

European Commission Funding Opportunities

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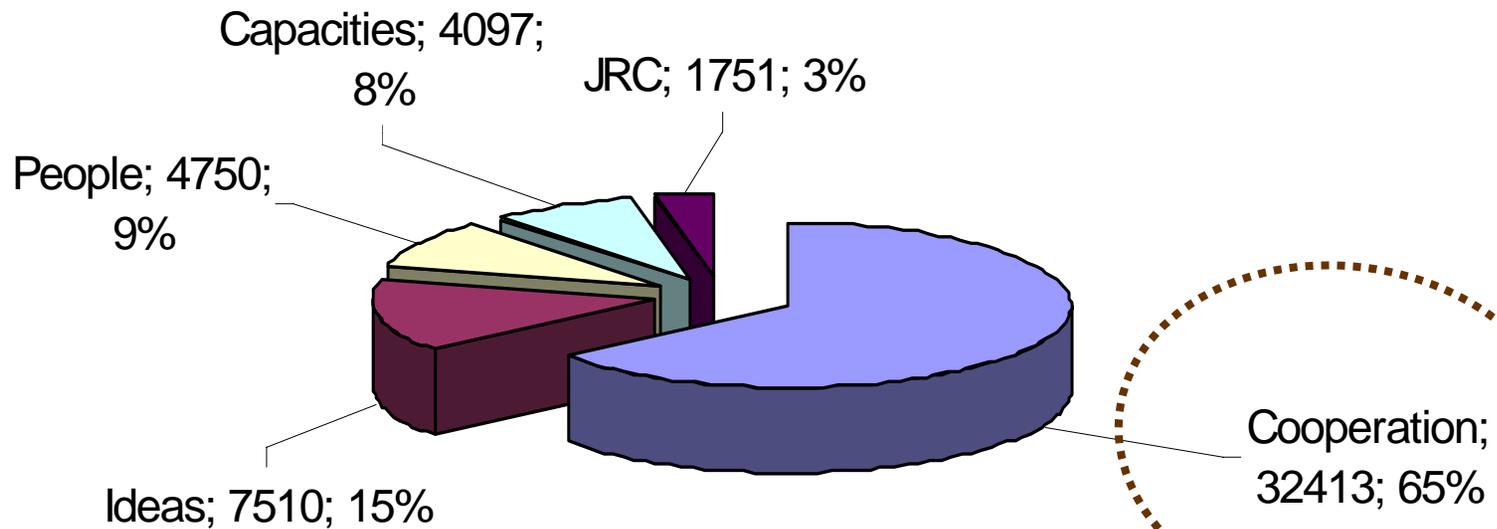


ICT underpinning the EU's growth and sustainable development

- Essential enabler of economic growth
 - ICT represents ~6% of EU GDP, but is responsible for half of productivity gains in our economies
 - ICT industry employs 6.5 Million people in the EU
 - ~12 Million people work in ICT in the EU
- Instrumental to address key societal challenges
 - Health, environment, energy efficiency, ageing, inclusion,...
- Underpins innovation and science progress in all sectors
 - Higher value products and services, enterprise efficiency
 - Modelling, sensing, simulation for science and engineering



