

Potential Erasmus+ calls

EU-CHECK Workshop

May 13th-14th, 2024

Athens, Greece

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**UNIVERSITY
OF IOANNINA**

Erasmus+

- Erasmus+ is a flagship European Union program that has been in operation for several decades.
- Its primary goals include enhancing education, training, youth, and sports in Europe.
- We'll explore its various components and the impact it has on skills and education.

Erasmus+ Contribution to Cybersecurity Education and Skills

- Holistic Approach: Fosters collaboration among institutions, industry, and policymakers.
- International Perspective: Enables cross-border exchanges for diverse cybersecurity exposure.
- Innovative Partnerships: Encourages collaborations to keep curricula relevant.
- Skill Enrichment: Supports projects emphasizing practical, hands-on experiences.
- Cultivating Talent: Nurtures the next generation of skilled cybersecurity experts.
- Policy Impact: Contributes insights to shape policies addressing dynamic cybersecurity challenges.
- Continual Improvement: Emphasizes continual adaptation to stay ahead in a rapidly evolving digital landscape.

EU projects on Cybersecurity

Completed Projects on Cybersecurity in Higher Education 2015-2020

Awareness

- Innovative postgraduate programme: Addressing market needs and pioneering new delivery modes
- Manufacturing Education for a Sustainable fourth Industrial Revolution
- Meeting Industrial Demand for Skills in Information Security Education.
- Cyber Aware Students for Public Administrations
- Cybersecurity Curricula Recommendations for Smart Grids
- promotINg Cyber-hygiene in eDucation through sEcuring distaNce lEarning
- Weeks of International Teaching - Inclusive and Digital
- Collaborative Cybersecurity Awareness Learning
- Cyber Aware Students for Public Administrations
- Digital Competences for Improving Security and Defence Education
- Cyber Security for Psychology

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EU projects on Cybersecurity

Completed Projects on Cybersecurity in Higher Education 2015-2020

Training

- An Innovative Higher Education Institution Training Toolbox to Effectively Address the European Industry 4.0 Skills Gap and Mismatches
- Cybersecurity fundamentals
- Competence Development in Collaborative Industrial Internet of Things
- Digital Competences for Improving Security and Defence Education
- ECQA Certified Cybersecurity Engineer and Manager – Automotive Sector
- Alliance for developing, teaching and training Digital Forensics and Incident Response students and practitioners
- Digital Training for Cybersecurity Students in Industrial Fields
- Safeguarding against Phishing in the age of 4 Industrial Revolution
- Innovation and Excellence in Cyber-security teaching in Higher Education
- Interdisciplinary training on EU security, resilience and sustainability
- Cyber Security – Training Students and Scholars for the Challenges of Information and Communication Technologies in Research and Studies for Internationalisation

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EU projects on Cybersecurity

Projects with Results on Cybersecurity in Higher Education 2015-2020

Awareness

- Cybersecurity Curricula Recommendations for Smart Grids
- Manufacturing Education for a Sustainable fourth Industrial Revolution
- promotINg Cyber-hygiene in eDucation through sEcuring distaNCe lEarning awareness
- Cybersecurity fundamentals
- Meeting Industrial Demand for Skills in Information Security Education
- Innovative postgraduate programme: Addressing market needs and pioneering new delivery modes awareness

Training

- An Innovative Higher Education Institution Training Toolbox to EffeCtively AddResS the EUropean IndUstry 4.0 Skills Gap and Mismatches
- ECQA Certified Cybersecurity Engineer and Manager – Automotive Sector
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- Safeguarding against Phishing in the age of 4 Industrial Reolution

EU projects on Cybersecurity

Ongoing Projects on Cybersecurity in Higher Education 2019-2022

- Cybersecurity in practice for non IT oriented HE courses
- Generation Blockchain
- DIGITAL TRAINING TOOLS IN STEEL STRUCTURE INTEGRITY
- Príprava budúcich IT profesionálov pre oblasť umelej inteligencie
- Rethinking Cybersecurity in Pakistan - Human factors' Essential Role
- Skill Training Alliance For the Future European Rail System
- European law Perspectives on Innovation Challenges
- Alliance for Strategic Skills addressing Emerging Technologies in Defence
- smartAIinnovators: PROMOTING AI-DRIVEN DIGITAL TRANSFORMATION AND INNOVATION IN VET SCHOOLS FOR SOCIAL CHANGE AND BETTER SKILLS MATCH WITH THE LABOUR MARKET
- Cybersecurity Skills Alliance - A New Vision for Europe
- Cyber Security Training on Operational Technology Resilience
- CI: Karriere-Intelligenz
- Micro-Entreprise-Cyber-Security
- Enhancing Cyber Security - Development of trainings using "Escape Room" Model
- Digital Diplomacy: Building the Common Future with Technology

Awareness

- CyberSecurity for VET and SMEs

Erasmus in Higher Education

Students

- Expose students to diverse perspectives, knowledge, teaching, and work practices in the European and international context.
- Develop students' transversal skills (e.g., communication, critical thinking, intercultural skills).
- Enhance forward-looking skills, including digital and green competencies.
- Facilitate personal development, adaptability, and self-confidence.

