



EU activities on cybersecurity and energy

**Cybersecurity Day in the Energy Community,
1 June 2021**

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Energy Security & Safety*

Policy Context

“A Union that strives for more”



President
Ursula von der Leyen

A European Green Deal

An economy that works for
people

A Europe fit for the digital
age

Protecting our European way
of life

A stronger Europe in the
world

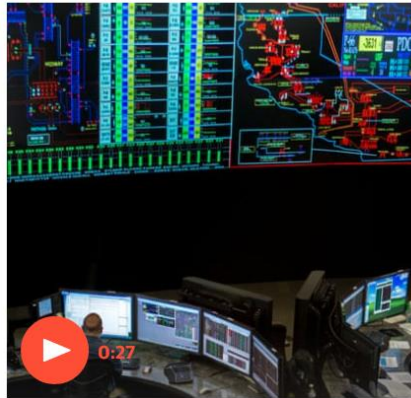
A new push for European
democracy

March 2018...

US accuses Russia of cyber-attack on energy sector and imposes new sanctions

US officials say malware was found in operations of US energy companies and announce sanctions for interference

Full details on the sanctions



Trump: 'It looks like' Russia was behind poisoning of former spy

The US has accused Russia of a wide-ranging

June 2019...

US ramps up attacks on Russian power grid

by Alana Goodman | June 15, 2019 01:25 PM

The Pentagon is intensifying its attacks on Russia in a cyber war between the U.S. and the Kremlin.

The U.S. has infiltrated Russia's electric power grid with American malware into the systems in response to political meddling, including efforts to influence the 2018 election, *York Times*.

Although the Times provided few specific details, it highlighted the potential to cripple Russia's electric infrastructure and reach and aggressiveness.

The move is intended as a warning to Russia against Russian provocation.

The warning strike was authorized by U.S. Cyber Command to conduct cyber "clandestine military operations" against attacks or malicious cyberactivities against the U.S. and congress. That authorization follows a similar move by Trump and congress. That authorization follows a similar move by Trump and congress. That authorization follows a similar move by Trump and congress.

News National Security Pentagon Russia Cybersecurity

March 2020...

European power grid organization says network was hacked



December 2020...

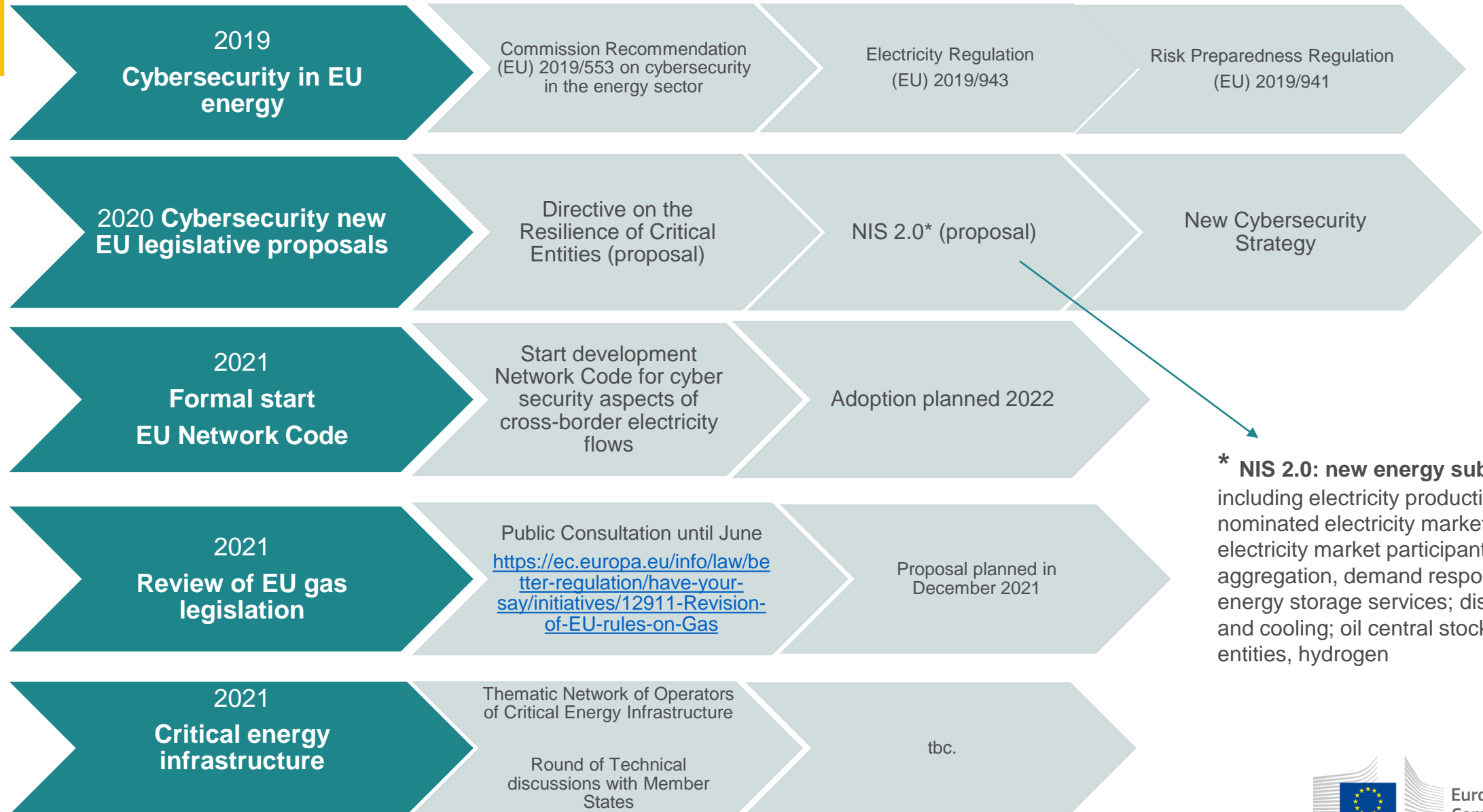


May 2021...



...to be continued.

Horizontal and energy-specific measures to date



* **NIS 2.0: new energy subsectors**, including electricity production, nominated electricity market operators, electricity market participants providing aggregation, demand response or energy storage services; district heating and cooling; oil central stockholding entities, hydrogen

Network Code on cybersecurity

- Electricity Regulation (EU) 2019/943, Article 59 (2) empowers the Commission to adopt a delegated acts supplementing this Regulation in accordance with Article 68 concerning the establishment of network codes in respective areas.
- For cybersecurity the Article 59 (2) (e) foresees sector-specific rules for cyber security aspects of cross-border electricity flows, on common minimum requirements, planning, monitoring, reporting and crisis management.

Network Code on cybersecurity

- Furthermore, Commission Implementing Decision (EU) 2020/1479 establishes a priority list for the development of network codes and guidelines for electricity for the period from 2020 to 2023.
- Article 1 of this Decision provides for the development of sector-specific rules for cybersecurity aspects of cross-border electricity flows.
- Process in a nutshell:



Thank you

More info on

https://ec.europa.eu/energy/topics/energy-security_en



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