

ICT NCP Meeting
Brussels, 13/05/2011

Objective 1.4
Trustworthy ICT

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Information Society and Media Directorate General

Unit F5 - Trust & Security

Trust and Security: 58 projects

of FP7 Call 1 and Call 5

200 m€

Network infrastructures

4 projects
7 projects **40ME**

Identity management, privacy, trust

8 projects
5 projects **60ME**

Services infrastructures

4 projects
7 projects **48ME**

Critical Infrastructure Protection

9 projects **20ME**

Enabling technologies

Biometrics, trusted computing, cryptography

4 projects
4 projects **27ME**

Networking, Coordination and Support

Research roadmaps, metrics and benchmarks, international cooperation, coordination activities

4 projects
2 projects **5ME**

FP7-ICT Call 8: 1.4 Trustworthy ICT

80 m€

26/7/2011 - 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

ICT Work Programme 2011 - 2012

Objective 1.4 Trustworthy ICT

Target outcomes

a) Heterogeneous networked service and computing environments

- Trustworthy architectures and protocols
- Trustworthy Future Internet
- Virtualisation and other techniques
- Metrics and tools for quantitative security
- Enabling technologies

b) Trust, eID and Privacy management Infrastructures

- Trust assurance
- Privacy infrastructures
- Management of ID claims (usability, privacy, control)

c) Data policy, governance and socio-economic ecosystems

- Management and governance frameworks for trust and security policies
- Technology supported socio-economics frameworks
- Multi-polar security governance
- Tools for trust measurement

d) Networking and Coordination Activities

- Stimulating and organising interplay technology-law-society-economy
- Promoting standards, certification, best practices
- Coordination national RTD activities

Expected Impact

Industrial competitiveness – Trustworthy ICT

Support to users - Confidence, usability and acceptance

Demonstrable improvements – Large scale networks, network attacks and security incidents

Significant contribution (Trustworthy Infrastructures, interoperability and standardization, usability and acceptance)

Coordination of research

Remember: The Workprogramme text is the official reference for the call



Trustworthy Information Society

ecosystem of digital communication,
data processing & service infrastructures

with trustworthiness in its design &
respect for human & societal values &
cultures

