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SMEs Cyber Security Change Agents

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CyberAgent
the project we will work on

Fostering
Cooperation

Fostering cooperation between higher education institutions, vocational training institutions and small enterprises

Sharing
Best Practices

Sharing best cybersecurity practices and experiences

Facilitating
Employment

Enhancing employability, cyber resilience and an organisation's cybersecurity culture

Creating
CyberAgents

Empowering and upskilling participants to become Cybersecurity Change Agents

Empower
Women

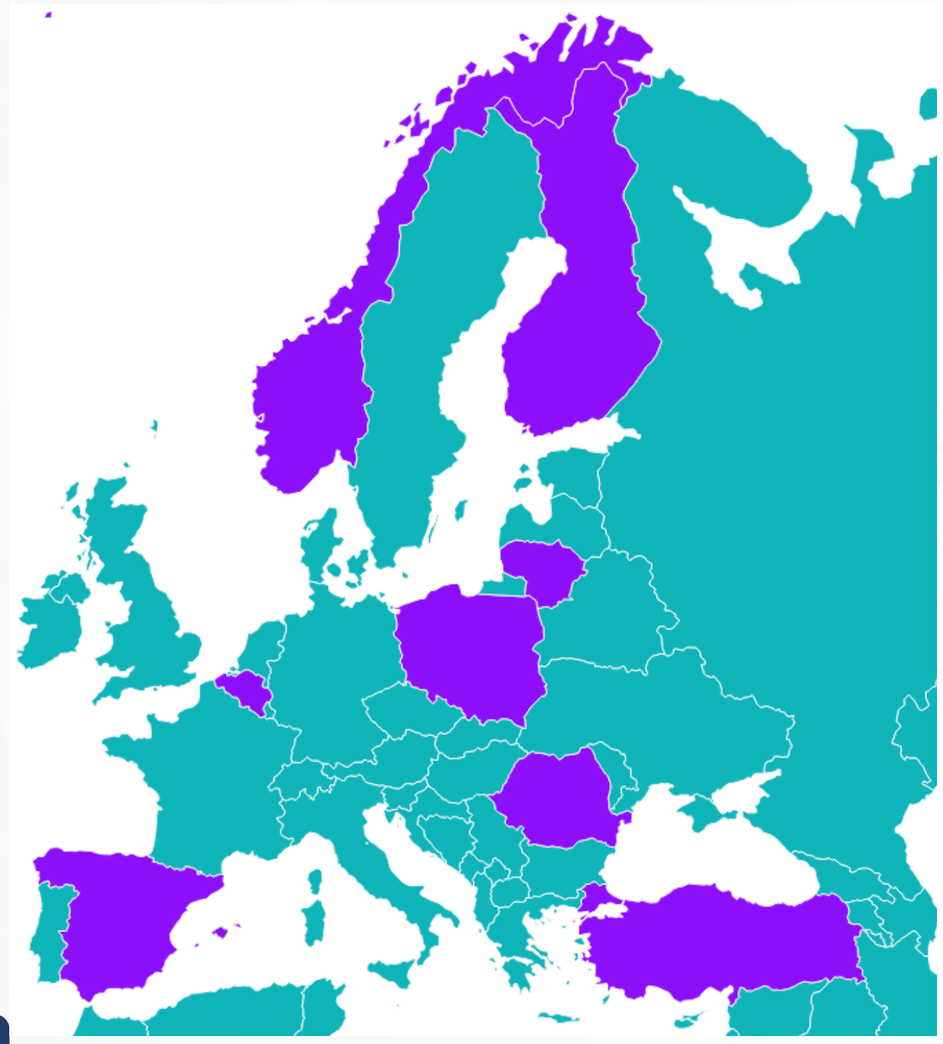
Involving more women in the IT sector

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Project partners



Coordinator

Vocational education and training institutions

Business organisations

EU-wide organisation

Non-governmental organisation

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WOMEN 4CYBER EUROPEAN CYBER SECURITY ORGANISATION

OLEMISEN BALANSSIA RY


CELEBRATING
YEAR ONE PROJECT MILESTONE
1
Empowering SMEs, Empowering Women: Creating Cybersecurity Change Agents

