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DG CNECT H1 – Cybersecurity Technologies and Capacity Building

#DigitalEuropeProgramme



## EU Cybersecurity Competence Centre and Network

#### **European Competence Centre**

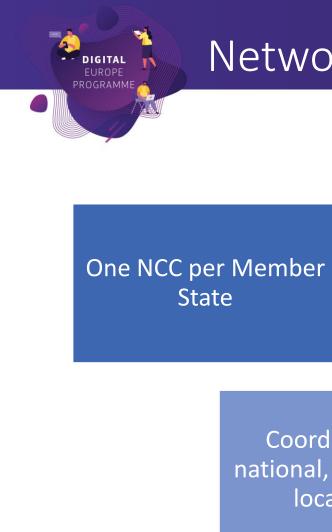
- Funds manager for cybersecurity in Digital Europe and Horizon Europe 2021-2027
- Facilitate the Network and Community to drive the cybersecurity technology agenda
- Support joint investment by the EU, Member States and industry

Network of National Coordination Centres

- Member States contact point
- Objective: national capacity building and link with existing initiatives
- National Coordination Centres may receive and pass financial support

#### Community

• A large, open, and diverse group of cybersecurity stakeholders (research, private and public sectors, both civilian and defence)



## Network of National Coordination Centres

May	receive/	pass	EU
	fundin	g	

Promotes participation in cross-border projects and in cybersecurity action

National capacity building and link with existing initiatives

Coordinates the national, regional and local levels Promotes cybersecurity educational programmes

Advocates involvement of relevant entities



## **Competence Community**



A large, open, and diverse group of cybersecurity stakeholders



Exchanges with the ECCC/NCCs on developments in cybersecurity



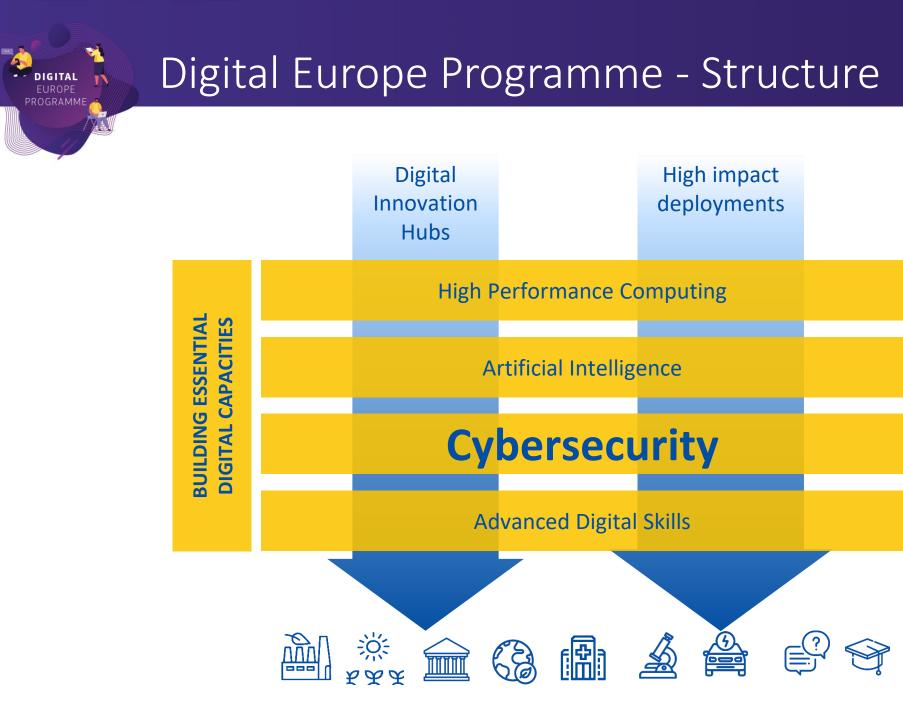
Provides input to the activities of the ECCC/NCCs

## DIGITAL Europe Programme

Deployment of technology to businesses and citizens.

