
EU project - EUKRITIS II -

**Knowledge Management
for the Protection of
Critical Infrastructures**



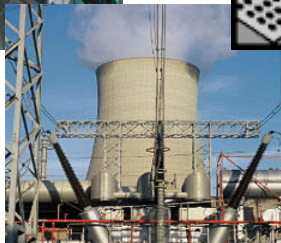
Overview

- Background
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Background of the project

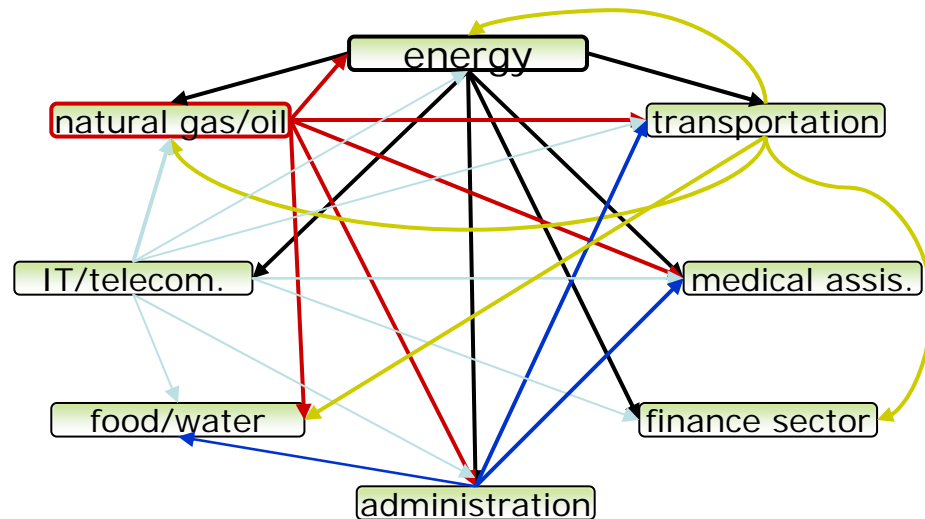


IT and
telecommunication



Energy

- complex systems
- interdependency of IT, energy, telecommunication
- globalisation
- know-how available via internet
- breakdown can cause serious cascading effects on other infrastructures



Background of the project

Conclusions of the project

"EUKRITIS I":

- Knowledge transfer is essential
- There is a need for exchange of information between operators of CI
- There is a need for exchange of information between governmental authorities
- There is a need for exchange of information between governmental authorities and operators of CI

Partner of the project

- Ministry of Interior of the State of Brandenburg
- University of Potsdam, Chair of Business Information Systems and Electronic Government
- NBB Netzgesellschaft Berlin-Brandenburg GmbH & Co. KG
- Fire department headquarters of the Voivodeship West Pomerania, Republic of Poland

Frame of the project

- total eligible costs:
 - 309.584 Euro
- EC-co-financing:
 - 231.802 Euro = 74,88%
- contribution of coordinating beneficiary:
 - 61.000 Euro = 19,7%
- contribution of associated beneficiaries:
 - 16.782 Euro = 5,42%
- duration of the project:
 - 21 months, January 2010 to September 2011

Objectives of the project

The project focuses on the challenges concerning the protection of critical infrastructures. Since critical infrastructures have become more and more cross-linked a single breakdown can cause serious cascading effects on other infrastructures.

To effectively protect these critical infrastructures the public authorities and operating companies would have to cooperate much more intensively than ever before. For example there is no common term understanding. Further, assured information about the character and intensity of dependencies are not available. This also concerns the cross-border region.

Since interdependencies of critical infrastructures pass over frontiers, public authorities and operating companies as well as stakeholders of neighbouring states must have access to a solution which enables the urgently needed cooperation of all parties involved. At first, both the stakeholders, their competencies and existing knowledge transfer activities have to be identified. This information is used to create an online portal for the close collaboration and to design a procedure for the analysis of interdependencies between critical infrastructures.

The online portal connects stakeholders beyond frontiers and facilitates the extensive and self-organized application of the procedure for interdependence analysis. In addition, the portal enables the professional exchange of protection plans, best practices and tools. Information about stakeholders and their competencies concerning the protection of critical infrastructures will be easily findable and distributable.

Timetable of the project

- 31.03.2010: Survey of knowledge transfer types
- 30.09.2010: Register of stakeholders and their competencies
- 31.12.2010: Procedure for interdependencies analysis
- 31.01.2011: Knowledge map for the protection of critical infrastructures within the online portal
- 31.03.2011: Implemented online portal
- 31.05.2011: Community guidelines and user manual
- 30.06.2011: Evaluated and improved online portal
- 31.08.2011: Module “virtual dialog field” for analysis of interdependencies between different critical infrastructures

Timetable of the project

| | |
|-----------------|-----------------------------------|
| January 2010: | Kick off |
| April 2010: | First steering committee meeting |
| 30.06.2010: | First progress report |
| September 2010: | Second steering committee meeting |
| 31.01.2011: | Second progress report |
| January 2011: | Third steering committee meeting |
| April 2011: | Workshop Germany |
| June 2011: | Workshop Poland |
| June 2011: | Fourth steering committee meeting |
| September 2011: | Closing event |
| September 2011: | Final steering committee meeting |
| 30.09.2011: | End of project and final report |

Expected results

Online Portal for the formation of a network for the protection of critical infrastructures with the following function modules:

- Virtual Round Table for the institutionalised cooperation of public authorities, business companies and research facilities via internet with the objective of regional, cross-border collaboration and knowledge transfer measures
- Online procedure by a virtual dialog field to diagnose interdependencies between critical infrastructures for the coordination of holistic protection systems
- Online knowledge map and online market for the simplified contacting of knowledge bearers to mediate research results, best practices and guidelines and to initiate cooperations (e.g. in the form of R&D projects)

Future prospects

- Further promotion of the online portal
target group: operators of critical infrastructure and public administration
- Measures to enable the online portal to be a high frequently used communication forum for the protection of critical infrastructures in the context of civil protection in the region of Brandenburg and the bordering counties of Poland
- implementation of all CI in online-portal
- strengthening of knowledge transfer via online-portal
- Develop the online-portal as a part of a national or European centre for the protection of critical infrastructures.

EUKRITIS II

Any questions?