

TRAINING, FACILITIES

# (PT) EU Cyber Academia and Innovation Hub (EU CAIH)

(established in November 2019)

For Public Release

## PROJECT DESCRIPTION

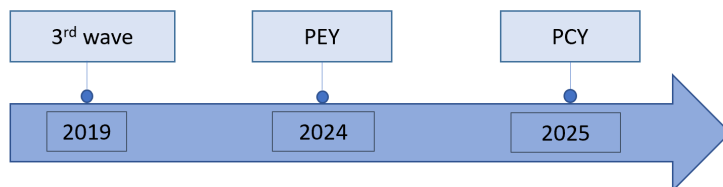
There is a strong education dimension in the Cyber defence domain. Effective cyber defence relies heavily on the skills of the people concerned. Nevertheless, the cyber skills gap for professionals working in the private sector in Europe is predicted to be 350,000 by 2022. The EU CAIH, within cyber, stimulates Education, Training, Research, Innovation, and Industry development in order to provide EU and Member States with the necessary competencies to address the needs of a new generation of professionals, as well as to support cyber capability development. It will establish a cooperative framework with Academia, Industry and other National and Multinational Projects, performing a central role at a “web of knowledge”, which provide opportunities to enhance Cyber Defence and Cyber Security Education and Training (E&T), to improve interoperability and capabilities.

## OBJECTIVES/PRODUCTS

To help ensure a secure cyberspace, we must develop a technologically skilled workforce, a cyber-savvy ecosystem, and an effective pipeline of future employees. EU CAIH can add value enhancing the creation of an innovative web of knowledge for Cyber Defence and Cyber Security E&T, providing a vital contribution to strengthening National, NATO and EU’s capability to defend against the threats of the digital world. Also acting as a coordination point for future Cyber Education, Training and Exercises (ET&E), exploring synergies with industry and academia, and establishing an International cooperative approach, namely at the EU and NATO levels. The EU CAIH core tasks will be: a. Education, Training and Exercises (ET&E); b. Research, Development, Innovation and Evaluation (RDI&E); c. Industry Development.

## INDICATORS

Project Execution Year (PEY) and Project Completion Year (PCY):



## DELIVERABLES ACHIEVED

- Cyber Curricula and E&T Initiatives - pilots.
- 20<sup>th</sup> of May 2021 MoU Signed with National Security Authority to develop a Framework for Cybersecurity Digital Competencies.
- 23<sup>rd</sup> of November 2021, MoU Signed with Competitive Intelligence and Information Warfare Association (CIIWA) to provide courses for a program of Young+ Digital Active Life in the area of cybersecurity.
- Military Academy International Semester organized with the European Security and Defence College (ESDC) (2<sup>o</sup> semester 2022):
  - Module of Social Engineering;
  - Module of Digital Leadership.



PT, ES, RO



BE, GR, FR, IE, IT, NL, PL, SI



IDEATION  
INCUBATION  
EXECUTION  
CLOSING



Contribution to the more binding commitments

Yes



Capability Perspective

EU CDP Priorities

Enabling capabilities for Cyber Responsive Operations; Cross-Domain Capabilities contributing to achieve EU’s LoA

CARD references

Cyber Education, Training and Exercises



Operational Viewpoint

HICG

Cyberspace



EDA support

No



- 21<sup>st</sup> of September until 8<sup>th</sup> October 2021, Course of Cybersecurity, Cyber Defence and scenarios development and exercises (CIWA, AM, RAM e RAA).
- 23<sup>rd</sup> September 2021, public session for training and exercises, "The Cyber Game" - a serious game.
- Course "Information Warfare and Hybrid Threats", 19<sup>th</sup> April 2022 – 25<sup>th</sup> May 2022.
- 1<sup>st</sup> Cyber PESCO Projects Conference, May 2022.
- International Symposium "Cyber and Disruptive Technologies: PESCO and EDF Projects Common Approach" (September 2022).

## CRITERIA FOR SUCCESS

- MoU Establishment.
- Facilities ready and with the resources to conduct EU CAIH lines of action.
- Execution of the Education, Training and Exercise curriculum and initiatives.
- Funding of Projects EU CAIH.
- Launching of the Accreditation Process, National/EU/NATO.