



INSTITUTO NACIONAL DE CIBERSEGURIDAD

NCCs: Connecting the dots

An opportunity for R&D, capacity building and strength the European Ecosystem

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Land of cybersecurity

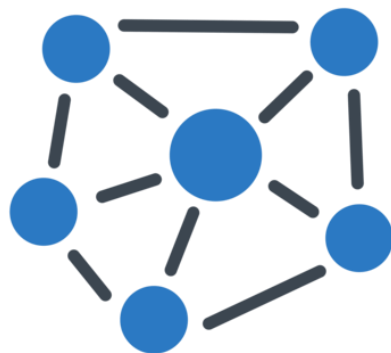
Scope of the Initiative

Scope

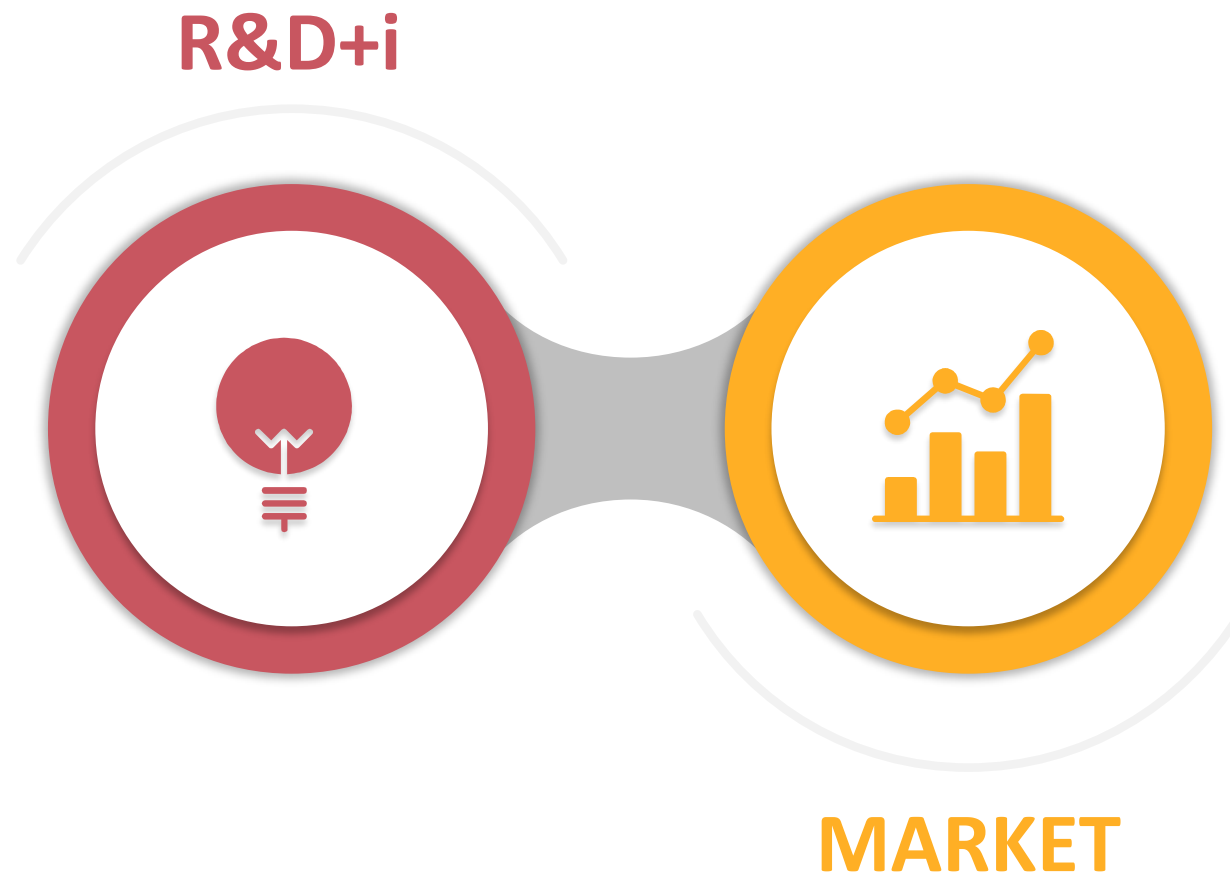
- ❖ **Strengthening** European cybersecurity **capabilities**
- ❖ **Protect** our economy and society from **cyber-attacks**
- ❖ Maintain and promote **excellence in research** and strengthen the **competitiveness of EU industry**

- September 2017 ■ Tallinn 2017 Heads of State Summit: Mandate, EU a **global leader in cybersecurity by 2025**
- September 2018 ■ The Commission presents the **proposed Regulation**
- December 2020 ■ Member states **confirm the agreement**
- January 2021 ■ **Formal adoption** by the European Parliament and the Council
- June 2021 ■ **Entry into force** of the regulation
- 2021-2022 ■ **Implementation** of ECCC and NCCs

Connecting the DOTS



Closing the GAP



Mission of the ECCC and the Network

The European Cybersecurity Competence Centre (ECCC), located in Bucharest, will strengthen the **capabilities** of the cybersecurity technology community, protect our economy and society from **cyber-attacks**, maintain **research** excellence, and strengthen the **competitiveness** of EU industry in this field.



