



FP7 2013 Work Programmes International Dimension

**Opportunities for Latin American
and Caribbean (LAC) countries**





Introduction:

... a very quick intro to the European Union's 7th Framework Programme for Research (2006-2013)





The framework programme (FP7)

EU's main instrument for funding research

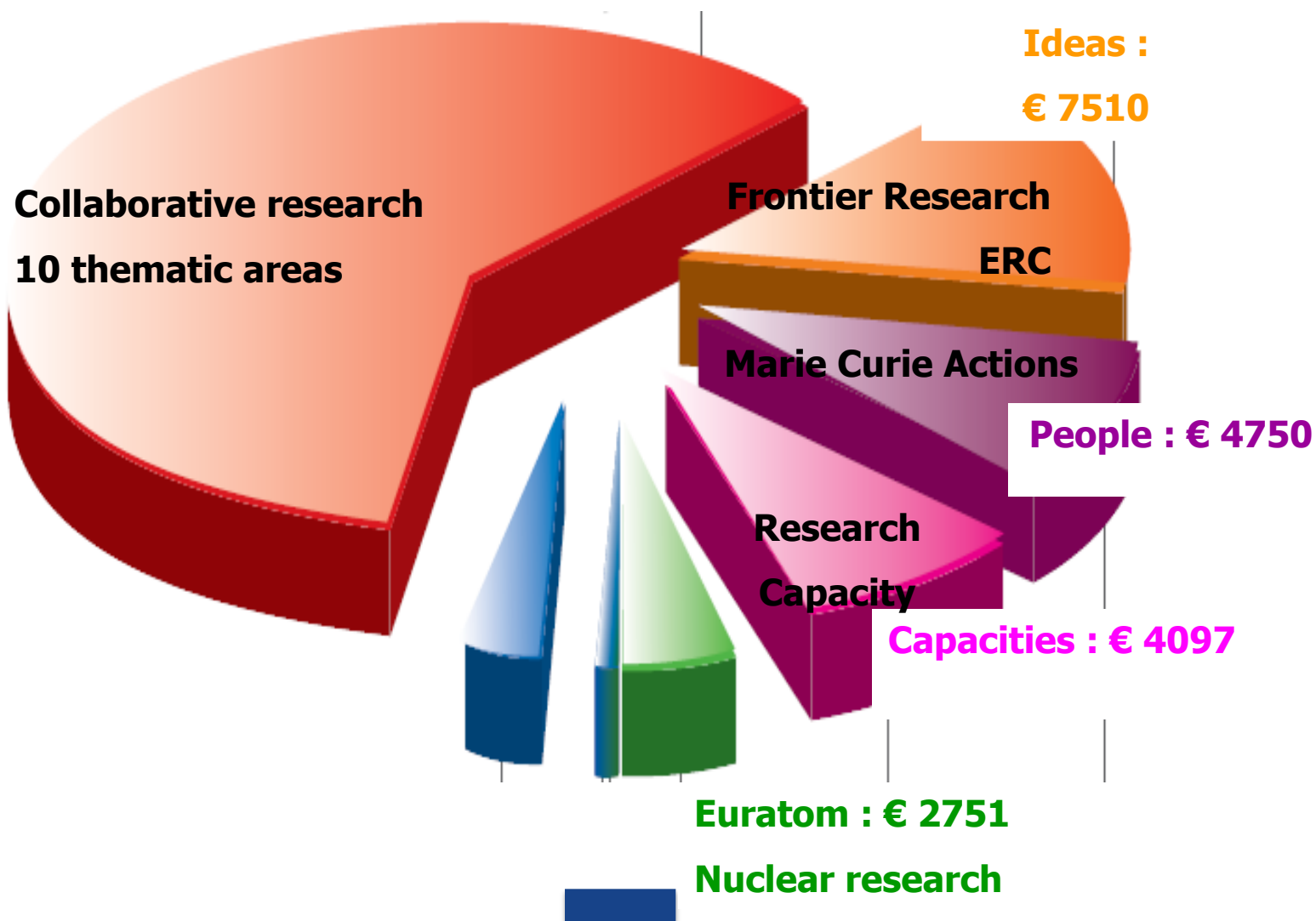
- *Duration:* 7 years
Last 2 years started
- *Budget:* over € 53 billion

