



Investing in **growth** and **jobs**

Final calls under FP7

Per Blixt

Head of Unit E4
DG CONNECT
European Commission

innovation
research



Why are these calls important?

- Research and Innovation critical for stimulating growth and jobs in Europe
- Tackling the biggest societal challenges facing Europe
- Supporting the best researchers and innovators in Europe



WP2013 Budget key figures “growth and jobs”

INPUT	
EU Research Budget	€10,8 billion
of which Work programme funding	€8,1 billion
Cooperation themes	€4,8 billion
SMEs	€1,2 billion
ERC	€1,75 billion
Marie Skłodowska Curie	€963 million
RSFF - RSI	€150 million



OUTPUT
<ul style="list-style-type: none"> • Leverage €6billion in R&I public-private investment • 210,000 increase in employment • €75 billion GDP over 15 years
<ul style="list-style-type: none"> • Funding more than 1300 research projects, • Generate more than 170 000 collaborative links among 15 500 participations worldwide
<ul style="list-style-type: none"> • Will fund more than 4 000 SME participations, • 40% of them directly involved in high-tech research areas such as ICT, Transport, Space, ...
Over 900 individual researchers funded
Funding an estimated 14 800 fellows
Up to €1billion in loans for SMEs and small Mid-Caps



Who is the target?

All research actors in the EU and the Associated Countries:

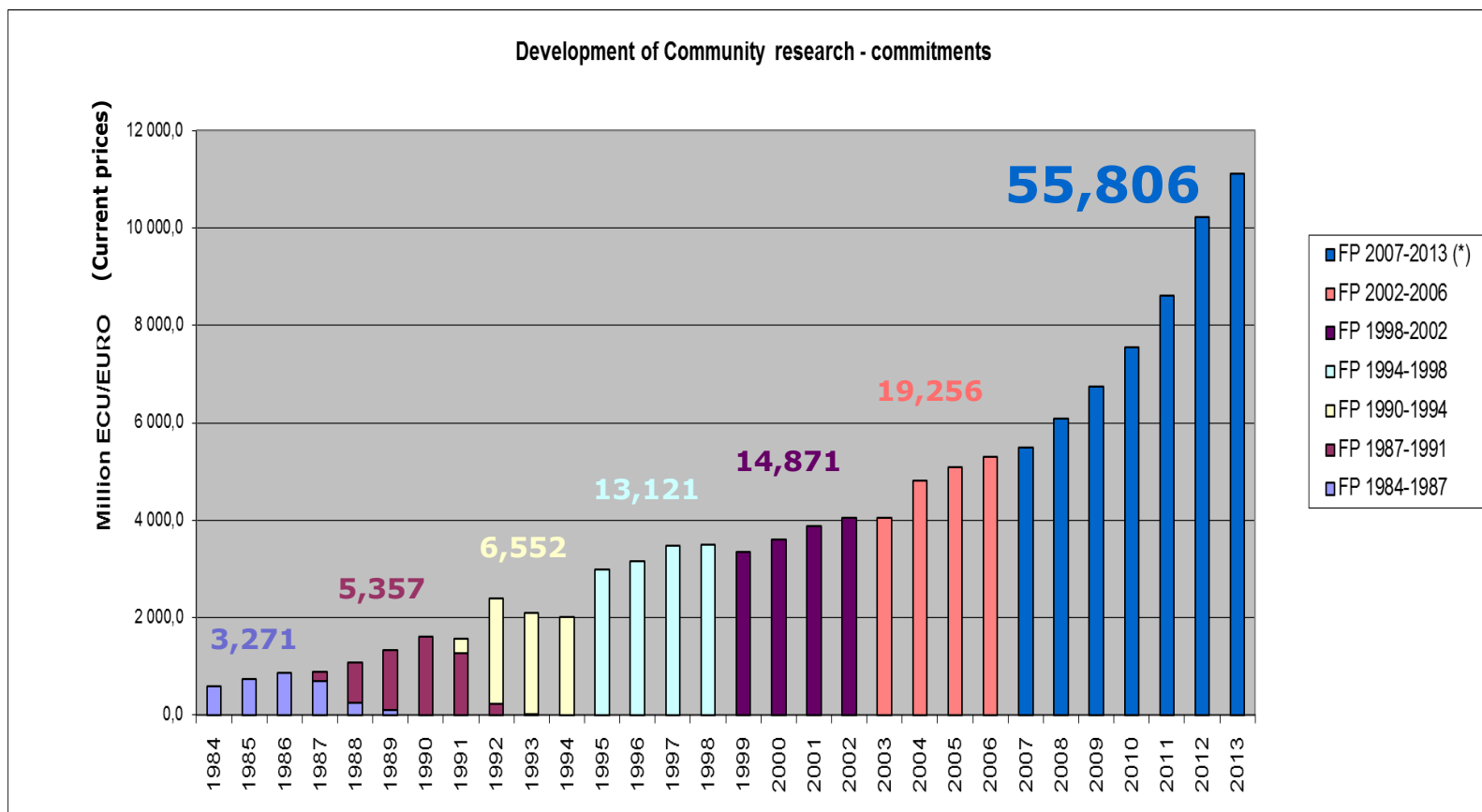
- Universities
- Research organisations
- Public authorities
- Large industry
- SMEs
- Financial institutions





