ECCC
EUROPEAN CYBERSECURITY COMPETENCE CENTRE

Digital Europe Programme Projects Supporting the Healthcare Action Plan and the Healthcare Ecosystem

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#DigitalEU
#ECCC

ECCC in a nutshell

- Regulation (EU)2021/887 of 20 May 2021 establishing
  - EU Cyber Competence Centre (ECCC), network of NCCs, Competence Community
- ECCC mission
  - strengthen EU leadership & strategic autonomy in cybersecurity
  - support Union technological capacities, capabilities and skills
  - increase the global competitiveness of the Union's cybersecurity industry
- Overall objective of promoting research, innovation and deployment in the area of cybersecurity
  - enhancing cybersecurity capacities, capabilities, knowledge & infrastructure
  - promoting cybersecurity resilience, the uptake of cybersecurity best practices
  - contributing to a strong European cybersecurity ecosystem

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Regulation (EU)2021/887 available at: http://data.europa.eu/eli/reg/2021/887/oj

EU Cyber Competence Centre and Network of NCCs

❑ European Cybersecurity Competence Centre

- ➢ Manages the funds foreseen for cybersecurity under Digital Europe and Horizon Europe 2021-2027
- ➢ Facilitates and helps coordinate the Network and Community to drive the cybersecurity technology agenda
- ➢ Supports joint investment by the EU, Member States and industry and support deployment of products and solutions

❑ Network of National Coordination Centres

- ➢ Nominated by Member States as the national contact point
- ➢ Objective: national capacity building and link with existing initiatives
- ➢ National Coordination Centres may receive funding
- ➢ National Coordination Centres may pass on financial support

❑ Competence Community

- ➢ A large, open, and diverse group of cybersecurity stakeholders from research and the private and public sectors

ECCC – the Financial Instruments (DEP/HE)

A STRONGER CYBERSECURE EUROPE

Working together for a stronger European cybersecurity ecosystem

Digital Europe Programme
Deployment and capacity building

Support to deployment, operational capacities and digital infrastructure

Horizon Europe
Research and innovation

Cutting-edge research and innovative technologies

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Bridging research and deployment for a more secure Europe

Network of National Coordination Centres

Capacity building projects
Skills, infrastructures, operational capacities

Collaborative R+D projects
Innovative solutions for tomorrow's challenges

HEP and DEP: strengthen Europe's cyber-resilience and strategic autonomy

HEP provides the *"what's next"*: new knowledge, concepts & prototypes
DEP delivers the *"what's now"*: operational rollout & impact at scale

Horizon Europe (HEP)

FOCUS: RESEARCH & INNOVATION

- Supports cutting-edge cybersecurity research
- Develops next-gen tools, technologies, and methodologies
- Funds long-term innovation projects

Digital Europe Programme (DEP)

FOCUS: DEPLOYMENT & CAPACITY BUILDING

- Scales up tested solutions from HEP into real-world use
- Funds cybersecurity infrastructure and training
- Supports digital skills development and cybersecurity operations
- Builds EU-wide cybersecurity capabilities (e.g., SOCs, cyber-hubs)

ECCC facilitates the use of results from research and innovation projects in actions related to the deployment of cybersecurity products, services and processes.

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ECCC: HEP and DEP projects (closed, on-going and under preparation)