Integration of the international dimension into all Specific Programmes



Cooperation :

€ 32 413





COOPERATION	Health
	Food, agriculture and biotechnology
	Information and communication technologies
	Nanoscience, nanotechnologies, materials and new production technologies
	Energy
	Environment (including climate change)
	Transport (including aeronautics)
	Socio-economic sciences and the humanities
	Security
	Space
IDEAS	European Research Council
PEOPLE	Initial training
	Life-long training
	Industry-academia
	International dimension
	Specific actions
CAPACITIES	Research Infrastructures
	Research for the benefit of SMEs
	Regions of Knowledge
	Research potential
	Science in society
	Coherent development of research policies
	International co-operation
Non-nuclear actions by the Joint Research Centre	





The FP7 "Cooperation" Specific Programme





Health

Two major calls – 12 July 2012

Research priorities:

- Emphasis will be on innovative health research. Areas most covered are: brain research, antimicrobial drug resistance and comparative effectiveness research
- Other areas covered: developing personalised medicines approaches, cardiovascular research, safety and efficacy of therapies, cancer and public health research

Strong emphasis on SMEs and industry participation





Health – Interest for LAC

All topics of the main call FP7-HEALTH-2013-INNOVATION-1 are open for LAC participation

Topics of particular interest may include:

- *HEALTH.2013.1.3-3: Safety and efficacy of therapeutic vaccines.*
- *HEALTH.2013.2.3.0-1: Innovation in vaccines*
- *HEALTH.2013.2.3.1-2: Stratified approaches for pathogen-host interactions*
- *HEALTH.2013.2.3.1-3: Contribution to global mapping of drug resistance and identification of pathogens of major importance for public health.*
- *HEALTH.2013.2.3.3-1: Clinical management of patients in severe epidemics*
- *Health.2013.2.3.4-2: Drug development for parasitic diseases*
- *FP7-HEALTH.2013.4.1-5: Global initiative on gene-environment interactions in diabetes/obesity in specific populations*



Food, Agriculture and Biotechnologies (FAB)

One call – 12 July 2012

Research Priorities

- Sustainable Agriculture and Forestry
- Sustainable and Competitive Agri-Food Sector for a Safe and Healthy Diet
- Unlocking the Potential of Aquatic Living Resources
- Sustainable and Competitive Bio-based Industries

Calls have an emphasis on

- Completing ERA (European Research Area)
- Stimulating innovation incl. knowledge exchange with SMEs
- Supporting European policies (e.g. General Food Law Regulation)
- Supporting international cooperation (e.g. Tackling challenges of a global nature, Millennium Development Goals)





FAB – Interest for LAC

All topics open for LAC participation

Topics of particular interest may include:

- *KBBE.2013.1.3-01: Emerging viral vector borne diseases*
- *KBBE.2013.2.5-01: Assessment of the impact of global drivers of change on Europe's food security*
- *KBBE.2013.2.3-02: Network for the transfer of knowledge on traditional foods to SMEs*
- *KBBE.2013.2.4-01: Assuring quality and authenticity in the food chain*
- *KBBE.2013.2.5-02: Saving water and energy for resource-efficient food processing*
- *KBBE.2013.3.1-01: Plant High Value Products - from discovery to final product*
- *KBBE.2013.3.1-02: « Partnering Initiative on Biodiversity in Agriculture » targeting Latin America*





The « *Partnering Initiative on Biodiversity in Agriculture* » is targeting Latin America (KBBE.2013.3.1-02)

Funding scheme: Coordination and Support Action (coordinating action)

Additional eligibility criteria:

- The requested European Union contribution shall not exceed EUR 1 000 000 per proposal.
- Minimum number of participants: 3 from different Member States or Associated countries and 3 from different ICPC from Latin America.

