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HUNGARIAN EXPERIENCE IN INFORMATION SECURITY

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National Cyber Security Center

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NATIONAL STRATEGY '13

- Broad objectives
  - efficient capabilities to prevent, detect, react, respond to and recover
  - to ensure that the quality of IT and communication products and services necessary for the operation of the Hungarian cyberspace meet the requirements of international best practices
  - to ensure quality of education, training as well as research and development
- Generic tasks
  - PPP, education, R&D
  - regulation, international coordination, awareness
  - child protection

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NATIONAL STRATEGY '13

- Challenges:
  - No timeline or deadlines
  - No funding
  - Too sophisticated supporting legal framework, and organisations

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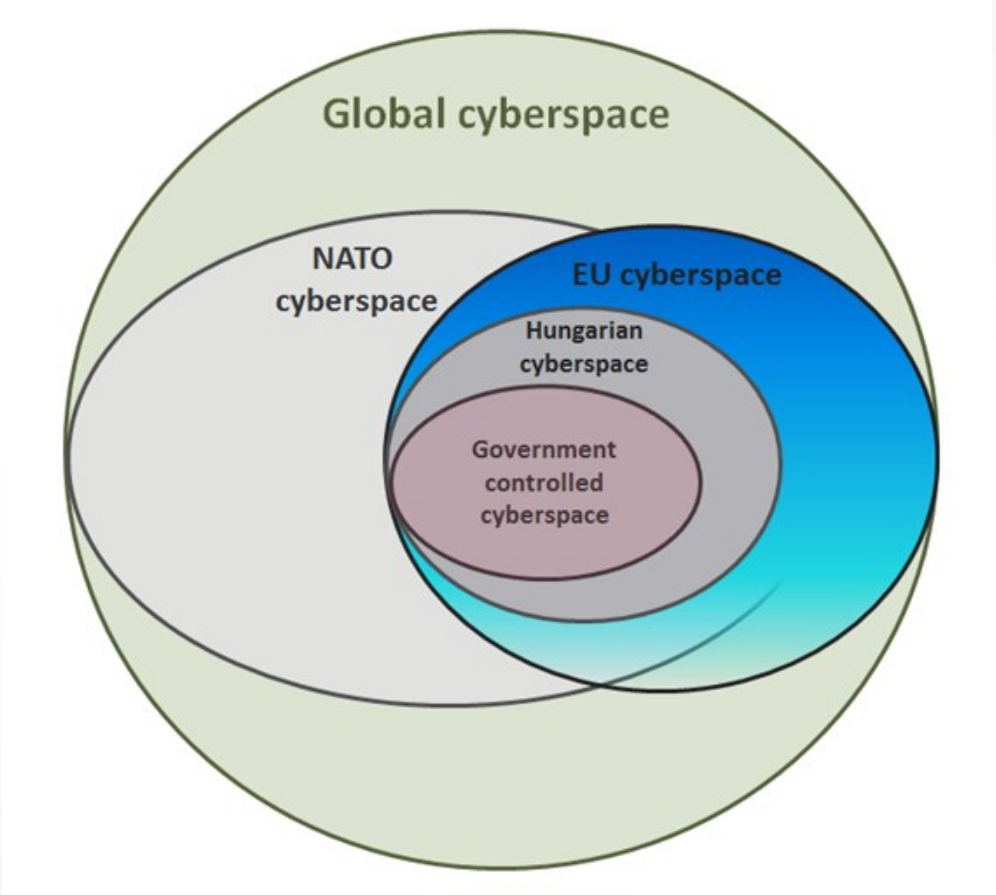
IT SEC LAW - ACT 50/2013

- … on the electronic information security of **government agencies**
  - scopes 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



