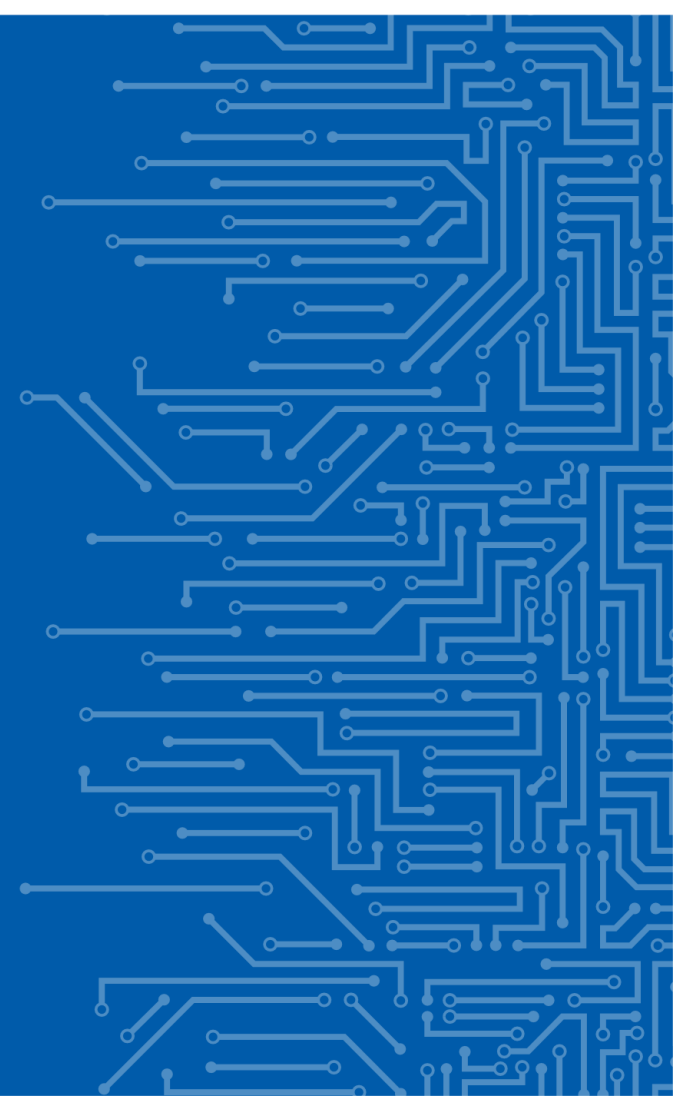# KEY ENERGY CYBER SECURITY INITIATIVES IN EU

Konstantinos MOULINOS, ENISA
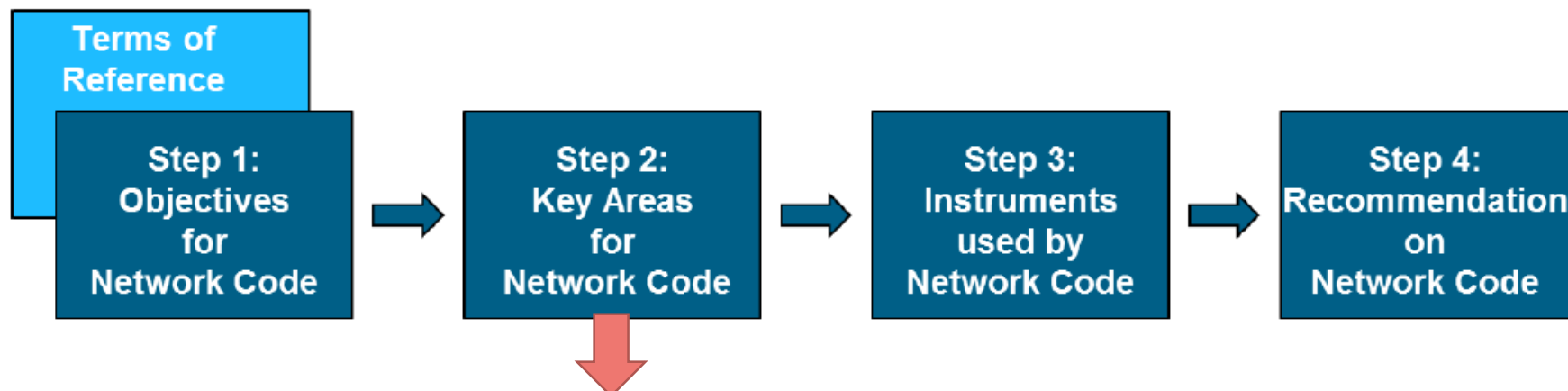Officer in Network and Information Security

28 | 05 | 2019

KEY ENERGY SECTOR CYBER SECURITY INITIATIVES

- **Smart Grid Task Force Expert Group 2**

- **NIS Directive**

- **European Energy Information Sharing and Analysis Center (EE ISAC)**

SMART GRID TASK FORCE EXPERT GROUP 2

Terms of Reference	Step 1: Objectives for Network Code	→	Step 2: Key Areas for Network Code	→	Step 3: Instruments used by Network Code	→	Step 4: Recommendation on Network Code