Additional information: one project may be funded. Participants from Latin American countries in a Science and Technology agreement with the European Union will support their participants to the project. Participants from other Latin American ICPC countries could be funded by the EU.





Cross thematic Call "Oceans of Tomorrow"

Topics of interest to LAC:

OCEAN.2013-1: Biosensors for real time monitoring of biohazard and man made chemical contaminants in the marine environment

OCEAN.2013-2: Innovative multifunctional sensors for in-situ monitoring of marine environment and related maritime activities

OCEAN.2013-3: Innovative antifouling materials for maritime applications

OCEAN.2013-4: Innovative transport and deployment systems for the offshore wind energy sector





Information and Communications Technologies (ICT)

Two ICT Calls – 12 July 2012

Three Cross-thematic calls on Factories for the future, Efficient Buildings and Green cars – 12 July

FET call - still open for proposals

Focus around number of key challenges:

- pervasive and trusted network and service infrastructures
- cognitive systems and robotics
- alternative paths to components and systems
- technologies for digital content and languages

Support also for Future and Emerging Technologies (FET)





ICT – Interest for LAC

All topics open for LAC participation

Topics of particular interest may include:

- Objective ICT-2013.10.3 International partnership building and support to dialogues – Horizontal International Cooperation Actions. The target is to support dialogues between the European Commission/the EU and strategic partner countries and regions, and to foster cooperation with strategic third country organisations in collaborative ICT R&D both within the EU's Framework Programmes (FP7, Horizon 2020) and under relevant third country programmes*





ICT – Interest for LAC

A second coordinated call or proposlas with Brazil is planned





NANOSCIENCES, NANOTECHNOLOGIES, MATERIALS & NEW PRODUCTION TECHNOLOGIES (NMP)

Four calls – 12 July 2012

European energy-efficient buildings

Focus on smart and sustainable growth, for a greener industry. The challenges addressed include:

- Energy and energy efficiency
- Environmental issues and sustainability
- Raw materials
- Health and safety
- Factories of the future
- European energy-efficient buildings
- Green cars

Contribution to four cross-thematic calls on raw materials, ocean for tomorrow, smart cities and anti-microbial resistance





NMP – Interest for LAC

All topics open for LAC participation

Other topics in areas of mutual interest:

- *two topics in the Factories of the Future PPP (FoF.NMP.2013-3 and FoF.NMP.2013-9) are particularly suitable for collaboration at international level, particularly under the IMS (Intelligent Manufacturing Systems) scheme.*
- *NMP.2013.4.0-5 Deployment of societally beneficial nano- and/or materials technologies in ICP countries*





Energy

One call - 12 July 2012

Focus on the implementation plans and road maps of the European Strategic Energy Technology Plan (SET-Plan)

Aim to accelerate market take up of most promising technologies in:

- Smart Cities and Communities
- Renewable Energy
- Carbon Capture and Storage (CCS);
- Smart Grids and Energy storages

Contribution to three cross-thematic calls on raw materials, ocean for tomorrow and bio-resource efficiency





Energy – Interest for LAC

All topics open for LAC participation.

Renewable energy resources may be an area of interest in which to promote greater participation in FP7.





Environment

One call – 12 July 2012

Focus on :

- addressing major societal challenges
- developing and strengthening European leadership in environmental innovation; and
- promoting and facilitating knowledge transfer, assessment, uptake and exploitation of research and Innovation data and results in policy, industry and society

Contribution to three cross-thematic calls on water, ocean for tomorrow and raw materials





Environment – Interest for LAC

All topics open for LAC participation. Topics of particular interest :

- All topics under ENV.2013.6.1 “Coping with Climate Change”*
- ENV.2013.6.5-4 Knowledge platforms, networking and uptake of research results for more strategic international R&I cooperation – FP7-ENV-2013-one-stage*
- ENV.2013.6.2-6 'Improved monitoring of the impact of cultivation on the environment using global earth observations'*
- ENV.2013.6.3-3 'Contribution to the assessment of global water resources through the use of new earth observation datasets and techniques'*
- ENV.2013.6.4-3 'Coasts at threat in Europe: tsunamis and climate-related risks'*
- o ENV.2013.6.5-1 'Accelerating progress towards the Green Economy'*





