

Germany's Information Sharing National Strategy

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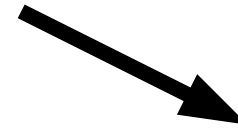
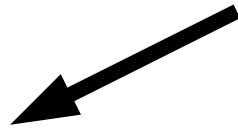
Information Sharing Initiatives in Germany

Public Private Information Sharing (ICT)



Regulated

- ❑ Federal Network Agency
- ❑ ICT Sector



Voluntary

- ❑ Federal Office for Information Security
- ❑ Federal Network Agency
- ❑ ICT Sector
- ❑ Other Sectors (CI)

Information Sharing: Regulated

Basis:

- ❑ German Telecommunications Act (§109)



Regulated

Operators → regulator (Federal Network Agency)

- ❑ Protective measures taken
- ❑ Reporting incidents (on request)
- ❑ Security concept

Regulator → operators

- ❑ Regulatory issues
- ❑ Guidelines

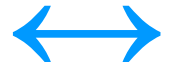
Information Sharing: Voluntary

Basis:

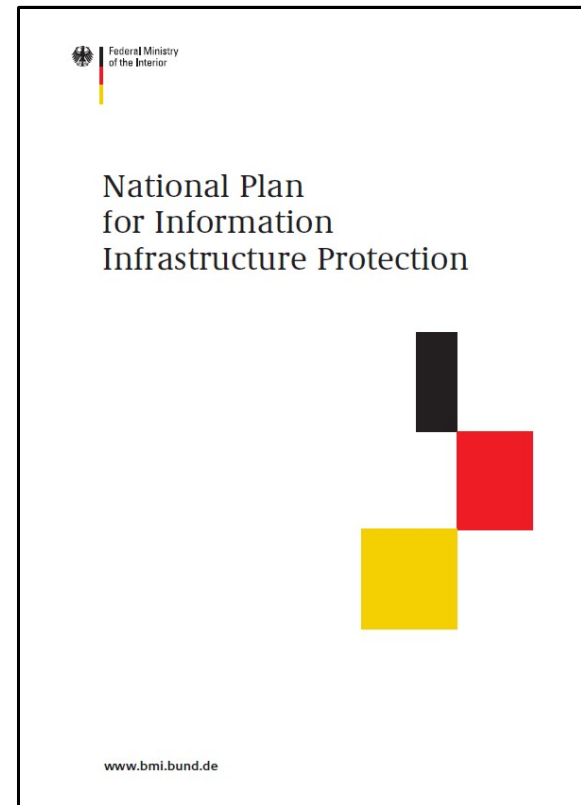
- ❑ National Plan for
Information Infrastructure Protection (2005)

Leads to:

- ❑ CIP Implementation Plan (2007)
(Umsetzungsplan KRITIS)



Voluntary



CIP Implementation Plan (UP KRITS)

- ❑ Target:
Protection of the German Critical IT-Infrastructures
- ❑ „Public Private Partnership“ (PPP)
- ❑ Developed in cooperation with the private sector
- ❑ PPP started in 2007



