



EUROPEAN UNION AGENCY
FOR CYBERSECURITY

ENISA'S ROLE IN ENHANCING THE SECURITY OF EUROPE'S CRITICAL INFORMATION INFRASTRUCTURES

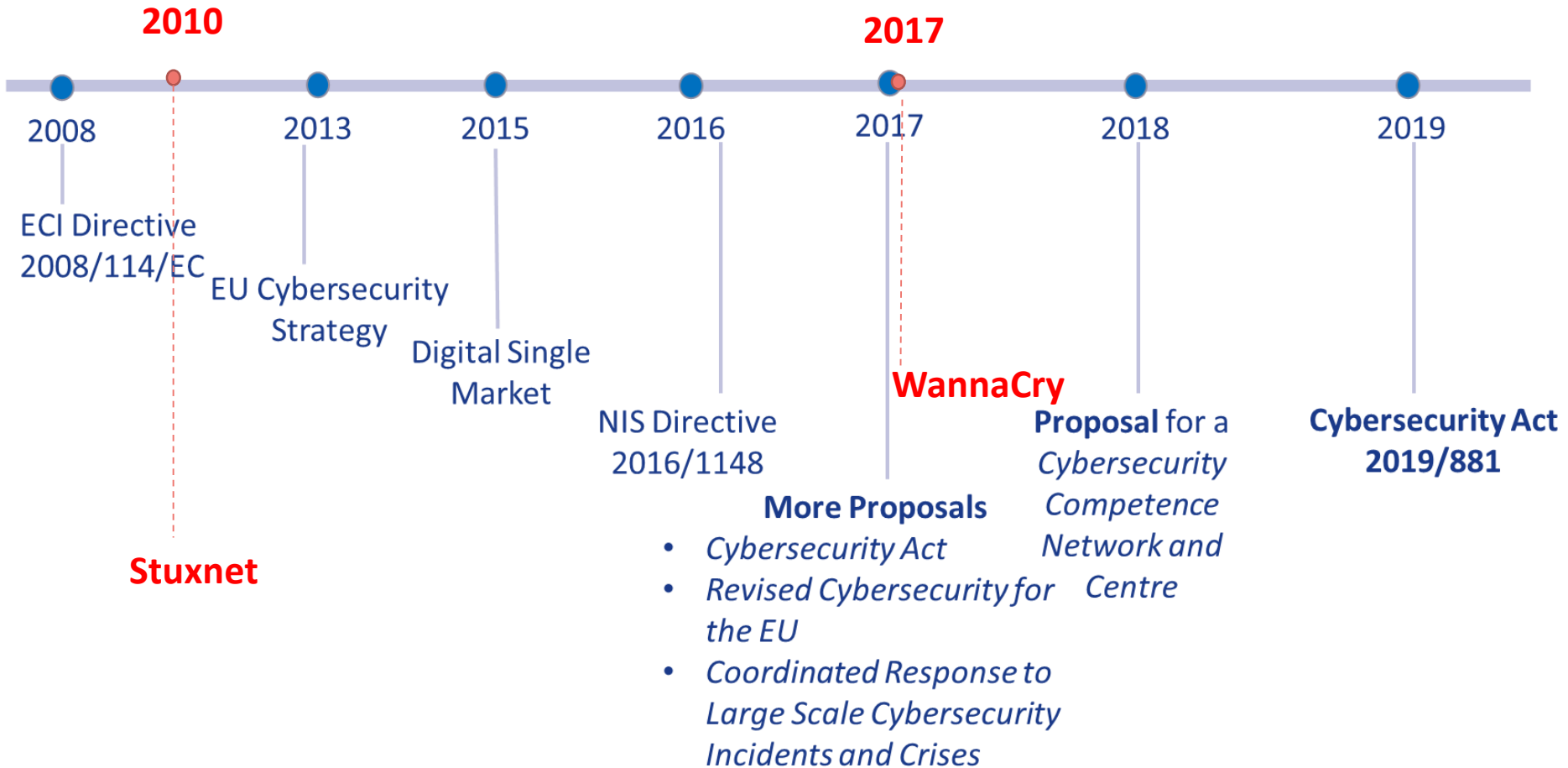
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Information Security Expert, ENISA