Transport

Five calls to be published on 12 July 2012

- ✓ Aeronautics and Air Transport (four calls)
- ✓ Sustainable Surface Transport (one call)

Strategic research and innovation priorities for 2013:

- Aeronautics and Air Transport
- Sustainable surface transport (including the ‘European green cars initiative’)
- Horizontal activities
- "Galileo" (Europe's initiative for a state-of-the-art global satellite navigation system)





Transport – Interest for LAC

All topics open for LAC participation

Themes of particular interest may include (depending upon the country):

- Road Safety and Security*
- Intermodal freight transport, e-logistics*
- Urban mobility in cities*
- Bio fuels for transport*
- Airports, navigation*





Transport – Interest for LAC

In particular LAC countries are targeted in 2 topics:

- *a coordination action in Aeronautics (AAT) in the field of sustainable alternative fuels for Aviation, where cooperation with **Brazil** (and the USA) is specifically mentioned;*
- *a coordination action in Surface transport (SST) in the field of green urban transport encouraging cooperation between European cities and cities accross the world, where **LAC countries** are specifically mentioned (together with China and Singapore).*





Socio-Economic Sciences and the Humanities (SSH)

Three calls - 12 July 2012

Four priorities for 2013 work programme:

- Underpinning innovation for smart growth
- Public sector reform and strengthening governance in the EU
- Inclusive and sustainable growth
- Support for developing the external policies of the European Union





SSH – Interest for LAC

All topics open for LAC participation

One topic calling for international cooperation which may be of particular interest include:

- SSH.2013.2.1-3 The role of multinational companies in addressing global development challenges*





Space

Calls in 2013 – Opening 12 July 2012

Strategic research and innovation priorities for 2013:

- Earth observation/GMES
 - Climate change monitoring from Space
 - Remote sensing methods and development of downstream services
- Space science and technologies
 - Exploitation of space science and exploration data
 - research preparing for space exploration
 - Space-weather
 - Security of space assets
- Cross-cutting activities
 - SME relevant research
 - International cooperation with third countries





Space interest for LAC

*All topics open for participation from ASEAN
Themes of particular interest may include
(depending upon the country):*

- ***Earth observation***

- *Marine and coastal monitoring*
- *Deforestation*
- *Climate change and air quality monitoring*
- *Disaster management*

- ***Space Foundations***

- *Exploitation of space data*
- *Avoidance and removal of space debris*



Security

One call - XXX July - €XXX million

Seven activity areas:

- **Security of citizens**
- **Security of infrastructures and utilities**
- **Intelligent surveillance and border security**
- **Restoring security and safety in case of crisis**
- **Security systems integration, interconnectivity and interoperability**
- **Security and society**
- **Security research coordination and structuring**



Security Interest for LAC

All topics open for participation from LAC

One topic of potential interest, which calls for international cooperation:

- *SEC-2013.2.4-1. Phase II demonstration programme on logistics and supply chain security*





FP7 "Capacities" Specific Programme





Research Infrastructures

One call – 12 July 2012

Main lines of action:

- Focus on the support of the next phase of development of research and education networks in Europe (GÉANT), one of the main pillars of the online European Research Area





Research Infrastructures – Interest for LAC

All topics open for LAC participation

The international dimension of GÉANT will be encouraged, in particular by:

- ✓ *ensuring global connectivity and interoperability,*
- ✓ *developing an open, virtualised and multi-domain tested facility and expanding it globally.*





Science in Society

One call – 12 July 2012

Focus on enabling responsible research and innovation (RRI) in the European Research Area

All topics open for participation of LAC





International Cooperation

Four calls - 12 July 2012. Focus on:

