



# Launching FP7 Conference for Information Multipliers Brussels, 7-8 February 2007

**European Commission  
Research DG  
Unit I.1 Horizontal aspects and coordination  
Birgit de Boissezon**



# Budget for FP7-Environment

- Total FP7 budget: 50.521 bn € (current prices)
- Total Cooperation programme budget: 32.413 bn €
- Total budget for Environment theme 1.886 bn €
- Indicative breakdown:

2006	2007	2008	2009	2010	2011	2012	2013
<b>225</b>	<b>224</b>	<b>229</b>	<b>233</b>	<b>246</b>	<b>281</b>	<b>318</b>	<b>356</b>

- No increase of budget in 2007, 2008 compared to 2006
- Sharp increase only from 2011
- In 2013 expenditure 60% higher than in 2006



EUROPEAN  
COMMISSION

Community research

# Theme Environment (including Climate Change)

## Objective

- To advance our knowledge on the interactions between the climate, biosphere, ecosystems and human activities, and
- To develop new technologies, tools and services

in view of the sustainable management of the environment and its resources

→ Prediction, monitoring, prevention, mitigation, adaptation



EUROPEAN  
COMMISSION

Community research

# Policy support from Environmental Research

- Environmental Research to support International commitments such as:
  - UN FCCC and Kyoto Protocol and Montreal Protocols
  - UN Convention on Biological Diversity
  - UN Strategy for Disaster Reduction
  - World Summit on Sustainable Development
  - Intergovernmental Panel for Climate Change (IPCC)
  - Group on Earth Observations (GEO)



EUROPEAN  
COMMISSION

Community research

# Policy support from Environmental Research

- Environmental Research to contribute to EU policies such as:
  - ➔ 6<sup>th</sup> Environmental Action Plan and associated Thematic Strategies (*air, waste, marine, soil, pesticides, urban environment*)
  - ➔ Action Plans on *Environmental Technologies* and *Environment and Health*
  - ➔ European directives – Water Framework, REACH (chemicals), CAFE (air quality), INSPIRE
  - ➔ Renewed Sustainable Development Strategy
  - ➔ Green paper “Towards a Future Maritime Policy”
  - ➔ Recent Commission Communication on “Halting the loss of biodiversity by 2010”



EUROPEAN  
COMMISSION

Community research

# Theme Environment (including Climate Change)

## Activities

- Climate change, pollution and risks
- Sustainable Management of Resources
- Environmental Technologies
- Earth observation and assessment tools for sustainable development



EUROPEAN  
COMMISSION

Community research

# Theme “Environment” (including Climate Change)

## Novelties and challenges

Introduction of new activities in FP7 on:

- Environment and Health research
- Activity on Environmental Technologies
- Sustainable Development including Sustainable Consumption and Production
- Earth Observation activities



EUROPEAN  
COMMISSION

Community research

# Theme “Environment” (including Climate Change)

Reinforcement of certain areas, such as:

- Climate change and natural hazards
- Management of built environment, including urban research
- Marine science (part of maritime policy)
- Management of natural resources, including man-made resources (urban development)



EUROPEAN  
COMMISSION

Community research

# How was the work programme developed?

- **Consultation/ preparatory stage (Feb-July 2006)**

- Advice, consultations, written inputs from external sources (AG, FP6 PC, TPs, other stakeholders)

- **Consolidation stage (July-Sept 2006)**

- First consolidated draft

- Review of horizontal, cross-thematic issues

- Further consultations with AG and FP6 PC

- **Adoption stage (Oct-Dec 2006)**

- Oct-Nov – Interservice Consultation

- Nov-Dec – FP7 PC Consultation

- Dec – Commission adoption, publication of calls

Launching FP7 – Conference for Information Multipliers – Brussels, 7-8 February 2007





