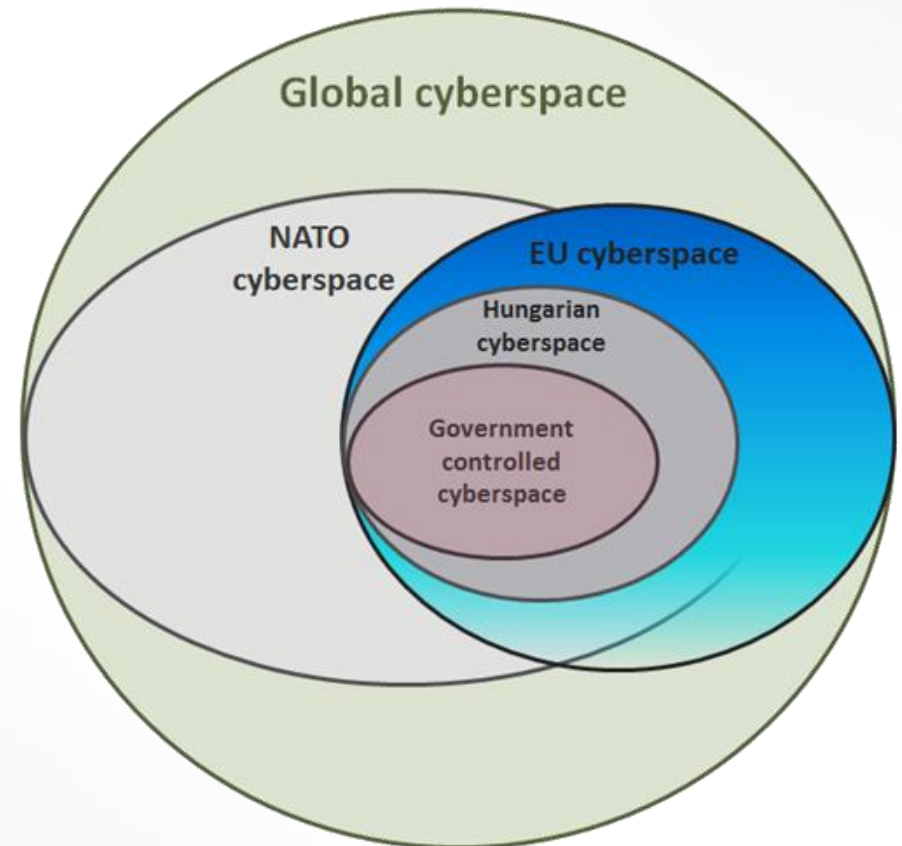


REVISED HUNGARIAN IT SECURITY POLICY

Anita TIKOS

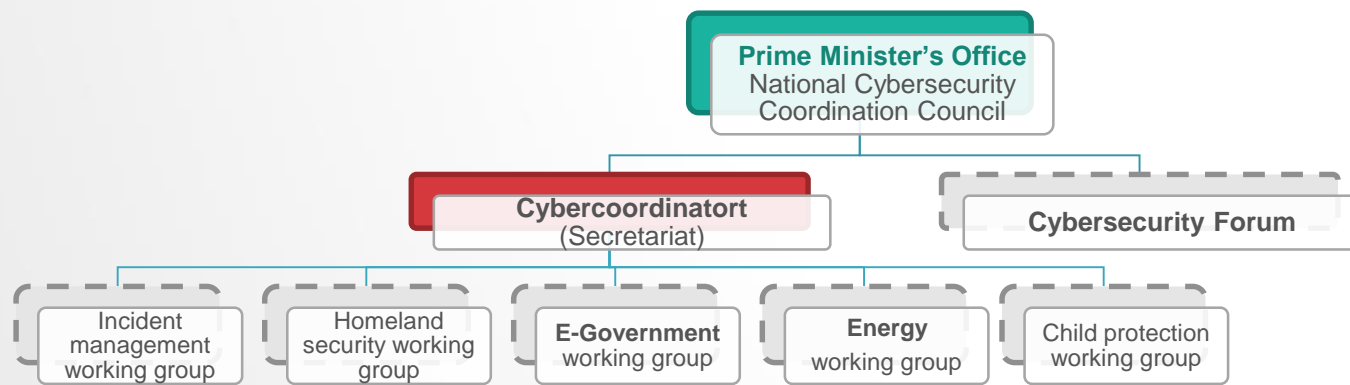
- Broad objectives
- Generic tasks
 - PPP, education, R&D
 - regulation, international coordination, awareness
 - child protection
- Challenges:
 - No timeline or deadlines
 - No funding
 - Too sophisticated supporting legal framework, and organizations

- ... on the electronic information security of **government agencies**
 - scope extends a somewhat further: supply chain, critical infrastructure
 - scope **does not include** industry, or the general public
- Established framework for cooperation and information exchange
 - structured tasks and responsibilities
 - designated GovCERT as international single point of contact