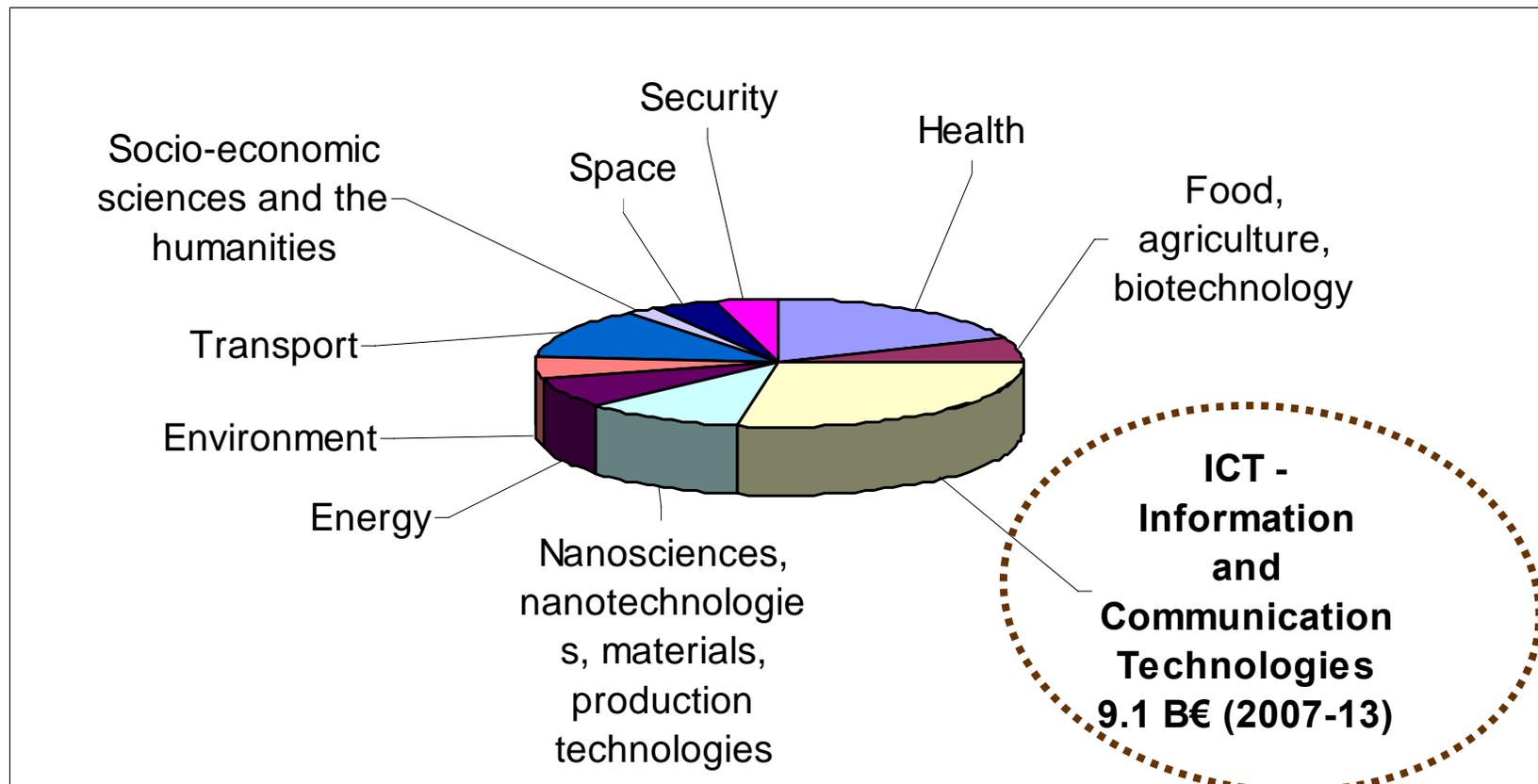
Seventh EU Framework Programme for RTD: total ~50 B€



