

**4th Euro-Africa Cooperation Forum on ICT Research  
Cape Town, South Africa, Nov. 14-15, 2011**

***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

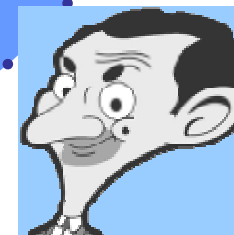


**Trustworthy ICT**

Networking



Regulators

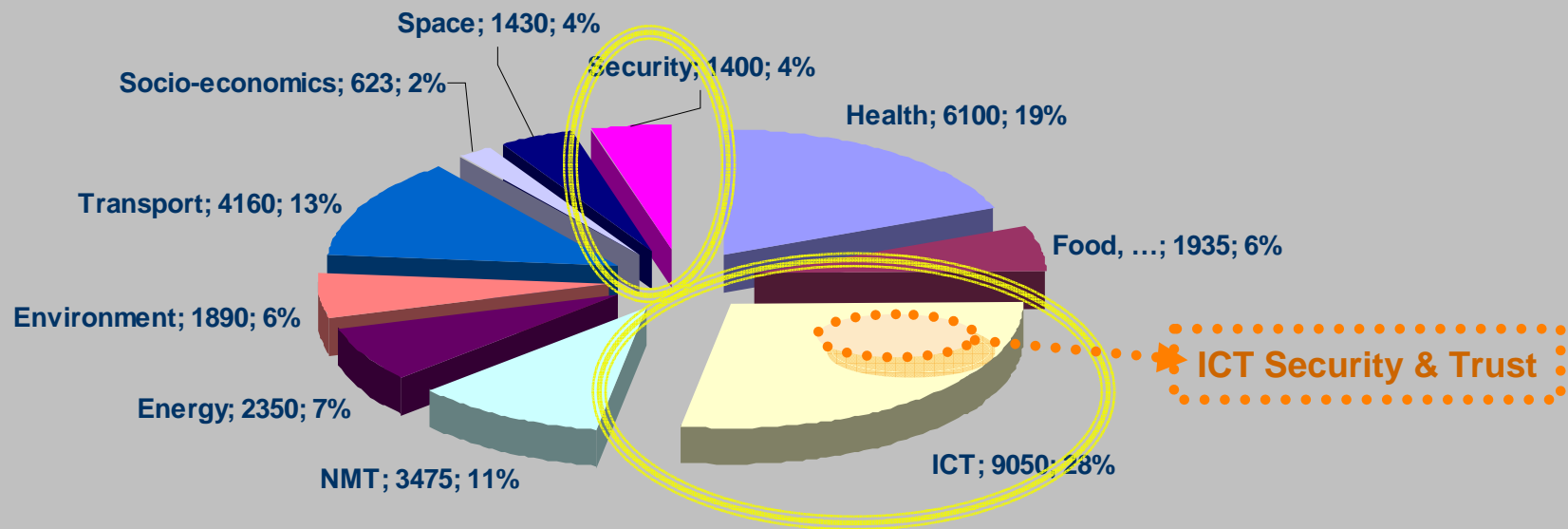


# 7th EU Research Framework Programme (2007-2013)

Total 50,521 M€

