

Agentschap Telecom Ministerie van Economische Zaken en Klimaat

CEER: 21th June 2019 workshop Security Radiocommunications Agency Netherlands

Security: in control Restricted sharing, attendees only.

Ron Spuijbroek













Agentschap Telecom Ministerie van Economische Zaken en Klimaat

MinEZK: Ministry of Economic Affairs and Climate Policy → Competent Authority

Agentschap Telecom: Radiocommunications Agency → Supervisory body

"Energy": Oil, Gas, Electricity,...

"Internet": DSP's, Cloud, Marketplaces, Searchengines, InternetExchanges ,....



Agentschap Telecom Ministerie van Economische Zaken en Klimaat

# Supervisory Bodies

Keystone of European Security between law and companies

Closing te Gap in Security: together



## Supervising the Energysector

#### Current focus:

- Oil;
- Gas;
- Electricity;

#### Expected energytransition:

- Heat networks;
- Cooling networks;
- Hydrogen;
- LPG, CNG, LNG;
- Biogas;
- CCS;
- (coal, biomass, wood,..)

Per sector: chain-approach(source, network, users, Suppliers, admin systems, marketsystems)

#### i.e. electricity:

- DSO, TSO;
- Energyproducers: conventional
- New energy: Wind, Solar, incl distributed (inverters);
- Large (incl distributed) consumers; E-charge, etc;
- Essential assetSuppliers OT/IT;
- Energymarket/traders;
- Branche organisations;
- Associated supervisors, regulators (NL-ACM),
- chair NL-supervisory bodies on NIS-directive;

International collaboration ENISA, WS8, etc.



### How do we do that:

Just culture; (No automatic fine on a reported incident) Used for learning not for fines;

- 1. General inspections;
- 2. Thematic inspections;
- 3. Incident based inspections;

Close contact with companies & stakeholders



### What do we do in supervising the Energysector

- Company-Boardmeetings, board primarily responsible;
- Open guidelines: use what's allready in place, the 'security-languages' of the sector'
- Self-assessments; ENISA, CAF (UK), Branche Standards;
- Increasing levels: basics first, increased attention, up to APT-ready;
- Cyber Maturity Model, KPI's;
- In parallel: Reality Checks: websites, mailservers, FTP services; Customer log-in sites,
- IP-adressspace scanning on agenda;
- InternetChallenges: 'Internet-sickness', ancient insecure protocols, DDoS, DNS, certificates,
- and IPv6, Stop IP-Spoofing, BGP; (from controlled/improved by universities to non-controlled commercial)
- All interfaces are in scope: wireless, phone, Sat, etc
- Focus on ISMS, Riskassessment.
- Objective: Europe more resilient by: creating dashboards, KPI's, close communication:
- Continous improvement

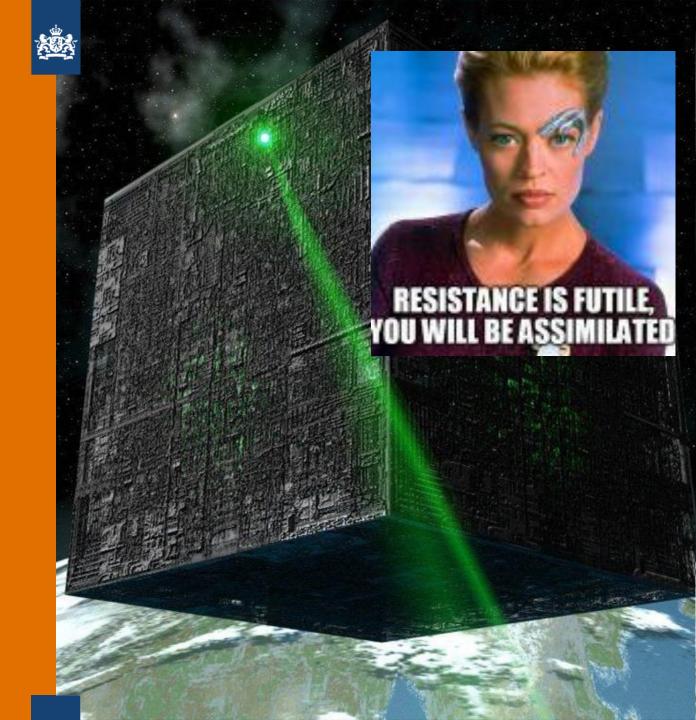
## Take away

"Will we be asimilated, or do we work together fast: CCMM, dashboards, Reality Checks, anti-DDoS,...

Joint-Supervising, joint responsibility

Will we be in time?

No Time to Waste!







work together