Shortage of

4 million

skilled cybersecurity workers



Women are less likely to choose IT studies

80% of IT students are male



IT students



Strategic Cybersecurity Talent Framework, World Economic Forum, 2024 April

Women in the digital sector, 2023, March

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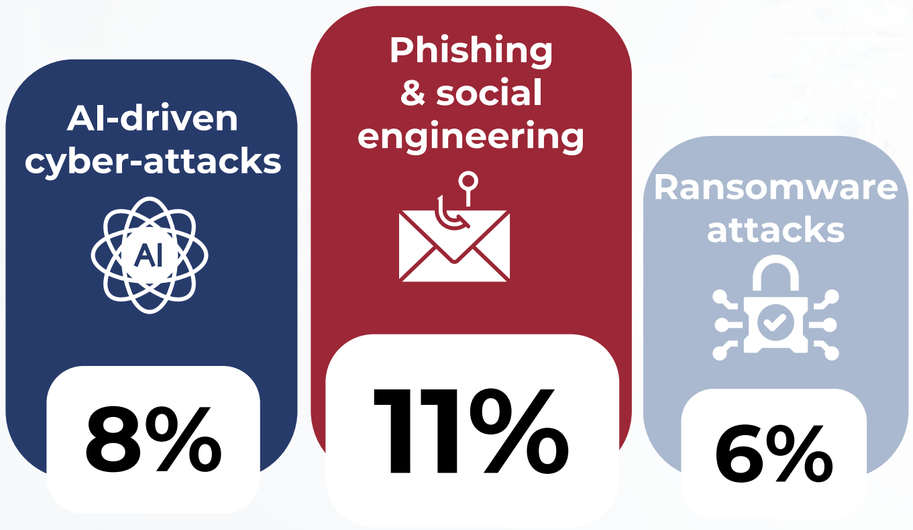
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CYBERSECURITY NEEDS FOR SMES

TOP3 identified gaps

1. LOW LEVEL OF THREAT AWARENESS
2. LOW LEVEL OF CYBERSECURITY REGULAR TRAININGS
3. LOW LEVEL OF VULNERABILITY ASSESSMENT

TOP3 cybersecurity threats



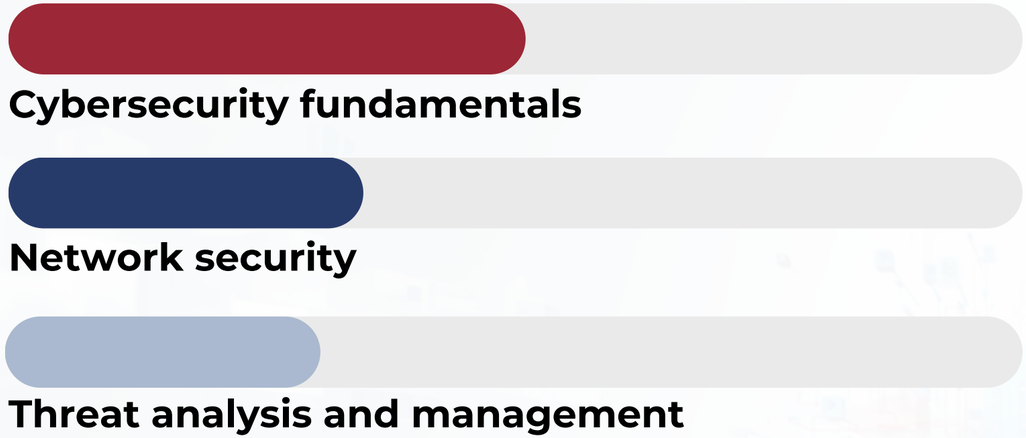
TOP3 competencies knowledge area needs



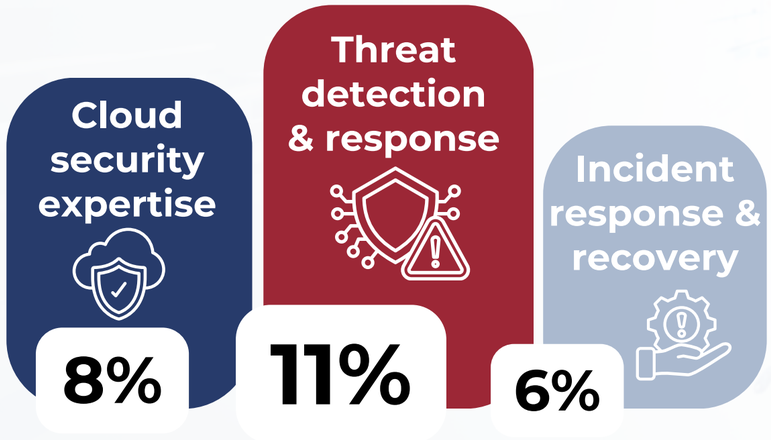
Source: Survey conducted among 175 SMEs from 8 European countries

CYBERSECURITY TRAININGS & TEACHING (HEI / VET)

TOP3 training methods



TOP3 identified skills deficit



TOP3 topics included in trainings

1 CASE STUDIES

2 GROUP PROJECTS

3 HANDS-ON LABS

Source: Survey conducted among 190 HEI and VET teachers from 8 European countries

