

Cooperation on ICT Research: Opportunities Under FP7 Work Programme 2011-2012

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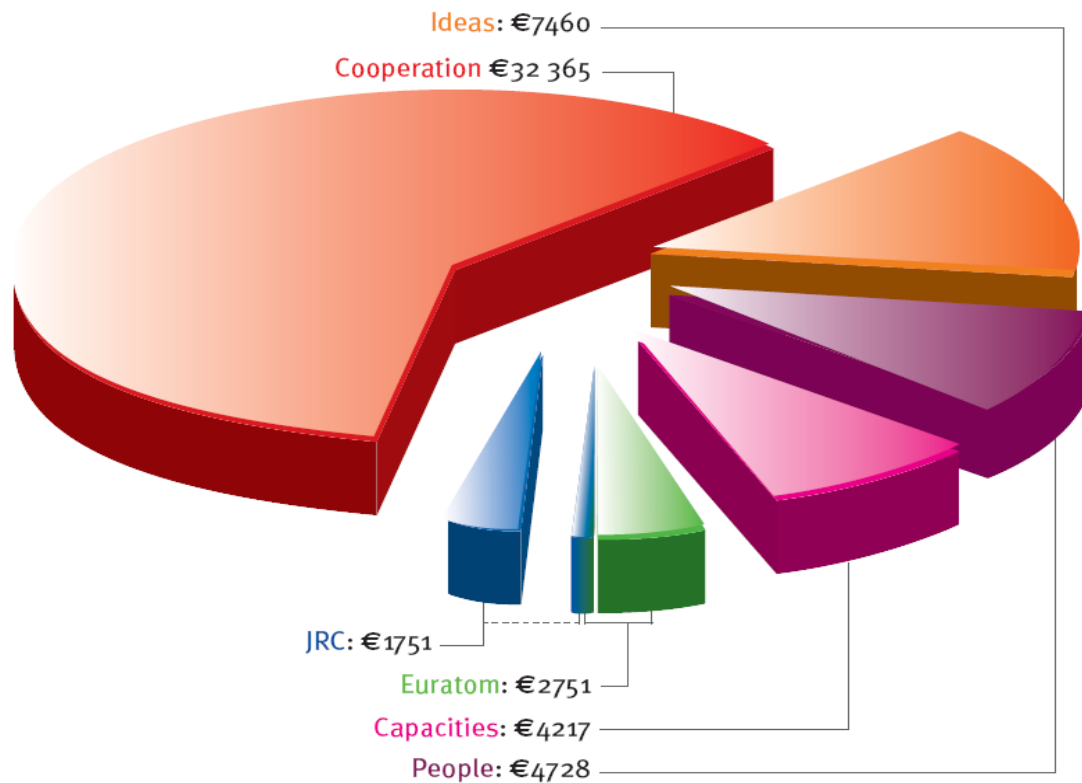
7th Framework Programme (FP7)

- EU's main instrument for funding research in Europe
- FP7 will run from 2007 to 2013 (previously – four years)
- FP7 budget for the seven years: €53.2 billion
- An increase of 41% from FP6 at 2004 prices
- FP7 places new emphasis on international cooperation
- Bi-annual work programmes for FP7 ICT (2011-2012 WP published July 2010)