EUROPEAN  
COMMISSION

Community research

# Indicative calendar of call (2007)

- Publication of first call: 22 December 2006
- Closure date: 2 May 2006
- Indicative budget: 200 million Euros
- One single submission/ evaluation procedure
- Evaluation of proposals:
  - Individual evaluation: May-June 2007
  - Consensus meetings: July 2007
- Launch of negotiations: September 2007
- Signature of first grant agreements: from December 2007
- *Publication of 2<sup>nd</sup> call:* Oct-Nov 2007

Launching FP7 – Conference for Information Multipliers – Brussels, 7-8 February 2007



SEVENTH FRAMEWORK  
PROGRAMME



EUROPEAN  
COMMISSION

Community research

# Environment work programme 2007

- Policy context
- Approach
  - funding schemes
  - SME
  - International cooperation
  - cross-cutting themes
  - dissemination
  - policy relevant topics
- Content of Calls for proposals (description of topics)
- Overview of Call (topics/ funding scheme)
- Budget overview
- Indicative topics for future years

Launching FP7 – Conference for Information Multipliers – Brussels, 7-8 February 2007



SEVENTH FRAMEWORK  
PROGRAMME



EUROPEAN  
COMMISSION

Community research

# Funding schemes of call (2007)

## Specified for each topic

- Collaborative research:
  - large scale integrating projects (4-7 mio. €)
  - small- or medium-scale focused research projects (max. 3.5 mio. € / max. 2 mio. € in 6.4.2)
  - Specific International Cooperation Actions (SICA)
- Network of Excellence (4-7 mio. €)
- Coordination and support actions:
  - coordinating type (incl. ERA-NETs – max. 2 mio. €)
  - supporting type
- Research for the benefit of specific groups (CSO - max. 2 mio. € )

NB: Funding thresholds in WP 2007 = eligibility criterion

Launching FP7 – Conference for Information Multipliers – Brussels, 7-8 February 2007



SEVENTH FRAMEWORK  
PROGRAMME



EUROPEAN  
COMMISSION

Community research

# ERA-NET approach in the WP 2007

- Implemented under the Cooperation and Capacities programmes

Cooperation: close links with FP7 research priorities

Capacities: in addition, support for actions of cross-cutting nature (not directly linked to Themes)

- Environment WP 2007 will have two topics for ERA-NETs:
  - ERA-NET for environment and health
  - ERA-NET for the preservation of the tangible cultural heritage

These topics will be subject to a joint call for ERA-NETs across the Themes:

- Call opening: 22 December 2006
- Call closing: 31 July 2007

Launching FP7 – Conference for Information Multipliers – Brussels, 7-8 February 2007





EUROPEAN  
COMMISSION

Community research

# New approach for FP7 (1)

FP 7 projects should integrate when relevant:

- Policy relevance/ Emerging policy needs
- Socio-economic dimension of the topic
- Third country participation
- SME participation
- Dissemination activities (science-society, research-policy)

Coordination of National Programmes

Eranet [Eranet+, and Article 169 initiatives]

Launching FP7 – Conference for Information Multipliers – Brussels, 7-8 February 2007





EUROPEAN  
COMMISSION

Community research

## New approach for FP7 (2)

Importance of cross-thematic approaches, such as:

- Climate Change – Energy, Technologies
- Environment & Health – Health, Food & Agriculture, Nanotechnologies
- Natural Resources, including biodiversity – Food, Agriculture & Biotechnology
- Marine Research – Transport, Food & Agriculture

→ joint and/or coordinated calls



EUROPEAN  
COMMISSION

Community research

# Research in support to policies in FP7

- Will continue to be central in the Environment Theme
- Research in support to policies is embedded in the Themes and implemented through standard calls
- Impacts on policy shall be clearly defined in the "expected impact" in the Work Programme and therefore part of evaluation criteria
- Flexibility in the WP to accommodate unforeseen policy needs (e.g. epidemics, emerging concerns about food safety, natural disaster responses)



EUROPEAN  
COMMISSION

Community research

# Policy support in Environment WP 2007

...puts special emphasis on:

