The European Programme for Critical Infrastructure Protection (EPCIP)

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The European Programme for Critical Infrastructure Protection (EPCIP – 2006)

Directive 2008/114/EC 8 December 2008

A procedure for the identification and designation of European Critical Infrastructures (ECI)

Measures designed to facilitate the implementation of EPCIP

- CIWIN
- CIP expert groups
- CIP information sharing
- identification and analysis of interdependencies
- ERNCIP

Accompanying financial measures

EU programme "Prevention, Preparedness and Consequence Management of Terrorism and other Security Related Risks" for the period 2007-2013

(CIPS)
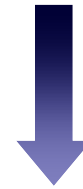
Support for Member States concerning National Critical Infrastructure

Contingency planning

External dimension

Directive 2008/114/EC

European Critical Infrastructure (ECI)

- Means critical infrastructure located in Member States, the destruction or disruption of which would have a significant impact on at least two Member States
  (at present 89 ECIs designated in total)

- Sectoral scope: energy and transport sectors.
- Sets out a 4 step approach to identify ECIs based on specific criteria
  - Cross-cutting criteria: casualties, economic effects, public effects
  - Sectoral Criteria established for Transport and Energy sectors

- Security Liaison Officer / Operator Security Plan

CIPS

- **Objective: to fund CIP-related measures and projects**

- **EUR 140 million for the period 2007-13 allocated for operational cooperation and coordination actions**

- **Since 2007, over 120 projects funded, including:**
  - Methodologies for risk analysis
  - Analyses of dependencies and interdependencies
  - Exercises
  - Studies

CIWIN

- **Internet-based protected information and communication system**

- **Objective: to exchange CIP-related information, studies and good practices among the EU CIP community**

- **Operational since January 2013**

- **Plans in the context of new approach to EPCIP:**
  - ➢ CIP Toolbox, comprising risk assessment methodologies and the tools (e.g. templates), research results
  - ➢ Host platform for several national CIP areas in EU MS

External Dimension

- Perceived as particularly important to CIP by EU MS

- Impact of disrupted third country critical infrastructure on EU and vice-versa

- Currently focused on exchange of best practices and exchange of information

- 2011 Council Conclusions on the development of the external dimension of EPCIP:
  - ➢ Invites MS to step up cooperation with 3rd countries

- US & Canada / neighbouring countries

Review of EPCIP & Directive 2008/114/EC

- **Implemented by all EU MS**

- **Review results (2012 COM SWD):**
  - ➢General CIP awareness has increased, particularly in the energy and transport sectors.
  - ➢Less than 20 European critical infrastructures designated
  - ➢The sector-focused approach of the Directive presents challenges
  - ➢Bilateral cooperation rather than a real European forum
  - ➢Need for change:

From Sectoral Expansion

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Towards systems and risk based approaches

New approach to EPCIP
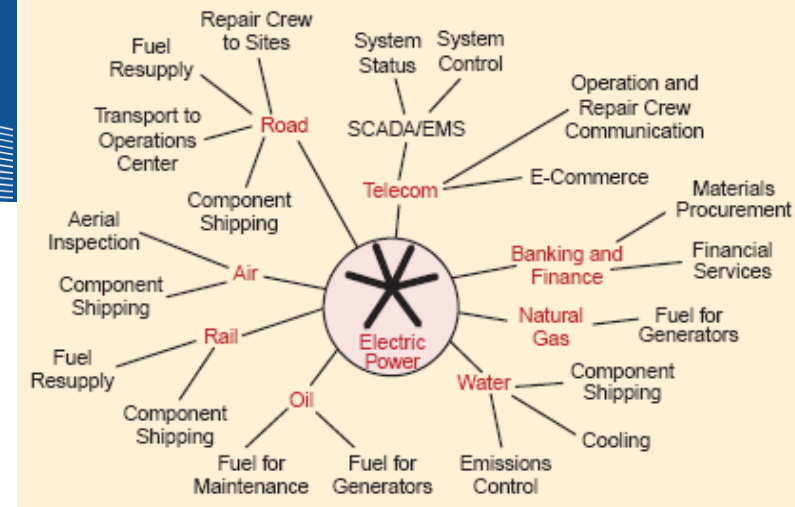
- **Presented in 2013 COM SWD**

- **Objective: to provide a reshaped EU CIP approach, based on the practical implementation of activities**

- **Main features:**
  - Looking at interdependencies
  - A step by step practical approach, based on 3 main pillars: *Prevention, Preparedness, Response*
  - Pilot with four critical infrastructures of European dimension: Eurocontrol, Galileo, the electricity transmission grid and the gas transmission network

Energy (electricity and gas) Pilot Project - JRC

With the strategic objectives to improve the level of:

Prevention

Risk Assessment: state-of-the–art & lessons learnt

Interdependencies: electricity-gas and with the information infrastructure

Standards

Preparedness

Risk Treatment: preventive measures and contingency planning

Exercises

Information sharing / awareness raising

Restoration

Training

Aims and future possibilities:

- **Roadmap (SWD(2013) 318 Annex V):**

➢ <u>Action 1</u>: Design of an EU approach for CI protection and resilience

➢ <u>Action 2</u>: Broaden the implementation of the EU approach

- Other possible pan-European infrastructures?

- Regional implementation?

- Funding: large cross-border projects*?*

The European Agenda on Security

3 main priorities for immediate EU action:

1: Tackling terrorism and preventing radicalisation

2: Disrupting organised crime

3: Fighting cybercrime

CIP in the Agenda:

1) Possible application of COM **risk assessment** methodology to CI
1) Highlights **cyber threats** to CI
2) **Terrorism**: threats to CI and soft targets

Current focus

1. **Project outputs** - dissemination, availability via CIWIN
2. **External Dimension** – both deepening and widening
3. **Promoting tools that we have developed** (GRRASP tool to model interdependencies)
4. **Support MS national programmes** – trainings, etc
5. **Targeted actions on specific issues** - Insider Threat Workshop March 2015 (brought together industry and MS authorities)

Key themes
- *Interdependencies*
- *Cybersecurity of CI*
- *Resilience*

Thank you for your attention!

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