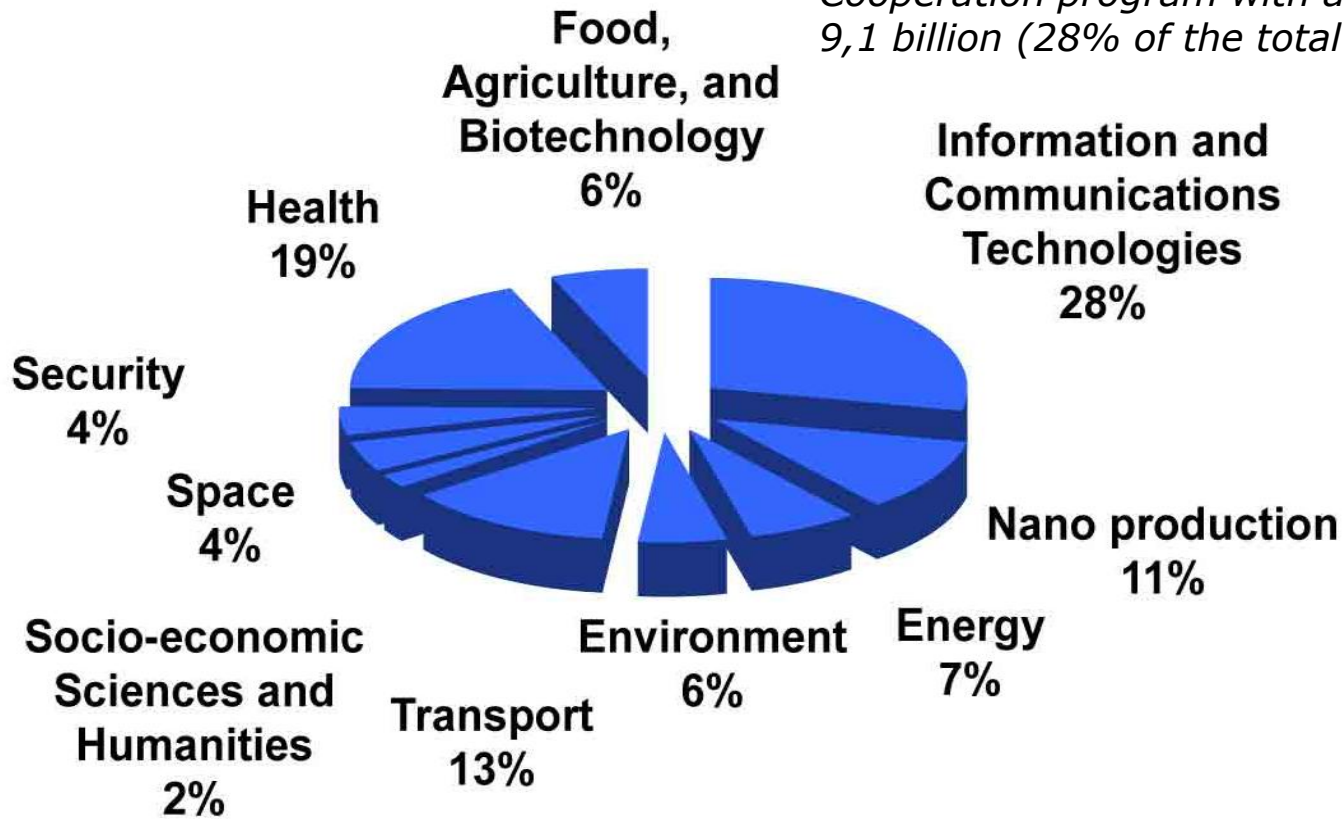
EU R&D FP7 (2007-13)

