



International Cooperation on ICT Research: FP7 WP2013 and H2020

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Objectives of International Collaboration

Cooperation with third countries and international organisations has been and will be promoted with the following objectives:

- Strengthen EU's excellence and attractiveness in research and innovation
- Strengthen EU's economic and industrial competitiveness
- Jointly address global societal challenges
- Support EU's external policies





Support to International Collaboration in FP7

General opening

-- **International partners welcome in all Challenges and Objectives**

-- **Eligibility criteria:**

- Minimum 3 different EU Member States or Associated Countries
- Beyond this minimum, all non-EU/non-AC countries can participate

Targeted opening

-- **The participation of third countries is particularly encouraged**

- Explicitly mentioned in some of the Objectives (e.g. Australia, South Korea under WP2013)

Horizontal actions on international cooperation

-- **Coordinated calls with Brazil and Japan (under WP2013)**

-- **International partnership building and support to dialogues (Objective 10.3 under WP2013)**





Targeted Openings (WP2013)

- **Objective ICT-2013.1.5 Trustworthy ICT**
 - *EU-Australia cooperation on building user trust in broadband delivered services*
 - *Demonstrate in a real-life environment the maturity and practicality of a digital authentication framework in broadband delivered services working across several jurisdictions (organisational, governmental) with high levels of assurance.*
 - *Funding: up to €3 million*
- **Objective ICT-2013.1.7 Future Internet Research Experimentation (FIRE)**
 - *EU-South Africa cooperation on future internet experimental research and testbed interconnection*
 - *EU-China cooperation on future internet experimental research and IPv6*
 - *EU-South Korea cooperation on future internet experimental research*
- **Objective ICT-2013.2.2 Robotics Use Cases and Accompanying Measures**
 - *Robotics networking - help identify new users and markets and new research areas through sector-based analysis; establish a strategy towards sustainable international cooperation in robotics, focussing initially on the United States*





Coordinated Call with Japan (WP2013)

- **Topic Called:** *ICT-2013-10.1-EU-Japan Research and Development Cooperation*
- **Topics:**
 - a) Optical communications*
 - b) Wireless communications*
 - c) Cybersecurity for improved resilience against cyber threats*
 - d) Extending the cloud paradigm to the Internet of Things – Connected object and sensor clouds within the service perspective*
 - e) Federation of testbeds: control, tools and experiments*
 - f) Green and content centric networks*
- **Funding scheme:** *Small or medium scale focused research projects (STREPs)*
- **Indicative budget:** EUR 9 million (a similar budget for the call is expected from the Japanese MIC and NICT).
- **Timing:** 2 Oct – 29 Nov 2012





Coordinated Call with Brazil (WP2013)

- **Topic Called:** *ICT-2013.10.2 EU-Brazil Research and Development Cooperation*
- **Topics:**
 - a) Cloud computing for Science*
 - b) Sustainable technologies for a Smarter Society*
 - c) Smart Services and applications for a Smarter Society*
 - d) Hybrid broadcast-broadband TV applications and services*
- **Funding scheme:** *Small or medium scale focused research projects (STREPs)*
- **Indicative budget:** EUR 5 million (a similar budget for the call is expected from the Brazilian Ministry of Science, Technology and Innovation (MCTI)).
- **Timing:** 10 Jul – 24 Oct 2012





Horizontal International Cooperation Actions

- **Objective ICT-2013.10.3 International Partnership Building and Support to Dialogues**
 - *The goal 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*
 - **Targeted countries/regions**
 - a) *ACP countries (in particular Africa)*
 - b) *Asia (in particular China, India, South-East Asia)*
 - c) *Eastern Europe and Central Asia*
 - d) *High Income Countries: Subgroup 1: North America (Canada, USA)*
 - e) *High Income Countries: Subgroup 2: East Asia/Oceania (Australia, Japan, Korea, New Zealand, Singapore, Taiwan)*
 - f) *Latin America*
 - g) *Mediterranean Partner Countries*
- It is expected that each targeted area will be covered by at least one project, and that duplication of effort in an area is avoided
- Funding scheme/expected budget: CSA (SA)/€8 million (maximum EU grant of EUR 800 K per proposal)
- Call 10, date of publication: 10/07/2012, call deadline: 15/01/2013



International Cooperation under Horizon2020

- International cooperation will be a cross-cutting issue in H2020
- The approach will be similar to the current practice and may include a general opening of the programme, targeted openings, horizontal actions on international cooperation and coordinated calls
- Collaborative actions with specific third countries or their groups will be implemented on the basis of common interest and mutual benefit
- Reciprocal access to third country programmes will be encouraged
- Changes will be made to the ICPC list, or its concept as such, potentially excluding certain middle income countries (e.g. BRICs) from that list. This will be specified at the WP level
- A Commission Communication is scheduled to be adopted in Sept 2012 which will provide further detail on how the principles outlined above will be applied across H2020





Thank you

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