

CYCERONE - Closing the Cybersecurity Skills Gap in Europe



CYCERONE (CYbersecurity aCadEmy foR educatiOn and experieNcE) is an EU-funded initiative aimed at reshaping cybersecurity education and professional development across Europe, in response to the growing digitalization of society. Supported by the European Commission and developed in collaboration with leading universities and educational partners, the project focuses on addressing the cybersecurity skills gap that particularly affects SMEs and public administrations. By offering specialized, free training programs, CYCERONE seeks to empower organizations to build resilient, secure digital infrastructures and better protect themselves against an increasingly complex landscape of cyber threats.

Led by 28Digital (formerly EIT Digital), CYCERONE brings together a consortium of 15 organizations from 10 EU countries, including both top universities or research institutes and non-academic partners: 28 Digital and Digital Europe from Belgium; 28Digital Spain; KTH Royal Institute of Technology, Research Institutes of Sweden (RISE) and Linköping University (LiU) from Sweden; Aalto University Executive Education and Professional Development (Aalto EE) and Tampere University (TAU) from Finland; Riga Technical University (RTU) from Latvia; Babeş-Bolyai University (UBB) from Romania; Eötvös Loránd Tudományegyetem (ELTE) from Hungary; The National Technical University in Athens (NTUA), Greece; University of Trento (UNITN), Politecnico di Milano (PoliMi) and Talent Garden from Italy; and Universidade Lusófona (ULusofona), Portugal.



Officially launched in January 2025 and with a duration of 36 months, CYCERONE explores key cybersecurity areas to equip SMEs and public sector with the skills needed to navigate today's digital landscape. Its program covers Governance and Compliance (focusing on legal and regulatory frameworks - to help organizations manage risks and meet standards), Defensive Security (addressing detection, monitoring, threat hunting, and incident response - to strengthen organizational resilience), Offensive Security (including penetration testing, ethical hacking, and vulnerability assessment - to proactively identify and address weaknesses), and Foundational Cybersecurity (covering broad knowledge in network security, basic incident handling, and risk management – to allow handling various security challenges and progress towards more specialized roles).

CYCERONE is more than a platform; it represents a holistic approach to cybersecurity education, aiming to equip Europe with the skills needed to secure its digital future, as well as to foster a culture of innovation, continuous learning and ethical responsibility across Europe's cybersecurity sector.



Website cyclerone.eu



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