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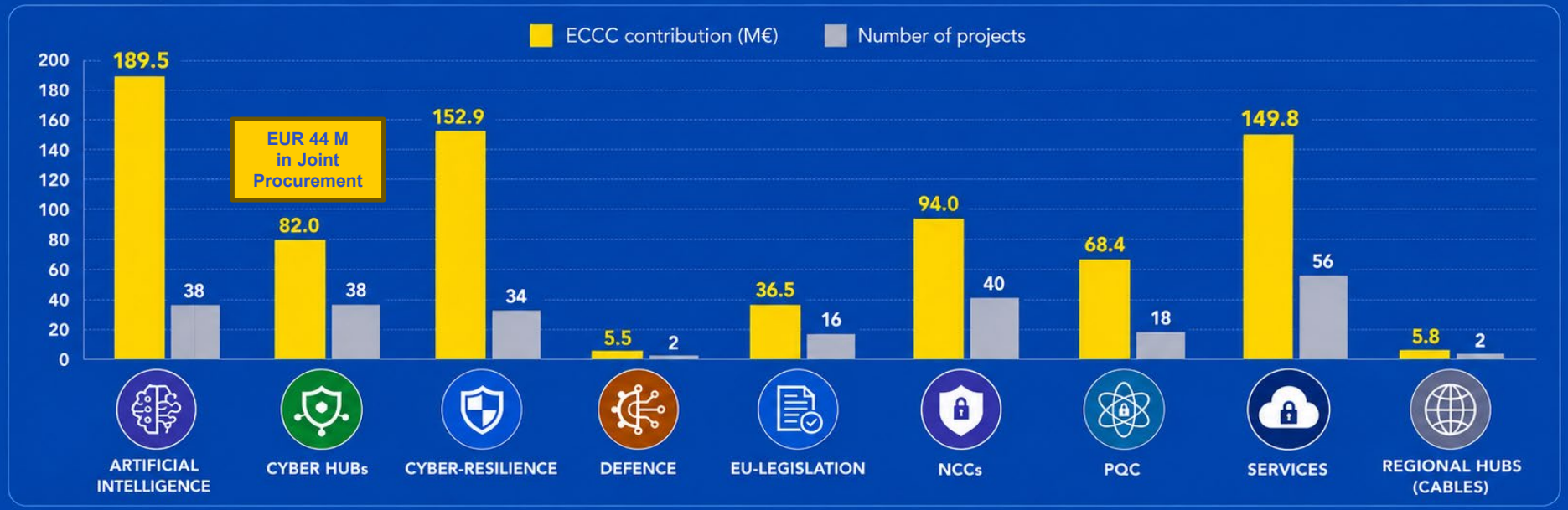
A strong pipeline of cybersecurity projects driving innovation and deployment across Europe.



244
TOTAL PROJECTS
across all thematic areas

€784.4 million
TOTAL ECCC CONTRIBUTION
(approx.)

9
KEY THEMATIC AREAS
driving Europe's cyber future

From research to real-world impact across the EU

AREAS AND TOPICS
WITH INDICATIVE ALLOCATIONS (in million EUR)

