International cooperation on research in
Trustworthy ICT-
the EU perspective

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European Commission R&D international cooperation policy

- Increase **competitiveness** through research partnerships with third countries

- Address **specific problems** that third countries face, or which have a **global character**, on the basis of **common interest** and **mutual benefit**

Why international collaboration in ICT ?

- Relation ICT – development

- Comparative advantages / different experiences

- Targeted research (applications that benefit developing countries)

Why cooperation on trustworthy ICT?

- Information society knows no boundaries, neither do the threats

- Stimulate the take-up of new services, bridging the digital divide

- Critical infrastructure protection

- Reliable and trustworthy provision of everyday services

- New challenges to security, data protection, privacy (ex. cloud computing)

EU-Africa cooperation: the current state

- "Science, **information society** and space" is one of the 8 themes of the **Joint EU-Africa partnership**

- **ICT/FP7 Research Programme**
  Cooperation with Africa on ICT research has grown significantly in the ICT/FP7 programme compared to IST/FP6

- Stimulating international collaboration for research in the specific area of T&S – **INCO-Trust** and **BIC**

Security, Privacy, Trust
in the Information Society

- Complexity, ease of use
- Role of end-users
- Society-protecting business models

Technology & Innovation

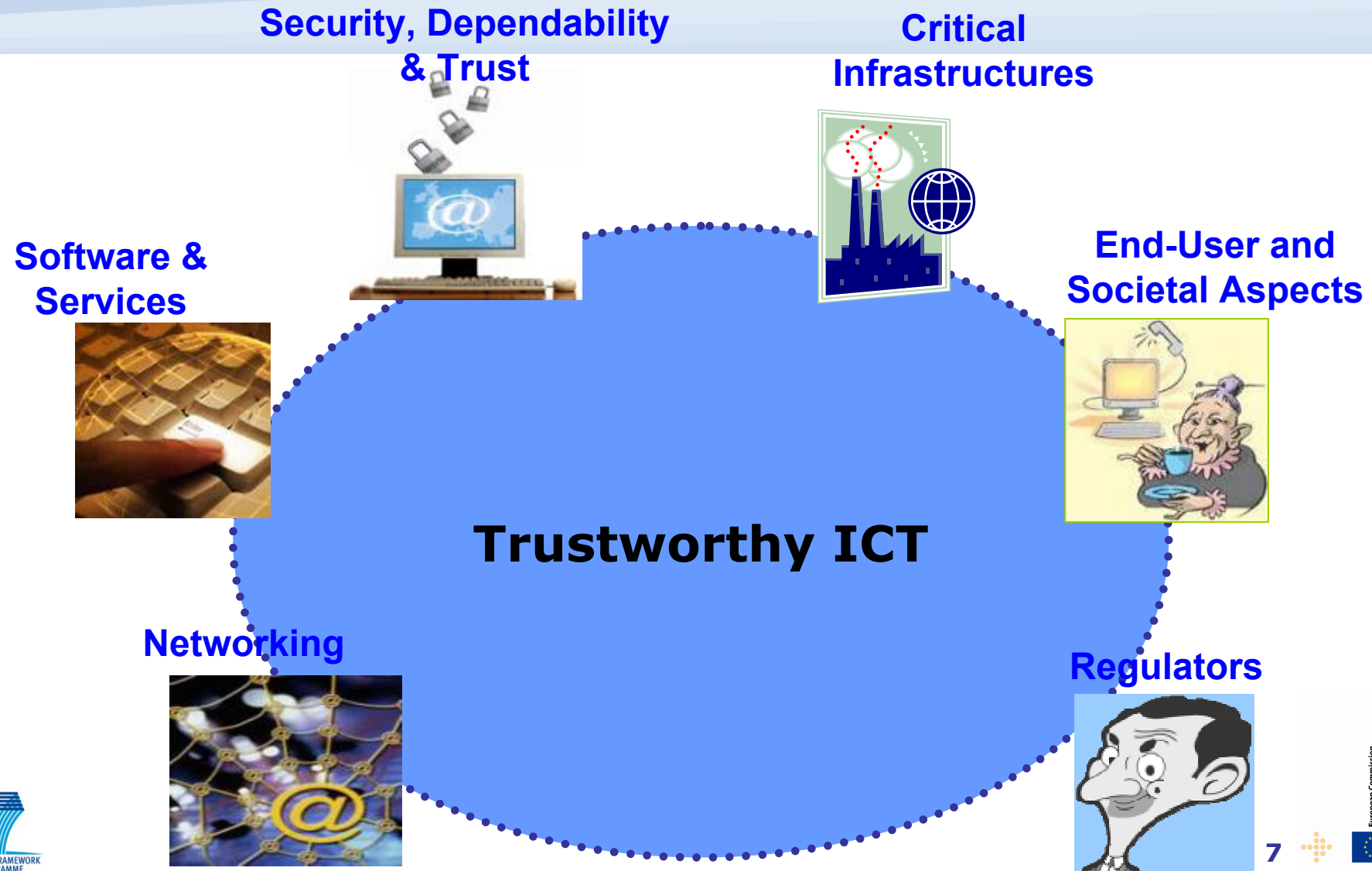**End-Users & the Society**

Trustworthy Information Society?

- Global ICT - national "frontiers"
- "Economics of security"
- Policies for privacy-respecting T&I?

- Security
- Protection of human values
- Transparency, accountability
- Auditing and Law enforcement

Policy & Regulation
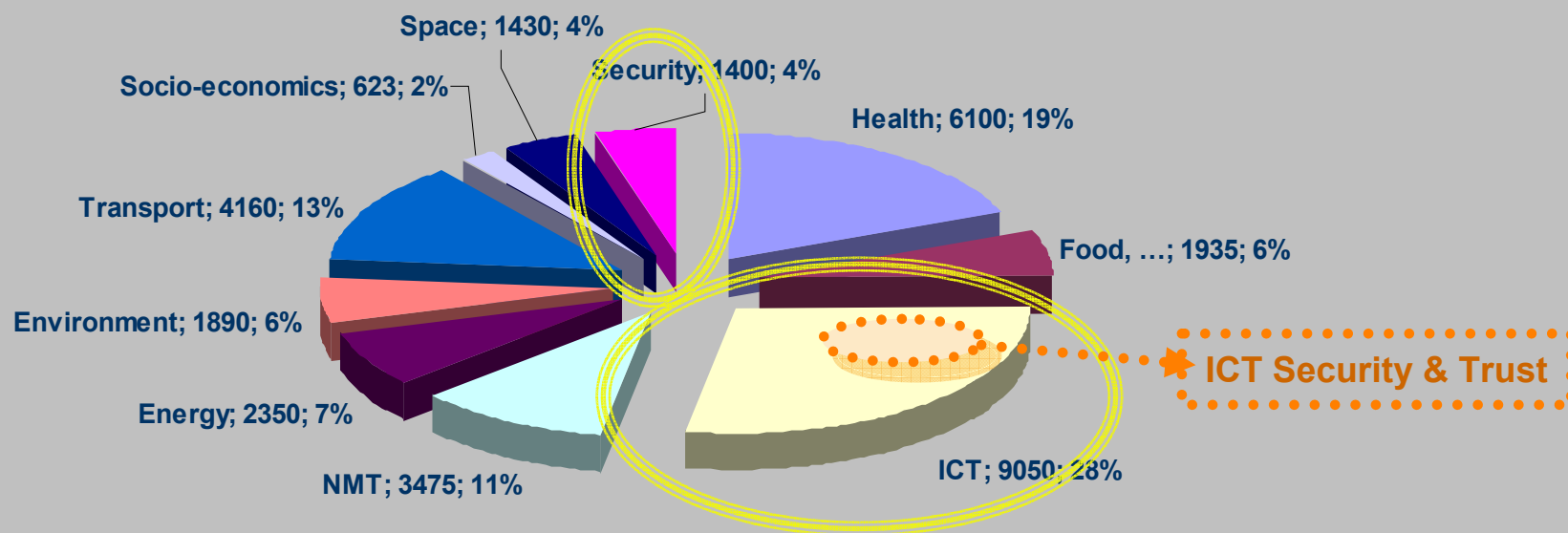
Trustworthy ICT Research Stakeholders

Security, Dependability & Trust

Critical Infrastructures

Software & Services

End-User and Societal Aspects

Trustworthy ICT

Networking

Regulators

7th EU Research Framework Programme (2007-2013)

Total 50,521 M€

**FP7 Cooperation Programme: 32,413 M€
The 10 Themes**

- Space; 1430; 4%
- Socio-economics; 623; 2%
- Security; 1400; 4%
- Health; 6100; 19%
- Transport; 4160; 13%
- Food, …; 1935; 6%
- Environment; 1890; 6%
- **ICT Security & Trust**
- Energy; 2350; 7%
- NMT; 3475; 11%
- ICT; 9050; 28%

