

# Cyber Security<sub>x</sub> Competence Development

## The CyberSecPro Approach

*Empowering SMEs: Cybersecurity Strategies for a Secure Digital Future*

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# CyberSecPro in a nutshell

- **Funded by:** Digital Europe Programme (Call: Advanced Digital Skills (DIGITAL-2021-SKILLS-01) )
- **Partners:** 14 Higher Education Institutions and 13 companies from 16 EU countries
- **Time:** From 01.12.2022 to 30.11.2025 (36 months)
- **Objectives:**
  - Provide **practical and hands-on state-of-the-art cybersecurity training** for professionals from SMEs and the industry
  - **Complement, support and advance** existing HEI programs on cybersecurity
  - Increase **societal impact** with courses taught in all participating HEI institutions
  - Deliver training modules addressing actual needs from SMEs and the industry (Health, Energy, Maritime) based on European standards
  - Propose a new **European Cybersecurity certification scheme** for practical cybersecurity training programs accompanied with ECTS points



# Skills gaps identified



## Cybersecurity Skills Gaps in Europe



Source: Authors - CyberSecPro-D2.1 Report: Cybersecurity Skills Gaps in Europea

Cybersecurity Essentials  
and Management

Digital  
Forensics

Cyber Ranges  
and Operations

Penetration  
Testing

Software  
Security

Critical Infrastructure  
Security

Human Factors  
and Cybersecurity

Cybersecurity Risk  
Management and Governance

Network  
Security

Data Protection  
and Privacy Technologies

Cyber  
Threat Intelligence

CSP  
Training  
Modules

Cybersecurity  
in Emerging Technologies

# Current Activities



## Courses compiled

- 75 courses prepared over 12 CSP modules
- Lectures, seminars and workshops
- Courses will be available in the Dynamic Curriculum Management (DCM) System



## Trainings started

- Several individual online modules on Human Factors, Threat Intelligence, etc.
- Hands-on training on tools (Wireshark, Nessus, etc.)
- CyberSecPro Summer School in Madeira



## Next Training Events

- [IPICS Summer School 2024](#)
- [Cybersecurity Essentials online Course](#)
- [CyberHOT Summer School](#)



# Thank you!



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