Objective ICT-SEC-2007.1.7: Critical Infrastructure Protection
(Joint Call between ICT and Security Themes FP7-ICT-SEC-2007-1)

**FP7 launch in the New Member States
Regional on-line conference
22 January 2007**

Angelo Marino INFSO F5

European Commission
Information Society and Media

Objective ICT-SEC-2007.1.7
Critical Infrastructure Protection

Joint ICT-Security Call
2nd half of 2007

Focus of ICT-part

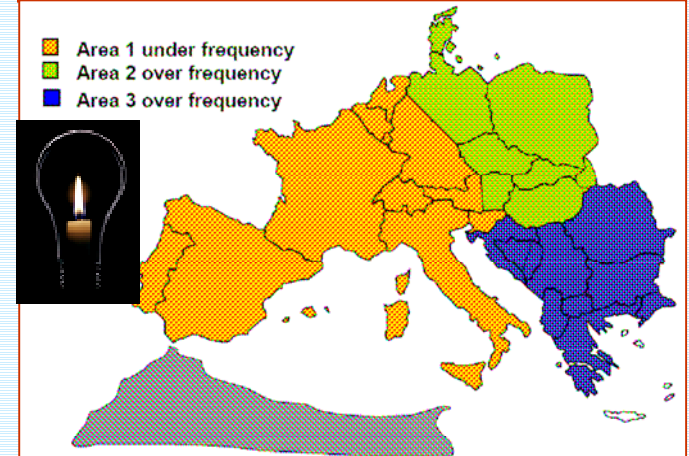**Technology building blocks for creating secure, resilient, responsive and always available <u>information infrastructures</u> linking critical infrastructures (CI's):**

a) **Manage complex interconnected and interdependent CI's;**

b) **Build secure and resilient networked and distributed information and process control systems;**
   Risk analysis and security configuration & management

c) **Develop research roadmaps, metrics, benchmarks, IN-CO, …**

Funding Schemes: (a) + (b) Collaborative Projects (STREPs only), (c) CSAs
Indicative Budget: 20 m€ (ICT Theme) + 20 m€ (Security Theme)

<u>**Saturday 04 NOV 06 at 22:10**</u>
A system disturbance of the electricity grid originated in Germany led to disruptions of supply in many EU countries

- Area 1 under frequency
- Area 2 over frequency
- Area 3 over frequency

European Commission
Information Society and Media

Expected Impact

- **Improve security, dependability and resilience of complex and interdependent critical infrastructures (organisational dynamics, human factors, societal issues and legal aspects)**

- **Establishing, strengthening and preserving trust in the use of technologies for the protection of critical infrastructures**

- **Reinforce European industry's potential**

- **More effective protection through enhanced co-operation (including development and promotion of metrics, standards, and best practice in security of critical infrastructures)**

Current R&D project portfolio

CA-CI2RCO

35 projects with about 35MEURO per year EU funding

**IP-PRIME, NoE- FIDIS
IP- INSPIRED, NoE-ECRYPT**

RESILIENT INFRASTRUCTURE
****

IP-DESEREC
IP – IRRIIS
IP- SERENITY
NoE- RESIST
STREPs: Crutial, Ubisec&Sense, Hidenets
CA: GRID

CA-SECURIST

R&D COORDINATION
****

CA-ESFORS
CA-GRID

TRUST IDENTITY, PRIVACY, RIGHTS, ASSETS
****

IP-Open-TC
STREP: Connect, Discreet

BIOMETRICS to the benefit of CITIZENS
****

IP – 3DFACE
STREPs: MIT, Humabio

'IMMUNITY' OF NETWORKS
****

STREPs: Antiphish, Pepers, S3MS, Fastmatch
IP-DESEREC

IP-BIOSEC, NoE-BIOSECURE, STREP: Digital-Passport, Secure-phone, etc.

IP-SEINIT, STREP: Positif, etc.

European Commission
Information Society and Media

Additional Info

Current project portfolio

http://cordis.europa.eu/ist/trust-security/projects.htm

ICT Security

http://cordis.europa.eu/ist/trust-security/index.html

FP7

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

European Commission
Information Society and Media