



Network code on cybersecurity

Frederik Geerts
Energy Security and Safety
DG ENER

EnC CyberCG 17 July 2020

News of January 2017...

BBC Sign in News Sport Reel Worklife Travel Future M

NEWS
Home Video World UK Business

Technology

Ukraine power cut

11 January 2017



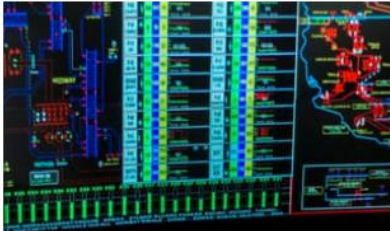

Ukraine's energy grid has been attacked twice

A power cut that hit part of the Ukraine was judged a cyber-attack by researchers

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

US officials say malware was found on US energy companies and announce interference

● **Full details on the sanctions**

▲ Trump: 'It looks like' Russia was behind poisoning

The IIS has accused **Russia** of a wi

March 2018...

US ramps up attacks on Russian power grid

by Alana Goodman | June 15, 2019 01:2

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

The U.S. has infiltrated Russia's electrical grid with American malware into the systems in order to conduct political meddling, including efforts to disrupt the grid, *York Times*.

Although the Times provided few specifics, it noted the potential to cripple Russia's electrical grid and reach and aggressiveness.

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

The warning strike was authorized by President Trump and congress. That authorization allows the U.S. to respond more aggressively to Kremlin provocations.

News National Security Pentagon Russia

June 2019...

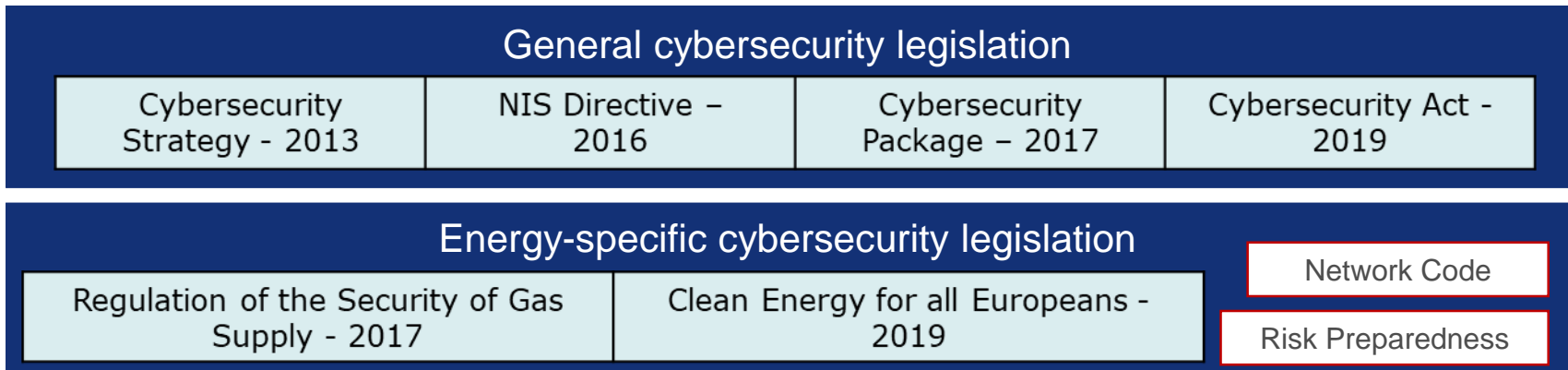
European power grid organization says its IT network was hacked