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Evolution of the Framework budget 1984-2013

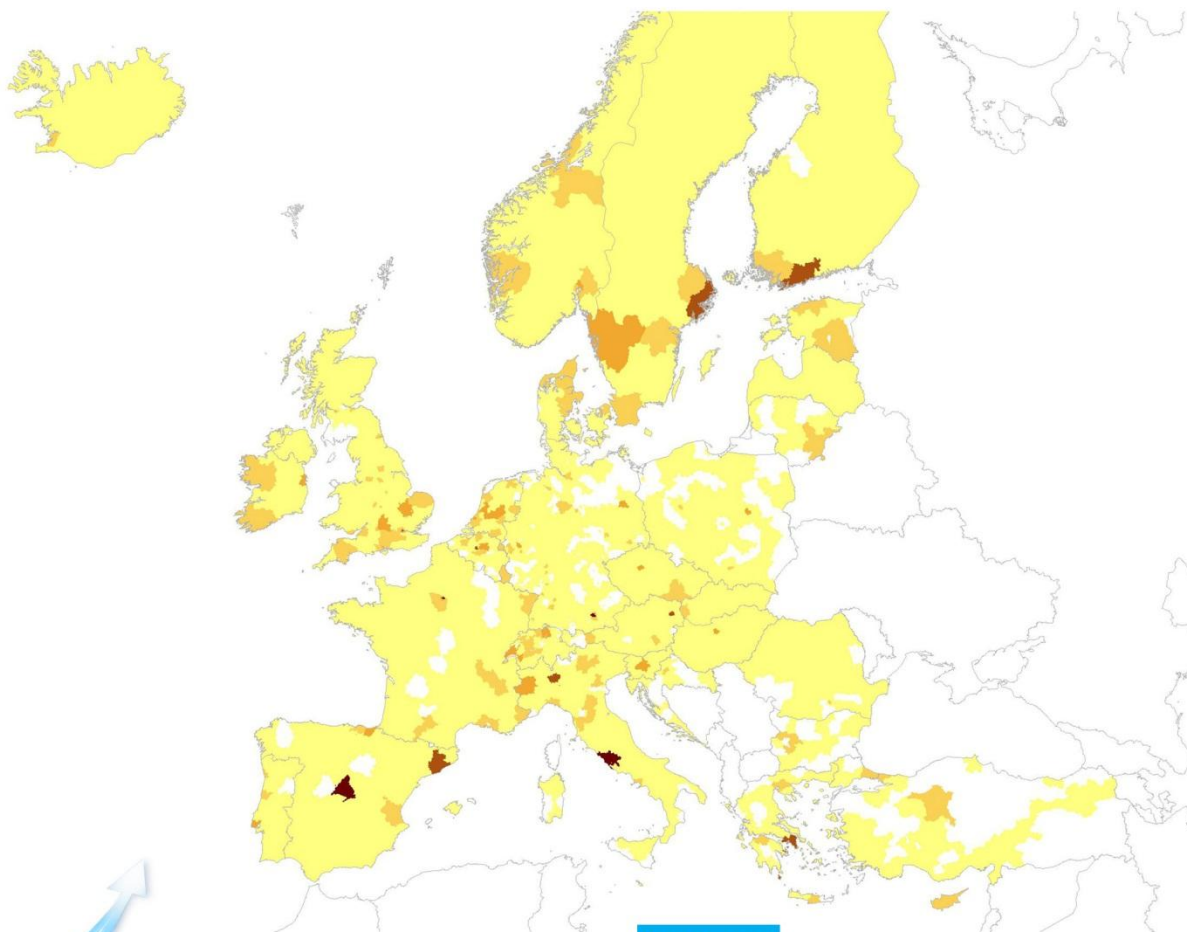




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Participation per regions

Europe



- 1668 - 3616
- 794 - 1668
- 373 - 794
- 113 - 373
- 1 - 113

Research and
Innovation



Country profile Slovenia

R&D intensity target	3%
Total number of participants, total EU financial contribution	574 participants receiving €100.526.646 in FP7
Number of applicants	3.661 (1.11% of EU-27)
Success rate (EU-27 = 21,5%)	16.1%
Total Population & EU 27 Population Share	2.050.189 (0.4% of EU-27)
Top collaborative links	<ol style="list-style-type: none"> 1. DE - Germany (911) 2. IT - Italy (672) 3. UK - United Kingdom (666) 4. ES - Spain (577) 5. FR - France (525)



Country profile Austria

R&D intensity target	3.76%
Total number of participants, total EU financial contribution	2.073 participants receiving €671.923.219 in FP7
Number of applicants	9.916 (3.01% of EU-27)
Success rate (EU-27 = 21,5%)	21.7%
Total Population & EU 27 Population Share	8.404.252 (1.7% of EU-27)
Top collaborative links	<ol style="list-style-type: none"> 1. DE - Germany (4.258) 2. UK - United Kingdom (2.426) 3. IT - Italy (2.185) 4. FR - France (2.087) 5. ES - Spain (1.614)



Country profile Slovakia

R&D intensity target	1%
Total number of participants, total EU financial contribution	331 participants receiving €45.031.953 in FP7
Number of applicants	1.777 (0.54% of EU-27)
Success rate (EU-27 = 21,5%)	19.2%
Total Population & EU 27 Population Share	5.435.273 (1.1% of EU-27)