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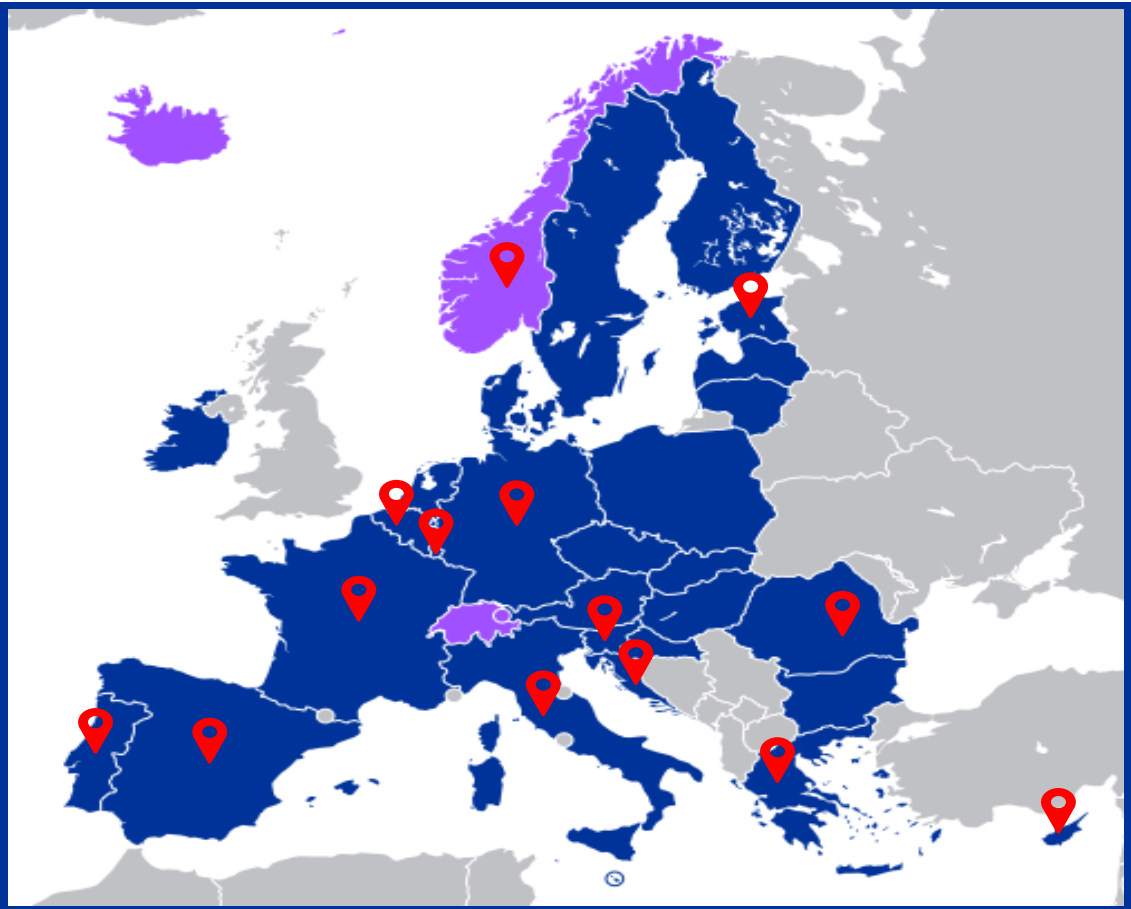
	AREAS AND TOPICS	2025	2026	2027	TOTAL
	NEW TECHNOLOGIES, AI & POST-QUANTUM TRANSITION				**139**
2.1	Cybersecure tools, technologies and services relying on AI	15	15	15	45
2.2	Strengthening cybersecurity capacities of European SMEs with cybersecure AI-powered solutions	-	20	-	20
2.3	Deployment of a European testing infrastructure for the transition to PQC in different usage domains	25	-	-	25
2.4	Transition to post-quantum Public Key Infrastructures	15	-	-	15
2.5	Migration of Cyber Hubs to PQC	-	-	4	4
2.6	Uptake of innovative cybersecurity solutions for SMEs	15	-	15	30
	CYBER SOLIDARITY ACT AND EU ACTION PLAN ON CABLE SECURITY IMPLEMENTATION				**97**
2.7	National Cyber Hubs	5	5	-	10
2.8	Cross-Border Cyber Hubs	5	5	10	20
2.9	Strengthening the Cyber Hubs ecosystem and enhancing information sharing	-	-	2	2
2.10	Coordinated preparedness testing and other preparedness actions	10	15	15	40
2.11	Mutual assistance	-	-	4	4
2.12	Regional Cable Hubs	10	5	6	21
	ADDITIONAL ACTIONS IMPROVING EU CYBER RESILIENCE				**110**
2.13	Enhancing the NCC Network	10	11	17	38
2.14	Strengthening EU cybersecurity capacities & capabilities in line with legislative requirements	-	20	12	32
2.15	Dedicated action to reinforce hospitals and healthcare providers	30	-	-	30
2.16	Dual-use technologies	-	10	-	10
	PROGRAMME SUPPORT ACTIONS	3	3	3	9
	TOTAL (IN MILLION EUR)	**143**	**109**	**103**	**355**