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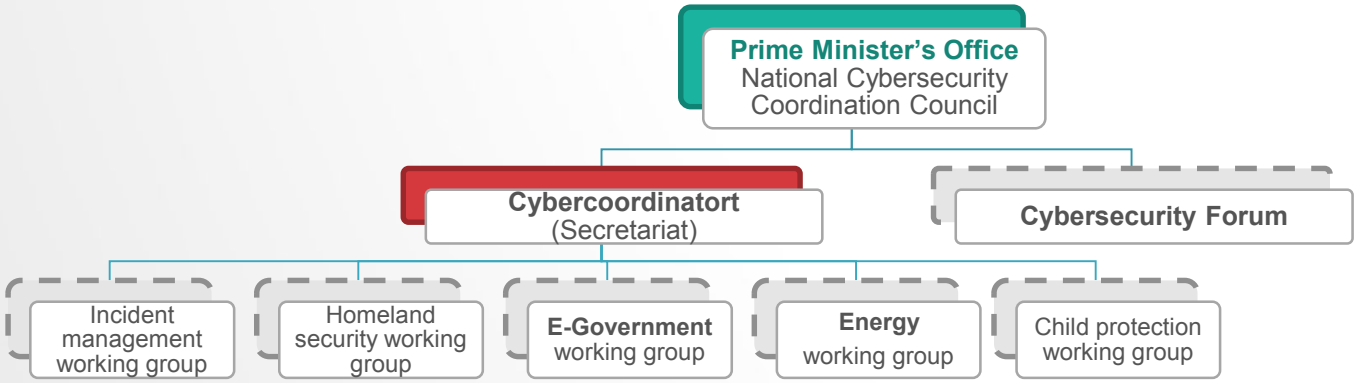
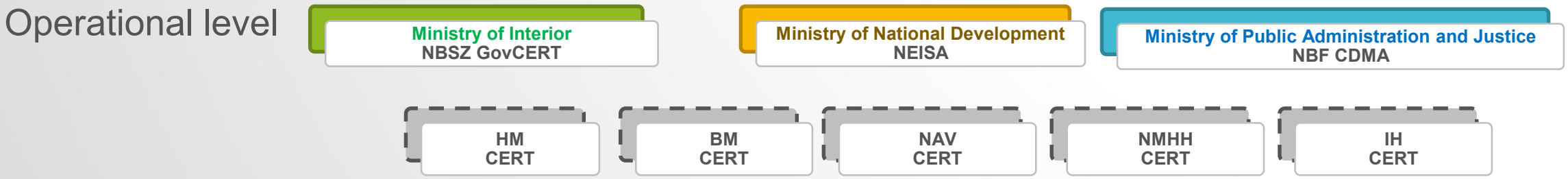
OLD STRUCTURE





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HUNGARIAN CYBER POLICY IS CHANGING IN 2015

- Cyber security constantly revised
- GovCERT: growing spectrum of tasks
- Competent authority (NEISA): relocated near GovCERT

- Formation of a „National Cyber-security Center” in 1st October 2015:
- Includes GovCERT, NEISA and IT-sec consultancy
- Support the entire infosec life-cycle (technical and compliance)

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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
- Organised a conference in October:CYBERSEC2016.HU

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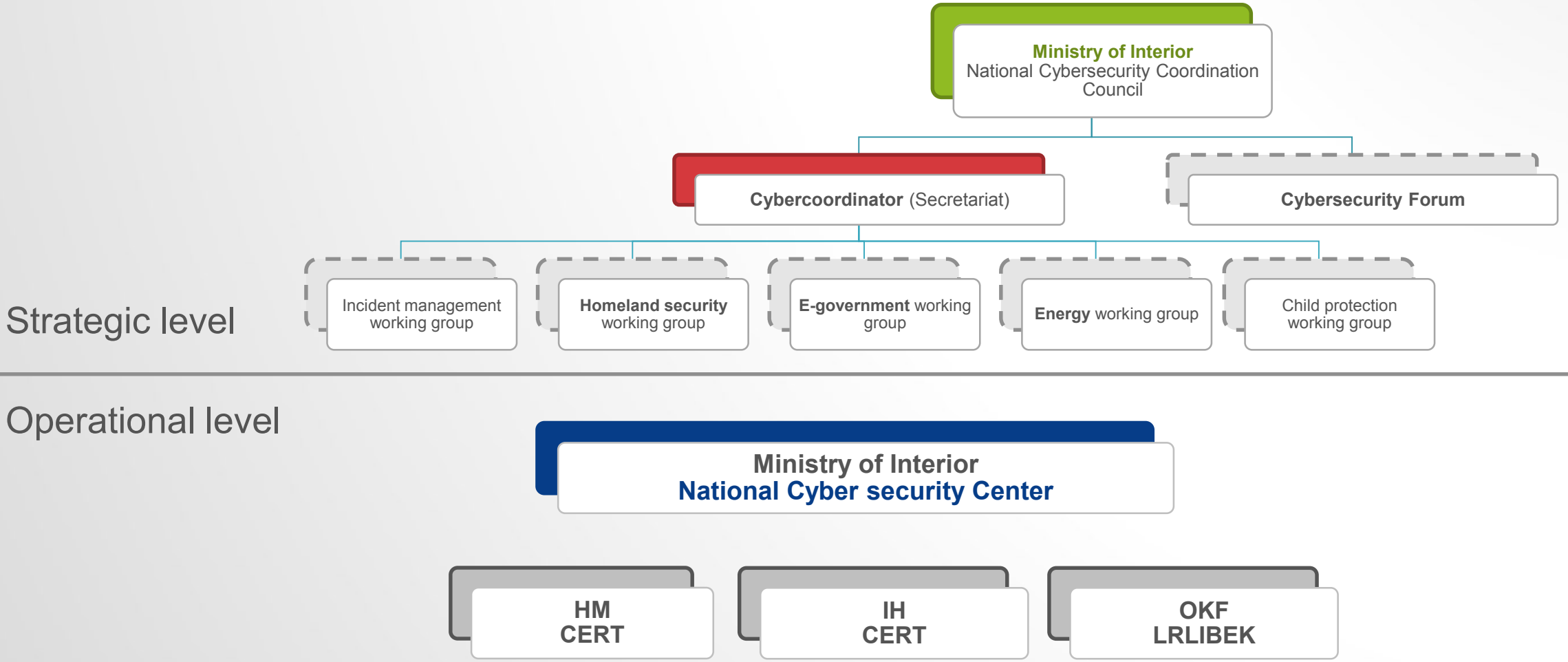
NEW STRUCTURE