The indicative breakdown (€ million) of FP7

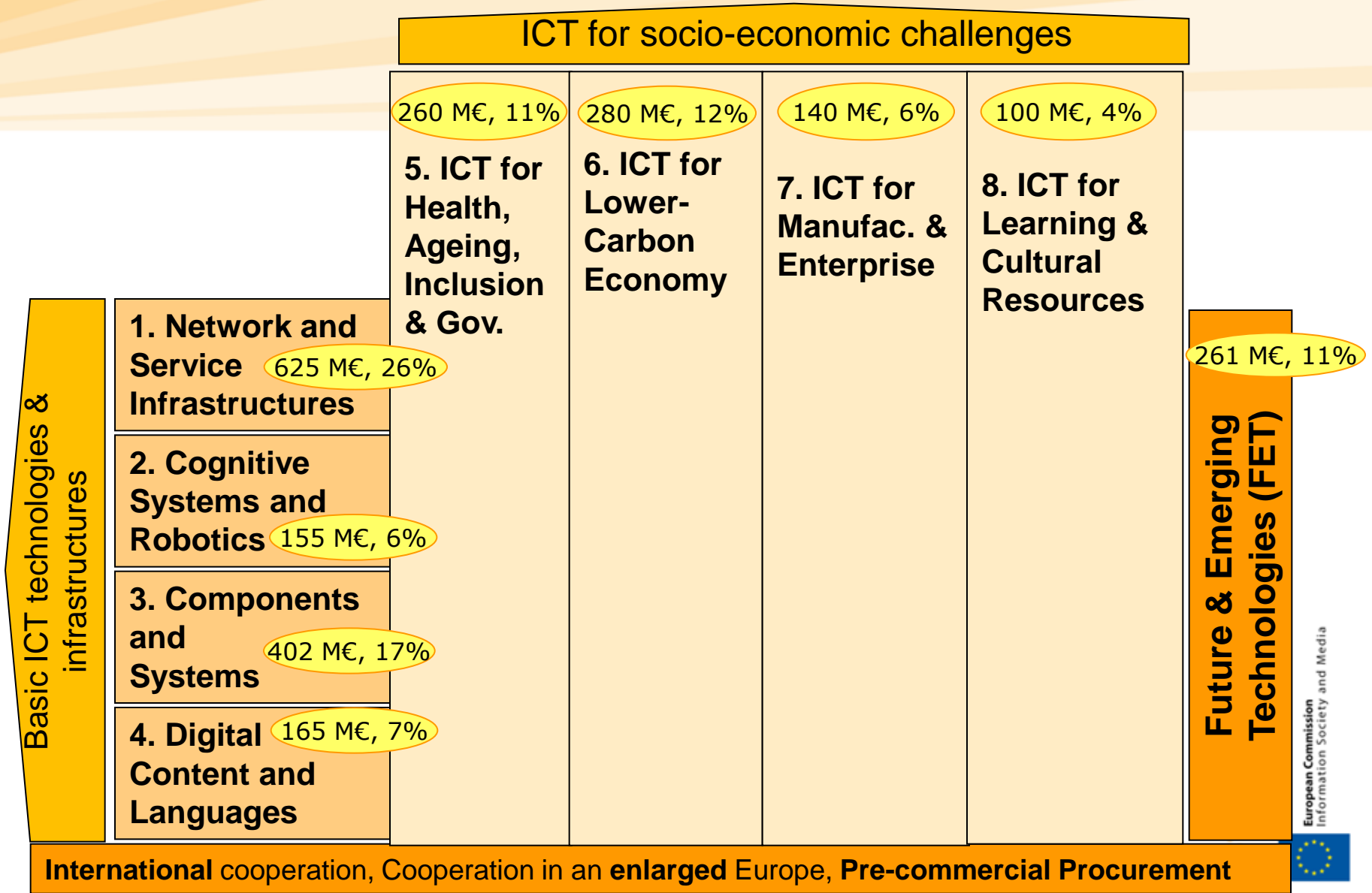


FP7 Cooperation Programme

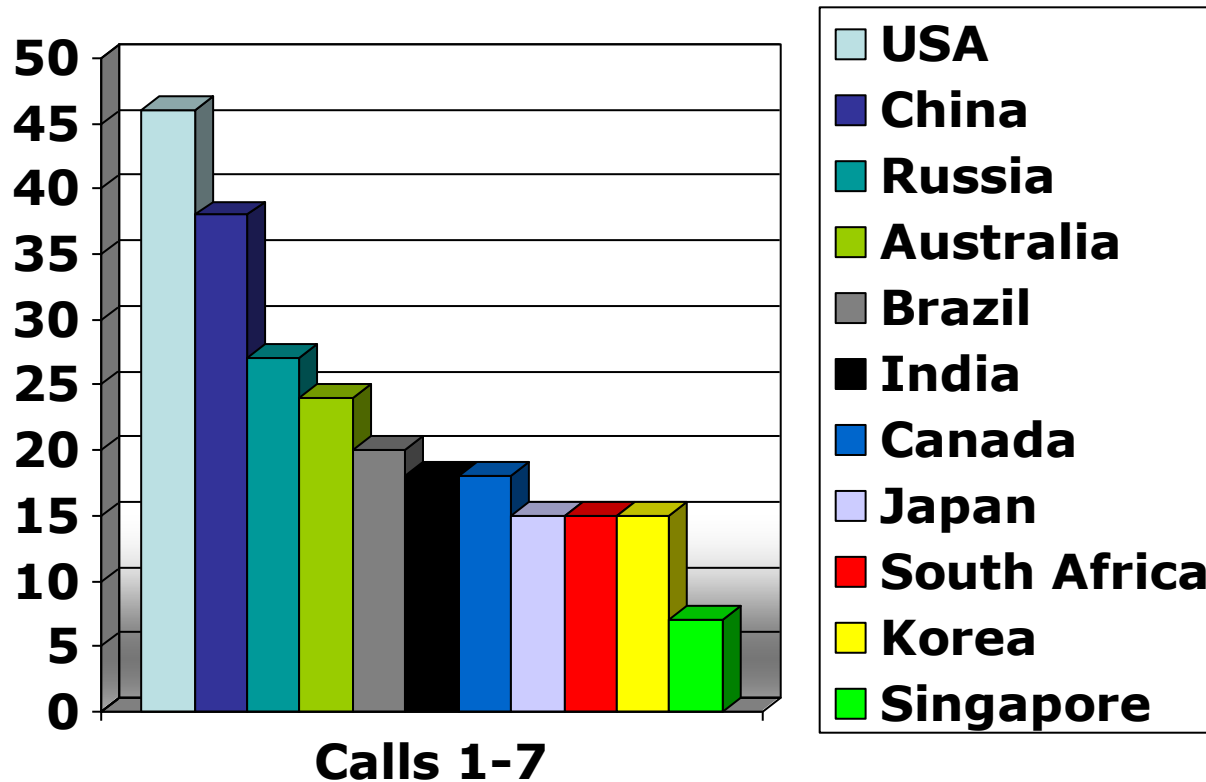
The ICT thematic area is the largest in the Cooperation program with a budget of € 9,1 billion (28% of the total budget)



