



# Cybersecurity in Europe

*Water and cyber security  
Protection of critical water-related  
infrastructure*

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*Leonardo De Vizio  
Policy Officer at DG CONNECT  
Unit H.2, Digital Privacy & Cybersecurity policy*

# NIS Directive: the first EU cybersecurity law



## GREATER CAPABILITIES

Member States have to improve their cybersecurity capabilities.

NATIONAL COMPUTER SECURITY  
INCIDENT RESPONSE TEAM (CSIS-  
RT)

NATIONAL NIS STRATEGY

NATIONAL NIS AUTHORITY



## COOPERATION

Increased EU-level cooperation

EU MEMBER STATES  
COOPERATION GROUP  
(STRATEGIC)

EMERGENCY TEAMS  
(CSIRTS) NETWORK  
(OPERATIONAL)



EU MEMBER STATES; EUROPEAN COMMISSION;  
EUROPEAN UNION AGENCY FOR NETWORK AND  
INFORMATION SECURITY



EU MEMBER STATES; CERT-EU; EUROPEAN  
UNION AGENCY FOR NETWORK AND  
INFORMATION SECURITY



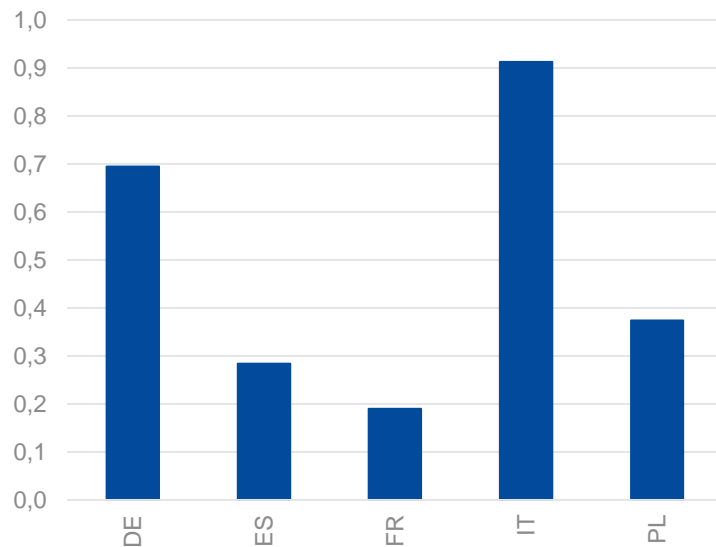
## RISK MANAGEMENT

Operators of essential services and Digital Service Providers have to adopt risk management practices and notify significant incidents to their national authorities.

SECURITY MEASURES

NOTIFICATION OF  
MAJOR INCIDENTS

# Review of the Directive on the Security of Network and Information Systems (NIS)



Identified OES in the five biggest Member States (per 100 000 inhabitants)

- Ensuring a **high level of preparedness** for what is ‘critical’
- Consistent security and notification requirements across **all key sectors**
- **More supervision and enforcement** (C-suite responsibility for cybersecurity)
- Cooperation between governments and companies (**information sharing eco-system**)

# Thank you! Let's keep in touch



[ec.europa.eu/ digital single market/cyber-security](https://ec.europa.eu/digital-single-market/cyber-security)



[Leonardo.DE-VIZIO@ec.europa.eu](mailto:Leonardo.DE-VIZIO@ec.europa.eu)



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