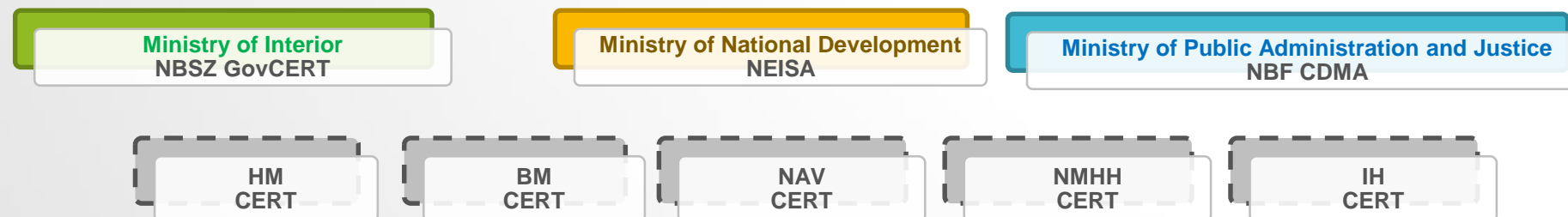


OLD STRUCTURE (2013-2015)

strategic level



ops level



IT SEC LAW REVISED (2015)

- GovCERT: growing spectrum of tasks
 - vulnerability assessment service for gov't agencies
 - security training for gov't IT staff
- Competent authority (NEISA): relocated near GovCERT
- Formation of the National Cyber Security Center
 - Includes GovCERT, NEISA and IT-sec consultancy
 - Support most of the InfoSec life-cycle (technical and compliance)

CYBERCOORDINATOR

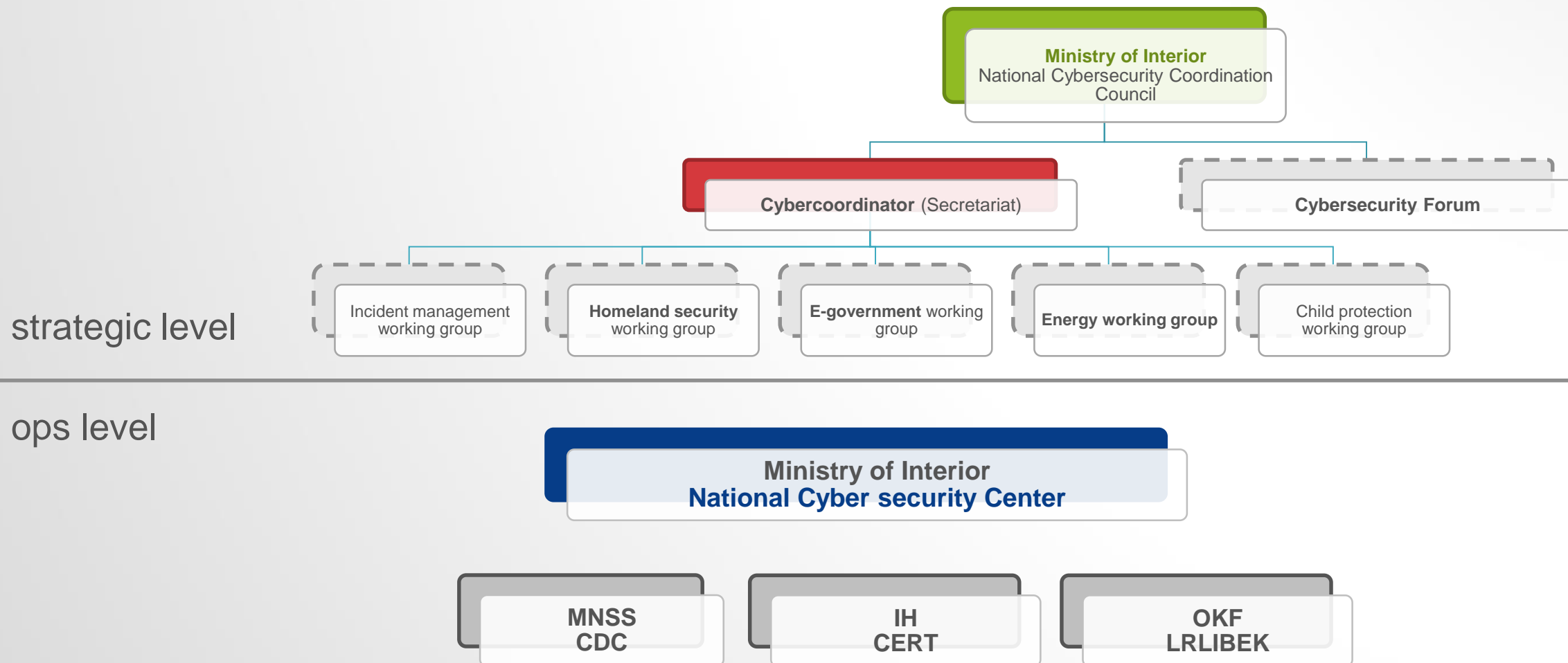
Professor Zoltán Rajnai (PHD):