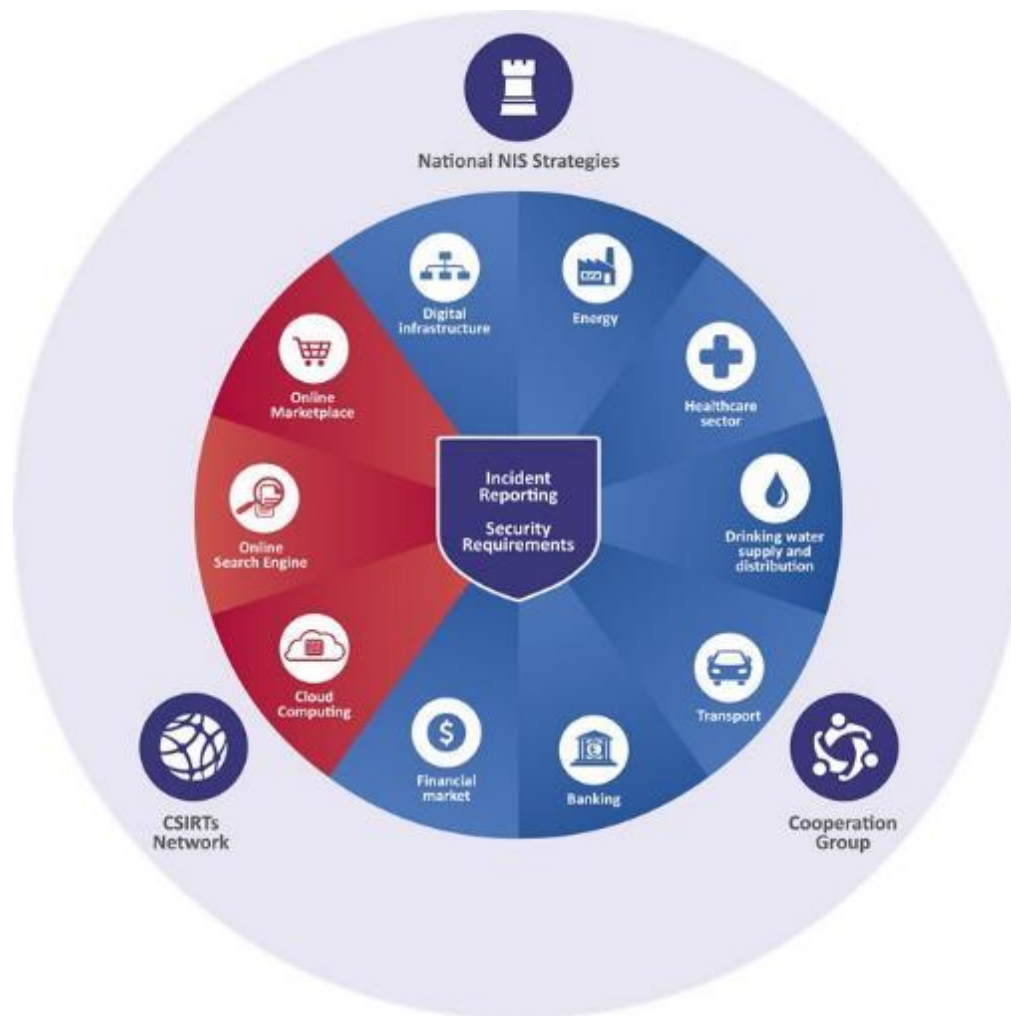
ECSCI (European Cluster for Securing Critical Infrastructures) Workshop

24 | 6 | 2020

EU POLICY CONTEXT



NIS DIRECTIVE





ENISA'S ROLE IN THE NISD

- 01** Assist MS and the EU Commission
- 02** Participate in the EU NIS Cooperation Group
- 03** Secretariat for CSIRTs Network
- 04** Elaborate advices and guidelines regarding standardization in NIS security
- 05** Organize exercises

NIS COOPERATION GROUP

In total 11 deliverables

NIS Cooperation group
Chair: Rotating with EU presidency
Secretariat: European Commission

Biannual Work program
2018-2020

WS1: OES
Identification criteria
(led by DE)

WS2: OES Security
measures
(led by FR)

WS3: Incident reporting
(led by RO)
(previously NL/PL)

WS4: Cross-border
dependencies
(led by EE)

WS5: Digital service
providers
(NL previously IE)

WS6: Cybersecurity
of EP elections
(led by EE/CZ)

WS7: Large scale
incidents (blueprint)
(led by FR/ES)

WS8: Energy sector
(led by AT)

WS9: National Cyber
capabilities
(led by AT/UK)

WS10: Digital
infrastructure
(led by PL)

WS12: eHealth
(led by PT)

