Framework Programme 7

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The complete name of FP7 is *7th Framework Programme for Research and Technological Development*. It will last for seven years from 2007 until 2013. The programme has a total budget of over €50 billion.
Participation in FP7 is open to a wide range of organisations and individuals:

- research groups at universities or research institutes
- companies intending to innovate
- small or medium-sized enterprises (SMEs)
- SME associations or groupings
- public or governmental administration (local, regional or national)
- early-stage researchers (postgraduate students)
- experienced researchers
- institutions running research infrastructures of trans-national interest
- organisations and researchers from third countries
- international organisations
- civil society organisations.

The above list is only indicative, not exhaustive.
The Specific Programmes constitute the five major building blocks of FP7:

- **Cooperation**
- **Ideas**
- **People**
- **Capacities**
- **Nuclear Research**
Fosters collaborative research across Europe and other partner countries through projects by transnational consortia of industry and academia. Research will be carried out in ten key thematic areas:

- Health
- Food, agriculture and fisheries, and biotechnology
- Information and communication technologies
- Nanosciences, nanotechnologies, materials and new production technologies
- Energy
- Environment (including climate change)
- Transport (including aeronautics)
- Socio-economic sciences and the humanities
- Space
- Security
The Ideas programme will support "frontier research" solely on the basis of scientific excellence. Research may be carried out in any area of science or technology.

There is no obligation for cross-border partnerships. Projects are implemented by "individual teams" around a "principal investigator". (ERC Starting / ERC Advanced)

The programme is implemented via the new European Research Council (ERC).

For more information, see [erc.europa.eu](http://erc.europa.eu)
The People programme provides support for researcher mobility and career development, both for researchers inside the European Union and internationally. It is implemented via a set of Marie Curie actions, providing fellowships and other measures to help researchers build their skills and competences throughout their careers:

- Initial training of researchers - Marie Curie Networks
- Industry-academia partnerships
- Co-funding of regional, national and international mobility programmes
- Intra-European fellowships
- International dimension - outgoing and incoming fellowships, international cooperation scheme, reintegration grants
- Marie Curie Awards
The Capacities programme strengthens the research capacities that Europe needs if it is to become a thriving knowledge-based economy.

It covers the following activities:

- Research infrastructures
- Research for the benefit of SMEs
- Regions of Knowledge
- Research Potential
- Science in Society
- Specific activities of international cooperation
Nuclear Energy

- fusion energy research, nuclear fission and radiation protection;

- the second programme covers the activities of the Joint Research Centre (JRC) in the field of nuclear energy, including nuclear waste management, and environmental impact, nuclear safety, and nuclear security.
Budget (M)

Cooperation 32 413€
Ideas 7 510 €
People 4 750 €
Capacities 4 097€
JRC (EC) 1 751 €
Funding Schemes

- Collaborative projects
- Networks of excellence
- Coordination and support actions
- Individual projects (ERC)
- Support for training and career development of researchers (Marie Curie)
- Research for the benefit of specific groups - in particular SMEs
How to Apply

- Annual 'Work Programmes’
- 'Calls for Proposals’ on Participants Portal
- [http://ec.europa.eu/research/participants/portal/page/fp7_calls?](http://ec.europa.eu/research/participants/portal/page/fp7_calls?)
- Submission on EPSS, Cordis [cordis.europa.eu/fp7/](http://cordis.europa.eu/fp7/)
Concrete Steps

1. Identification of research areas


3. Confirm that the funding mechanisms available are appropriate for your

4. Build a quality international consortium that:
   - Meets the minimum participation rules for the call for proposals
   - Has a mix of different types of organisations
   - Has the right mix of competencies and track record
   - Is complementary in terms of skills and perspective

5. Familiarise the consortium with specific guidance documentation and templates published by the European Commission for the targeted call for proposals

6. Draft a comprehensive proposal document following the Guide for Applicants

7. Submit the proposal to the European Commission goals and restrictions
How to find Partners


- Publish your partners profile by entering your project idea or specific expertise
- Search the Partners profiles submitted by other organizations
- Update or delete your existing profile on-line at any time
- Partners e-mail notification facility

National Contact Points:

- For general advice and for finding partners from other countries

Ideal-ist project [www.ideal-ist.net](http://www.ideal-ist.net):

- Provides a web-based platform for joining ICT projects and finding partners
 Relevant Documents