Pervasive and Trustworthy Network and Service Infrastructures
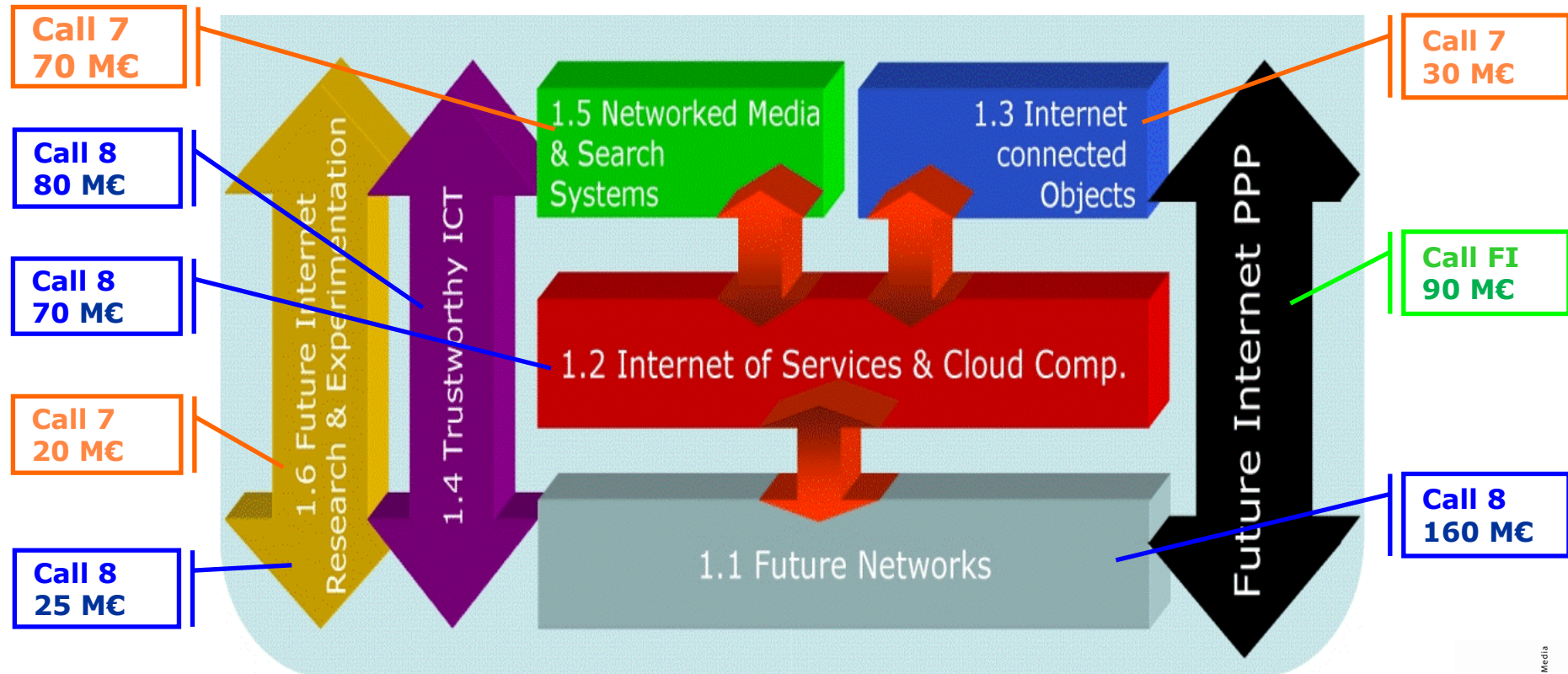
Call FI	20/07/10 – 02/12/10	
Call 7	28/09/10 – 18/01/11	
Call 8	26/07/11 – 17/01/12	

Heraklion, 01/07/2011

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Current portfolio
Trust and Security: 58 projects

of FP7 **Call 1** and **Call 5**

200 m€

Network infrastructures

4 projects
7 projects **40M€**

Identity management, privacy, trust

8 projects
5 projects **60M€**

Services infrastructures

4 projects
7 projects **48M€**

Critical Infrastructure Protection

9 projects **20M€**

Enabling technologies
Biometrics, trusted computing, cryptography

4 projects
4 projects **27M€**

Networking, Coordination and Support
Research roadmaps, metrics and benchmarks,
international cooperation, coordination activities