It is the mission of the ECCC (art. 3):

- ◆ Support **resilience and reliability of networks and information systems**.
- ◆ Support the **Union's capabilities, competencies and technological means in relation to the resilience and reliability of network infrastructures and information systems**.
- ◆ Increasing the **EU's competitiveness and leadership** in cybersecurity.

Must contribute:

- ◆ The emergence of **solutions to the cybersecurity challenges** faced by the public and private sectors and support the effective deployment of these solutions.
- ◆ Make **strategic investment decisions**, pooling the resources of the EU, Member States and Industry.
- ◆ **Implement financial support**, related to cybersecurity, from the Horizon Europe and Digital Europe programs.

Strategic Agenda

Short-term impact statements

- ◆ By 2027, the ECCC and the NCC Network will have **funded European SMEs in the development and use of strategic cybersecurity technologies, services and processes** through a coordinated cascading funding mechanism through NCCs and national co-funding that lowers the application threshold for SMEs.
- ◆ By 2027, the ECCC and the NCC Network will have **supported and increased the professional cybersecurity workforce**, both in quantity and quality, through standardization and certification of cybersecurity competencies and investments in education and training of cybersecurity professionals.
- ◆ By 2027, the ECCC and the NCC Network will have **strengthened the research, development and innovation expertise and competitiveness of the EU cybersecurity community** through the development and implementation of an effective and coherent action plan.



An Opportunity for R&D&I in cybersecurity

Financial Boost

Direct mechanisms and cascade funding

BOE *Real Decreto 204/2023, de 28 de marzo, por el que se modifica el Real Decreto 403/2020, de 25 de febrero, por el que se desarrolla la estructura orgánica básica del Ministerio de Asuntos Económicos y Transformación Digital.*



1.650 M€
(Cybersecurity funding 2021-2027)



HORIZON EUROPE

1.600 M€
(Cluster III – includes cybersecurity – 2021-2027)



8.000 M€
(2021-2027)

Support and Dynamization

- ◆ R&D+i emerging technologies
- ◆ SMEs and Cyber Industry
- ◆ Multisectoral impact (energy, health, telco, manufacturing, public, financial, space...)
- ◆ Solutions for civil and military use
- ◆ Employment Promotion and Talent Development
- ◆ Synergies with Community and European bodies

National Cybersecurity Competence Community

The Community will involve a broad, interdisciplinary, open and diverse group of European stakeholders in the field of cybersecurity technology, including in particular **research entities, supply and demand side industry, including SMEs, and the public sector.**

It will involve the participation of **National Coordination Centres, European Digital Innovation Hubs**, where appropriate, as well as **institutions, bodies and agencies with Union expertise**, such as ENISA.

Functions of the members of the Community

- **Support the Competence Centre** in fulfilling its mission and achieving its objectives.
- They will **work in close collaboration** with the Competence Centre and the National Coordination Centres.
- **Participate, when appropriate, in working groups** to carry out specific activities foreseen in the annual work program.
- They will support the Competence Centre and the NCCs in the **promotion of specific projects.**



National Coordination Centres: Regulation



Functions (art. 7)

- ◆ Act as a **point of contact and coordination** at the national level to support the Competence Centre in its mission and objectives, cooperate with other relevant stakeholders, industry, the public sector, the academic and research community and the public, taking into account the challenges in cybersecurity
- ◆ **Implementation of cross-border projects** and joint actions financed through the EU
- ◆ Provide **specialized knowledge** taking into account the specific challenges in cybersecurity, at the national and regional level
- ◆ **Establish synergies** with relevant activities at the national, regional and local levels, in particular the policies set forth in national cybersecurity strategies
- ◆ Provide **technical assistance** for projects managed by the ECCC in relation to its mission and objectives
- ◆ Promote cybersecurity **education programs**
- ◆ **Evaluate National applications** to form part of the Community
- ◆ Create a public-private **Community of Competence** at national level

