

ICTPSP Call 2008

**consensus building and experience
sharing on internet evolution and
security**



European Commission
Information Society and Media

Consensus building, experience sharing on Internet evolution and security: thematic Networks

- Objective 3.1: A European concerted effort on RFID
- Objective 3.2: Trusted Information Infrastructures and Biometric technologies
- Objective 3.3: Leveraging IPv6 take-up in Europe for scaling the expected growth of the Internet



A European concerted effort on RFID (one thematic network)

Florent Frederix

Head of sector

Networked Enterprise &
Radio Frequency Identification (RFID) unit

The European concerted effort on RFID

- **The objective** is a platform for all European key stakeholders in the development and use of RFID technology and applications.
- Stakeholders should include Member States, industry, RFID advocacy groups and civil society.
- In principle the thematic network should be the logical evolution of the RFID Expert Group established by the European Commission in June 2007, which is expected to complete its tasks in early 2009.

Assignments for the RFID Thematic network

- The platform aims to:
 - foster the ongoing RFID consultations.
 - federate existing initiatives in a European initiative on RFID,
 - maintain a roadmap of the relevant technologies, their applications and potential privacy and security threats.
 - create the environment for progress in related European standardisation and critical infrastructure governance issues.
 - monitor and, where appropriate, link to RFID policy initiatives in other regions of the world.
 - identify best practices to achieve progress towards a single market for RFID applications by raising awareness and removing barriers to its effective, secure and privacy-friendly deployment.
 - to support the EU/US transatlantic "Lighthouse priority project" on RFID.

Participation in the thematic network

- A wide but strictly relevant participation is desirable, acting as a catalyst in federating/harmonising national initiatives and in catering for the different "speeds" of Member States and specific industry sectors.
- The information gathered and the activities of the platform should be the basis for awareness-raising and education directed at both the stakeholders and the general public.

Grant details:

- *Thematic network*
- *Number of proposals to be funded: 1*
- Budget from 0.5 to 1 M€

Next (last) networking opportunity

- *RFID Thematic network networking day*
- When: May 26, 2008 14:00 – 17:00
- Location: Beaulieu 25, Brussels
- More info:
http://ec.europa.eu/information_society/policy/rfid/



Trusted Information Infrastructures (one TN) and Biometric technologies (one TN)

Dirk Van Rooy
Security unit

Objective 3.2 a): Trusted Information Infrastructures one thematic network

- Broad sense - set of hardware and software features
- Computing architecture: platform, operating system, middleware, application, services, trust infrastructure
- Build consensus, develop roadmaps, identify best practices
- Trusted information infrastructure for eServices under real-life operational conditions

Objective 3.2 a): Trusted Information Infrastructures

- Technical, organisational, policy and societal issues
- Practical application scenarios and use cases
- Technical or organisational certification requirements
i.e. in relation to security and privacy compliance
- Key stakeholders: public-private partnerships, public organisations, service providers, industry, research, user/consumer organisations, others

Objective 3.2 b): Biometric Technologies

- Background: rapid deployment – need to ensure technically, legally and ethically sound deployment European-wide
- Sharing experience – raising awareness
- Best practices, certification modalities
- Practical application scenarios, test and use cases

Objective 3.2 b): Biometric Technologies

- Legal requirements (e.g. data/privacy protection), cultural, societal requirements
- Secure and trustworthy biometrics applications
- Key stakeholders: public-private partnerships, service providers, industry, research , ethical experts

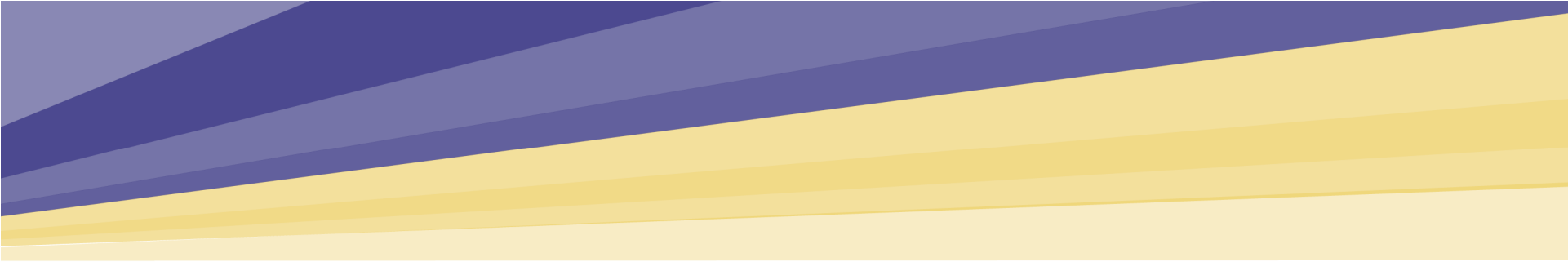
Trusted Information Infrastructures and Biometric technologies

Trusted Information Infrastructures

- *Thematic network*
- *Number of proposals to be funded: 1*
- Budget from 0.3 to 0.5 M€

Biometric technologies

- *Thematic network*
- *Number of proposals to be funded: 1*
- Budget from 0.3 to 0.5 M€



Leveraging IPv6 take-up in Europe (one thematic network)

Jacques Babot

New Infrastructure Paradigms and
Experimental Facilities unit

Objective 3.3: Leveraging IPv6 take-up in Europe

- **The objective** is to bring together key stakeholders (Industry, Telco's, ISP's, content providers, large internet users...)
 - To raise awareness of the challenges and opportunities provided by IPv6
 - Analyse possible technological and economic barriers
 - Propose ways forward to speed-up IPv6 adoption
- Participation of government entities is encourage, to extend the benefit of IPv6 to the citizens (egov applications)

Objective 3.3: Leveraging IPv6 take-up in Europe

- The thematic network will aims to:
 - Develop awareness-raising actions.
 - Use IPv6 based demonstrators.
 - Facilitate the debate among stakeholders (including MS and Industry).
 - Foster a EU adoption strategy for IPv6 and the development of the road map.

Leveraging IPv6 take-up in Europe, strategy

- Identification of incentives to stimulate IPv6 use (including technological and economic barriers, as well as aspects of security and privacy)
- Recommendations for the transition IPv4/IPv6 including risks and costs
- Identification of specific studies, promotion of curricula in education and training, and requirements for large scale pilots.

Objective 3.3: Leveraging IPv6 take-up in Europe

Grant details:

- *Thematic network*
- *Number of proposals to be funded: 1*
- Budget from 0.3 to 0.5 M€

Networking opportunity

- *Launch of the IPv6 Communication*
- When: May 30, 2008 09:30 – 18:30
- Location: Berlaymont, Brussels

- More info:

http://ec.europa.eu/information_society/policy/ipv6

- **Registration is compulsory.**