

# NETWORK CODE ON CYBERSECURITY

5<sup>TH</sup> MEETING CYBERSECURITY COORDINATION GROUP, ENERGY  
COMMUNITY 16<sup>TH</sup> DECEMBER 2021



A NEW ASSOCIATION FOR THE EUROPEAN  
DISTRIBUTION SYSTEM OPERATORS (DSOS)

## The EU DSO Entity

The EU DSO Entity has been formally established by the Electricity Regulation (EU) 2019/943 "in order to increase efficiencies in the electricity distribution networks in the Union and to ensure close cooperation with transmission system operators and the ENTSO for Electricity."



# WHY A NETWORK CODE ON CYBERSECURITY FOR ELECTRICITY SECTOR

Electricity sector is not standard...

## Real-time requirements

...simply cannot be addressed by standard cyber security solutions like authentication or encryption.

## Cascading effects

...can trigger black-outs in other sectors and countries.

## Technology mix

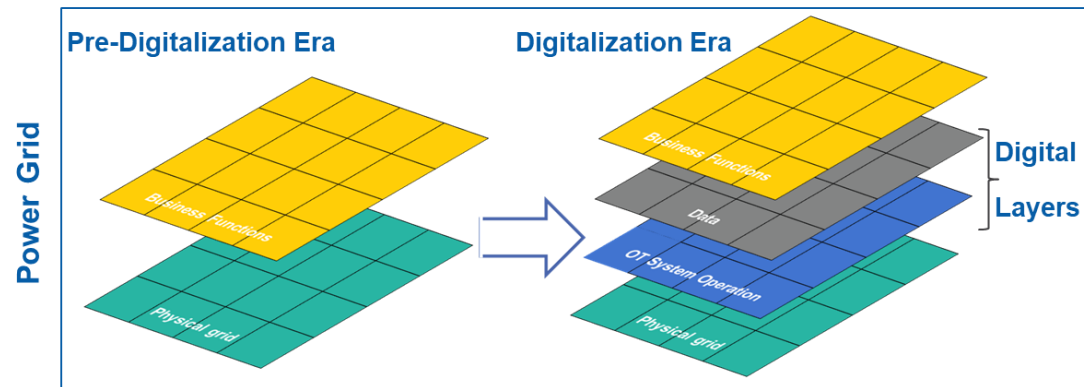
...creates risks from **legacy** components designed when cyber security was not an issue, and from new **Internet-of-Things** devices not made with cyber security in mind.

The global scenario of Cyber Threats is getting worse...

News of January 2017...



Energy Transition and associated Digitalization is enlarging the cyber attack surface...



# WHAT IS IN THE NETWORK CODE ON CYBER?



## Network Code on Cybersecurity Table of Contents:

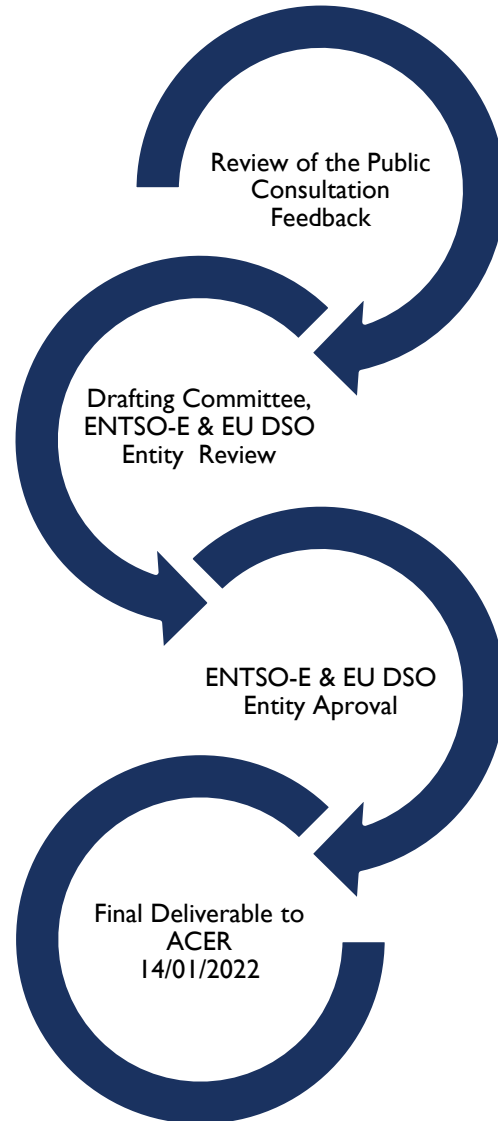
- I. General provisions (monitoring & Benchmarking)
- II. Governance for cybersecurity risk Management
- III. Risk management at Union and regional level
- IV. Common electricity cybersecurity Framework
- V. Risk analysis at Member State Level
- VI. Risk management at entity level
- VII. Harmonising product and system requirements and verification
- VIII. Essential information flows and Crisis Management
- IX. Electricity cybersecurity exercise framework

## THE TIMELINE... WHERE WE ARE NOW?

PROJECT	TASK		START	PLAN END
Phase 1 NC CS v1	Drafting NC CS Version 1 (DT)	✓	27/07/2021	11/11/2021
	Drafting Committee review	✓		
	Transpose the NC CS v1 in legal text	✓		
	Deliver the revised NC CS v1 (DT)	✓		
Phase 2 NC CS public consultation	Stakeholders' updates	✓	12/11/2021	10/12/2021
	NC CS public consultation	✓		
	Public Consultation Workshop 1	✓		
	Public Consultation Workshop 2	✓		
Phase 3 NC CS v2	Incorporate all comments from public consultation (DT)		13/12/2021	14/01/2022
	Deliver NC CS v2 (DT0)			
	Drafting Committee' review			
	Submit NC CS final to ACER			



# NEXT STEPS



All the relevant information can be found here: [Cybersecurity \(entsoe.eu\)](https://www.entsoe.eu/cybersecurity)