ensure strong interplay with legal, social
& economic research

Information Society

metrics & tools for quantitative security

trustworthy polymorphic future internet

virtualisation & other techniques

trustworthy architectures & protocols

communication infrastructure

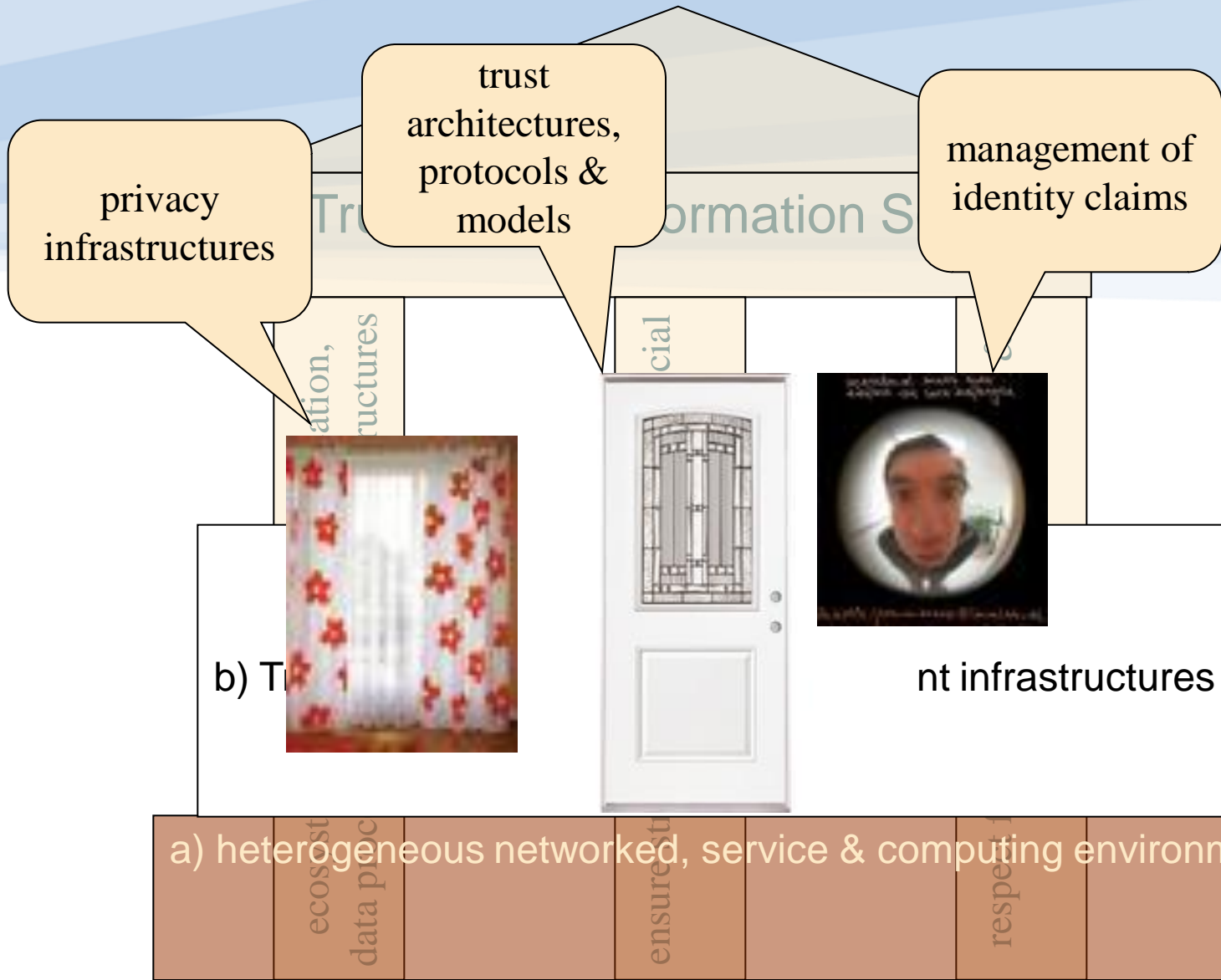
social



a) heterogeneous networked, service & computing environments

enabling technologies





Technology supported socio-economics frameworks

Multi-polar security governance

Tools for trust measurement

Management and governance frameworks for trust and security policies



a) heterogeneous networked, service & computing environments

d) Networking & Coordination activities

Informati



ecosystem of digital communication,
data processing & service infrastructures

b) Data policy, governance & security
economic ecosystems

b) Trust, identity & Privacy management infrastructures

ensure strong interplay with legal, social
& economic research

respect for human & social
cultures

a) heterogeneous networked, service & computing environments

Don't forget the **IMPACT**

- EU competitiveness
- support to users
- improvement of the trustworthiness
- increased usability & user acceptance
- protection against threats
- trustworthy EU infrastructure
- improved interoperability
- coordination

"We" want...

- An Influential Trust & Security community in Europe
- A competitive Trust & Security contributing to trustworthy ICT
- To support

Research

Industry

Policy

Let's do it together...!

The Take Away

- Opportunity to...
 - Update research lines
 - Expand our constituency (new players)
- Beyond state-of-the-art
 - Future trends / long term innovation
 - Pursue exploitable outcomes and ensure contribution to expected impact

Practical preparations for Call 8

- Attend Info days
- We might organise preparatory workshops
- Organise workshops yourself!
- Know ongoing/former projects and initiatives

For more information

FP7

<http://cordis.europa.eu/fp7/>
<http://cordis.europa.eu/fp7/ict/>

Trust & Security

<http://cordis.europa.eu/fp7/ict/security/>

Future Internet

<http://ec.europa.eu/foi>
<http://www.future-internet.eu/>

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