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COMMISSION

European
Research Area



International co-operation in Food, Agriculture and Fisheries and Biotechnology

Food,
Agriculture and Fisheries,
and Biotechnology
Knowledge-Based Bio-Economy (KBBE)

Not legally binding

European Commission
DG Research
Biotechnologies, Agriculture, Food



International Cooperation in FP7 - PRINCIPLES

Efforts should be made to strengthen international co-operation towards:

- Reaping the full benefits of **internationalization of R&D**
- Contributing to the production of **global public goods**
- Further integrating the EU into the **world-wide research community**

FP7 should contribute towards promoting world-wide

**GROWTH,
SUSTAINABLE DEVELOPMENT and
ENVIRONMENTAL PROTECTION, also by addressing climate change**

Where possible, the FP will contribute to meeting the

Millennium Development Goals by 2010

THIRD COUNTRY

is a country which is not a European Union Member State:

- 1- Associated countries, associated candidate countries
- 2- Industrialised countries (Australia, Canada, USA, New Zealand....)
- 3- International Cooperation Partner Countries (**ICPC**):

ICPC is a third country that the European Commission classifies as a low-income, lower-middle-income or upper-middle-income country

- **Countries neighbouring the EU** (Mediterranean Partner Countries, Western Balkans, Eastern European and Central Asian Countries)
- **Developing countries** (ACP, ASIA, Latin America)
- **Emerging economies** (e.g. Brazil, China, India, Russia, South Africa)



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International Cooperation in FP7

Food, **A**griculture and **F**isheries and **B**iotecnology

The context

The socio-economic challenges addressed by this programme are GLOBAL and require international S&T cooperation

- Sustainable agriculture/fishery under climate change
- Increasing need for high quality and sustainable food production
- Food-related disorders (cardiovascular, obesity ...)
- Infectious animal diseases and zoonoses
- Renewable energy sources

STRATEGY - DRIVERS

➤ EU policies

- EC Communication *A Strategic European Framework for International Science and Technology Co-operation*
- other main EU policies - Development, Agriculture, Fisheries, Environment, Energy, Health, Trade...
- International policies: UN Millennium Development Goals...

➤ Bilateral and Biregional Thematic Dialogues

- **S&T Bilateral Co-operation Agreements** Road-maps from JSTCC
(Australia, Argentina, Brazil, Canada, Chile, China, Egypt, India, Korea, Mexico, Morocco, New Zealand, Russia, South Africa, Tunisia, Ukraine, United States)
- **Bilateral Working Groups and Task Forces** (e.g. Canada, Russia, USA...)
- **Bi-regional fora** (e.g. ASEAN, Latin America, MED, EECA, including INCO-Nets...)

and INTERNATIONAL FORA, PLATFORMS, WORKING GROUPS... relevant to this theme

1. Participation of Third countries (= non EU) in FP7

- **GENERAL OPENING**

All activities / topics are open to participation by Third Countries

Third countries (other than AC): as additional partners

- **TARGETED OPENING:**

Some topics encourage international cooperation with some TC

Third countries (other than AC): as additional partners (encouraged)

- **SICAs - Specific International Co-operation Actions**

Topics with mandatory participation of some TC - ICPC

International Co-operation Partner Countries : as COMPULSORY partners

2. Co-ordination of FP7 & EU with Third countries Programmes

- **COORDINATED CALLS**

Synchronised Calls, by FP7-Theme2 and a Third country, on topics of shared interest and with co-funding (ex Russia 2008, India 2009)

- **ERA-Nets including Third Countries**

Coordination of European National Research Programmes, including some third countries programmes (e.g. agriculture for development, agriculture for Mediterranean countries)

- **TWINNING of projects**

between FP7-Theme 2 and related programmes from Third countries, on on-going projects throughout this Theme, since 2008 (ex Canada, Argentina)

- **GLOBAL INITIATIVES and PARTNERSHIP INITIATIVES**

CSA for co-ordination of programmes activities between EU and Third countries

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TWINNING of PROJECTS

in Food, Agriculture and Fisheries and Biotechnology

**TWINNING of PROJECTS between
FP7 and (one or more) Third countries R&D programmes,
in a common given area of research**

on the basis of principles of mutual benefit and reciprocity

Twinning activities are carried out on a large set of on-going projects from each side and can include :

- meetings, workshops
- exchanges of information, data, material and methods,
- short-term researchers visits.

Parallel funds are allocated by both FP7 and the counterpart Third country programme

Done: **BILATERALLY** with Canada, Argentina- MERCOSUR

Forthcoming : **MULTILATERALLY** with CA-AU-NZ...

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NB: Recently proposed to be renamed PARTNERING Initiatives

Definition:

Bilateral action of systematic co-ordination between R&D programmes from the EU (FP7 + MS national programmes) and a strategic partner country/region, in areas of shared strategic interest.

Scope:

Bridge systematically the on-going research activities from the two counterpart programmes (EU and third country) and increase synergies , for optimised efficacy and advancement of R&D with mutual benefits, in a given area of shared strategic interest

Actions:

- **broad networking of the respective scientific communities (via meetings, workshops)**
- **twinning of large sets of research projects/consortia from the counterparts' programmes, with meetings and exchanges of information, data, materials and methods;**
- **short-term exchanges/visits of researchers**
- **training programmes, such as summer schools.**

Implementation:

- **EU: FP7 (KBBE Theme) co-ordination and support action , ca 1 M€**
- **Mirroring actions from partner country**
- **Selected in 2010: EU-China, EU-Russia – Proposed in WP2011: EU-India**



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PARTNERSHIP INITIATIVES in **F**ood, **A**griculture and **F**isheries and **B**iotechnology

EXAMPLES to be launched in 2010

Full title	Funding Scheme	Third Countries (Mandatory)
EU-China Partnership initiative in Plant Breeding	CSA-CA	China
EU-Russia Partnership initiative in Microbes – Plants Biodiversities	CSA-CA	Russia

INDICATIVE BUDGET: 500.000 € each from FP7

(mirroring actions foreseen by the third country partner in some cases)

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GLOBAL INITIATIVES in

Food, Agriculture and Fisheries and Biotechnology

Definition:

The GLOBAL INITIATIVE are actions to co-ordinate similar R&D programmes from the EU and world-wide in order to tackle together global challenges via broad international efforts

Activities:

Establishment of an international forum of R&D programme managers from EU (FP + national programmes from MS/AC), Third countries and International organisation to co-ordinate current and future activities from all respective programmes, via:

- exchange of information, share objectives and create links between programmes
- Promotion of multilateral networking and twinning among on-going projects
- Formulation of joint research agendas, joint planning and implementation of new co-ordinated research activities

Implementation:

EU: FP7 (KBBE Theme) co-ordination and support action (CSA) ca 1 M€

Selected in 2010: Global Initiative on Animal Health



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GLOBAL INITIATIVES in

Food, Agriculture and Fisheries and Biotechnology

FP7-KBBE-2010-4

*Promoting coordination and cooperation at international level of research programmes in the area of **animal health**, in particular infectious diseases including zoonoses*

Full title	Funding Scheme	Countries participating
Global Strategic Alliance for the co-ordination of Research on the Major Infectious Diseases of Animals and Zoonoses	CSA-CA 1 M€	<u>EU:</u> France, Denmark, Germany, Italy , Spain, The Netherlands, Belgium <u>Third Countries:</u> Australia, Canada, New Zealand, US, China, Brazil, India , Russia, Argentina, Mexico