- *Bi-regional coordination of S&T cooperation including priority setting and definition of S&T cooperation policies (FP7-INCO-2013-1, INCO-NET)*
- *Bilateral coordination for the enhancement and development of S&T Partnerships (FP7-INCO-2013-2, BILAT)*
- *Supporting the coordination of national policies and activities of Member States and/or Associated States on international S&T cooperation (FP7-INCO-2013-3, ERA-NET /ERA-NET PLUS)*
- *Supporting the trans-national activities of International Cooperation NCPs (FP7-INCO-2013-4, INCO-NCP)*
- *Reinforcing cooperation with European Neighbourhood Policy countries on bridging the gap between research and innovation (FP7-INCO-2013-9, R2I-ENP)*



International Cooperation -LAC

Of specific interest for LAC are:

- Bilateral coordination for the enhancement and development of S&T Partnerships (FP7-INCO-2013-2, BILAT) → *Mexico*
- Supporting the coordination of national policies and activities of Member States and/or Associated States on international S&T cooperation (FP7-INCO-2013-3, ERA-NET /ERA-NET PLUS) → *Latin America and Caribbean*
- (Supporting the trans-national activities of International Cooperation NCPs (FP7-INCO-2013-4, INCO-NCP))





FP7 "People" Specific Programme





Marie Curie

*Eleven calls, issued between July 2012 and -13
March 2013*

*Most Marie Curie Fellowships open to LAC
researchers*





Marie Curie World Fellowships – Interest for LAC

Topics of particular interest may include:

- IOF: International Outgoing Fellowships
- IIF: International Incoming Fellowships
- ITN: Initial Training Network
- IAPP: Industry-Academia Partnership and Pathways





FP7 "Ideas" Specific Programme





Ideas Programme

Applications can be made in any field of research - particular emphasis on the frontiers of science, scholarship and engineering;

*All calls open to researchers of **any nationality** who intend to establish and conduct partly their research activity in any EU Member State or FP7 associated country*

Starting Grants call - July 2012

Advanced Investigator Grants call - November 2012





FP7 info-days and brokerage events for the 2012 calls:

FP7 Health - Open Information Day & Partnering Event, 29-30 May, Brussels, Deadline for *application*: 5th May 2012
<http://www.b2match.eu/fp7health2012>

International partnering event for research and innovation in Health and Agrofood, 26-27 June, Basel, Deadline for *application*: 1st June 2012
Switzerland <http://www.meet4lifesciences.ch/>

Information Day on FP7 Environment Research, 11 June 2012, Brussels, Deadline for *application*: 14th May 2012
http://ec.europa.eu/research/environment/index_en.cfm?pg=events





FP7 info-days and brokerage events for the 2012 calls:

Transnational Brokerage event NMP - PPP 2013 calls, 12th June –
Lyon Villeurbanne, Deadline for *application*: 14th
May 2012

<http://www.b2match.eu/nmp-ppp-lyon2012/pages/home>

Info-day and Brokerage event ENERGY, 4-5 July 2012, Brussels,
Deadline for application: 8th June 2012

<http://www.c-energyplus.eu/events.aspx>

Info-day and Partnering event KBBE – Knowledge-Based Bio-
Economy, 15 July 2012, Brussels, Deadline for *application*: 15th June
2012

<http://www.b2match.eu/biobro2011/>





FP7 info-days and brokerage events for the 2012 calls:

ICT Proposers' day 2012, September 2012, Warsaw, Poland,
Deadline for *application* on: 20th July 2012

[http://ec.europa.eu/information_society/newsroom/cf/news.cfm?
item_type=calendar&tpa_id=7](http://ec.europa.eu/information_society/newsroom/cf/news.cfm?item_type=calendar&tpa_id=7)

International Cooperation Info day, Brussels, 11 July 2012
(auditorium Tour Madou, 9h30 - 16h30)





Where to find a call?

➤ Participant portal

http://ec.europa.eu/research/participants/portal/page/fp7_calls

➤ • Incontact (calls targeting specific countries)

<https://www.archimedes.ee/incontact/topics/open/AN//>

➤ • Inco wiki

http://www.ncpincontact.eu/nkswiki/index.php?title=Main_Page





Thank you for your attention

Paul Vossen
Research & Innovation Directorate General,
European Commission
Email: paul.vossen@ec.europa.eu