FP7 ICT Programme Structure 2011-2012



Third-country participation in FP7 ICT (number of projects, Calls 1-7)



Call 8, 26/7/11 – 17/1/12, ~785 M€

Challenge	Objectives
Challenge 1: Pervasive and Trusted Network and Service Infrastructures	ICT 2011.1.1 Future Networks ICT 2011.1.2 Cloud Computing, Internet of Services and Advanced Software Engineering ICT 2011.1.4 Trustworthy ICT ICT 2011.1.6 Future Internet Research and Experimentation (FIRE)
Challenge 3: Alternative Paths to Components and Systems	ICT 2011.3.1 Very Advanced NanoelectronicComponents: Design, Engineering, Technology and Manufacturability ICT 2011.3.2 Smart Components and Smart Systems Integration ICT 2011.3.5 Core and Disruptive Photonic Technologies
Challenge 4: Technologies for Digital Content and Languages	ICT 2011.4.4 Intelligent Information Management
Challenge 6: ICT for a Low Carbon Economy	ICT 2011.6.1 Smart Energy Grids ICT 2011.6.3 ICT for Efficient water Resources Management ICT 2011.6.7 Cooperative Systems for Energy Efficient and Sustainable Mobility
Challenge 8: ICT for Learning and Access to Cultural Resources	ICT 2011.8.1 Technology-Enhanced Learning
Future and Emerging Technologies	ICT 2011.9.6 FET Proactive: Unconventional Computation (UCOMP) ICT 2011.9.7 FET Proactive: Dynamics of Multi-Level Complex Systems ICT 2011.9.8 FET Proactive: Minimising Energy Consumption of Computing to the Limit (MINECC) ICT 2011.9.12 Coordinating Communities, Identifying New Research Topics for FET Proactive Initiatives... ICT 2011.9.14 Science of Global Systems
Horizontal Actions	ICT 2011.11.1 Pre-Commercial Procurement Actions



Call 9, 18 Jan 12 – 17 Apr 12, ~291 M€

Challenge	Objectives
Challenge 2: Cognitive Systems, Interaction, Robotics	ICT 2011.2.1 Cognitive Systems and Robotics
Challenge 4: Technologies for Digital Content and Languages	ICT 2011.4.3 Digital Preservation
Challenge 5: ICT for Health, Ageing Well, Inclusion and Governanace	ICT 2011.5.2 Virtual Physiological Human
Challenge 8: ICT for Learning and Access to Cutral Resources	ICT 2011.8.2 ICT for Access to Cultural Resources
Future and Emerging Technologies	ICT 2011.9.9 FET Proactive: Quantum ICT (QICT) including ERA-NET-Plus ICT 2011.9.10 FET Proactive: Fundamentals of Collective Adaptive Systems (FOCAS) ICT 2011.9.11 FET Proactive: Neuro-Bio-Inspired Systems (NBIS) ICT 2011.9.12 Coordinating Communities, Identifying New Research Topics for FET Proactive Initiatives...
International Cooperation	ICT 2011.10.3 International Partnership Building and Support to Dialogues (Enable Partnership Building in Low and Middle Income Countries, incl. Africa)