CIP Implementation Plan

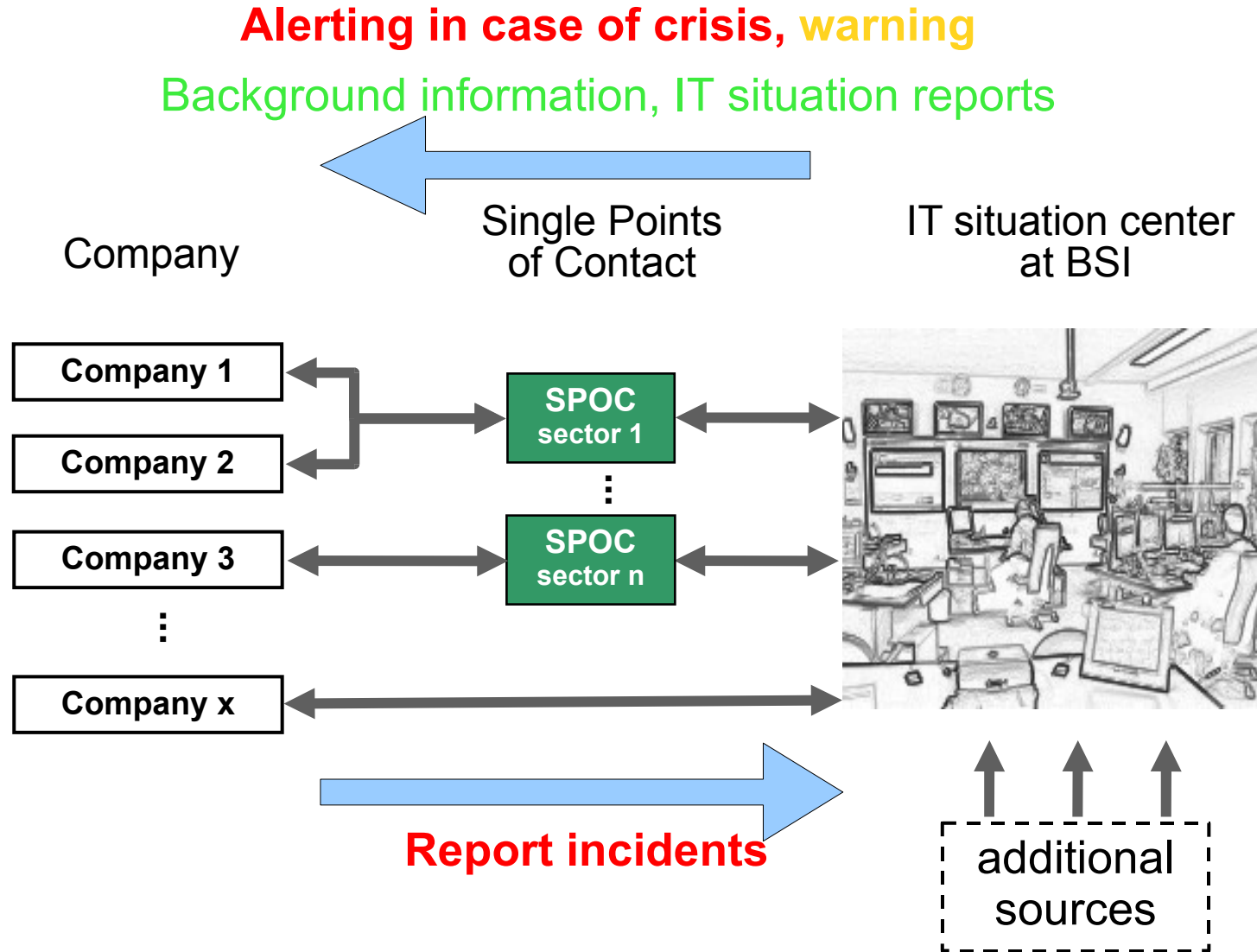
Measures and implementation

Four working groups

- Emergency and crisis exercises
- Crisis response and management
- National and international cooperation
- Maintenance of CI services

- Communication infrastructure
 - Single points of contact
- Confidentiality agreements
- Communication:
 - Information
 - Warning
 - Alarm