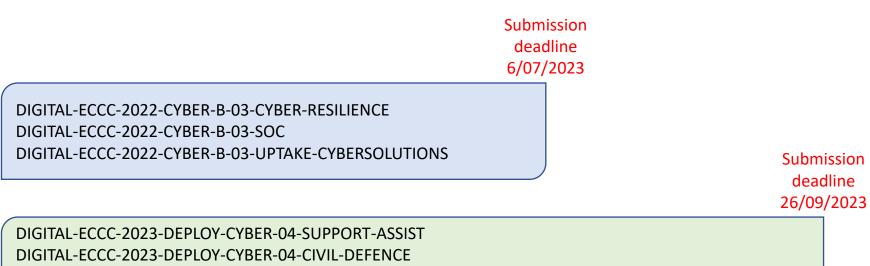
EUROPE

Speed up economic recovery and digital transformation of European economy and society. Complementary to other EU programmes, e.g., Horizon Europe Strategic financing for five crucial areas





### Digital Europe Programme – Open Calls



DIGITAL-ECCC-2023-DEPLOY-CYBER-04-STANDARDISATION

DIGITAL-ECCC-2023-DEPLOY-CYBER-04-EULEGISLATION





## **Digital Europe Programme**

## DIGITAL-ECCC-2023-DEPLOY-CYBER-04

## Digital Europe: **2023** topics and deadlines

Торіс	Budge	Opening	Deadline
DIGITAL-ECCC-2023-DEPLOY-CYBER-04-SUPPORT-ASSIST Preparedness Support and Mutual Assistance	€ 35M		
DIGITAL-ECCC-2023-DEPLOY-CYBER-04-CIVIL-DEFENCE Coordination Between the Cybersecurity Civilian and Defence Spheres	€3M		
DIGITAL-ECCC-2023-DEPLOY-CYBER-04-STANDARDISATION Standardisation in the Area of Cybersecurity	€3M	25/05/23	26/09/23
DIGITAL-ECCC-2023-DEPLOY-CYBER-04-EULEGISLATION Support for Implementation of EU Legislation on Cybersecurity and National Cybersecurity Strategies	€ 30M		

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## Preparedness Support and Mutual Assistance (I)

#### Objectives

• Increase the level of protection and resilience to cyber threats, by assisting Member States in their efforts to improve the preparedness for cyber threats and incidents by providing them with knowledge and expertise.

#### Scope

- Support for testing of essential entities operating critical infrastructure for potential vulnerabilities
- Support for threat assessment and risk assessment.
- Risk monitoring service

Proposals must implement a mechanism for **financial support to third parties**. Proposals that do not foresee this will be ineligible.



## Preparedness Support and Mutual Assistance (II)

#### Outcomes and deliverables

- Preparedness support services
- Threat assessment and risk assessment services
- Risk monitoring services
- Mutual assistance among Member States

#### KPIs to measure outcomes and deliverables

- Number of penetration tests provided
- Number of essential entities supported
- Number of threat assessments / risk scenario analyses carried out
- Number of risk monitoring services provided
- Number of potential number of users covered per test/exercise
- Number and nature of vulnerabilities discovered
- Number of cross-border actions/exercises



## Preparedness Support and Mutual Assistance (III)

#### Targeted stakeholders

This topic targets in particular:

- National cybersecurity authorities,
- National cybersecurity competence centres,
- National Coordination Centres (as defined in Regulation (EU) 2021/887),
- Private entities and any other relevant stakeholders with the capacity to aggregate demand from end beneficiaries,

to launch tenders for procurement in the cybersecurity market space and to run downstream calls for allocating Financial Support to Third Parties.

Grants for Financial Support — 100% funding rate, EUR 35M, duration up to 48 months, indicative budget: EUR 3-7M per project

Multi-country consortia composition is not mandatory for this topic but will positively contribute to the impact of the action.