Top collaborative links	<ol style="list-style-type: none"> 1. DE - Germany (524) 2. UK - United Kingdom (407) 3. IT - Italy (354) 4. FR - France (318) 5. ES - Spain (286)



Country profile Romania

R&D intensity target	2%
Total number of participants, total EU financial contribution	685 participants receiving €93.058.970 in FP7
Number of applicants	4.888 (1.48% of EU-27)
Success rate (EU-27 = 21,5%)	14.4%
Total Population & EU 27 Population Share	21.413.815 (4.3% of EU-27)
Top collaborative links	<ol style="list-style-type: none"> 1. DE - Germany (1.140) 2. IT - Italy (930) 3. UK - United Kingdom (857) 4. FR - France (853) 5. ES - Spain (768)



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- Newsroom

Browse by

- Work programme
- Keyword
- Organisational structure



ICT

Information and Communication Technologies

ICT - Information and Communication Technologies

Information and Communication Technologies (ICT) are critical to improve the competitiveness of European industry and to meet the demands of its society and economy.

ICTs have a catalytic impact in three key areas:

- ✦ **productivity and innovation**, by facilitating creativity and management;
- ✦ **modernisation of public services**, such as health, education and transport;
- ✦ **advances in science and technology**, by supporting cooperation and access to information.

Work Programme 2013

Download the ['ICT Work Programme 2013'](#)

Work Programme 2011-12 update

Download the updated ['ICT Work Programme 2011-12'](#)

Full information about ICT calls is available on the [Research and Innovation Participant Portal](#).