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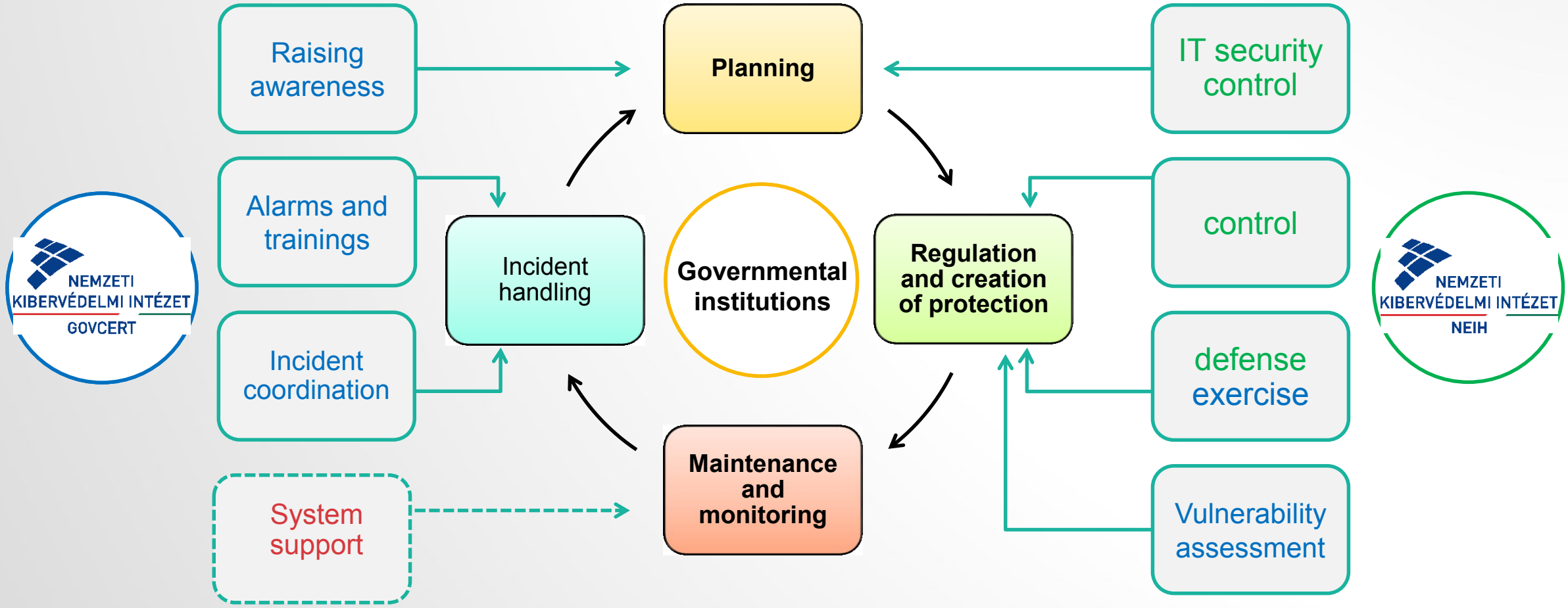
IT SEC LIFECYCLE



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ORGANIZATIONAL STRUCTURE

National Cyber Security Center

authority (NEISA)	- Registration of customers and systems - Authorize the security classification of IT systems - control whether agencies are compliant - enact vulnerability assessment - make suggestion to designate sg. as a CI
incident handling (GovCERT)	- Security incident handling - Threat management - 7/24 availability - Analysis/ evaluation - Cybersecurity exercise - Training and raising awareness - Supporting role in designation of CISOs
infosec mgmt and vulnerability assessment	- Vulnerability assessment services - Infosec services for key systems (legal basis) - Infosec supervision of key gov't IT projects

