A**ctions within each Theme



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Cooperation – Collaborative research

Opening of all themes to third countries

- Minimum **3** different EU Member State (MS) or Associated countries (AC)
- **Beyond** this minimum, **all 3rd countries** can participate
- ICPC would generally be **funded**
- Industrialised countries funded only if indispensable for the project



Cooperation – Collaborative research

Specific **I**nternational **C**ooperation **A**ctions

- Calls for proposals **dedicated to ICPC** in each theme (needs and potential)
- Minimum **4** participants from different countries: **2 ICPC + 2 MS or AC**



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Ideas

To reinforce excellence, dynamism and creativity in European research and improve the attractiveness of Europe for the best researchers from both European **and third countries**, as well as for industrial research investment, by providing a Europe-wide competitive funding structure, in addition to and not replacing national funding, for 'frontier research'



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People – Fellowships

Objectives

- ***Reinforce European research with foreign scientists***
- ***Build lasting connections through mobile researchers***



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People – Fellowships

For European Researchers

- ***Outgoing fellowships with mandatory return***
- ***Return/reintegration of European researchers abroad***

For 3rd Country Researchers

- ***Host-Driven actions for 3rd country researchers***
- ***Incoming individual fellowships***
- ***Schemes for Neighbouring countries and those with S&T agreement***
- ***Scientific “Diaspora” of Europeans abroad and foreigners in Europe***



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CAPACITIES - International Cooperation

Coordination of the international cooperation actions under the different programmes and across Themes

Aim :

To strengthen overall coordination to ensure a coherent approach and develop synergies with other Community policies (RELEX, DEV, Trade, ENV...)



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S&T agreements

- 31 Agreements with 20 countries
- 16 EC + 15 Euratom
- EC: 4 industrialised, 5 emerging, 7 developing
- Geography:
 - 2 Eastern Europe (Russia, Ukraine)
 - 3 Mediterranean (Egypt, Morocco, Tunisia)
 - 1 Sub-Saharan Africa (South Africa)
 - 3 Asia (China, India, South Korea)
 - 2 North America (Canada, USA)
 - 4 Latin America (Argentina, Brazil, Chile, Mexico)
 - 1 Oceania (Australia)
- In the pipeline: Japan, Jordan, New Zealand



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CAPACITIES - International Cooperation

Work Programme 2007-2008

Bi-regional Coordination of S&T Cooperation (INCO-NET)

Bilateral S&T Cooperation Partnerships

Coordination of National INCO Policies
and Activities (ERA-NET)



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CAPACITIES - International Cooperation

Transnational Cooperation among NCPs :

- **Reinforcing the network of NCPs for International Cooperation activities by promoting trans-national cooperation;**
- **Activities include benchmarking, joint workshops and training, twinning schemes, brokerage events etc...**
- **All NCPs appointed should be involved, unless detailed reasons are provided for the non-participation of specific NCPs**

A new call to be launched mid-2008



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CAPACITIES - International Cooperation NCP call - Implementation

Call identifier: **FP7-INCO-2007-4**

Call publication date: 22/12/06

Call closure date: 02/05/07

Indicative budget: 0.37 M€

Funding scheme: Coordination and support action (CSA-SA)

→ 1 proposal submitted, 1 proposal evaluated, 1 proposal selected for funding :INCONTACT

→ Coordinator: Foundation for Research and Technology Hellas (Greece), 8 participants, start date: 01/01/08, kick-off meeting: 21-22 January 2008, Athens



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SEVENTH FRAMEWORK
PROGRAMME

CAPACITIES - International Cooperation

Bi-regional Coordination of S&T cooperation (INCO-NET):

INCO-NETs are platforms bringing together policy makers and stakeholders of one target region/country with the EU to:

- Establish a dialogue to identify S&T priorities for mutual benefit and interest and define cooperation policy orientations;***
- Implement specific activities to promote and contribute to the participation of the targeted regions/countries in the Framework Programme***



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CAPACITIES - International Cooperation

INCO-NET: Bi-regional policy dialogue

- *Bi-regional policy dialogue for mapping research needs and setting S&T cooperation priorities;*
- *Strengthening co-ordination and complementarities with activities carried out by means of Community foreign policy instruments;*
- *Identification of areas with potential for enhanced co-ordination between and with the Member States, the Associated States and International Cooperation Partner Countries.*



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CAPACITIES - International Cooperation



INCO-NET: Implementation activities

2007 Call: 17 M€

- ***Developing, promoting, organising and structuring the participation of third countries in FP;***
- ***Setting regional networks/fora with all relevant stakeholders;***
- ***Training, awareness actions and dissemination activities;***
- ***Evaluation and monitoring of ongoing cooperation activities.***



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CAPACITIES - International Cooperation INCO-NET Call - Implementation

Call identifier: **FP7- INCO-2007-1**

Call publication date: 22/12/06

Call closure date: 02/05/07

Indicative budget: 17 M€

Areas: WBC, MPC, EECA, LAM, ACP, ASIA

Funding scheme: Coordination and support action (CSA-CA),
typ. 2-3 M€ for 4 years