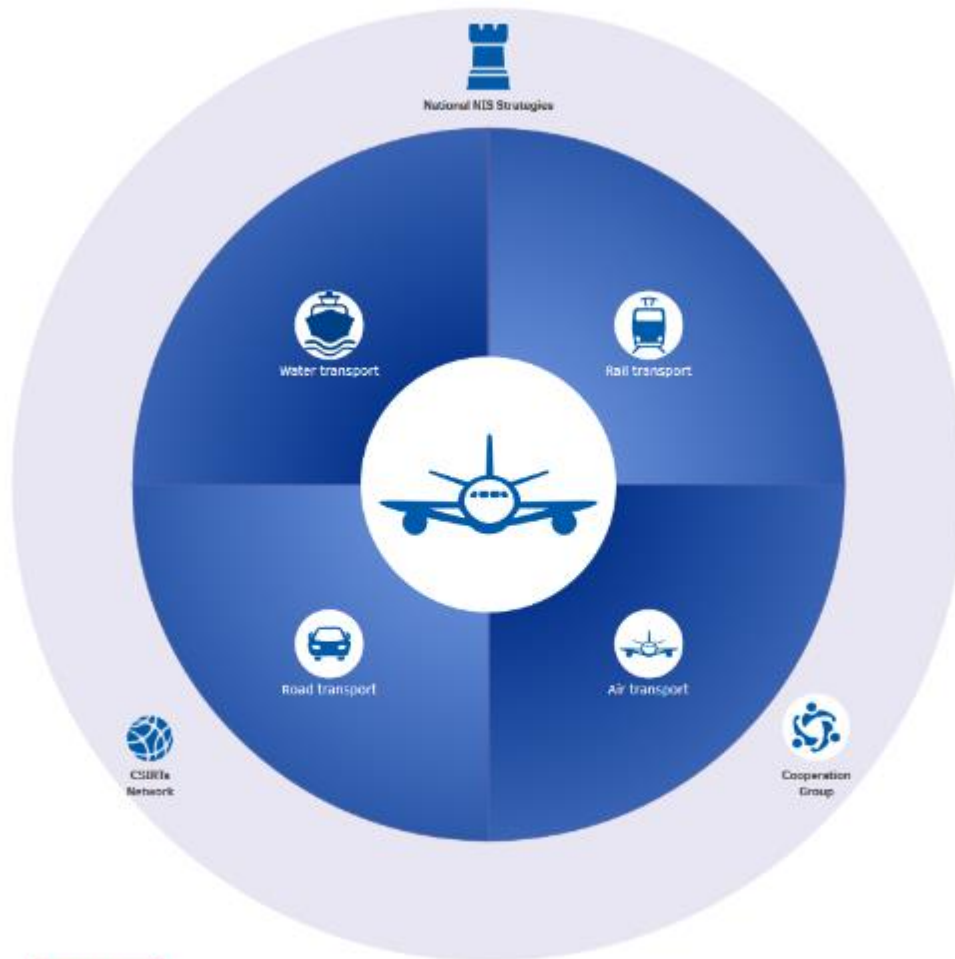
WS on 5G
cybersecurity

Article 13a group
eComms security
(chaired by NL)

Article 19 group
eTrust security
(chaired by AT)

<https://ec.europa.eu/digital-single-market/en/nis-cooperation-group>

NIS DIRECTIVE TOOL



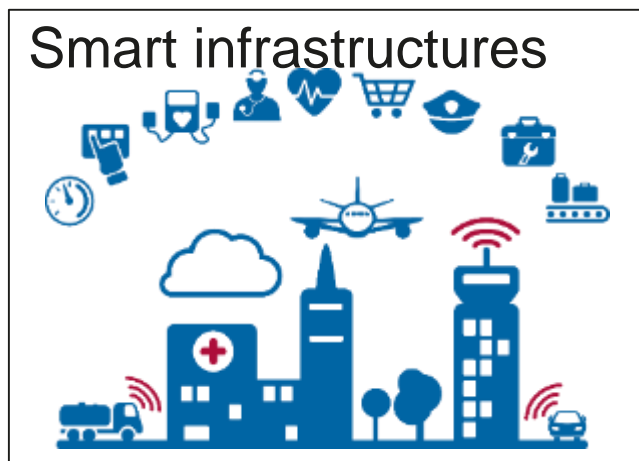
← Back to sectors

<https://www.enisa.europa.eu/topics/nis-directive/nis-visualtool>

National Competent Authorities for the Water transport subsector

 Belgium	Federal Mobility Minister (Federal Public Service Mobility)
 Croatia	Ministry of the Sea, Transport and infrastructure
 Czechia	National Cyber and Information Security Agency (NCISA)
 Denmark	The Danish Transport, Construction and Housing Authority
 Estonia	Information System Authority (RIA)
 Finland	Finnish Transport Safety Agency (Public contact information: Mr Pietari Pentinsaari, pietari.pentinsaari@trafi.fi)
 France	National cyber-security agency ANSSI
 Germany	Federal Office for Information Security (BSI)
 Greece	National Cyber Security Authority (General Secretariat of Digital Policy - Ministry of Digital Policy, Telecommunications and Media)
 Hungary	National Directorate General for Disaster Management
 Ireland	National Cyber Security Centre (NCSC)
 Latvia	Ministry of Transport
 Lithuania	Ministry of National Defence
 Luxembourg	Institut Luxembourgeois de Régulation
 Malta	Malta Critical Infrastructure Protection Unit (CIP)
 Poland	Minister of Maritime Economy and Inland Sailing
 Portugal	National Cyber Security Centre Portugal
 Romania	CERT-RO
 Slovakia	Ministry of Transport and Construction of the Slovak Republic