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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

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MAIN CHALLENGE IN 2016

Implementation of NIS directive:

- Implementation plan
- Start **consultation** with public and private partners
- **Designate**: SPoC, CSIRT Network member, Cooperation Group member
- **Revise** the national cyber security strategy
- **revise** IT security Law
- **Revise** law covering the individual sectors
  - Designation criteria
  - IT security requirements

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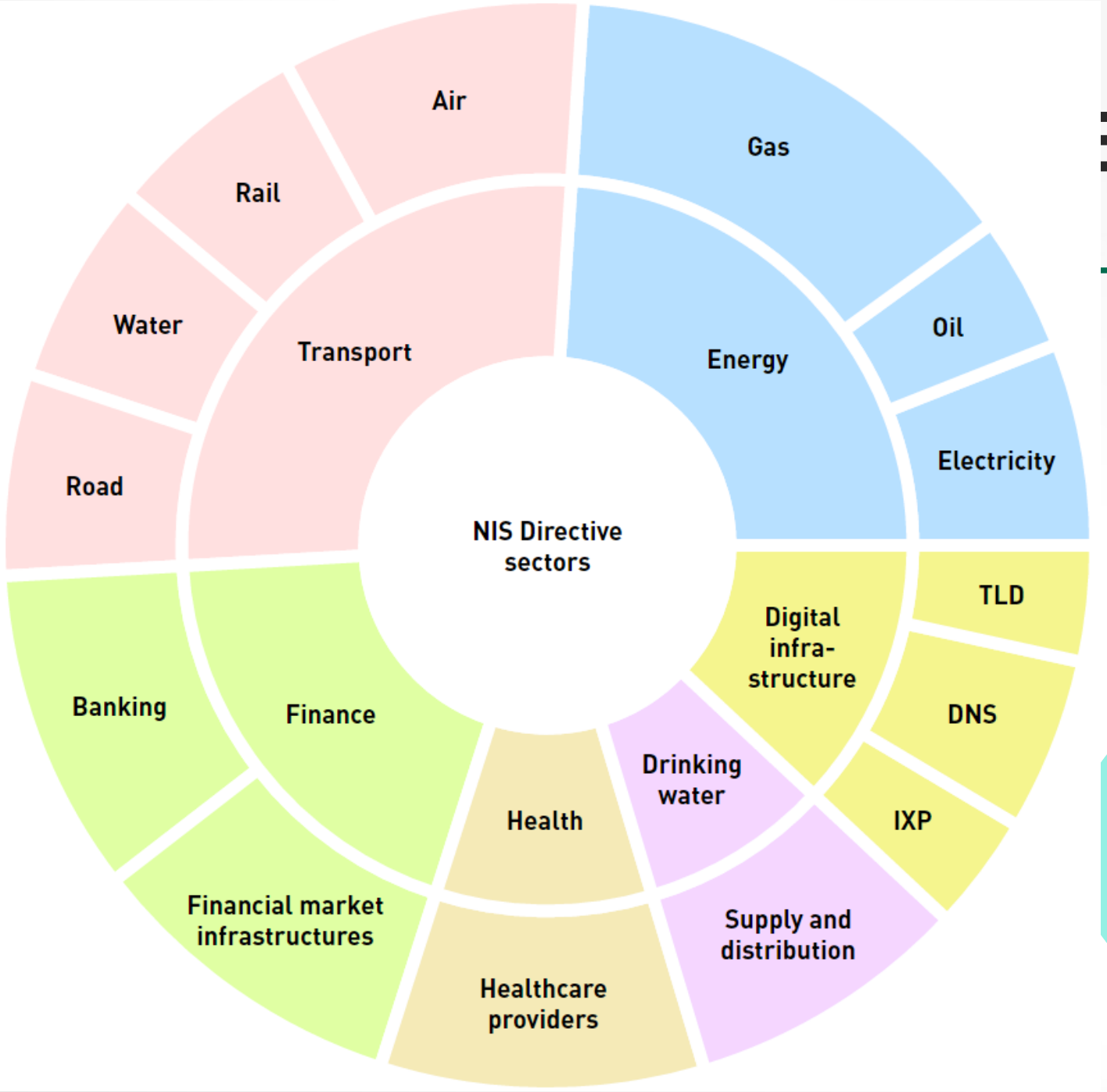
ECTORS

Act L.



Governmental agencies

Digital service providers

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Question?

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