Please note the following:

Call 8 and Public-Private-Partnerships call dates and deadlines have been changed as follows:

Date of publication

- ✦ Call 8: **July 20, 2011**
- ✦ 'Factory of the Future', 'Energy-Efficient Buildings' and 'Green Car' PPPs: **July 20, 2011**

Call deadline

- ✦ 'Factory of the Future', 'Energy-Efficient Buildings' and 'Green Car' PPPs: **December 1, 2011**
- ✦ 'Future Internet' PPP: **October 24, 2012**

Highlights

- [Latest ICT calls](#)
- [Registration of E Research Activities](#)
- [More highlights](#)

Newsroom

- [More news](#)
- [ICT Results](#)
- [ICT Impact](#)



ICT for socio-economic challenges

143 M€, 10% 173 M€, 12% 70 M€, 5% 68 M€, 4%

5. ICT for Health, Ageing well, Inclusion & Gov.

6. ICT for a Low-Carbon Economy

7. ICT for Enterprise & Manufact.

8. ICT for Creativity and Learning

210 M€, 14%

Basic ICT technologies & infrastructures

Future & Emerging Technologies (FET)

1. Pervasive and Trusted Network and Service Infrastructure

345 M€, 23%

2. Cognitive Systems and Robotics

90 M€, 6%

3. Alternative Paths to Components and Systems

230 M€, 16%

4. Technologies for Digital Content and Languages

78 M€, 5%

Future Internet PPP

Smart Cities Co-ordinated call

Green Car PPP

Factory of the Future PPP



Pervasive and Trusted Network and Service Infrastructures

36.5 M€

1.5: trustworthy ICT

Call 10

- Security and privacy in cloud computing; Security and privacy in mobile services; Development, demonstration and innovation in cyber security; technologies and methodologies to support European trust and security policies; EU-Australia cooperation

33.4 M€

1.6: Connected and Social Media

Call 10

- Connected Media; Social Media; Coordination and Support

19 M€

1.7: Future Internet research Experimentation (FIRE)

Call 10

- New testbed facilities; Experimentally driven research to conduct multidisciplinary investigation of key techno-social issues; Coordination and Support actions; EU-South Africa; EU-China; EU-South Korea

100 M€

1.8: Expansion of use Cases

Call FI

- Large set of innovative and technologically challenging services and applications in a wide range of Internet usage areas under the auspices of the FI-PPP

30 M€

1.9: Technology Foundation Extension and Usage

Call FI

- Technology Foundation Extension; Platform availability; platform sustainability; usage and participation

ICT for Health, Ageing Well, Inclusion and Governance

58 M€

5.1: Personalised health, active ageing, and independent living

- Personalised Guidance Services for lifestyle management and disease prevention; Personalised Guidance Services for management of co-morbidities and integrated care; Personalised Services for Independent Living and Active Ageing; Pre-commercial procurement Actions; Coordination and Support Actions

31.9 M€

5.2: Virtual Physiological Human

- Clinical proof of concept of patient specific computer based models; Personal health Forecasting; One Coordination and Support Action

19 M€

5.3: ICT for smart and personalised inclusion

- Accessible and intuitive solutions for personalised interfaces to smart environments and innovative services; Coordination and support Actions

19 M€

5.4: ICT for Governance and Policy Modelling

- Policy modelling and simulation for achieving productivity gains and innovation in public service provision through innovative use of ICT; Coordination and Support Actions

15 M€

5.5: Collective Awareness platforms for Sustainability and Social Innovation

- Supporting grassroots experiments and prototypes; Support; Engaging citizens and society at large; Integrating the scientific base for the multidisciplinary understanding of collective awareness platforms for sustainability and social innovation