- The call fiche
- The work programme
- FP7 factsheets - an overview of the basic features of this programme
- The Guides for Applicants relevant to the funding schemes
  - Guide for applicants (Collaborative projects - Small and Medium-scale focused Research Projects - STREP)
  - Guide for Applicants (Collaborative projects: large scale Integrating Projects - IP)
  - Guide for applicants (Coordination Actions - CA) and ERA Net plus actions
  - Guide for applicants (Support Actions - SA)
  - Guide for applicants (Networks of Excellence - NoE)
ICT 2013

http://ec.europa.eu/research/participants/portal/page/call_FP7?callIdentifier=FP7-ICT-2013-11&specificProgram=COOPERATION#wlp_call_FP7
ICT 2013

- Call Fische
- Work Programme
- Guide for Applicants (select funding scheme)
Call Fische

- Call identifier: FP7-ICT-2013-11
- Date of publication: 18 September 2012
- Deadline: 16 April 2013, at 17:00.00 Brussels local time
- Indicative budget: EUR 236.5 million
<table>
<thead>
<tr>
<th>Challenge</th>
<th>Objectives</th>
<th>Funding schemes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Challenge 1: Pervasive and Trusted Network and Service Infrastructures</td>
<td>ICT-2013.1.1 Future Networks</td>
<td>IP/STREP, CSA</td>
</tr>
<tr>
<td>Challenge 3: Alternative Paths to Components and Systems</td>
<td>ICT-2013.3.1 Nanoelectronics</td>
<td>STREP, CSA (SA only)</td>
</tr>
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<td>Challenge 4: Technologies for Digital Content and Languages</td>
<td>ICT-2013.3.2 Photonics</td>
<td>IP, STREP, CSA, ERANET Plus</td>
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<tr>
<td>Challenge 6: ICT for a Low Carbon Economy</td>
<td>ICT-2013.4.2 Scalable data analytics</td>
<td>IP/STREP, CSA</td>
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<tr>
<td>Challenge 7: ICT for a Low Carbon Economy</td>
<td>ICT-2013.6.1 Smart Energy Grids</td>
<td>STREP</td>
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<tr>
<td>Challenge 8: ICT for learning and Access to Cultural resources</td>
<td>ICT-2013.6.3 ICT for water resources management</td>
<td>STREP</td>
</tr>
<tr>
<td>Future and Emerging Technologies</td>
<td>ICT-2013.8.2 Technology-enhanced learning</td>
<td>IP/STREP, CP-CSA, CSA</td>
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<tr>
<td>Future and Emerging Technologies</td>
<td>ICT-2013.9.9 FET Flagship Initiatives (b)</td>
<td>CSA</td>
</tr>
</tbody>
</table>
ICT - Information and Communication Technologies ................................................................. 6
1 Objective ............................................................................................................................... 6
2 Policy and socio-economic context ...................................................................................... 6
  2.1 Transforming our society through ICT developments ................................................. 6
  2.2 The need for a new approach towards innovation ....................................................... 7
3 Strategy for Work Programme 2013 .................................................................................. 7
  3.1 Completing the work engaged over the first 6 years of FP7 ..................................... 7
  3.2 Preparing the expected launch of Horizon 2020 ......................................................... 8
  3.3 Involving more SMEs ..................................................................................................... 8
  3.4 Contributing to broader policy agendas ...................................................................... 9
  3.5 Key Performance Indicators (KPIs) .............................................................................. 10
4 Approach ............................................................................................................................ 10
  4.1 A continuing commitment to Europe's presence in the basic ICT technologies and infrastructures ......................................................................................... 10
  4.2 A new phase for ICT's contribution to major socio-economic challenges in Europe11
  4.3 Future and Emerging Technologies (FET) .................................................................. 11
  4.4 Support to international cooperation ............................................................................ 12
  4.5 Ensuring more efficient and higher quality public services through Pre-Commercial Procurement (PCP) in ICT ................................................................. 12
  4.6 Contributing to European and global standards ........................................................... 12
Ex. Challenge 6: ICT for a low carbon economy

This Challenge explores opportunities for harnessing digital technologies to address climate change, especially to increase energy efficiency and to better manage our water resources. It supports speedy progress towards the EU’s energy and climate objectives for 2020 while simultaneously supporting existing and opening new business opportunities. The main role of ICT is reducing resource consumption and CO₂ emissions, in particular related to electricity and water distribution, the built environment, transport and logistics. Particular attention is given to cities as platforms for innovation, encouraging the validation of integrated solutions in user-driven, open innovation environments.