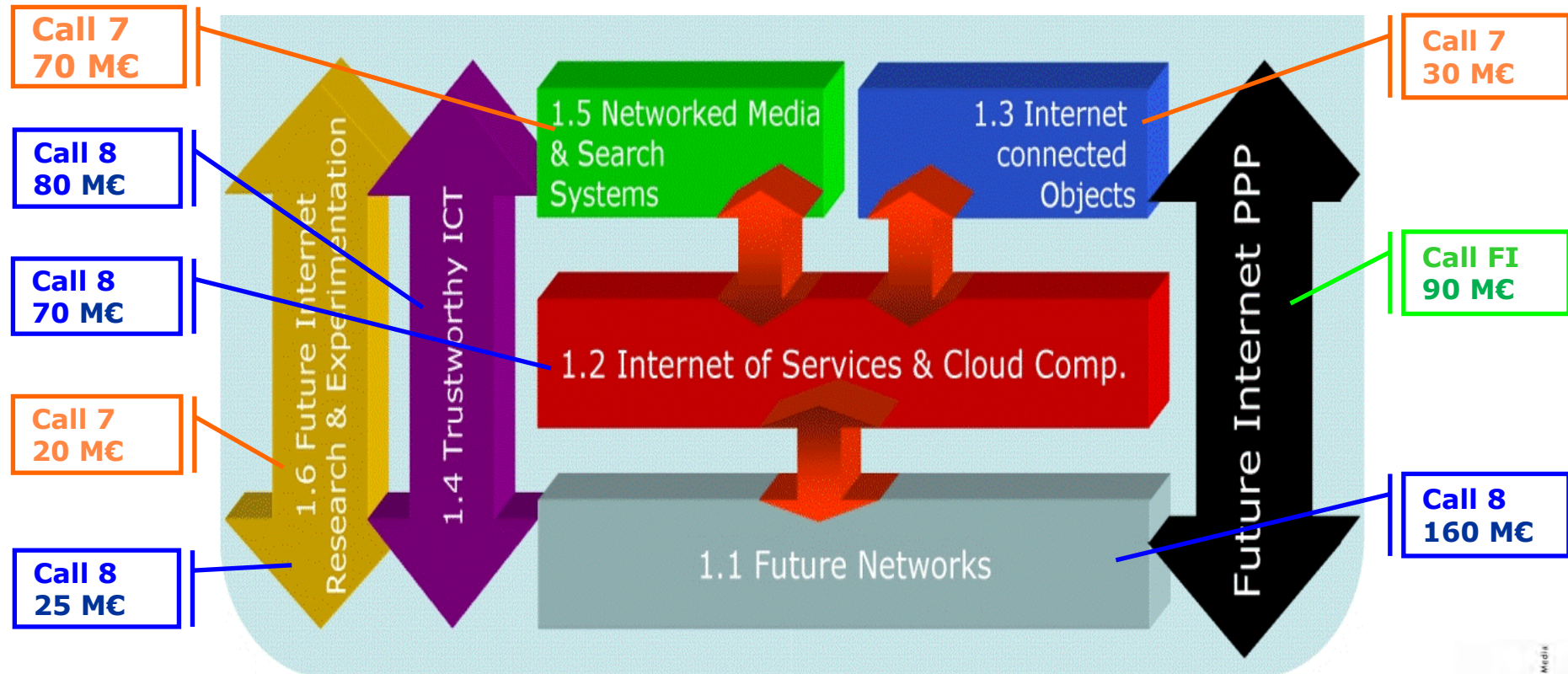


## FP7 Cooperation Programme: 32,413 M€ The 10 Themes



# FP7 Infso - Challenge 1

## 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

# 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

Networking and coordination activities

**70 M€**

Min. 50% IPs

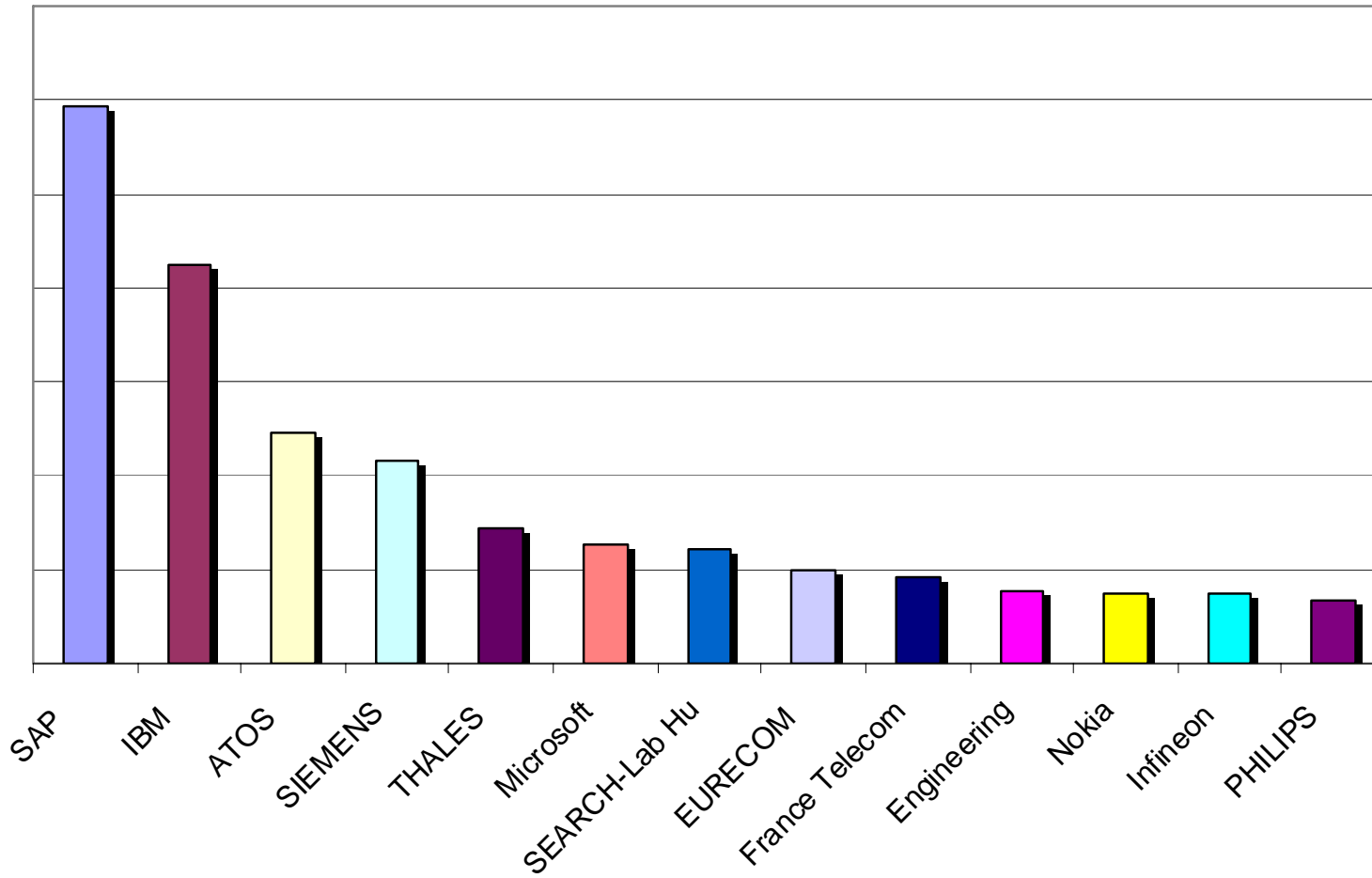