## Standardisation in the Area of Cybersecurity (I)

#### Objective

• Support further standardisation in the area of cybersecurity, notably in view of the implementation of the proposed Regulation on the Cyber Resilience Act (CRA), in particular with a view to improving the awareness and engage stakeholders in such standardisation work.

#### Scope

• Ensure wide stakeholder participation in standardisation activities in the area of cybersecurity, and in particular in relation to development of harmonized standards facilitating the implementation of the Cyber Resilience Act. This can be in the form of meetings, workshops and collaborative activities, involving the private as well as the public sector.

## Standardisation in the Area of Cybersecurity (II)

#### Outcomes and deliverables

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- Organization of events, workshops, stakeholder consultations, and production of white papers, all
  fostering the development of harmonised standards and conformity with requirements stemming from
  above mentioned legislative framework.
- Support for participation of relevant European experts in European and international cybersecurity standardisation fora.

#### KPIs to measure outcomes and deliverables

- Number of standardisation work items directly relevant for the development of harmonised standards for CRA presented in white papers, reporting on substantive discussions, options considered, conclusions taken and their relevance to the policy objectives.
- Number of experts participating in cybersecurity standardisation activities that are directly relevant for the development of harmonised standards for CRA.
- Number of standardisation activities in the area of cybersecurity that are directly relevant for the development of harmonised standards for CRA.
- Number of SMEs and start-ups participating in cybersecurity standardisation activities that are directly relevant for the development of harmonised standards for CRA.
- Number of cybersecurity standardisation workshops/trainings/events organised, as well as the number of attendees per each of them.
- Number of active collaborations implemented with other relevant initiatives or European players.
- Number of open access guidance material produced aiming to support the implementation of standards developed for the CRA and to support conformity with the requirements of the CRA
- Number of open access educational/audio-visual material produced aiming to support the implementation of standards developed for the CRA and to support conformity with the requirements of the CRA.



## Standardisation in the Area of Cybersecurity (III)

Targeted stakeholders

This topic targets:

• Cybersecurity standardisation stakeholders (notably European standardisation bodies and conformity assessment bodies)

• Industrial players, including SMEs and start-ups

• and relevant actors that play a role in the European standardisation process and in the implementation of the Cyber Resilience Act and Cybersecurity Act.

Coordination and Support Actions — 100% funding rate, EUR 3M, 36mos, Indicative budget: up to EUR 3M per project

Multi-country consortia composition is not mandatory for this topic but will positively contribute to the impact of the action.



# Support for Implementation of EU Legislation on Cybersecurity and National Cybersecurity Strategies (I)

#### Objectives

- Proposals should contribute to achieving at least one of these objectives:
- Development of trust and confidence between Member States.
- Effective operational cooperation of organisations entrusted with EU or Member State's national level cybersecurity, in particular cooperation of CSIRTs (including in relation to the CSIRT Network) or cooperation of Operators of Essential Services including public authorities.
- Better security and notification processes and means for Operators of Essential Services and for digital service providers in the EU.
- Better reporting of cyber-attacks to law enforcement authorities in line with the Directive on attacks against information systems.
- Improved security of network and information systems in the EU.
- More alignment of Member States' implementations of NIS2 (Directive (EU) 2022/2555).
- Support cybersecurity certification in line with the Cybersecurity Act.