Dean of Óbuda University

Head of Security Science Doctoral School

- From February 2016
- Minister of Interior nominated
- Tasks: keep in touch with private sector companies, cooperate between public and private sector (working groups)
- ENISA Management Board Member
- Organise conference in October (cyber security month)

NEW STRUCTURE (2015-)



MILITARY FRAMEWORK

- Development: 2 level
- 1 march 2016
- Military National Security Service- **Cyber Defence Center** as a new element
 - Tasks: Incident handling and military authority functions
 - Cooperation with Hungarian NCSC and NATO
- **Hungarian Defence Forces/ CIRC:**
 - Military network incident handling

ORGANIZATIONAL STRUCTURE OF THE NCSC

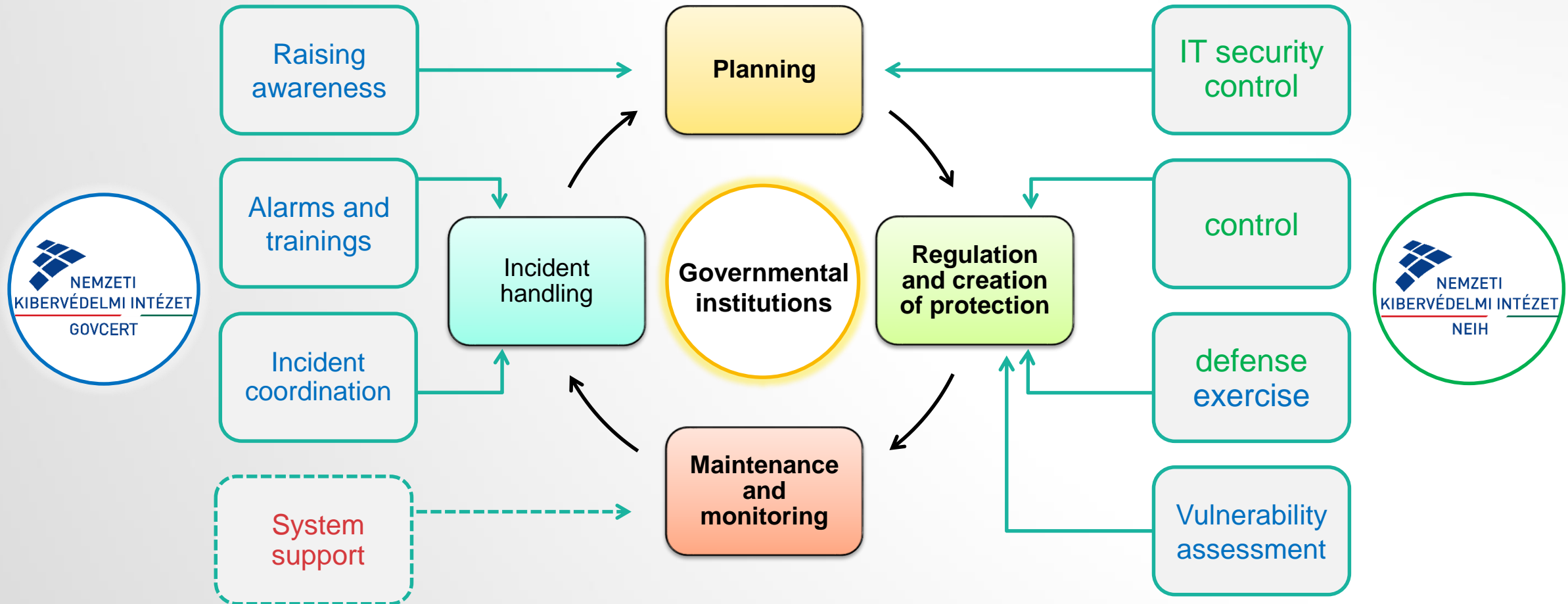
National Cyber Security Center

Authority (NEISA)

**Incident handling
(GovCERT)**

**INFOSEC management
and vulnerability
assessment**

IT SEC LIFECYCLE



- Single Point of Contact designated by law (from 2013)
- mandate extends beyond governmental infrastructure
- 0-24h on-site & on-call duty
- staff: 20 (duty officers, analysts)
- expanding non-CSIRT tasks
 - technical, compliance & legal consultancy
 - threat assessment