Next Call for proposals

<i>Call Title</i>	<i>Opening</i>	<i>Closing</i>
<i>SME Initiative</i>	<i>10 July 2012</i>	<i>15 January 2013</i>
<i>Green cars and FoF</i>	<i>10 July 2012</i>	<i>4 December 2012</i>
<i>Smart Cities</i>	<i>10 July 2012</i>	<i>4 December 2012</i>
<i>ICT Call 10</i>	<i>10 July 2012</i>	<i>15 January 2013</i>
<i>FET Flagships</i>	<i>10 July 2012</i>	<i>23 October 2012</i>
<i>FET Open</i>	<i>12 September 2012</i>	<i>12 March 2013</i>
<i>FET Open Xtrack</i>	<i>12 September 2012</i>	<i>29 January 2012</i>
<i>EU Brazil</i>	<i>12 September 2012</i>	<i>12 December 2012</i>
<i>ICT Call 11</i>	<i>18 September 2012</i>	<i>16 April 2013</i>
<i>EU Japan</i>	<i>2 October 2012</i>	<i>29 November 2012</i>
<i>FI PPP</i>	<i>16 May 2013</i>	<i>10 December 2013</i>

Information days - when, where, who

Date

26 & 27 September 2012
(Wednesday & Thursday)

Location

Warsaw, Poland

Co-hosted by

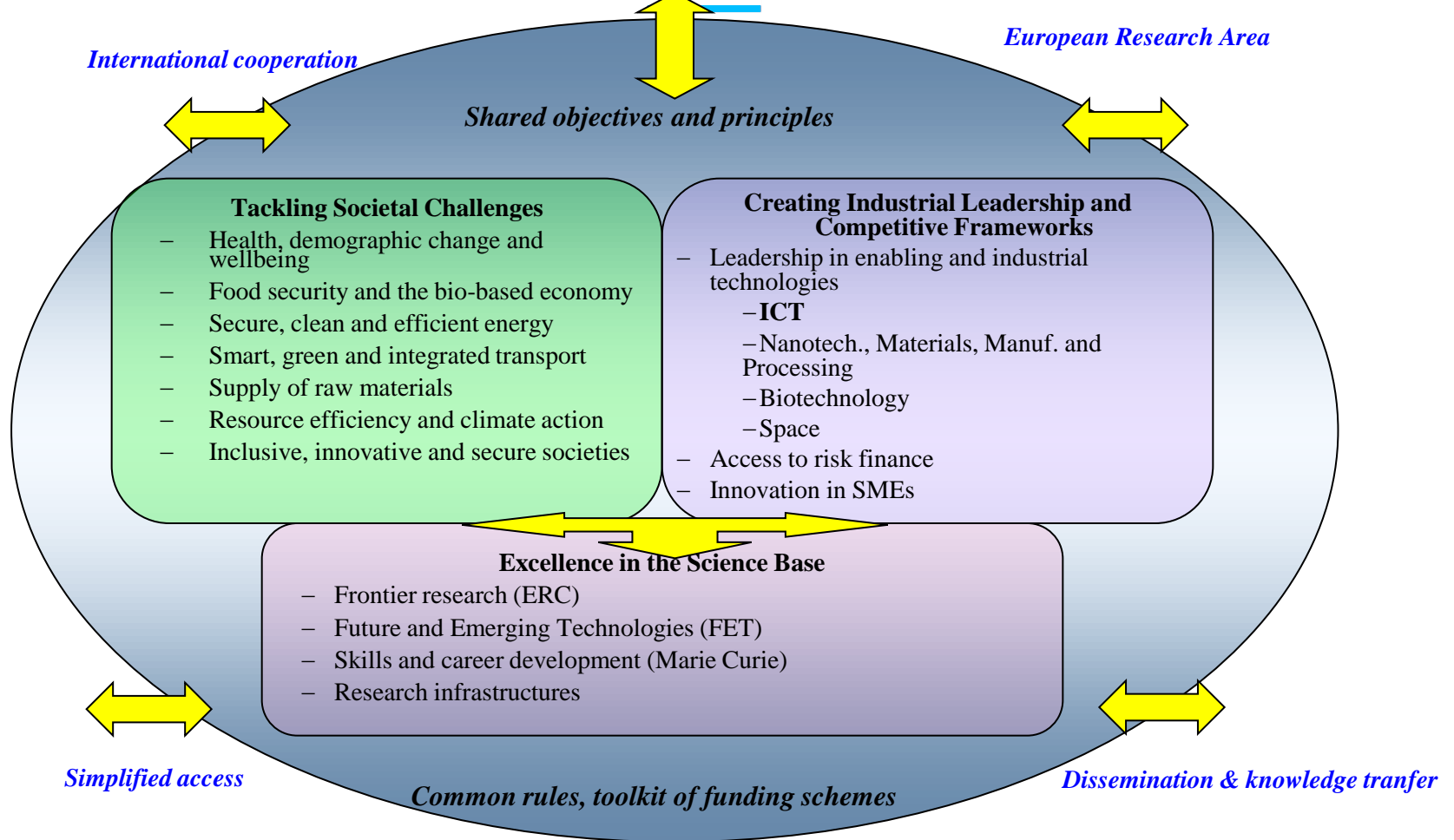
- Polish Ministry of Science and Higher Education
- NCP Poland