- Policy relevant research and emerging needs through such topics as:
  - Full costs of climate change
  - European network on human biomonitoring
  - Assessing the ecological status of water bodies
  - Performance indicators for health, comfort and safety of the indoor built environment
  - Climate change impacts and adaptation strategies in water policies



EUROPEAN  
COMMISSION

Community research

# International cooperation in FP7

The participation of third countries in the Cooperation SP will be possible via 2 mechanisms:

- The opening of all activities to third countries – both for ICPC\* and industrialised countries in the Themes
- Specific international co-operation actions (SICA) in each thematic priority dedicated to ICPC
  - part of the main call identifying topics for ICPC's
    - ◆ topics in consultation with the Capacity programme and ICPC partner regions
    - ◆ importance to regional approaches (eg. Latin-America, Asia, etc.)

\*International Co-operation Partner Country (ICPC)

Launching FP7 – Conference for Information Multipliers – Brussels, 7-8 February 2007





EUROPEAN  
COMMISSION

Community research

# International Cooperation in Environment WP 2007

...puts special emphasis on:

- International co-operation partner countries (ICPC), among others in the following topics:
  - ➔ Past and future climate change impacts in the Parana-Plata river basin of South America
  - ➔ Health impacts of drought and desertification, including related socio-economic aspects
  - ➔ River basin twinning initiatives as a tool to implement EU Water Initiatives
  - ➔ GEONETCast applications for developing countries



EUROPEAN  
COMMISSION

Community research

# SME Participation in FP7

- Participation of SME's across the Specific Programmes in particular in Cooperation:
  - including priorities/ areas of interest to SME's; propose appropriate funding schemes
    - ◆ this will be complemented by the Competitiveness & Innovation Programme
- SME-participation in the "Industry-academia partnerships and pathways" of People
- SME specific actions in Capacities: "Research for the benefit of SME's"



EUROPEAN  
COMMISSION

Community research

# SME participation in Environment WP 2007

...puts special emphasis on:

- Encouraging SME participation, especially in the activity “Environmental Technologies”, through such topics as:
  - Innovative technologies and services for sustainable water use in industries
  - In-silico techniques for hazard-, safety-, and environmental risk assessment
  - New technologies for waste sorting
  - Low resource consumption buildings and infrastructure



EUROPEAN  
COMMISSION

Community research

# Dissemination, knowledge transfer and broader engagement in FP7

- More pro-active approach to dissemination in FP7
- At Programme level:
  - through specific 'topics' in the WP dedicated to synthesise knowledge/ results and to enhance dissemination
  - organising dissemination and awareness events
  - expert calls (framework contract)
  - programme monitoring, evaluation and impact assessment
- At project level:
  - through the introduction of dissemination activities in the contract and reporting requirements
- Offering targeted assistance to projects to optimise the dissemination and promote the actual use of results
  - legal helpdesk
  - exploitation strategic seminars
  - Cordis services

Launching FP7 – Conference for Information Multipliers – Brussels, 7-8 February 2007





EUROPEAN  
COMMISSION

Community research

# Dissemination in Environment WP 2007

... puts special emphasis on:

- Communicating and disseminating research results/ outcomes, through such topics as:
  - Exploitation and dissemination of climate change results and public perception
  - Fostering improved co-operation between marine science and the private sector
  - Consolidation and dissemination of results related to cultural heritage
  - Transnational co-operation among NCPs



EUROPEAN  
COMMISSION

Community research

# New publications on environment

- European Research on Natural Hazards: catalogue of selected FP5 and FP6 projects
- Climate Change – Research Challenges (Proceedings of the International Symposium 2-3 February 2006)
- Global Change and Ecosystems, EU Research for the Environment (Catalogue of FP6 projects)

These and other publications can be downloaded at:

[http://ec.europa.eu/research/environment/newsanddoc/other\\_pubs\\_en.htm](http://ec.europa.eu/research/environment/newsanddoc/other_pubs_en.htm)

[http://cordis.europa.eu/fp7/home\\_en.html](http://cordis.europa.eu/fp7/home_en.html)

or requested via order forms available in the meeting room