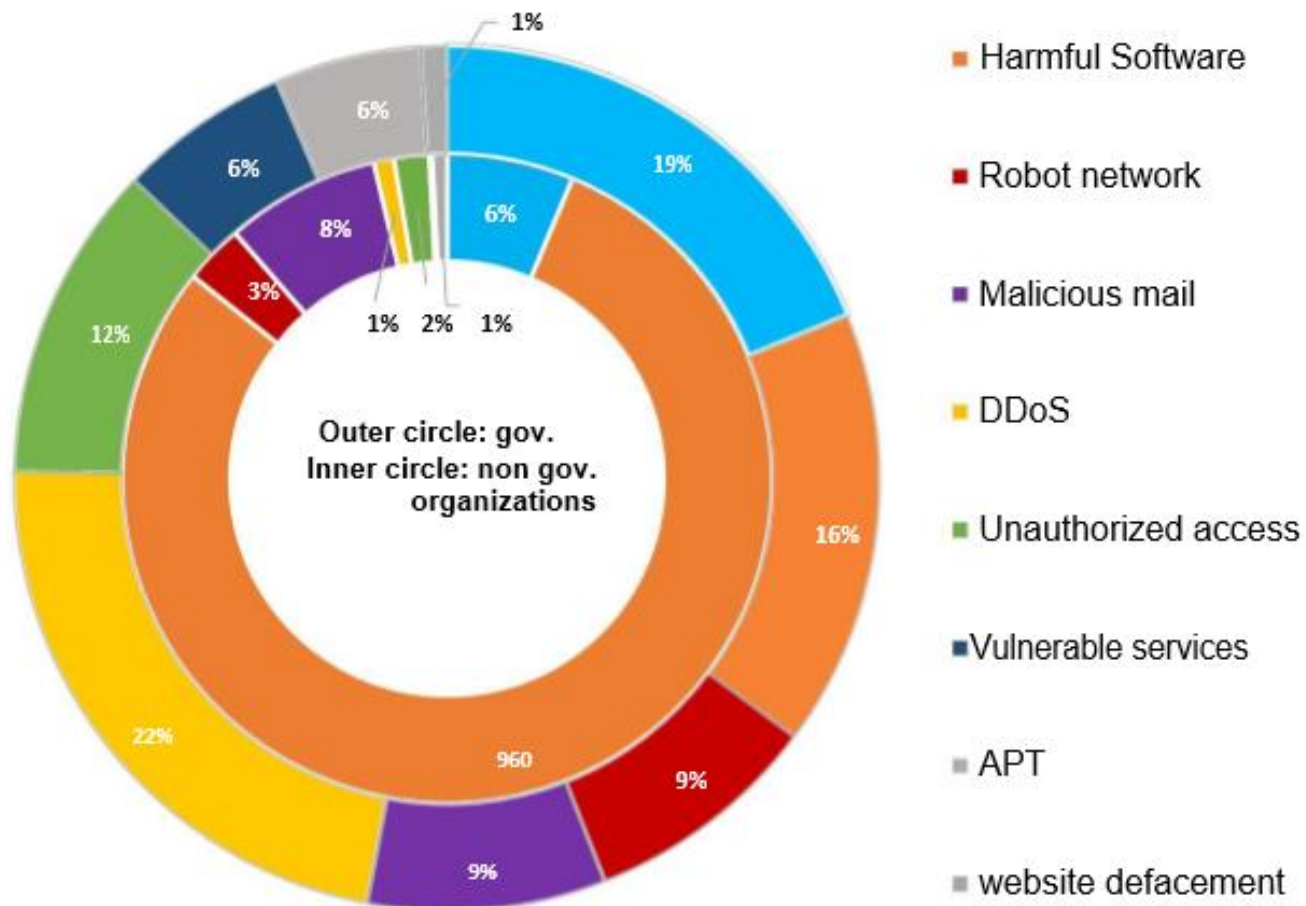
INTERNATIONAL COOPERATION

- Regional
 - Central European Cybersecurity Platform (CECSP)
- EU
 - NIS Directive
 - Commission expert groups: EFMS, EP3R, SMART project
 - ENISA, CERT-EU
- Global
 - Common Criteria
 - FIRST, TI, IWWN
 - NATO MISP

EXERCISES

- Exercises
 - NATO CMX, CC, Locked Shields
 - CECSP
 - EU Cyber Europe
 - US Cyber Storm

**Incidents
in I. quarter of 2016**



EIDAS

- From January 2016 there is a new electronic identification card
- More than 220 000 people (end of April)
- Elements: electronic signature
- Healthcare data
- Tax identification
- Fingerprint



FUTURE PLANS



- Government early warning system (EWS)
 - EU-funded project starting in 2016
 - automated, correlated intrusion (attempt) detection
- Legal adaptation of the NIS Directive
 - harmonization of INFOSEC, CI, e-communication, e-commerce legislation
 - participation in cooperation groups, CSIRT network
- Exercises, cybersecurity month, training

Thank you for your attention!

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National Cyber Security Center
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