

The background is a dark blue globe with glowing blue lines representing a network or energy grid. The lines connect various points across the globe, creating a complex web of connections.

THE ENERGY COMMUNITY

EU framework for resilience of critical entities

CYBERSECURITY DAY in the Energy Community
Energy Community Secretariat 01-06-2021

MAIN AREAS OF WORK

Statistics



Electricity



Renewable energy



Value added tax



Competition/
state aid



Environment



Cyber security



Regulator




Gas



Climate



Energy efficiency



Oil



Security of energy supply

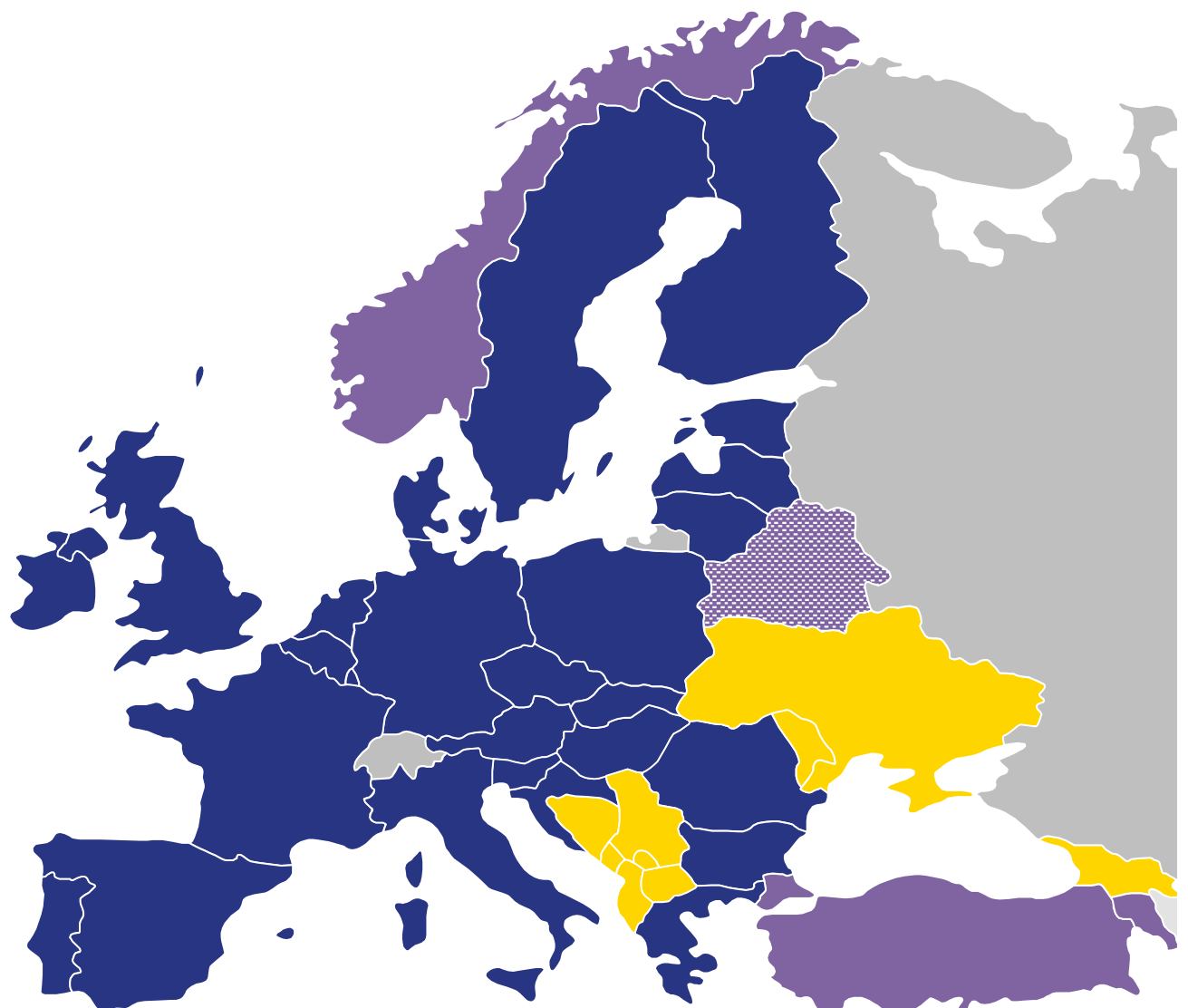


General services



 **Contracting Parties**

 **Observers**



SECURITY OF SERVICE

Directive on European Critical infrastructure [2008]

Directive on the Resilience of Critical Entities

ENERGY SECURITY

(Clean Energy Package) Risk Preparedness Regulation [2019]

Security of gas supply Regulation [2017]

Recommendations on cybersecurity in the energy sector [2019]

Network Code on Cybersecurity

Framework Guidelines

CYBERSECURITY

Directive on Security of Network and Information Systems (NIS) [2016]

Regulation on ENISA (Cybersecurity Act) [2019]

Directive on Cybersecurity across the Union (NIS 2)

- **Sectors:** energy (Electricity, Gas, Oil), transport
- **Identification**
 - **Criteria** - sectoral, cross-cutting, trans-boundary
 - **Threshold** - severity of impact
- **Designation** (bilateral, regional)
 - Criteria, reporting (EC, the operators), discretion
- **Operators' Security Plans**
 - Identification of critical **assets**,
 - Scenarios - **risk analysis** - vulnerability
 - **Security** measures, review / supervision
 - **Community** measures, compliance with agreed criteria
- **Liaison Officers** – communication
- **Threat assessment** – common **methodologies**, reporting

An asset, system or part thereof which is essential for the maintenance of vital societal functions, health, safety, security, economic or social well-being of people and the disruption or destruction of which would have **significant impact** in a MS as a result of the failure to maintain those functions

significant impact on **at least two** MSs (CPs)

- **Services:** **scope** (broadened) – Energy (electricity, gas, oil, hydrogen, district heating), Transport, Water / wastewater, Health, Banking, Financial infrastructure, Digital infrastructure, Public administration, Space
 - **Strategy** on the Resilience of Critical Entities (CE) (providing essential services to the EU internal market)
 - **Risk assessment** – obligation for CE, criteria for risk assessment (reporting obligation for the MS)
- **Identification of CE:** **list** – for each sector
 - **Criteria** for CE identification – infrastructure, impact - significant disruptive effects / thresholds (independent of the size)
 - **Notification** – service providers, competent authorities, MS, reporting to EC
 - **Competent authorities** (CA) – designation, cooperation with NIS-CA, **single point of contact** – cross-border liaison function
 - **Information sharing** – confidentiality protection
- **Resilience of CE:** **obligations**
 - Technical / organizational **Measures** to be applied – aimed to accomplish defined targets
 - **Notification** of disruption incidents (to CA) – criteria for significance, CA notifications
 - **Enforcement** of the obligations and powers of CA (audits, penalties)
- **Cooperation:** **European significance**
 - **Oversight** – advisory missions (European Commission rights and obligations)
 - **CE Resilience Group** (tasks, competences)

Considered as **EQUIVALENT** to critical entities

the role of sectoral regulatory authorities (**NRA**)

Promotes the role of **VOLUNTARY** form of cooperation

Ability to prevent, resist, mitigate, absorb, accommodate and recover from an incident that disrupts or has potential to disrupt the operation



THANK YOU
FOR YOUR KIND ATTENTION

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