National Coordination Centres: Regulation

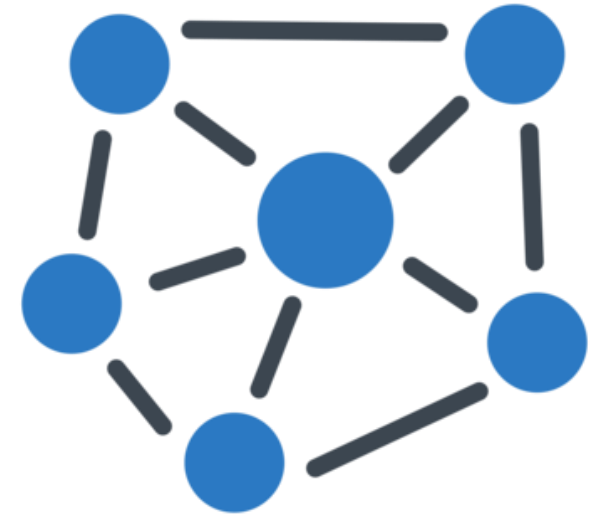
Functions (art. 7)

SUPPORT

National Coordination Centres: Services

Contact Point for and Coordination of the Cybersecurity Competence Community at the national level

- ◆ Ensure, at the national level, **sharing knowledge and expertise** within the national and European cybersecurity community.
- ◆ **Collect input from relevant stakeholders**, including industrial end users
- ◆ Help to elicit **cybersecurity requirements from the demand side**
- ◆ Pursue a **public-private partnership approach**, including on the complementarity of public and industry investment priorities.
- ◆ Build on **existing relevant communities and structures** at National level in order use resources and expertise available efficiently.
- ◆ Advocate and **promote the involvement of relevant entities** in the activities arising from the Competence Centre, the Network and the Community.
- ◆ **Inform about training measures and programmes** of the EU funding programs related to cybersecurity.
- ◆ Assess requests by entities established in the same Member State to become **part of the Community**.



National Coordination Centres: Services

Disseminating information, tools, materials and resources and promoting participation in cross-border projects and in cybersecurity actions funded by relevant Union programmes

- ◆ Promote and disseminate information on **European initiatives and resources at regional and local level**
- ◆ **Disseminate tools, material and resources**, including tools, material and resources generated in EU projects or otherwise shared between NCCs. They will provide or facilitate access to cybersecurity knowledge and raise awareness for tools to smaller entities such as micro-SMEs.
- ◆ Exchange and where possible coordinate with **Digital Innovation Hubs, National Contact Points (NCPs) of the Digital Europe Programme and Horizon Europe** and project consortia, among others
- ◆ Exchange information, requirements, and collaborate with the Network and/or with individual NCCs of other Member States on the **set-up of cross-border projects**.



National Coordination Centres: Services

Organise cybersecurity events and attend/ promote stakeholder events

◆ **Organise their own cybersecurity events** in order to promote cooperation and expand the national NCC Community and the European NCCs Network, such as (but not limited to):

- ◆ Conferences and information sharing events
- ◆ Workshops
- ◆ Expert meetings
- ◆ Training courses and programmes

◆ **Promote stakeholder events that align with the goals of the ECCC**, other external events and cybersecurity events in the context of EU funding programmes (Horizon Europe, Digital Europe and other programmes):

- ◆ Advertising other future/ongoing events, meetings, training programmes and projects

- ◆ Cross-border projects including joint actions and inter-agency projects
- ◆ Organisation of events with national stakeholders
- ◆ Networking and matchmaking events

- ◆ Assisting interested parties connect with other stakeholders
- ◆ Speaking at relevant events organised by third parties



National Coordination Centres: Services

Coordinating funding opportunities and investments from the Union

- ◆ Counselling, coaching services - The NCC may assist, counsel and coach interested parties, including start-ups, on topics such as:
 - ◆ Invitations to tender and funding rules
 - ◆ Finding potential project partners
 - ◆ Informing about industrial, national and European research projects
 - ◆ Matchmaking with other interested parties
 - ◆ Assess project ideas and eligibility for funding
 - ◆ Advise on the application process
- ◆ Promoting participation in cross-border projects and in cybersecurity actions funded by relevant Union programmes
 - ◆ Identify priority areas and potential stakeholders
 - ◆ Share information concerning relevant funding opportunities
 - ◆ Help initiate and enable joint actions, and may themselves be involved in joint actions
- ◆ Promoting Providing assistance and support to third parties
 - ◆ Manage and monitor the funds made available by the Digital Europe Programme with the aim of achieving the objectives of the Regulation, with regards to the financial support to third parties (FSTP)



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