German Information Exchange



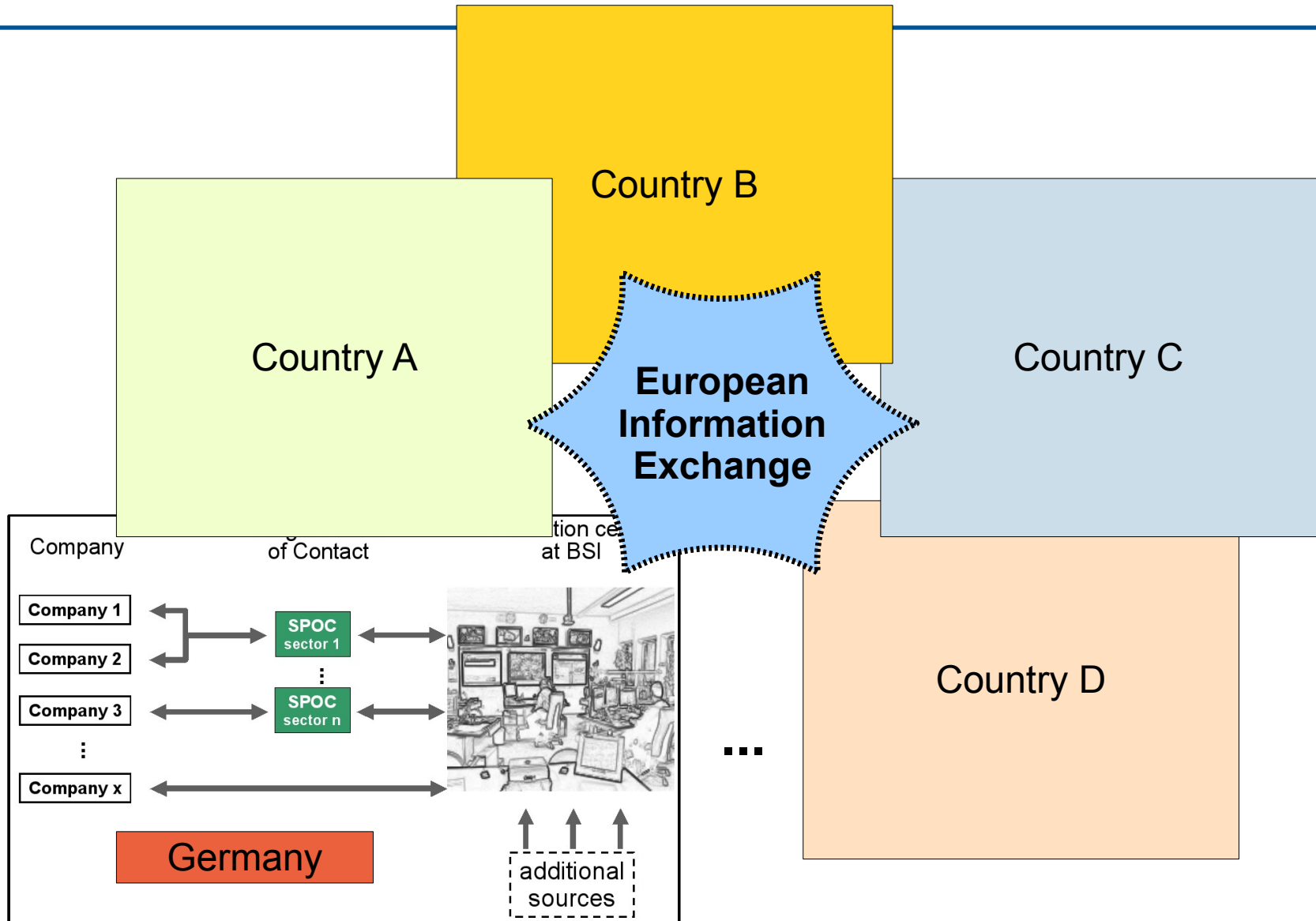
TLP

Red

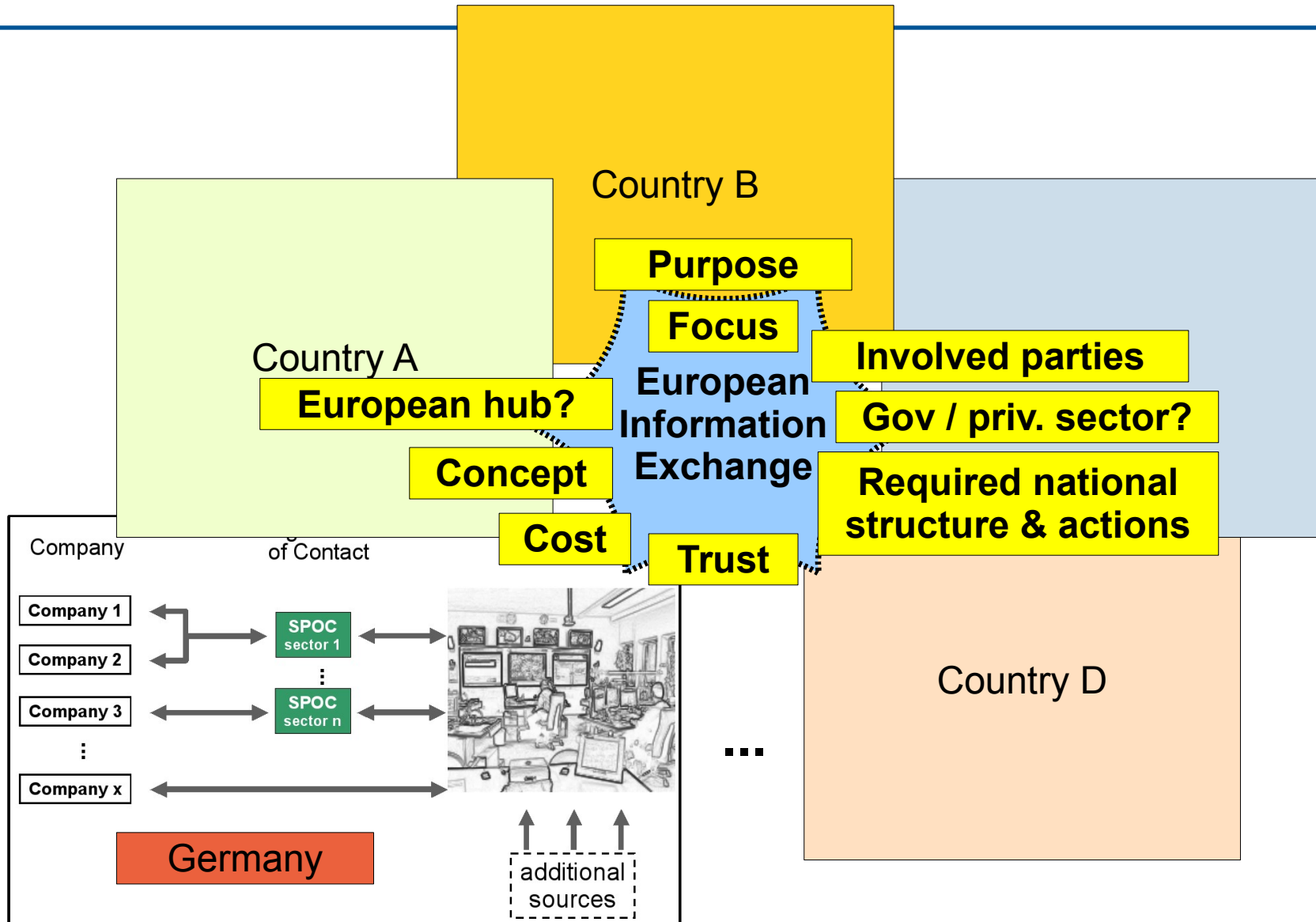
Amber

Green

Sketch: IE in Europe



IE in Europe: Open Questions



Contact

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Links and Documents

❑ National Plan for Information Infrastructure Protection

http://www.en.bmi.bund.de/cln_028/nn_148138/Internet/Content/Common/Anlagen/Nachrichten/Pressemitteilungen/2005/08/National_Plan_for_Information_Infrastructure_Protection,templateId=raw,property=publicationFile.pdf/National_Plan_for_Information_Infrastructure_Protection.pdf

❑ CIP Implementation Plan

<https://www.bsi.bund.de/ContentBSI/EN/Topics/Criticalinfrastructures/Activities/CIPImplementation/CIPimplPlan.html>

❑ Early detection and mitigation of IT-crises

http://www.bmi.bund.de/cae/servlet/contentblob/560094/publicationFile/27813/kritis_2_eng.pdf

❑ German Federal Office for Information Security, CIP

https://www.bsi.bund.de/cln_156/EN/Topics/Criticalinfrastructures/criticalinfrastructures_node.html

❑ German Federal Network Agency (Regulator)

<http://www.bundesnetzagentur.de/enid/b34ff4754ac1af2b1ae4c7b08b4631c6,0/xn.html>