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Gender Specific Insights:
Barriers to women's progress in cybersecurity



Source: Survey conducted among 190 HEI and VET teachers from 8 European countries

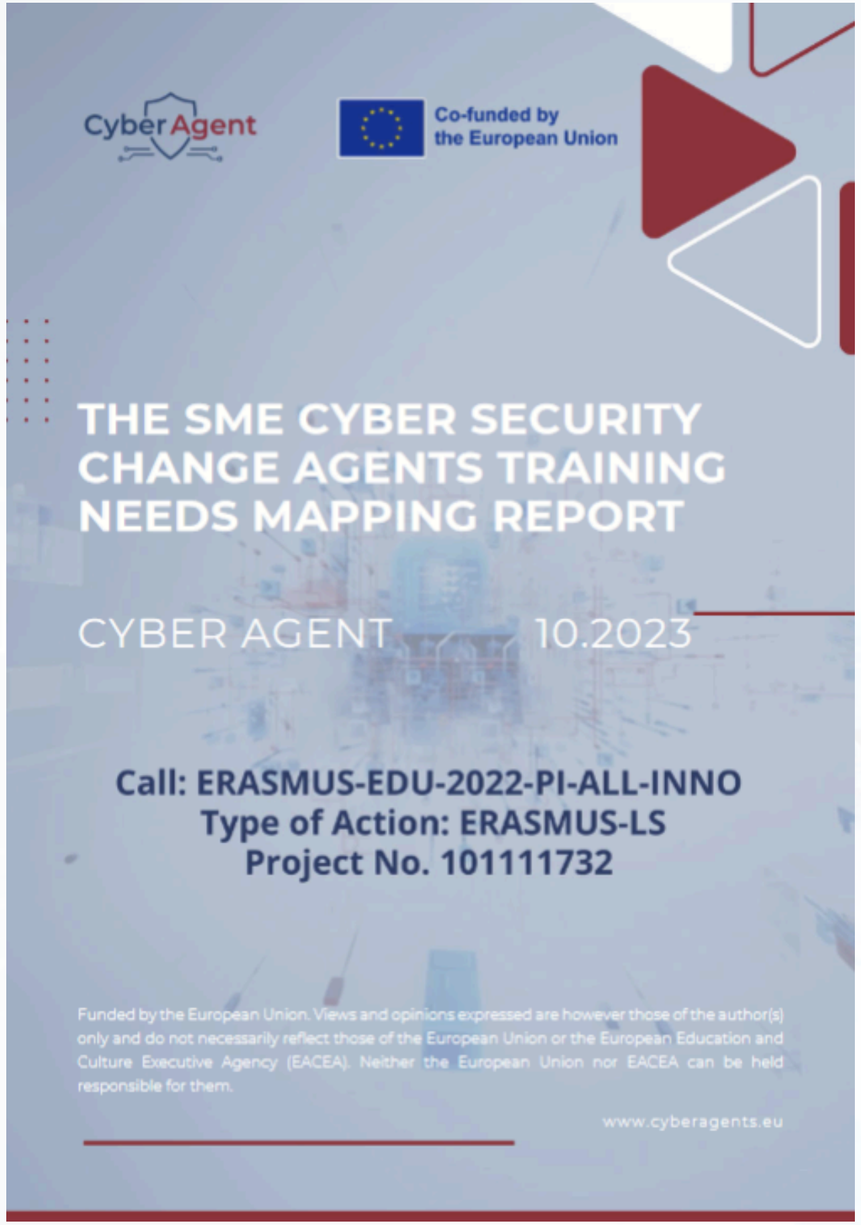
Gender Specific Insights:

Suggestions on how to improve gender-sensitive training



Source: Survey conducted among 190 HEI and VET teachers from 8 European countries

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EN, LT, PL, ES, NO, TR, FR, FI, RO

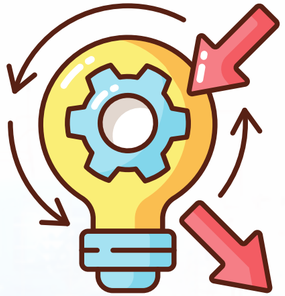
Training needs mapping report
www.cyberagents.eu/

Reccomended categories for trainings

Technical skills



Analytical skills



Organisational skills



Risk Management skills



OCTOBER

CyberSecurity Awareness Month

EU CodeWeek

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HackerU by ThriveDx

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WOMEN 4CYBER

Stay connected

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Knowing where the trap is –
that's the first step in evading it.
- Frank Herbert, Dune



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