# Support for Implementation of EU Legislation on Cybersecurity and National Cybersecurity Strategies (II)

#### Scope

The action will focus on the support of at least one of the following priorities:

- Implementation, validation, piloting and deployment of technologies, tools and IT-based solutions, processes and methods for monitoring and handling cybersecurity incidents.
- Collaboration, communication, awareness-raising activities, knowledge exchange and training, including through the use of cybersecurity ranges, of public and private organisations working on the implementation of NIS2 (Directive (EU) 2022/2555).
- Twinning schemes involving originator and adopter organisations from at least 2 different Member States to facilitate the deployment and uptake of technologies, tools, processes and methods for effective cross-border collaboration preventing, detecting and countering Cybersecurity incidents.
- Robustness and resilience building measures in the cybersecurity area that strengthen suppliers' ability to work systematically with cybersecurity relevant information or supplying actionable data to CSIRTs.
- Ensure that manufacturers improve the security of products with digital elements since the design and development phase and throughout the whole life cycle.
- Ensure a coherent cybersecurity framework, facilitating compliance for hardware and software producers.
- Enhance the transparency of security properties of products with digital elements.
- Enable businesses across all sectors and consumers to use products with digital elements securely.
- Support to Cybersecurity certification, including support to national cyber authorities and other relevant stakeholders, such as SMEs.



# Support for Implementation of EU Legislation on Cybersecurity and National Cybersecurity Strategies (III)

#### Outcomes and deliverables

- Incident management solutions reducing the overall costs of cybersecurity for individual Member States and for the EU as a whole.
- Better compliance with NIS2 (Directive (EU) 2022/2555) and higher levels of situational awareness and crisis response in Member States.
- Organization of events, workshops, stakeholder consultations and white papers.
- Enhanced cooperation, preparedness and cybersecurity resilience in the EU.
- Support actions in the area of certification.

#### KPIs to measure outcomes and deliverables

- Number of technologies and IT-based solutions, processes and methods for handling cybersecurity incidents implemented,
- validated, piloted or deployed.
- Number of activities organised for collaboration, communication, awareness-raising or knowledge exchange and training (on the implementation of the NIS2 Directive).
- Number of twinning schemes implemented between at least two Member States for effective cross-border collaboration preventing, detecting and countering cybersecurity incidents.
- Number of tools and IT-based solutions, processes and methods for monitoring and handling exploited vulnerabilities in products with digital elements in the scope of the CRA.
- Number of products or services available that simplify and/or automate CRA compliance.
- Number of SMEs using open access or low-cost tools to support the implementation of the CRA for public authorities and economic operators.
- Number of tools to support market surveillance authorities and notifying authorities appointed under the CRA in the implementation of their respective mandates.
- Number of communication, awareness-raising events, knowledge exchange and training activities about the rules of the CRA.
- Number of activities organised to promote sharing of technical specifications, best practices and use-cases amongst actors that have obligations under the CRA.
- Uptake of CRA compliant products across sectors.



# Support for Implementation of EU Legislation on Cybersecurity and National Cybersecurity Strategies (IV)

#### Targeted stakeholders

This topic targets:

- Industrial stakeholders, including SMEs and start-ups in the scope of the upcoming CRA, concerned by the NIS2 Directive or that may benefit from the European cybersecurity certification schemes;
- Member State competent authorities, which play a central role in the implementation of the NIS2 Directive;
- Computer Security Incident Response Teams (CSIRTs), including sectorial CSIRTs;
- Security Operation Centres (SOC),
- Operators of Essential Services (OES);
- Digital service providers (DSP);
- Information Sharing and Analysis Centres- ISACs;
- •Actors that play a role in the implementation of the Cyber Resilience Act (including certification bodies), and any other actors within the scope of the legislations mentioned above.

#### Simple Grants — 50% funding rate, EUR 30M, 36mos, Indicative budget: EUR 1-5M per project

Multi-country consortia composition is not mandatory for this topic but will positively contribute to the impact of the action.

## DIGITAL EUROPE PROGRAMME

### Coordination Between the Cybersecurity Civilian and Defence Spheres (I)

#### Objective

• Enhance exchange and coordination between the cybersecurity civilian and defence spheres. This should in particular foster synergies between cybersecurity actions in Horizon Europe, Digital Europe and defence related actions carried out by the Union through its bodies and programmes, such as the European Defence Agency and the European Defence Fund.

