

DICYTECH



DIGITAL TRAINING FOR CYBERSECURITY STUDENTS IN INDUSTRIAL FIELDS

www.dicystech.eu



Co-funded by the
Erasmus+ Programme
of the European Union


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EDUCATIONAL INNOVATION PROVIDED BY DICYTECH PROJECT



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The DICYTECH project aims to tackle this mismatch by providing a digital training course and linked cybersecurity virtual labs for high education students and the retraining of ICT technicians in LLL courses. Indeed, this Erasmus+ KA2 Strategic partnership project will develop an open access training modules and linked cybersecurity virtual laboratories for cybersecurity education that serve to meet Industry 4.0 needs and to provide innovative educational practice in the digital era, supporting the uptake of innovative digital technologies for teaching and learning in HVET.



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The project is **innovative** in its **integral, digital, open educational approach** to updating **educational curricula on cybersecurity** for ICT students to close detected skills gaps, supporting both educational and training providers and companies.



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DURING ITS LIFETIME (24 MONTHS IN TOTAL), THE PROJECT CONSORTIUM WILL BE INVOLVED IN THE DEVELOPMENT OF THE FOLLOWING 2 INTELLECTUAL OUTPUTS:

DICYTECH
Digital Training
Course for
students

DICYTECH
HUB of
Cybersecurity
Virtual Labs



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An innovative and ready to use **digital training package** for HE/HVET ICT staff with IT students at EQF 5+ in formal education and with adults in upskilling/reskilling training initiatives.

It will include **5 modules** in both technical and transversal competences, available via **an open attractive e-learning platform**.

Each Module will offer **learning challenges** and **digital tests** to support learning upon completion of the learning activities.



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Digital Training
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It will offer users remote access to three fully developed partner **cybersecurity virtual laboratories** in which learners can view and experiment with high end enabling IT technology and cybersecurity measures in simulated industrial contexts.

Users will be invited to register and use them remotely **for practice and the development of learning challenges provided in the training modules.**

It will be **highly innovative** in its collaborative focus and will use of modern digital pedagogy/technology to improve access to hands on cybersecurity equipment.

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HUB of
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TARGET GROUP



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The project and its activities are addressed directly to **HE/HVET ICT staff** and **students** as well as **Industrial stakeholders (SMEs)** and **workers (CVET/LL learners)**, but thanks to its aims **all educational, industrial and other sectoral stakeholders with an interest in the training and certification of cybersecurity technicians** will benefit from it.



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PARTNERS



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The Coordinator



The other partners

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DICYTECH



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