

01 December 2008, 04:30 - 6:00 pm
Session #5 - Security and Trust in Networks and Services

Research for Security and Trust in ICT – FP7

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*An event organised by the European Commission (DG INFSO)
& the South Korean Ministry of Knowledge Economy (MKE)*

*December 1-2, 2008
Radisson SAS Royal Hotel
Brussels, Belgium*



FP7 ICT (2007-08): 33 new R&D projects in Security & Trust

110 M€

Network infrastructures

4 Projects
11 m€

3 Projects
9.8 m€

Identity management, privacy, trust policies

4 Projects
22.5 m€

Dynamic, reconfigurable service architectures

1 Project
9.4 m€

4 Projects
18 m€

Critical Infrastructure Protection

9 Projects: 20 m€

Enabling technologies for trustworthy infrastructures

Biometrics, trusted computing, cryptography, secure SW

4 Projects: 16 m€

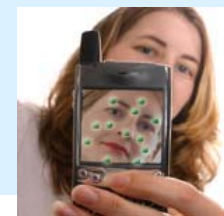
Coordination Actions

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

4 Projects: 3.3 m€

Examples of FP7 Project Research

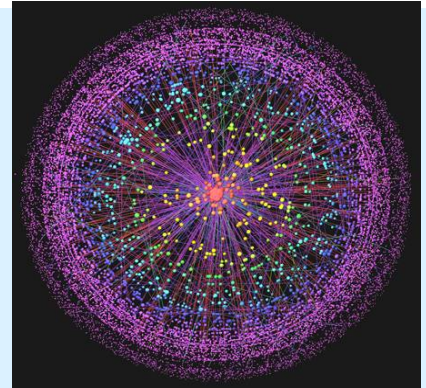
- **Security in Network Infrastructures**
 - Resilience of and across heterogeneous networks
 - Data gathering & analysis for preventing cyber threats
- **Security in service architectures**
 - Assuring security level and regulatory compliance
 - Specification and validation of trust and security of SOAs
- **User-centric identity and privacy management**
 - In Future Networks and Services (Future Internet)
 - Trusted SOA enabling user-centric data management policies
 - Privacy-preserving network monitoring
- **Critical Infrastructure protection**
 - Interactions and complexity in ICT with other infrastructures
 - Secure and resilient information and process control systems
- **Enabling technologies**
 - Crypto; Trusted Computing; Biometrics
 - Secure software and software assurance



Trustworthy Future Internet!

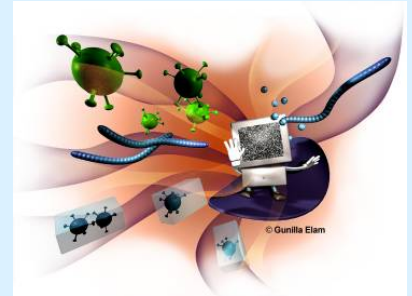
■ Securing the Architecture

- Secure, trusted and privacy respecting architecture
- Secure network management & control
- Securing virtual entities and virtualised infrastructures



■ Protection against Threats

- Threat prediction and prevention
- Self-protection and resilience



■ Privacy, ID-M and Trust

- Identity in the Future Internet
(persons, things, virtual entities)
- Trust instantiation in the Future Internet



Coordination Actions

FORWARD → 24 months, 890 K€EC funding

■ Coordinating EU Research in emerging Cyber-threats

- Working Groups:
smart environments, malware and fraud; critical systems;
- Collaboration with Industry – input to policy makers
- <http://www.ict-forward.eu/>



INCO-TRUST → 30 months, 830 K€EC funding

■ International Cooperation in ICT Security & Trust

- USA (NSF, DHS), Japan, Australia, Canada, S. Korea
- EU Korea Forum: 16 JUN 2008 (Seoul)
- INCO-workshop in April 2009 in Madrid [TBC]
- <http://www.inco-trust.eu>

INCO-TRUST

www.inco-trust.eu





Thank you for your attention!

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