Call 9: Objective 10.3b

Enable Partnership building in low and middle income countries

- Addressing **at the same time technology and business model innovations**
- For example: low-cost technologies, technologies promoting or enabling use of ICT, intuitive interfaces, content provisioning

STREP/SICA only

Target countries/regions: Low and middle income countries including Africa (ICPC)

Indicative budget: €2M



Important requirements

- STREP: Research activities, e.g. piloting, testing, adapting European research results to local requirements
- SICA: Minimum 2 European participants and 2 participants from low and middle income countries (ICPC, see Annex 1 to ICT WP)
- WP: “activities under this objective should be covered in balanced partnership with relevant third country organisations”
- Mutual interest and benefit for Europe and organisations in targeted countries
- Core of activities should be on ICT, not on other research fields



What is a STREP?

Activities of a **STREP** combine any of the following activities:

- **research and technological development activities**, reflecting the **core activities of the project**, aimed at a significant advance beyond the established state-of-the-art
- **demonstration activities**, designed to prove the viability of new technologies that offer a potential economic advantage, but which cannot be commercialised directly (e.g. testing of product-like prototypes)
- **management activities**, over and above the technical management of individual work packages, linking together all the project components and maintaining communications with the Commission



How to Get Involved in an FP7 Proposal



FP7 basic principles

- Proposals can only be submitted in response to publicly-announced Calls for Proposals
<http://cordis.europa.eu/fp7/ict>
- All proposals* are presented by multinational consortia of organisations/individuals
- Proposals are evaluated by independent experts
- All proposal coordinators receive an Evaluation Summary Report
- Funding follows successful evaluation, selection and negotiation of a grant agreement

* except certain Support actions



Who can participate?

- Three independent legal entities from three different EU Member States or Associated countries (presently: Albania (AL), Bosnia-Herzegovina (BA), Croatia (HR), the Faroes (FO), Iceland (IS), Israel (IL), Liechtenstein (LI), FYR of Macedonia (MK), Montenegro (ME), Norway (NO), Serbia (SR), Switzerland (CH), Turkey (TR))
- EEIGs composed of members that meet the criteria above can participate
- International (intergovernmental) organisations
- **Participants from third countries if in addition to minima**
- Collaborative projects for specific cooperation actions (SICA) dedicated to international cooperation partner countries (ICPC): minimum 4 participants of which 2 in different MS or AC and 2 in different ICPC countries unless otherwise specified
- Support actions; no restrictions



Community funding

Eligibility for Funding:

- Legal entities from MS and AC or created under Community law (and the JRC)
 - International European interest organisations
 - Legal entities established in international cooperation partner countries (ICPC-INCO)
- and
- Legal entities established in 3rd countries other than ICPC-INCO, if provided for in SP or WP; or if essential for carrying out action; or if funding is provided for in a bilateral agreement between Community and that country

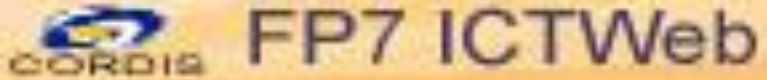


What the Future Holds: Work Programme 2013

- Currently under preparation;
- Will be published in the first half of 2012;
- On international cooperation theme we expect a budget increase (up to €8 million) and a comprehensive geographic coverage.



Getting help with proposals



- <http://cordis.europa.eu/fp7>
- National Contact Points: http://cordis.europa.eu/fp7/ncp_en.html
- Partner search facilities: <http://www.ideal-ist.net/>
- Information desk: ict@ec.europa.eu
- IPR Helpdesk: <http://www.ipr-helpdesk.org/index.html>
- Electronic proposal submission helpdesk: support@epss-fp7.org



Thank you

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