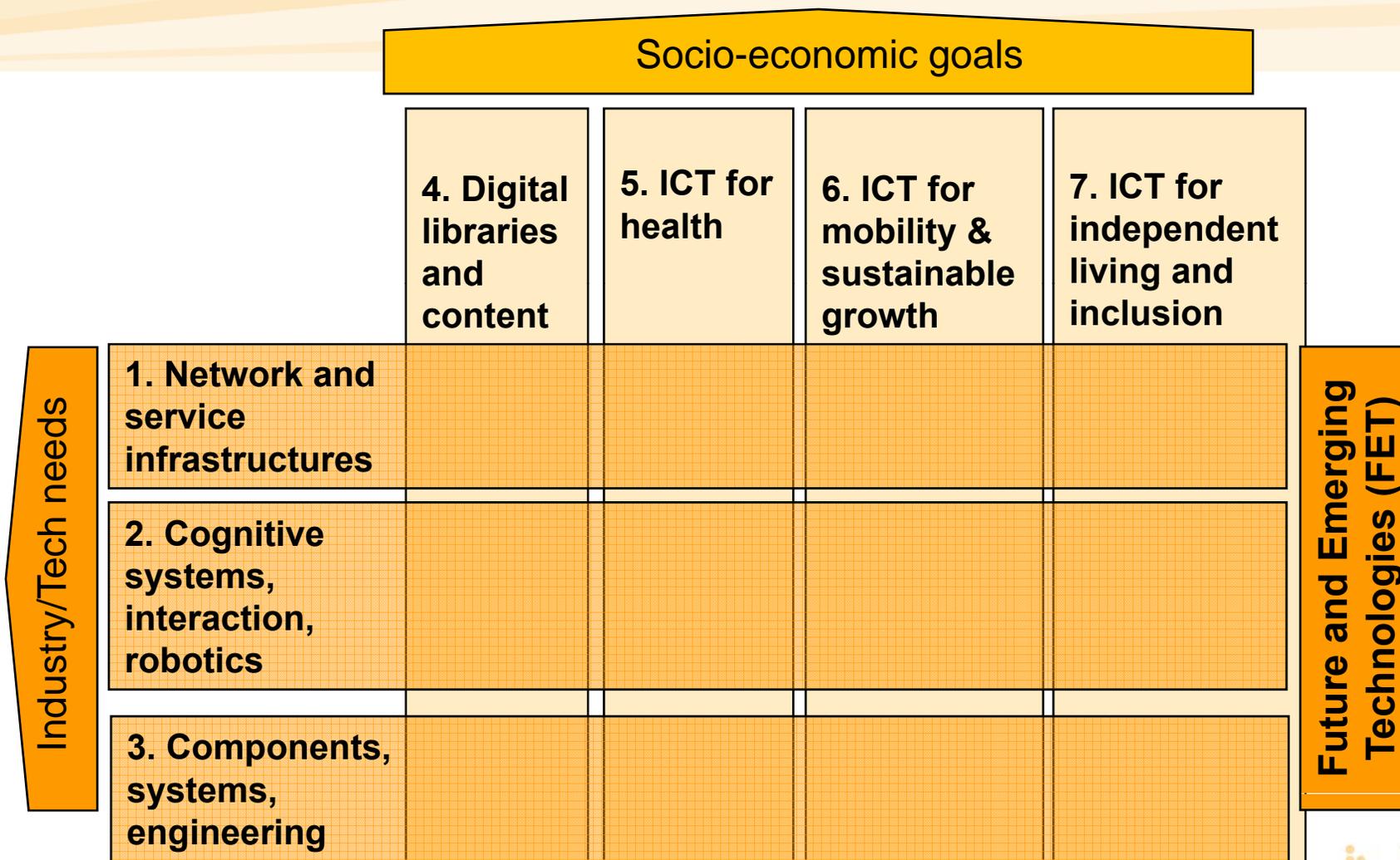
M€



FP7 Cooperation Programme



ICT in FP7: 7 Challenges + FET



Where do we stand?

- Behind us:
 - Three main Calls for proposals in 2007-08
 - 2.1 B€ of EU funding,
 - Around 500 projects launched or to be launched (out of ~3000 proposals received)
 - Launch of the first Calls of two Joint Technology Initiatives (JTI) and Ambient Assisted Living Joint Programme (AAL) (~120 M€)
- Ahead of us
 - WP 2009-10, 1.9 B€ funding
 - + JTIs ~190 M€ funding
 - +AAL around 50 M€ funding