Min. 30% STREPs

Max. **10 M€**

NoE, CSA

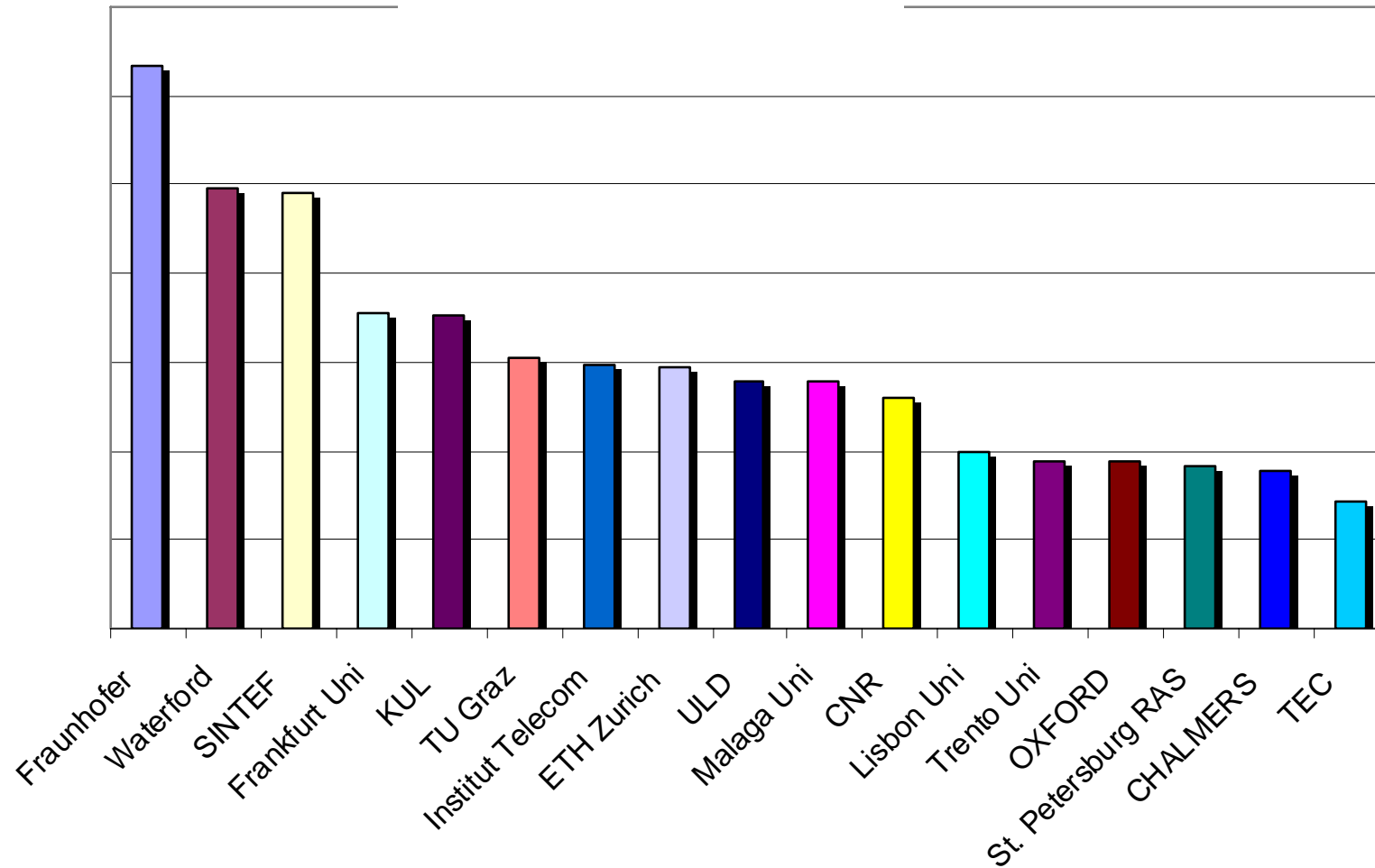
# Our stakeholders

## Main industrial beneficiaries in Call 5 projects



# Our stakeholders

## Main academic beneficiaries in Call 5 projects



# Trust and Security in the Digital Agenda for Europe

*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