Horizon 2020 – Objectives and structure



Europe 2020 priorities
European Commission



Tackling societal challenges

- Health, demographic change & wellbeing;
- Food security, sustainable agriculture & bio-based economy;
- Secure, clean & efficient energy;
- Smart, green and integrated transport;
- Climate action and resource efficiency including raw materials;
- Inclusive, innovative and secure societies

ICT and Demographic Ageing

Social necessity

80+ population doubles until 2050; 60+ from 20% (2000) to 29% (2025)

21% of 50+ population has severe vision/hearing/dexterity problems

Today 4 working for 1 retired, in 2050 only 2 working for 1 retired

*Shortfall of care staff,
(estimated need for 20 million informal carers by 2025, FEPEM)*

Economic opportunity

Empowering elderly persons to age actively

Wealth and revenues in Europe of persons over 65 is over 3000 B€

85 million consumers in Europe over 65 today, 150 Million by 2050

Telecare market >5 B€/year by 2015 in Europe

In conclusion Danube and ICT

- ICT becomes a core infrastructure,
 - part of the answer to future Challenges
- Define your strengths and need
- eDanube, excellent ground for collaboration
- Look for partners and get in the programme



Getting help with proposals

- <http://ec.europa.eu/research/participants/portal>
- <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>

Many thanks for your attention!

per.blixt@ec.europa.eu

European Innovation Partnership on Active & Healthy Ageing



How?

Innovation is the key

In genetics, e-health, ICT, bio-technology & bioinformatics, & material sciences

Technological change = **driver** for improved productivity & economic growth

Substitution of old treatments with **novel ones**

❖ productivity gains, improved health outcomes

Expansion of innovative treatments

❖ => demand & supply match, diagnosed & treated patients, improved health outcomes

Business & growth opportunities for pharmaceutical, medical devices & products sectors

European Innovation Partnerships on Active & Healthy Ageing



What?

Added value of EIP

FACILITATING SCALING UP & MULTIPLYING

**JOINING UP
RESOURCES
&
EXPERTISE**



**BRIDGING
GAPS
&
SPEEDING UP
INNOVATION
PROCESS**

IMPROVING FRAMEWORK CONDITIONS

ICT in FP7: Objectives and Overview

The objective of ICT research under the EU's Seventh Framework Programme (FP7) is to improve the **competitiveness of European industry** – as well as to enable Europe to master and shape the future developments of these technologies so that the **demands of its society and economy** are met.

The EU Member States have earmarked a total of **€ 9.1 billion for funding ICT** over the duration of FP7; making it the largest research theme in the Cooperation programme, which is itself the largest specific programme of FP7 (with 64% of the total budget).

FP7 research activities will strengthen Europe's scientific and technology base and **ensure its global leadership in ICT**, help drive and stimulate product, service and process innovation and creativity through ICT use and **ensure that ICT progress is rapidly transformed into benefits** for Europe's citizens, businesses, industry and governments.

ICTWeb

This website brings together information on:

- the FP7ICT research [programme](#) and its objectives;
- [participating](#) in ICT research under FP7 – including [calls](#) for proposals;
- research and development [projects](#) carried out under FP7 and FP7;
- the latest [news](#) on programme, projects and participation in the ICT Newsroom.