4 projects
2 projects **5M€**

FP7-ICT Call 8: 1.4 Trustworthy ICT

80 m€

20/7/2011 –17/1/2012

Heterogeneous networked, service and computing environments

Trust, eIdentity and Privacy management infrastructures

Data policy, governance and socio-economic ecosystems

70 M€
Min. 50% IPs
Min. 30% STREPs

Networking and coordination activities

Max. **10 M€**
NoE, CSA
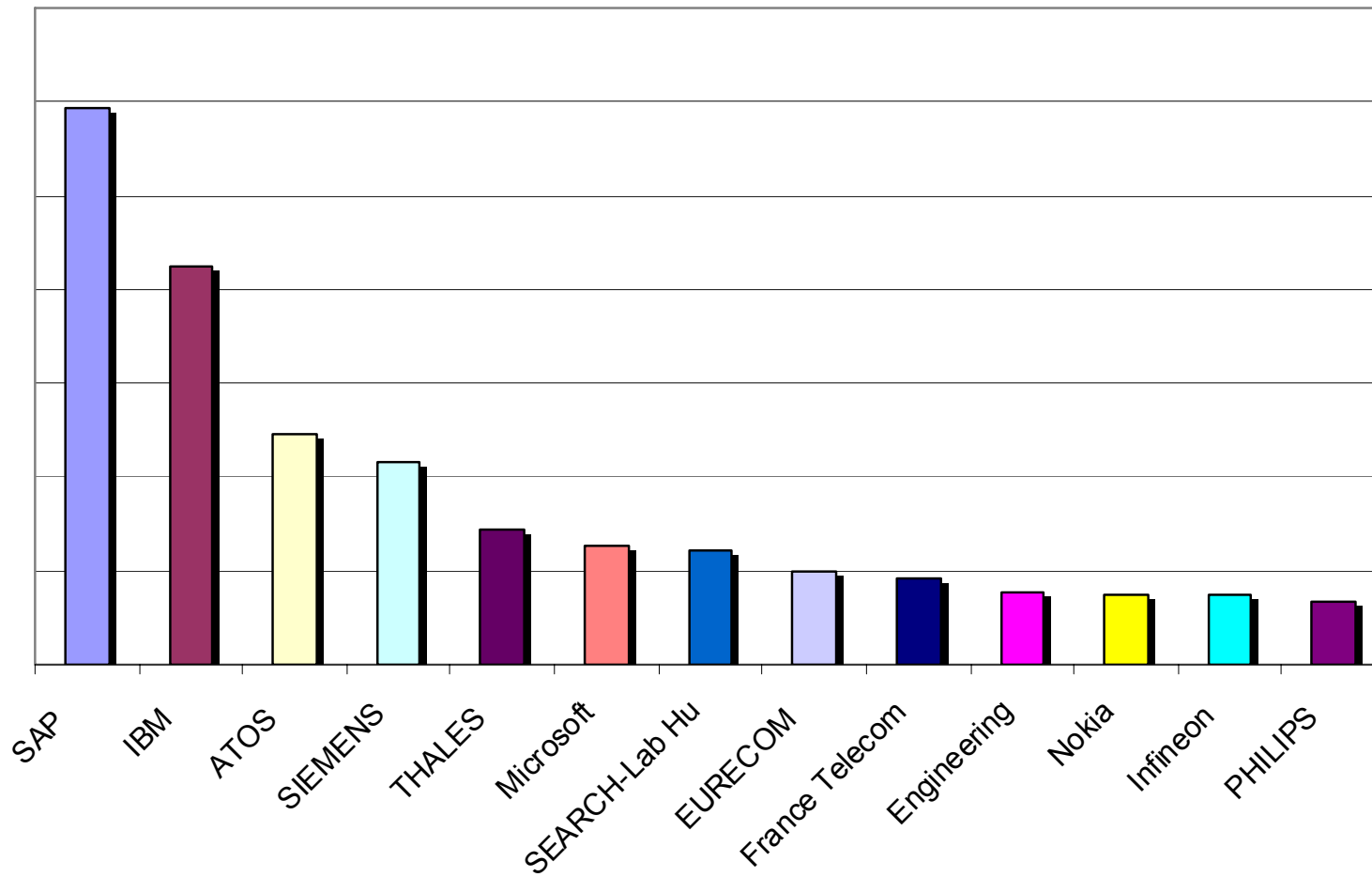
SEVENTH FRAMEWORK PROGRAMME