- ***Harmonized Cybersecurity Baseline***
  - Conformity to ISO 27001
  - Minimum Security Requirements
- ***Advanced Cybersecurity Implementation for OES***
  - Protection of Current Infrastructure
  - Supply Chain Risk Management
  - Cross border and Cross Organisation Risks
  - Early Warning System
- ***Supportive elements***
  - Crisis management
  - Supply Chain Security
  - Energy Cybersecurity Maturity Framework

enisa
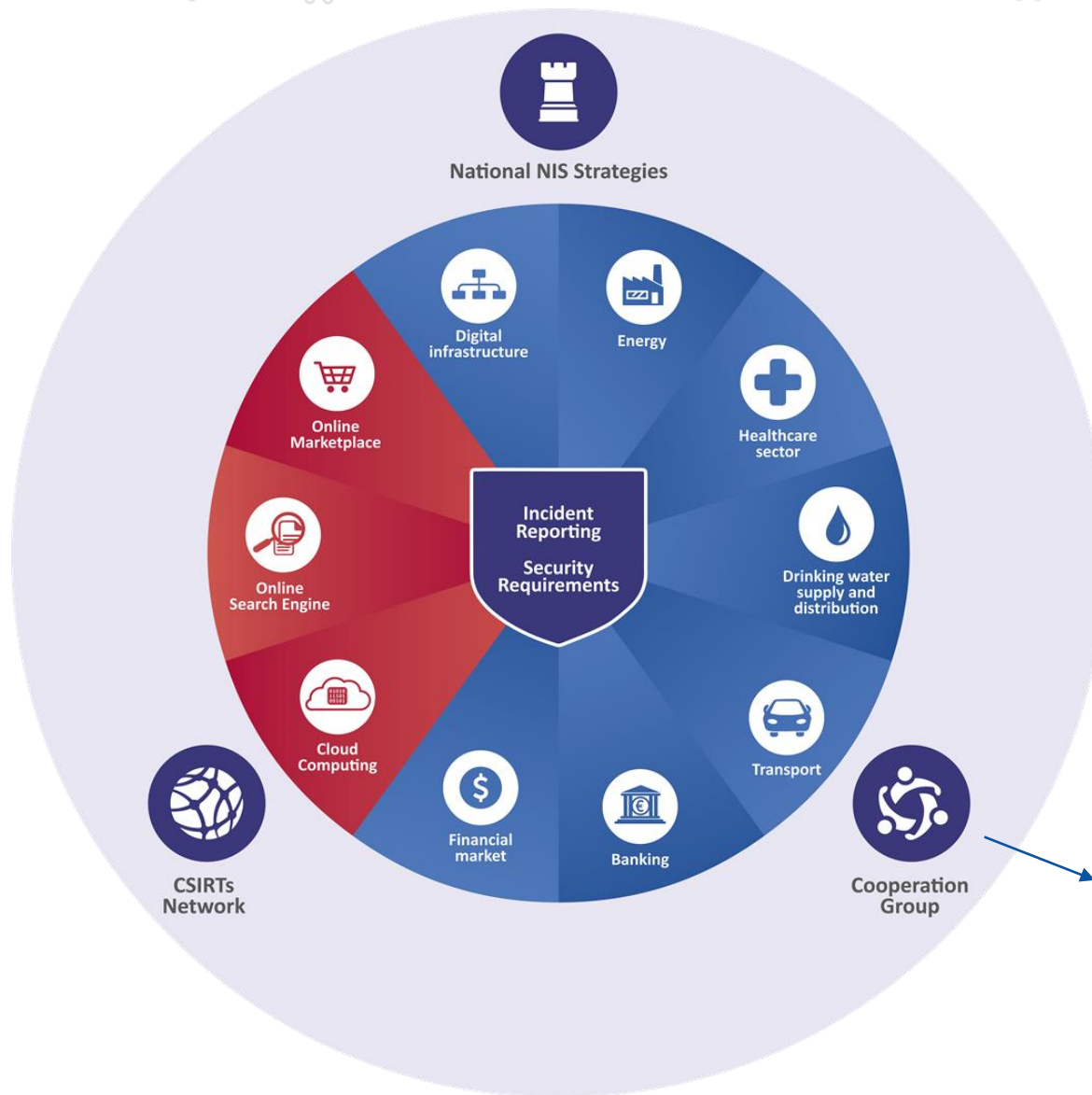
WS8 on cyber security for the energy sector – AT is the leader

NIS Directive

EE-ISAC Today

2018 FACTS & FIGURES

23 MEMBERS

- Utilities
- Vendors
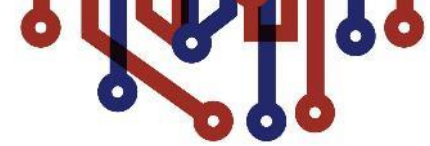- EU/Public Bodies
- Academia
- Research Labs

10 EVENTS

Signed agreements with Japan E-ISAC & US E-ISAC

10 TASK FORCES

1 Published White Paper
3 Expected Webinars

EE-ISAC

Activities & Sharing Topics

Physical Info Sharing Community	Digital Info Sharing Community	Topics of Information Sharing

Physical Info Sharing Community

- Plenary meetings
- Community meetings
- Theme based meetings
- Open house meetings

Digital Info Sharing Community

- Information requests/push
- Webinars
- Whitepaper

Topics of Information Sharing

- Vulnerabilities in IT and OT systems
- Threat/Risk analysis information
- Incidents
- Lessons learned / best practices
- Alerts and (patch)notifications
- Use of standards (ISO, IEC, NIST, NERC etc.)
- Research (H2020) topics

EE-ISAC

THANK YOU FOR YOUR ATTENTION

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