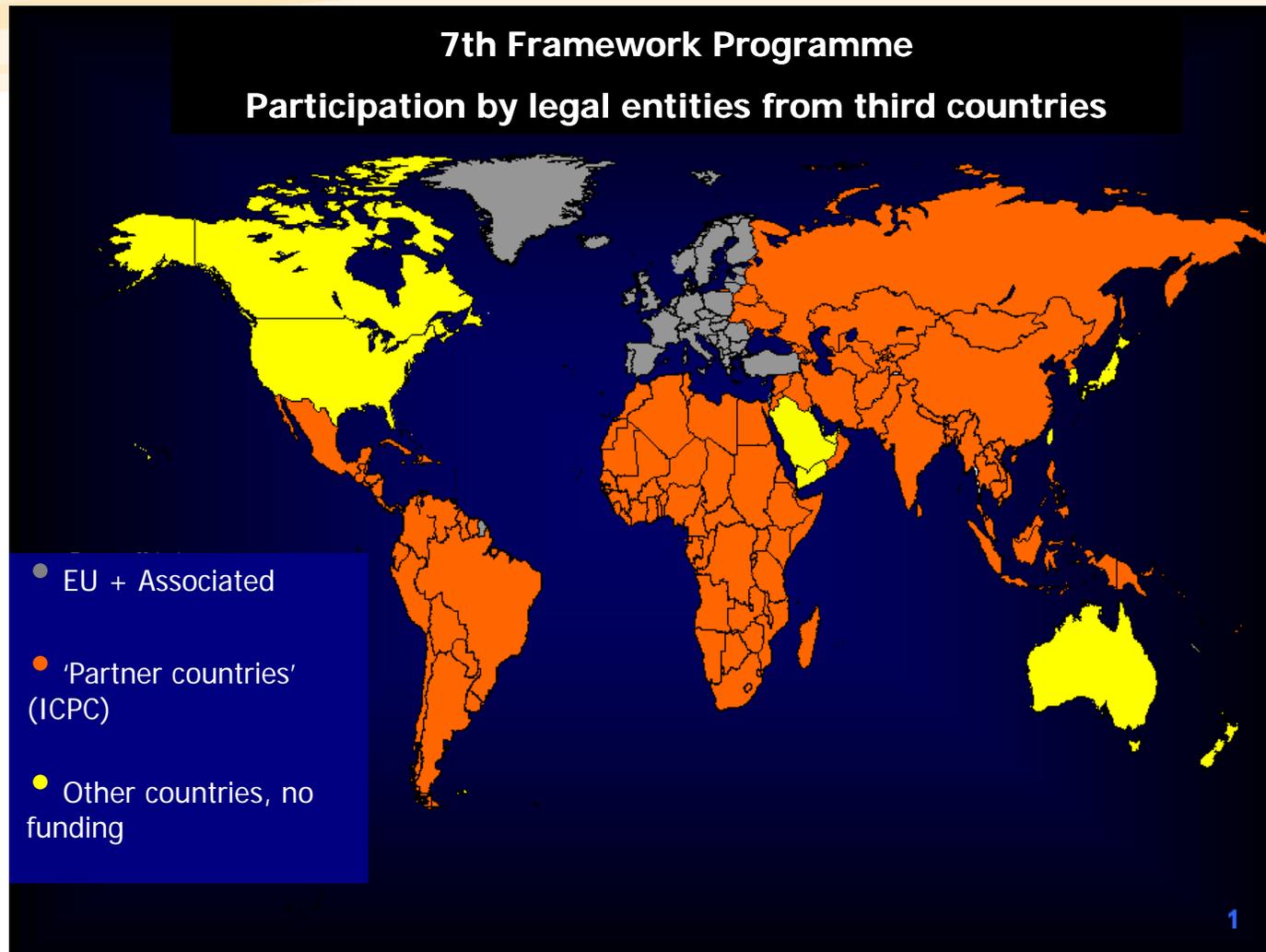


International cooperation

- Jointly respond to major global technological challenges by developing interoperable solutions and standards
 - high income countries and/or emerging economies
- Jointly develop ICT solutions to major global societal challenges
 - establish long-term partnership with low-income countries
 - address development issues through ICT
 - develop new markets for European industry
- Improve scientific and technological cooperation for mutual benefit
 - establish strategic partnerships with emerging economies
 - promote cultural diversity and mutual understanding
- Support to information society policy dialogues
 - contribute to increasing the participation of third country organisations
 - facilitate the widest diffusion and local exploitation of ICT research results



FP7 Categories of Countries



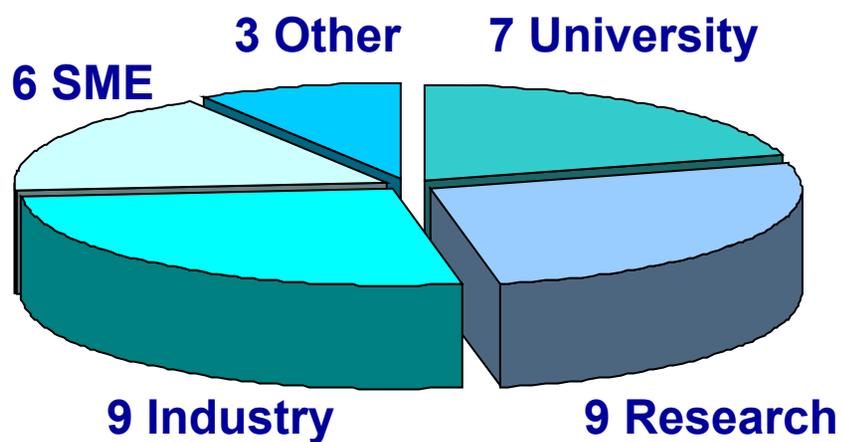
In more details: Targeted opening

- Challenge 1. Networks and services
 - Future Internet, Japan, USA
 - Internet of things / RFID, North America, China, Japan, Korea
 - Trustworthy ICT, Developed countries, BRICs
 - Digital TV, Latin America
- Challenge 3. Components, Systems, Engineering
 - Semiconductors, components, nanoelectronic technologies (Russia, India, Japan, USA, Taiwan,)
 - Embedded systems, (USA, India)
 - Photonics, (Canada, Russia, USA, Australia)
- Challenge 5. ICT for Health
 - ICT for patient safety, USA, Canada, Japan
- Challenge 6: ICT for mobility, environmental sustainability.
 - ICT for Mobility of the Future

