

Information sharing in the EU policy on NIS & CIIP

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COM(2006) 251 - Towards a secure Information Society

DIALOGUE

structured and multi-stakeholder

PARTNERSHIP

greater awareness & better understanding of the challenges



Open & inclusive multi-stakeholder debate

EMPOWERMENT

commitment to responsibilities of all actors involved



the Council Resolution 2007/C 68/01

- **AND THEREFORE INVITES MEMBER STATES TO:**
 - 3 *Give due attention to the need to prevent and fight new and existing security threats on electronic communications networks, which also include unlawful interception and exploitation of data, recognise and deal with associated risks and **to encourage, where appropriate in cooperation with ENISA, effective exchanges of information and cooperation between the relevant organisations and agencies at national level**; to commit to fighting spam, spyware and malware, in particular through improved cooperation between competent authorities at national and international level;*
- **AND CALLS UPON:**
 - 8 **Network operators, service providers and the private sector to share and implement good security practices** and to foster a culture of risk analysis and management in organisations and business by supporting appropriate training programmes and developing contingency planning as well as make security solutions available to their customers as part of their services



Communication on CIIP
“Protecting Europe from large scale cyber-attacks
and disruptions: enhancing preparedness, security
and resilience” - COM(2009)149

Information sharing is a key element for :

- 1. Preparedness and prevention (*EFMS & EP3R*)**
- 2. Detection and response (*EISAS*)**
- 3. Mitigation and recovery (*pan-European exercise*)**
- 4. International Cooperation**
- 5. Criteria for European Critical Infrastructures in the ICT sector**

The CIIP Action plan

The European Forum of Member States (EFMS)

- **Objective and basic principles**
 - **Sharing information and good policy practices** on security and resilience of CIIs
 - EFMS is **dedicated to representatives of national public authorities** dealing with NIS/CIIP policies
 - EFMS is **complementary to EP3R** - the European Public-Private Partnership for Resilience
- **Specific topics currently under discussion**
 - Sectoral criteria to identify European Critical Infrastructures in the ICT sector
 - Internet resilience and stability
 - Pan-European exercises (call for ENISA's support)



CIIP Action Plan - The European Public Private Partnership for Resilience - EP3R

High level objectives

- Provide a **flexible European-wide governance framework** to involve relevant public and private stakeholders in **public policy discussion and strategic decision making** = Focus on **prevention and preparedness** matters with a **European and international dimension**.
- Function as a forum to discuss the **public policy priorities, economic and market dimensions** of challenges and measures for resilience of CIIs (including appropriate positive and negative incentives for stakeholders) as well as **to clarify responsibilities**.
- Serve as a **platform for global outreach** on public policy, economic and market matters relevant to resilience of CIIs



CIIP Action Plan - The European Public Private Partnership for Resilience - EP3R

Specific objectives

- Provide a **platform for information sharing and stock taking** of good policy and industrial/business practices in order **to foster a common understanding on economic and market dimensions** of security and resilience of CIIs
- **Discuss public policy priorities, objectives and measures** with a view to define framework conditions and socio-economic incentives to improve the **coherence and coordination** of policies for security and resilience of CIIs in Europe
- **Identify and promote the adoption of good baseline practices** for the security and resilience of CIIs, with a view to pursue minimum security and resilience standards and coordinated risk assessment approaches

CIIP Action Plan - The European Public Private Partnership for Resilience - EP3R

Key principles

- **Complementarity**: EP3R should **build upon and complement** existing national initiatives, benefit from ENISA's work and fully respect national responsibility, without duplicating efforts.
- **Trust**: EP3R should provide the structure, processes and environment for "**trusted collaboration**", including the protection of sensitive information.
- **Value**: set emphasis on **bi-directional exchanges** between public and private participants. EP3R should aim to deliver **concrete results**.
- **NO-Competition**: Activities have to ensure that **market mechanisms** will not be distorted and **no elements or perception of cartel behaviour** would emerge. On the other hand, participation of competitors in EP3R should **not hinder the exchange** of information and good practices.
- **Openness**: EP3R should be open to **all stakeholders** which bear a part of the shared responsibility for resilience of CIIs.
- **Flexibility**: EP3R should be capable to **consider and adapt to evolving challenges and policy developments**.

European Public Private Partnership for Resilience (EP3R)

- **Possible topics**

- Management of vulnerability disclosure processes
- Frameworks for (coordinated) risk management for resilience
- Minimum/baseline security & resilience standards
- Economics of security and resilience (positive vs. negative drivers/incentives)
- Terminology and procedures for data collection on and economic impacts of security incidents
- Workable frameworks and practices to support the exchange of sensitive information
- Practices for threat identification
- Mutual assistance agreements
- ...

EPCIP – Information sharing resources

- **CIWIN - Critical Infrastructures Information Warning Network**
 - Governments only
 - Contracted by the Commission and now hosted by the JRC
 - Information repository
- **European Reference Network for CIP**
 - Established at the JRC
 - Focus on technological aspects
 - Leverage EU cooperation

Web Sites

- **EU policy on promoting a secure Information Society**
http://ec.europa.eu/information_society/policy/nis/index_en.htm
- **EU policy on Critical Information Infrastructure Protection – CIIP**
http://ec.europa.eu/information_society/policy/nis/strategy/activities/ciip/index_en.htm
- **Presidency Conclusions of the Ministerial Conference on CIIP Tallinn (EE), 27-28 April 2009**
http://www.tallinnciip.eu/doc/EU_Presidency_Conclusions_Tallinn_CIIP_Conference.pdf
- **Report on the public consultation “Towards a Strengthened Network and Information Security Policy in Europe”**
http://ec.europa.eu/information_society/policy/nis/nis_public_consultation/index_en.htm
- **The reformed Telecom Regulatory Framework - November 2009**
http://ec.europa.eu/information_society/policy/ecomm/tomorrow/index_en.htm