The Challenge focuses on the following:

- Future electricity distribution grids fostering synergies between telecommunication and energy networks to increase automation and to improve coordination between production (including renewable sources), distribution and transmission. The focus is on data management and special attention is given to potential new business models for DSOs (Distribution Systems Operators).

- Data Centres in an energy-efficient and environmentally-friendly Internet. This addresses technologies and associated services to monitor energy consumption and automatically optimise power, cooling, computing, storage, and data transmission operations in function of energy consumption, environmental impact and cost policies. It also covers technologies for the integration of renewable energy sources and reuse of heat.
Guide for Applicants

- Common Part vs Specific Part

- Includes all technical information to help you prepare and submit a proposal

- Annexes: instructions for Part A & B
Coordinators can:
- register the proposal (PIC number)
- set up (and modify) the consortium
- complete all of Part A of the proposal
- download document template for writing Part B
- upload finished Part B
- submit the complete proposal Part A and Part B

Partners can:
- complete their own sections A2 (participant details)
- download the document template for writing Part B
- view the whole proposal
Part A

Proposal Submission Form

**A1: Content**

- Proposal Number: 000000
- Proposal Title: [Blank]
- Organisation Legal name: [Blank]
- Organisation short name: [Blank]
- Duration in months: [Blank]
- **Legal address:**
  - Steet name: [Blank]
  - [Blank]

**A2.1: Participants**

- Proposal Number: 000000
- Proposal Acronym: [Blank]
- Participant Number: 1

**A3.1: Budget**

- Proposal Number: 000000
- Proposal Acronym: [Blank]
- Participant Number: 1

**Table: Budget**

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<th>Type of Activity</th>
<th>RTD</th>
<th>Demonstration</th>
<th>Coordination</th>
<th>Support</th>
<th>Management</th>
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<td>Subcontracting (in €)</td>
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<tr>
<td>Other direct costs (in €)</td>
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<tr>
<td>Indirect costs (in €)</td>
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<td>0</td>
</tr>
<tr>
<td>Lump sum, flat rate or scale of unit (option only for ICPC in €)</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
• Proposal Acronym
• Proposal Title
• Duration in months
• Call (part) identifier (e.g. FP7-ICT-2012-8)
• Topic code(s) most relevant for the proposal
• Free Keywords
• Abstract (200 characters)
A 2 Participants

- Participant number
- Participant Identification Code
- Legal name
- Organisation Short Name
- Legal address
- Organisation type
- Contact detail
A3 Budget

- Personnel costs
- Subcontracting
- Other direct costs
- Indirect costs
  - Real indirect costs
  - Standard flat rate 20%
  - Flat rate 60% for SMEs, Research organisations, NGOs (until 2013)
- Total budget
- Requested EC contribution
Proposal abstract
Section 1: Scientific and/or technical quality, relevant to the topics addressed by the call

- 1.1 Concept and objectives
- 1.2 Progress beyond the state-of-the-art
- 1.3 S/T methodology and associated work plan
  - i) Overall strategy of the work plan (Maximum length – one page)
  - ii) Timing of the different WPs and their components (Gantt chart or similar).
  - iii) Detailed work description broken down into work packages:
    - Work package list (table 1.3a);
    - Deliverables list (table 1.3b);
    - List of milestones (table 1.3c)
    - Description of each work package (table 1.3d)
    - Summary effort (table 1.3e)
  - iv) Graphical presentation of the components (Pert diagram or similar)
  - v) Significant risks, and associated contingency plans
Section 2. Implementation

- 2.1 Management structure and procedures
  (Maximum length for Section 2.1 - five pages)
- 2.2 Individual participants
  (Maximum length for Section 2.2: one page per participant)
- 2.3 Consortium as a whole
  (No maximum length for Section 2.3 – depends on the size and complexity of the consortium)
- 2.4 Resources to be committed
  (Maximum length for Section 2.4 - two pages)

Section 3. Impact

- (Maximum length for the whole of Section 3 – ten pages)
- 3.1 Expected impacts listed in the work programme
- 3.2 Dissemination and/or exploitation of project results, and management of intellectual property
Scores / Thresholds

Criteria:

- 3/5
- 3/5
- 3/5
- 3/5
- Total: 9

Overall Threshold: 10 !!
For support:

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