SECTORIAL IMPLEMENTATION OF NISD

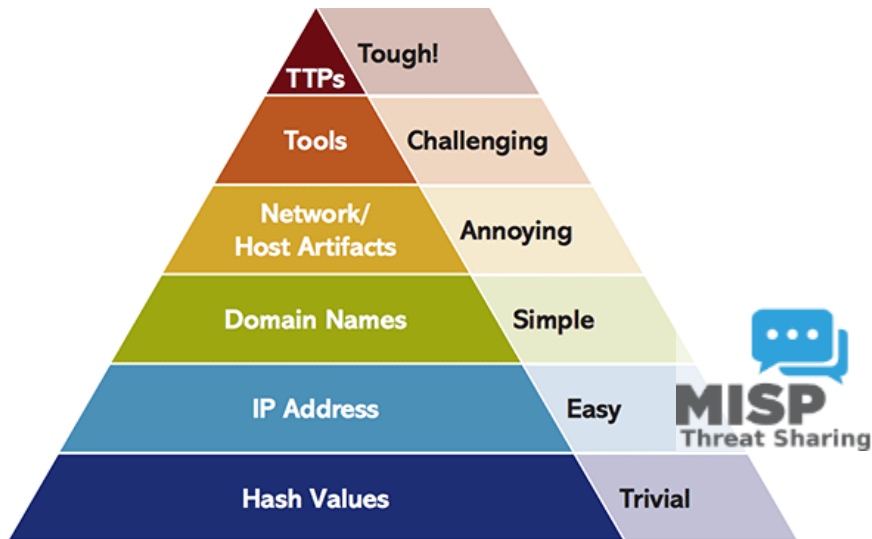


NISD STATUS

- All but one MS have transposed the Directive
- All members states have a National Cybersecurity Strategy
- We transit from compliance to implementation
- First annual summary report on incident notifications
- Assessment of the consistency of the OES identification
- Commission visits Member States on NISD implementation
- Cooperation Group WP 2020-2022 agreed



ENISA AND ISACS



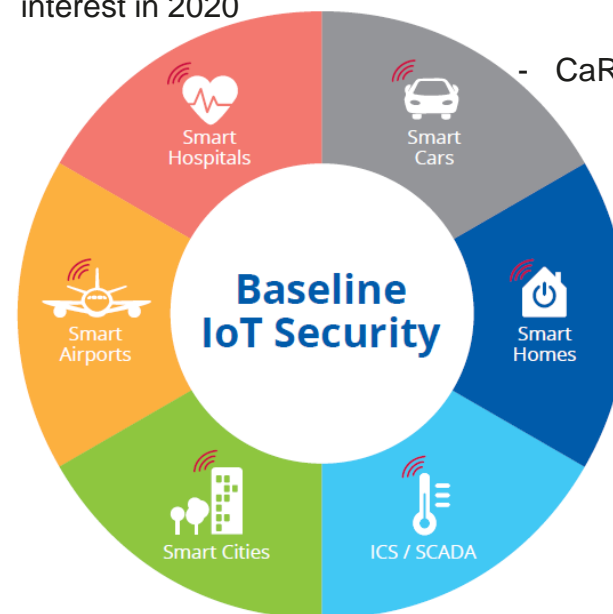
- **Member of several EU ISACs**
 - Energy, Finance, Rail
- **Facilitator**
 - 2 Inter EU ISAC meetings
 - Webinars, trainings, sectorial threat landscape
- **EU Policy support**
 - Advice to COM
 - Connecting Europe Facility (CEF) Telecom
- **EuroSCSIE**

DIGITISATION OF CRITICAL INFRASTRUCTURES

Challenges

- **Dependency on ICT**
- **Interconnections**
- **Lack of security by design**
- **COTS products**
- **ICS specific risks**

IoT Security Experts Group
call for expression of
interest in 2020



- CaRSEC Expert Group

EICS Experts Group
Call for expression of interest in 2021

CII TRENDS

- Rapid change: new business models
- Increased interdependencies across sectors
- New technologies: IoT, AI and Robotics
- IT/OT merging
- 5G
- Virtualization
- Hybrid threats
- Coexistence of multiple legal environments

CONCLUSIONS

NIS Directive the first piece of work on NIS at EU level
– enabler of higher level of security for Europe's Infrastructure.

ENISA as catalyst for collaboration and exchange

- Foster sharing about experiences, threats, incidents
- Collecting, consolidating, disseminating good practices
- Work with authorities to achieve EU-wide harmonization



“Collaboration is Everything”

THANK YOU FOR YOUR ATTENTION

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