

The background features a dark blue and green color palette. On the left side, there is a large, stylized gear or circular interface with various segments and a central glowing point. The rest of the background is filled with a grid of glowing green lines and dots, resembling a circuit board or data network.

Cybersecurity for Europe

Cyberday Luxembourg

13-10-2022

AGENDA

1. The 3 strategies shaping EU's *cyber* future
2. “Team cyber” for Europe
3. ECCCC, The NCC Network & The Community
a bottom-up approach to achieve cybersecurity excellence
4. Horizon & Digital Europe Programmes
5. “NCC-LU, the national coordination centre”

Strategy for Shaping Europe's Digital Future



European Security Union Strategy



EU Cybersecurity Strategy

1. Resilience, technological sovereignty and leadership
 2. Building operational capacity to prevent, deter and respond
 3. Advancing a global and open cyberspace through increased cooperation
- NIS2, **ECCC**, cybersecurity shield (SOC), DIHs
 - **ENISA**, CERT-EU, JCU, Defense Fund
 - Cyber Diplomacy, UN AHC, EUCybernet

“Team cyber” for Europe



- NIS Coordination Group
- CSIRT Network
- CyCLONE (Cyber Crisis Liaison Network)



- The Network (NCCs)
- The Community (Research, Academia, Industry & Civil Society)

ECCC, The NCC Network & the Community

*a bottom-up approach to achieve
cybersecurity excellence*

A common responsibility and effort

Only together can we achieve our mission, to

- Strengthen EU's **leadership** and strategic **autonomy** on cybersecurity by developing the EU's capacities and capabilities of the Digital Single Market;
- Support and foster **research, innovation** and **technological** developments, for the resilience of systems, including critical infrastructure as well as commonly used hardware and software;
- Encourage and coordinate training activities, to ensure that everyone in Europe has access to the university and **life-long-learning** courses, as well as to motivate young people to go for a **cybersecurity career** and support efforts that address the gender gap; and
- Increase the global **competitiveness** of the EU's cybersecurity industry, ensure high cybersecurity standards throughout the EU and turn cybersecurity into a competitive advantage.

Status and next steps

- Building, ED and team
- Strategic Agenda
- Market Observatory (see published tender)
- Joint Actions (e.g. “SOC”)
- DEP and HEP calls
- Local actions via NCCs (cascading funding)
- Synergies with EDA, ESA, et al.

Horizon and Digital Europe Programmes

Horizon Europe 2022

- Submission Deadline: **16/11/2022** for the 2022 topics in Cybersecurity
- Successful proposals to be notified: March 2023 (tentatively)
- Indicative Time to Grant Signature: 8 months (July 2023)

TOPIC	Title	Type of Action	Open Date	Deadline	Budget	Recommended budget per proposal
HORIZON-CL3-2022-CS-01-01	Improved monitoring of threats, intrusion detection and response in complex and heterogeneous digital systems and infrastructures	RIA	30/06/2022	16/11/2022	21 MEUR	4 – 6 MEUR
HORIZON-CL3-2022-CS-01-02	Trustworthy methodologies, tools and data security "by design" for dynamic testing of potentially vulnerable, insecure hardware and software components	RIA	30/06/2022	16/11/2022	17,3 MEUR	3 – 5 MEUR
HORIZON-CL3-2022-CS-01-03	Transition towards Quantum-Resistant Cryptography	RIA	30/06/2022	16/11/2022	11 MEUR	3,5 – 6 MEUR
HORIZON-CL3-2022-CS-01-04	Smart and quantifiable security assurance and certification shared across Europe	RIA	30/06/2022	16/11/2022	18 MEUR	3 – 5 MEUR

Digital Europe 2022

Topic	Budget
Network of National Coordination Centres	€ 55M (total)
EU cybersecurity resilience, coordination and cybersecurity ranges	€ 15M
Capacity building of Security Operation Centres (SOCs)	€ 72,5M
Secure 5G and other strategic digital infrastructures and technology	€ 10M
Uptake of innovative cybersecurity solutions in SMEs	€ 32M
NIS Directive implementation and national cybersecurity strategies	€ 20M
Testing and certification capabilities	€ 5M

"NCC-LU"





Thank you for your attention

Pascal Steichen – *Chairperson ECCC*