#### Scope

 Organise activities that bring foster exchange with regards to cybersecurity technologies that have relevance in both civilian and defence context: meetings, workshops and collaborative activities between stakeholders of the civil and defence communities, addressing all stakeholders (academic, SMEs, industry, public authorities, etc.).



### Coordination Between the Cybersecurity Civilian and Defence Spheres (II)

#### Outcomes and deliverables

- Concrete activities such as discussions, meetings, white papers, workshops, which strengthen the links between the cybersecurity civilian and defence spheres.
- Synergies between these communities, such as common activities to exchange knowhow and information.

#### KPIs to measure outcomes and deliverables

- Number of cybersecurity workshops/trainings/events organised, as well as the number of participants per each of them; Number of stakeholders from both communities involved in organised activities
- Number of common activities involving both communities
- Number of Industrial stakeholders, including large enterprises, SMEs and start-ups participating in cybersecurity activities that are directly relevant for the defence and civilian sector.
- Number of active collaborations implemented with other relevant initiatives or European players.
- White papers produced aiming to support the implementation of better cooperation between the two communities.



### Coordination Between the Cybersecurity Civilian and Defence Spheres (III)

#### Targeted stakeholders

Stakeholders in either Cybersecurity Civilian and Defence Sphere, aiming at fostering links across communities.

Such as:

- Industrial players
- Defence Ministries and Agencies
- SMEs and start-ups
- and relevant actors that play a role in the European Cybersecurity Civilian and Defence Spheres.

Coordination and Support Actions — 100% funding rate, EUR 3M, duration up to 24 months, indicative budget: up to EUR 3M per project

Multi-country consortia composition is not mandatory for this topic but will positively contribute to the impact of the action.

## Call document - Support to proposers

- Details on admissibility and eligibility
- Information for applicants on financial and operational capacity
- Exclusion criteria
- Evaluation procedure
- Guarantees, obligatory milestones and deliverables, certificates and any many other description on legal conditions to participate in grants
- Financial support to third party schemes and conditions
- All the mandatory annexes needed for the call (e.g. ethic issues, security issues)
- Type of action description
- Other important legal and operational provisions
- Help for applicants and how to reach out to the commission

### Award criteria: 1. Relevance

- Alignment with the **objectives and activities**
- Contribution to long-term policy and strategic objectives
- Reinforcement of the Union's digital technology supply chain\*

\* applicable only for topics Standardisation in the Area of Cybersecurity and Support for Implementation of EU Legislation on Cybersecurity and National Cybersecurity Strategies



### Award criteria: 2. Implementation

### • Maturity of the proposed action

- Soundness and efficiency of the **implementation plan**
- Capacity of the applicants or consortium to carry out the proposed work



### Award criteria: 3. Impact



- Achievement of the **expected outcomes and deliverables**, as well as communication and dissemination
- Competitiveness strengthen and contribution to society



### Lessons learnt from previous DEP Calls

- Pay more attention to the Work Programme and call document text;
- Multiple layers of checks needed (many clerical errors in proposals);
- Contact your NCCs/NPCs for help and clarifications
- Common mistakes from proposers:
  - Inadequate level of understanding of the Call requirements
  - Tangible KPIs and metrics were missing from proposals
  - The work-plan (deliverables, milestones, critical risks) was insufficiently elaborated.