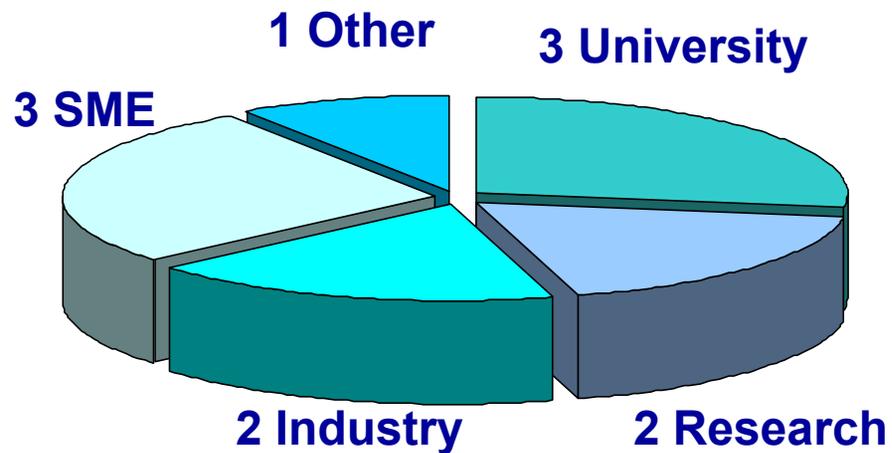


Types of organisation in typical projects

IP



STREP



Requested contribution (submitted)
Recommended (ranked list)
Number of partners

IP	STREP
13.2 M€	2.4 M€
9.3 M€	2.1 M€
34	11

FP7 | People

Marie Curie Actions- Fellowships, Grants, Awards

1. Initial training:

- *Networks for Early stage researchers*

2. Life long training and career development:

- *Intra European Fellowships*
- *European Reintegration Grants*
- *Co-funding of national programmes*

3. Industry dimension:

- *Industry-academia partnership and pathways*

4. International dimension:

- **Outgoing fellowships**
- **International reintegration grants**
- **Incoming fellowships**
- **International staff Exchange Programmes (S&T, ENP)**

5. Specific actions

Such as: 'Researchers' Night'; Marie Curie Awards, ERA-More; networking of NCPs



FP7 | Ideas

conducting Frontier Research-

The European Research Council (ERC)

- **European Research Council (ERC)** – the first pan-European funding agency for Frontier Research
- Support **investigator-driven** frontier research
 - over all areas of research
 - competition as EU level
 - excellence as sole criterion
- Budget ~ **€1 billion per year** (2007-2013 ~ €7.5 billion)
- Autonomous scientific governance (Scientific Council)



ERC Starting Grant

(ERC Starting Investigator Researcher Grant)

- **Principal Investigator – 3 to 8 years after PhD**
- Support researchers at the start of their independent research career and **establishing or consolidating their own independent research team** (or research programme)
- Provide a structure for **transition** from working under a supervisor to an independent research leader
 - ~ **up to 2,000.000 Euros per grant** (for 5 years, pro rata reduction for shorter periods)
 - ~ **1/3 of ERC annual budget** per year, annual calls
 - ~ **300 Starting Grants per year**, ~1500 Starting Grants over 7 years of FP7 (2007-2013)



Next steps

- 19 November 08: ICT Call 4 launch (800 M €)
- ICT 2008 Conference in Lyon: 25-27 November
- July 09: ICT Call 5 launch (720 M €)
- December 09: ICT Call 6 launch (287 M €)
- People Programme: regular deadlines
- ERC Starting Grant Deadline: (29 Oct, 10 Dec)



More Information

- EU research:
<http://ec.europa.eu/research>
- Seventh Framework Programme:
<http://ec.europa.eu/research/fp7>
- Information on research programmes and projects:
<http://www.cordis.lu/>
- RTD *info* magazine:
<http://ec.europa.eu/research/rtdinfo/>
- Mobility (Marie Curie):
<http://europa.eu.int/mariecurie-actions>
<http://europa.eu.int/eracareers>
<http://europa.eu.int/mc-opportunities/>
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