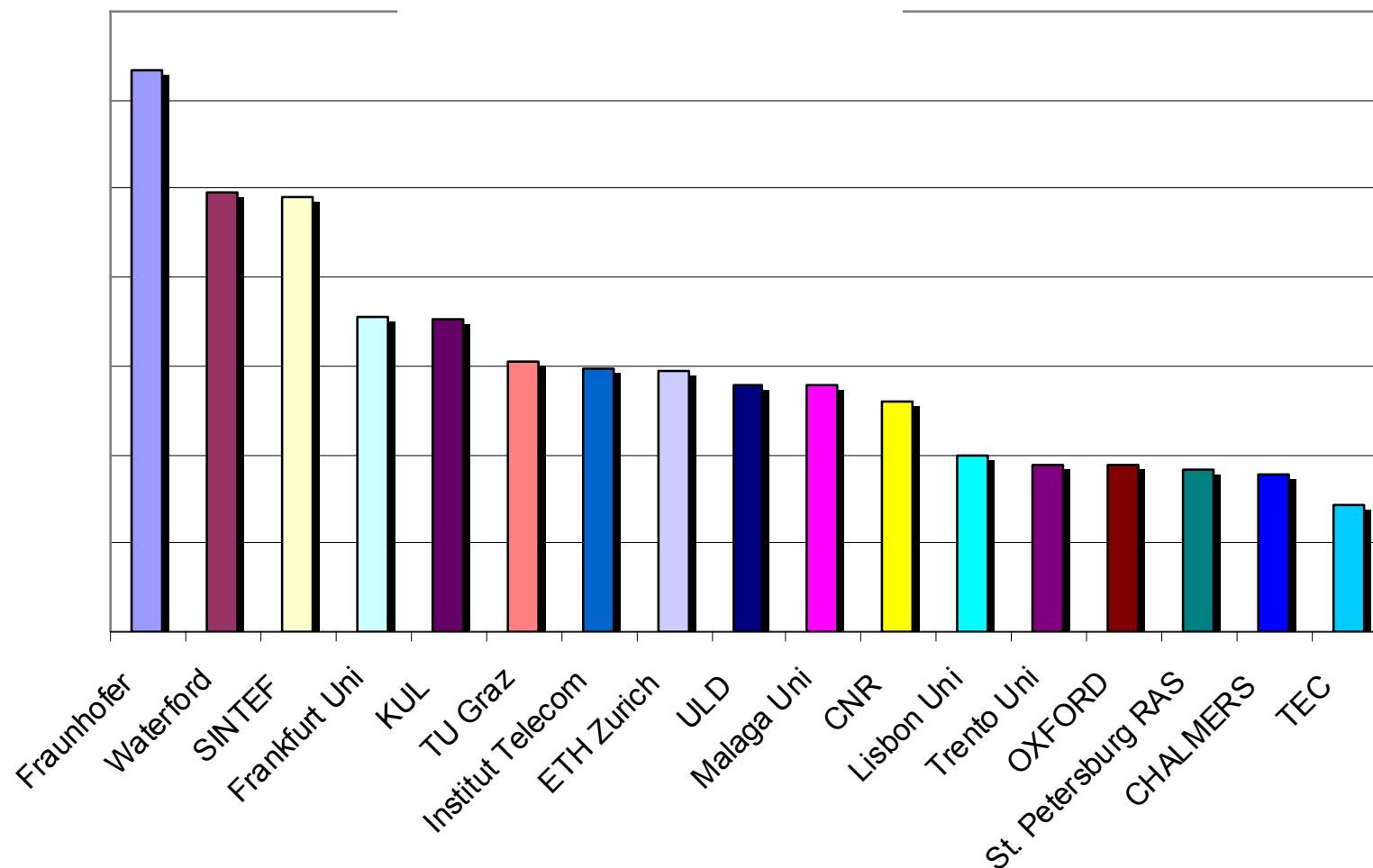European Commission
Information Society and Media

Our stakeholders
Main industrial beneficiaries in Call 5 projects

Our stakeholders
Main academic beneficiaries in Call 5 projects

low trust = low use

- •Digital single market

- •Interoperability and standards

- •Trust and security

- •Very fast Internet

- •Research and Innovation

- •E-skills

- •Social challenges

Main objectives of today's event

- Exchange of views on the current state of the art

- Get to know better each other's capabilities, achievements and research interests

- Identification of common challenges

- Prepare the ground for future cooperation