## Budget categories and cost eligibility

• A. Personnel costs

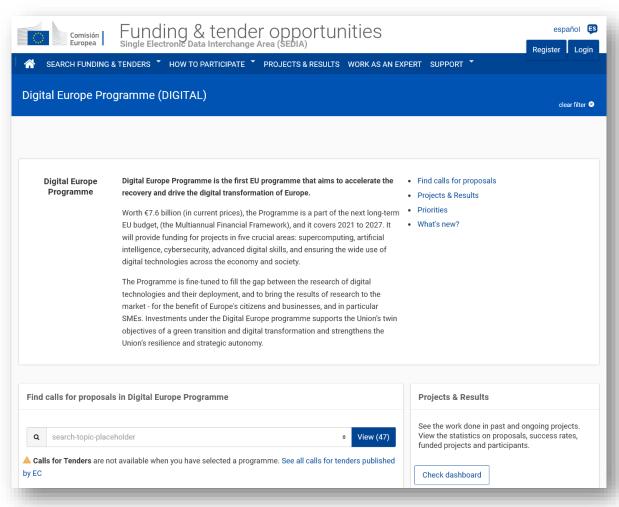
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- A.1 Employees, A.2 Natural persons under direct contract, A.3 Seconded persons and A.4 SME owners and natural person beneficiaries
- B. Subcontracting costs
- C. Purchase costs
  - C.1 Travel and subsistence
  - C.2 Equipment
  - C.3 Other goods, works and services
- D. Financial Support to Third Parties (if applicable to the Topic)

## Funding & tender portal

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#### https://ec.europa.eu/info/fundingtenders/opportunities/portal/screen/programmes/digital

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Asylum, Migration and Integration Fund (AMIF)	Border Management and Visa Instrument (BMVI)	Customs Control Equipment Instrument (CCEI)	Connecting Europe Facility (CEF)	Citizens, Equality, Rights and Values Programme (CERV)	Creative Europe (CREA)	23 Feb, 2022 Important Communication to Implementing Partners on Logframe encoding in OPSYS - 22/02/2022	1
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### Digital Europe Programme website

https://digital-strategy.ec.europa.eu/en/activities/digital-programme

### **Digital Europe Programme Regulation**

https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32021R0694&qid=1621344635377

## Funding & tender opportunities portal

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/digital





## **Horizon Europe**

## HORIZON-CL3-2023-CS-01



HORIZON-CL3-2023- CS-01	Budget	Opening	Closing	
<i>Secure Computing Continuum (IoT, Edge, Cloud, Dataspaces)</i>	28 M EUR			
<i>Privacy-preserving and identity technologies</i>	15.7 M EUR	29/06/2023	23/11/2023	
<i>Security of robust AI</i> <i>systems</i>	15 M EUR			

## DIGITAL EUROPE PROGRAMME

### Funding & tender portal

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Digital Europe Programme	Digital Europe Programme is the first EU programme that aims to accelerate the recovery and drive the digital transformation of Europe. Worth 67.6 billion (in current prices), the Programme is a part of the next long-term EU budget, (the Multiannual Financial Framework), and it covers 2021 to 2027. It will provide fundify dvanced digital skills, and ensuring the wide use of digital technologies across the economy and society. The Programme is fine-tuned to fill the gap between the research of digital technologies and their deployment, and to bring the results of research to the market - for the benefit of Europe's citizens and businesses, and in particular SMEs. Investments under the Digital Europe programme supports the Ulion's twin objectives of a green transition and digital transformation and strengthens the Union's resilience and strategic autonomy.	<ul> <li>Find calls for proposals</li> <li>Projects &amp; Results</li> <li>Priorities</li> <li>What's new?</li> </ul>
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Funding & tender opportunities español 💭 egister Login Find calls for proposals and tenders 🕼 Report fraud search Fund for Coal and Steel (RFCS) - Call for 2/02/2022 All news > vents Avoiding errors in decl Horizon 2020 grants costs in Horizon Europe Coord Preparation 126 Jan 2022 © 09:30 All events > seful link Calls How to participate in 5 steps 0 . 0 0 or offer (a) Open Res What are calls for proposals? What are calls for tenders? In a nutshell: Delivery of goods, services o Advance See all calls for tenders See all calls for proposals 🗲 © 2018 European Commission | About | Free text search | IT Helpdesk | Cookies | Legal Notice | APIs



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# Thank you

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