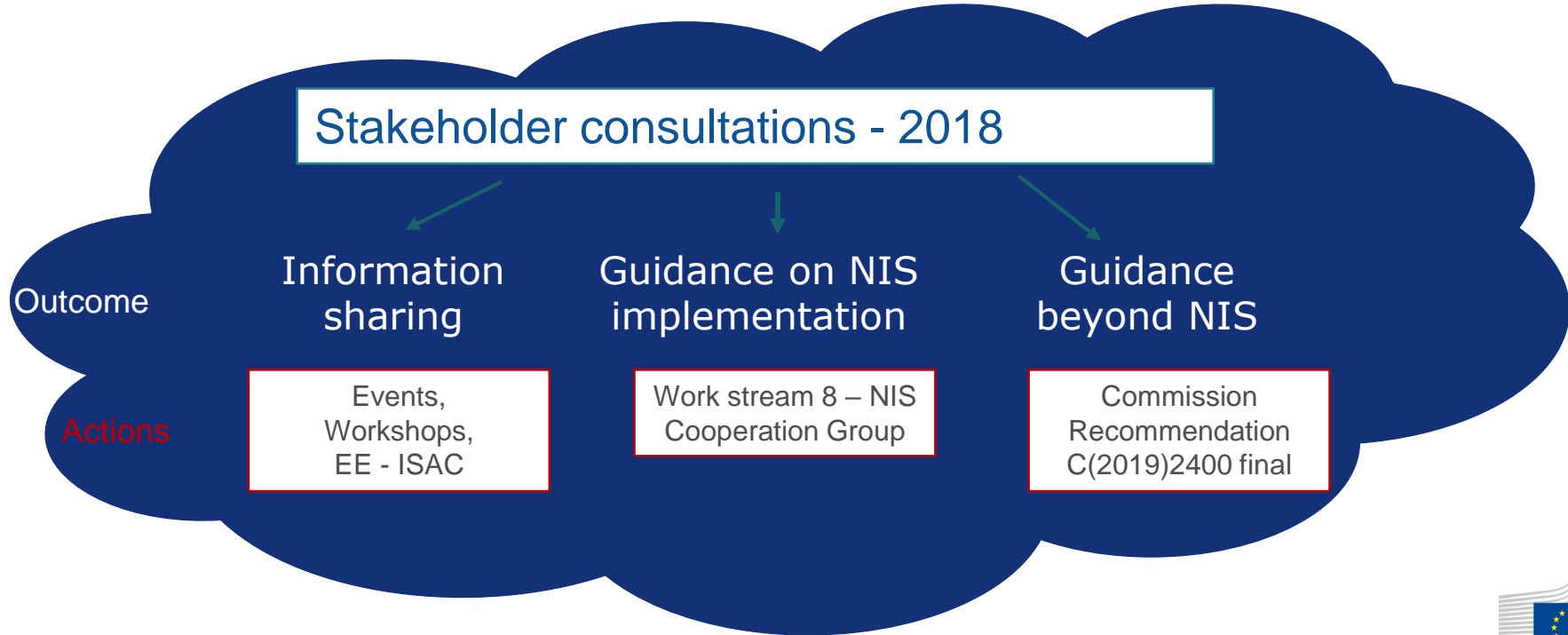
March 2020...

...to be continued.