→ 6 projects selected for funding



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CAPACITIES - International Cooperation

INCO-NET - Results



Project	Coordinator	Start Date	Kick-off meeting
WBC-INCO.NET	Zentrum für Soziale Innovation, Austria	1/01/2008	01/02/08, Ljubljana, Slovenia
IncoNet EECA	International Center for Black Sea Studies, Greece	1/01/2008	16/01/08, Athens, Greece
SEA-EU-NET	Deutsches Zentrum für Luft- und Raumfahrt e.V., Germany	1/01/2008	21/01/08, Bonn, Germany
MIRA	Consejo Superior de Investigaciones Científicas, Spain	1/01/2008	10/01/08, Seville, Spain
EULARINET	Ministerio de Educacion y Ciencia, Spain	1/03/2008	26/03/08, Buenos Aires, Argentina
CAAST-Net	Association of Commonwealth Universities, UK	1/01/2008	18/02/08, Mombassa, Kenya



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CAPACITIES - International Cooperation

Bilateral S&T Cooperation Partnerships (BILAT):

Objective:

Strengthen the cooperation partnership between the EU and countries which have an S&T cooperation agreement or are in the process of negotiating one.



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CAPACITIES - International Cooperation

BILAT actions:

- *Improve the exchange of information on programs and funding between Europe and third countries;*
- *Develop national information platforms;*
- *Promotion and awareness activities;*
- *Joint fora for cooperation*
- *Assistance in forming research partnerships; etc...*



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CAPACITIES - International Cooperation BILAT Call - Implementation

Call identifier: **FP7-INCO-2007-2**

Call publication date: 15/06/07

Call closure date: 11/09/07 Indicative budget: 6.4 M€

Funding scheme: Coordination and support action (CSA-SA), typ
0.5 M€ for 3 years

**→ 13 projects selected for funding (negotiation to start in
February 2008)**



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SEVENTH FRAMEWORK
PROGRAMME

CAPACITIES - International Cooperation BILAT - Results

ACP: South Africa

ASIA: China, India

EECA: Russia, Ukraine

LAM: Brazil, Chile, Mexico

MPC: Morocco, Tunisia

Industrialised Countries: Australia, Korea, New-Zealand



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CAPACITIES - International Cooperation

Coordination of national policies and activities on international S&T cooperation

(ERA-NET):

Objective:

To increase the cooperation and coordination of research programmes carried out at national or regional level in the MS and AS and which target one third country or several third countries in a given region



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SEVENTH FRAMEWORK
PROGRAMME

CAPACITIES - International Cooperation ERA-NET - Participants

All participants should be either:

- programme owners, such as national ministries or regional authorities managing a research programme
- programme managers (e.g. research councils, agencies) which implement research programmes under programme owners' supervision
- in justified cases: programme owners without a research programme but planning to set up one

Participants from **at least 3 different MS or AC**



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CAPACITIES - International Cooperation

ERA-NET Plus - Rules

Provide an incentive to organise joint calls for proposals between national and/or regional research programmes. Actions shall cover subjects which have sufficient European added value, whereby:

- One joint call to be implemented per ERA-NET Plus proposal
- Joint evaluation of proposals, based on international peer review
- Only transnational projects can be financed out of the joint call

Rules of 5 :

- **Min 5 participants of 5 different MS or AC,**
- Maximum duration of 5 years

Max. Community contribution **1/3** of the total joint call budget composed of:

- small part for call management (eligible cost) and
- the bulk of the 1/3 to top up joint call budget



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SEVENTH FRAMEWORK
PROGRAMME

CAPACITIES - International Cooperation ERA-NET Call - Implementation

Call identifier: **FP7-INCO-2007-3**

Call publication date: 02/10/07

Call closure date: 12/02/08

Indicative budget: 11 M€

Preparatory ERA-NET (FP7-INCO-2007-3.1.1)

coordination and support action (CSA-SA), typ. 300 k€ for 2 years)

ERA-NET (FP7-INCO-2007-3.1.2)

coordination and support action (CSA-CA), typ. 3 M€ for 4 years)

ERA-NET Plus (FP7-INCO-2007-3.2)

The combined national/regional and Community contributions to the joint calls would normally exceed 5 million € but should **never be less than 3 million €**



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[http://ec.europa.eu/
research/fp7/understanding/
index.html](http://ec.europa.eu/research/fp7/understanding/index.html)

The graphic features a blue header with the European Commission logo and 'Community research' text. Below this, a series of colorful dashed arcs connect five stylized human faces. Each face has a colored dot on its forehead and a corresponding label: 'ideas' (orange), 'cooperation' (red), 'people' (purple), 'euratom' (green), and 'capacities' (pink). The bottom section is a solid blue box containing the text 'FP7' in large white letters, followed by 'Tomorrow's answers start today' in smaller white text. At the bottom center of this box is the Seventh Framework Programme logo.



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Thank you for your attention !

Further information



<http://cordis.europa.eu>

FP7 General:

<http://ec.europa.eu/research/fp7>