ENISA - Implementing Privacy in Online Service Models

The Challenges of Implementing Privacy – a European Commission perspective

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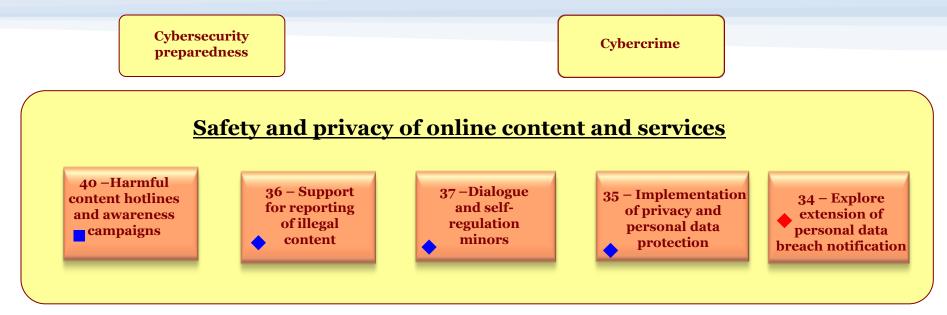# I. EC Policy - Trust and Security in the Digital Agenda

low trust = low use

- Digital single market
- Interoperability and standards
- Trust and security
- Very fast Internet
- Research and Innovation
- E-skills
- Social challenges
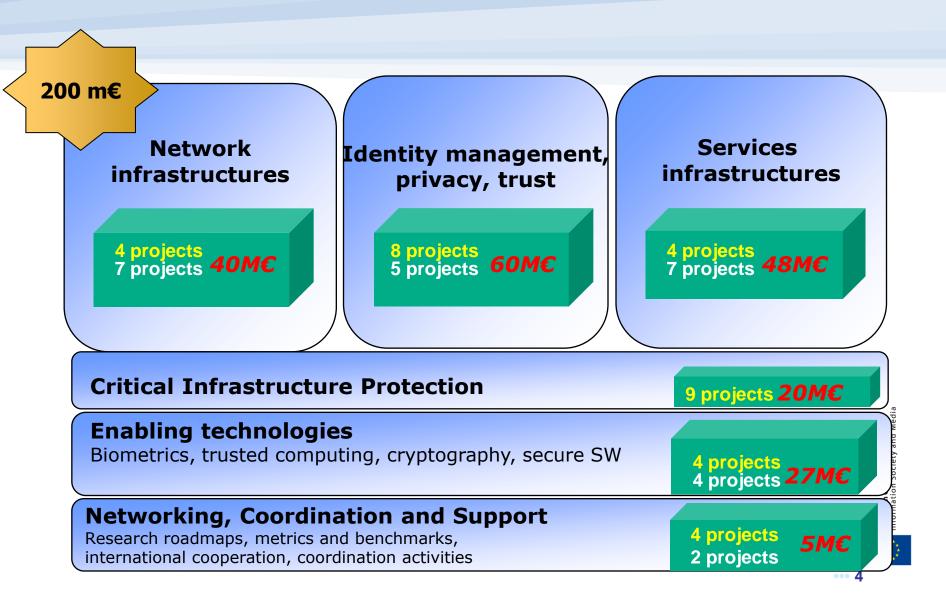
Privacy in Pillar 3 "Trust and Security" of the DAE

Cybersecurity preparedness

Cybercrime

Safety and privacy of online content and services

40 –Harmful content hotlines and awareness campaigns ■

36 – Support for reporting of illegal content ◆

37 –Dialogue and self-regulation minors ◆

35 – Implementation of privacy and personal data protection ◆

34 – Explore extension of personal data breach notification ◆

● INFSO CdF

● HOME CdF

● Others COM CdF

◇ Commission action

□ Member States action

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II. FP7 – 58 Trust & Security projects

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, secure SW

4 projects
4 projects **27M€**

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

4 projects
2 projects **5M€**

Privacy-related projects

ENDORSE ABC4Trust GINI-SA

PRIME FIDIS

PRIMELIFE SWIFT

Privacy Protecting Technologies

PICOS TAS3

e-Identity Management

SEPIA ECRYPT (II) TURBINE

Enabling Technologies (Biometrics, Certification, Cryptography)

MOBIO ACTIBIO TABULA RASA

http://cordis.europa.eu/fp7/ict/security/projects_en.html

Our next steps?

- **Call 8 (26/7/2011 –17/1/2012)**

  80 M€

  Work Programme 2011-12

  Target Outcome b) *Trust, eID and Privacy management Infrastructures*

  - trust architectures, protocols and models for trust assurance
  - Protocols for privacy infrastructures
  - Interoperable or federated management of identity claims

- **Preparing for FP8**

Discussion of future R&D priorities in 2011:
- What are the remaining technological challenges for Privacy, ID management and trustworthy ICT?
- How can R&D lead to innovative deployment?

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"We" want…

- An Innovative Trust & Security…..................... **Research** community in Europe

- A competitive Trust & Security……..….…......**Industry** contributing to trustworthy ICT

- A consistent and effective European…………..**Policy** framework of privacy rules

Leading to…

- An inclusive digital society in Europe, where…**Citizens** trust ICT and see their privacy protected

Our challenges

I. Technological:

- Privacy by design
- Control of our past and future digital identity
- Deletion of personal data
- Privacy in the Future Internet (Internet of Things, Cloud Computing, Mobile Computing)

II. Innovation

- Can privacy R&D keep pace of changing digital society?
- Is there a market for privacy technologies?
- How can the uptake of research results be streamlined?
- Which environment for privacy awareness and empowerment of the citizen?

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Thank You !

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