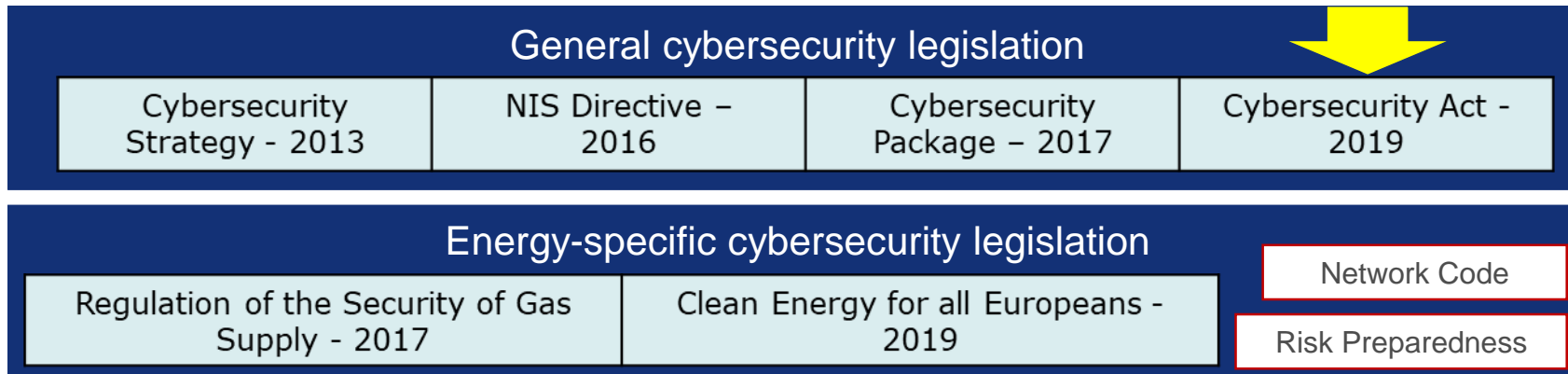
LEGISLATION



SOFTWARE MEASURES



L
E
G
I
S
L
A
T
I
O
N

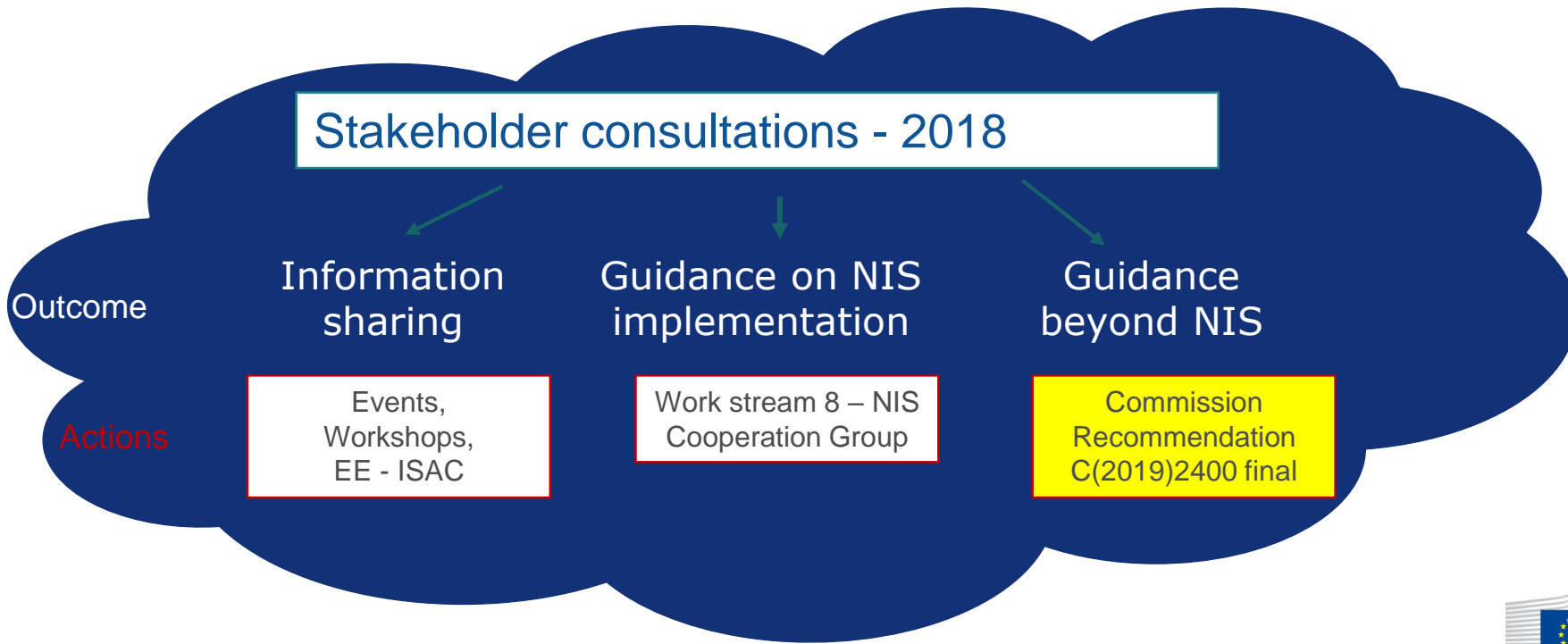


Real time requirements

Cascading effect

Technology mix

S
O
F
T
M
E
A
S
U
R
E
S



Planning Network Code



Next steps:

- *Follow-up on the Recommendation*
- *Consider cybersecurity in regional/national Risk Assessments*
- *Draft Network Code on cybersecurity*

Thank you

More info on
https://ec.europa.eu/energy/topics/energy-security_en



© European Union 2020

Unless otherwise noted the reuse of this presentation is authorised under the [CC BY 4.0](https://creativecommons.org/licenses/by/4.0/) license. For any use or reproduction of elements that are not owned by the EU, permission may need to be sought directly from the respective right holders.