DEPLOY-CYBER-08-CYBERHEALTH – Projects

7 Dedicated Projects (24-36 Months)

- Fortify Healthcare Cybersecurity
- Focus on:
  - **Tool Development**
  - **Training** (staff)
  - **Compliance** (NIS2, GDPR, EHDS)
- Pilot Deployments in Hospitals/Healthcare premises in 14 EU Countries
- Combination of “Traditional” and AI-Enhanced Cybersecurity



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Projects & Healthcare Action Plan

All projects are aligned with the EU Action Plan and offer good coverage of the 4 Pillars

Pillar 1 – Prevent (Needs analyses, awareness-raising, procurement guidelines, supply chain risk management)

- Applying ENISA's good-practice guidelines and procurement recommendations.
- Staff training
- Coordinated risk assessments of medical device supply chains
- Reduction in vulnerability exposure
- Guidance to hospitals & SMEs toward NIS2 compliance.

Pillar 2 – Detect (Monitoring solutions and threat intelligence sharing)

- Reduction in MTTD via AI-enhanced SOC + EU-trusted threat intelligence.
- SOC integration to sectoral threat feeds (MISP platform).
- Application of ENISA's threat-landscape monitoring tools.
- Visibility into IT/OT assets

Pillar 3 – Respond & Recover (Incident response playbooks and continuity plans)

- Faster containment of ransomware/phishing; with automated rollback.
- CSIRT retainers & national cyber range exercises.
- Reduction in recovery time (detection + mitigation).
- Incident response + continuity planning aligned with ENISA.

Pillar 4 – Deter (Strengthen compliance, training, and deterrence mechanisms)

- Alignment with NIS2/GDPR; automation of compliance checklists.
- Training and compliance frameworks.
- Ransomware payment reporting under NIS2.
- Commit from healthcare providers to adopting methodologies post-project.

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Projects' Main KPIs, Milestones & Deliverables

KPIs (Cumulative)

KPI	M24	M36
Healthcare & Health Institutions Involved	≥600	≥850
Pilot Demo Installations	≥200	≥300
Dedicated Training Courses Healthcare Staff Trained	≥200 ≥10000	≥400 ≥14000
Tools, Services, Methods & Practices	≥300	≥500
Operational Plans, Playbooks & Case Studies	≥30	≥50

Healthcare Ecosystem:
The majority of the outcomes and activities will be open-source/publicly available, and ready to use.

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Setting Up a Cybersecurity Healthcare Cluster

Boosting the projects towards Europe's Cybersecurity Agenda.

EU Spotlight
Commission interest is clear through the EU Action Plan; project results will be visible.

Support to Deliver
Maximise value and turn results into shared outcomes.

Priority Focus Areas
Pilots, KPIs, training, tools and outcomes will be priority topics.

Connections
Provide the cluster with the connections to ECCC and ENISA.

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ECCC, ENISA & Cluster Cooperation

Defining Key Roles

How can the cluster contribute to the EU Action Plan?

The discussion is ongoing; roles and interaction formats will be defined as the cluster develops.

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Support & Coordination

Direct support cluster work and align project outputs with Action Plan priorities.

Cluster

Contribute & Benefit

Bring evidence from pilots, KPIs, training and tools — and use ENISA outputs to make delivery easier.

ENISA

Mutual Cooperation

ENISA will implement many Action Plan measures; interaction channels and roles are being shaped.

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The Cluster is Active — Public Launch comes Next

CLUSTER MILESTONE

15th SEP

KICK-OFF COMPLETE

The cluster is active, and the activities have started.

PUBLIC LAUNCH

COMING SOON

For confirmed dates, follow ECCC channels first.

Working together, ECCC, ENISA and the private sector can deliver tangible cybersecurity impact across the healthcare ecosystem in Europe.

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Stay connected — The cluster could provide the support you need.

Keep in touch

ECCC Newsletter

ECCC LinkedIn

ECCC Twitter/X

ECCC Website

info@eccc.europa.eu

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Thank you!

Europe digitally secured