Staff

- Enable staff, including those from enterprises, to teach or train abroad.
- Share expertise, gain new pedagogical and digital skills.
- Foster collaboration, exchange best practices, and enhance cooperation.
- Better prepare students for the world of work.

Transactional Curricula

- Promote transdisciplinary curricula and innovative teaching methods.
- Encourage online collaboration, research-based learning, and challenge-based approaches.
- Aim to address societal challenges effectively.

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**VOCATIONAL
EDUCATION
AND TRAINING
(VET) -
ERASMUS-EDU
2024-POL-EXP-
VET**

Deadline 4 Jun 2024

European policy experimentation ERASMUS-EDU-2024-POL-EXP

Women in GreenTech

The Green Deal Industrial Plan targets:
increasing women's participation in clean technology by tackling skill gaps, mentorship issues, and cultural barriers through partnerships for vocational training programs

Support structures and networks for apprentices' mobility

VOCATIONAL
EDUCATION
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(VET) -
ERASMUS-EDU
2024-POL-EXP-
VET

Deadline 4 Jun 2024

ADULT EDUCATION - ERASMUS- EDU-2024-POL-EXP-ADULT

- **Goal:** Increase adult participation in training to reach 60% by 2030.
- **Approach:** Collaboration between companies, workers, governments, and others to address skill gaps and support the EU's industrial strategy.
- **Focus:** Support existing regional partnerships in implementing upskilling and reskilling programs.
- **Impact:** Strengthen regional cooperation, develop sustainable skill development for the workforce, and inspire other regions through successful projects.

VOCATIONAL EDUCATION AND TRAINING (VET) - ERASMUS-EDU 2024-POL-EXP- VET

Deadline 4 Jun 2024

MICRO-CREDENTIALS - ERASMUS- EDU-2024-POL-EXP-MICRO-CRED

Micro-
credentials eco-
systems

- **Small, focused learning:** Micro-credentials recognize learning gained from short learning experiences.
- **Upskilling and reskilling:** They offer a flexible way to gain in-demand skills for a changing job market.
- **Complementary to qualifications:** Micro-credentials are not replacements for traditional degrees or diplomas.
- **Standardized system:** The Council Recommendation aims to establish a common definition, description format, and principles for issuing and using micro-credentials.

Micro-
credentials for
the digital and
green transitions

VOCATIONAL EDUCATION AND TRAINING (VET) - ERASMUS-EDU 2024-POL-EXP- VET

Deadline 4 Jun 2024

MICRO-CREDENTIALS - ERASMUS- EDU-2024-POL-EXP-MICRO-CRED

-**Collaboration:** Governments, educators, and industry need to work together to make education, training, and job markets accept micro-credentials.

· **Support for Stakeholders:** This initiative helps stakeholders design frameworks, integrate micro-credentials with quality assurance, ensure portability and recognition, and tailor offerings to specific needs.

· **Focus on Improvement:** Beneficiaries are encouraged to use best practices, address existing issues, and align with other countries' approaches.

· **Key Activities:** Examining guidelines, exploring quality assurance and recognition changes, testing portability solutions, and using micro-credentials for skill development and job opportunities

Who can apply: Public authorities, course providers, social partners, and relevant stakeholders.

· **Grant purpose:** Design and implement micro-credentials for upskilling and reskilling in the digital and green transitions.

· **Project focus:**

Experimenting with flexible learning pathways.

Using diverse learning settings.

Designing relevant micro-credentials for the chosen transitions.

· **Outcomes:** Integration into national/regional systems and potential transferability to other systems.

VOCATIONAL EDUCATION AND TRAINING (VET) - ERASMUS-EDU 2024-POL-EXP- VET

Deadline 4 Jun 2024

HIGHER EDUCATION - ERASMUS- EDU-2024-POL-EXP-HIGHER-EDU

National/regional
support to
European
Universities
alliances

-**Importance:** The Council Recommendation emphasizes the value of stronger collaboration between universities across Europe.

· **Benefits:** Deeper cooperation promotes European values, strengthens resilience, and fosters sustainability.

· **Model:** European Universities initiatives are highlighted as successful models for collaboration.

· **Call to Action:** National and regional efforts are encouraged to create supportive environments for such partnerships.

· **Goals:** Projects aim to improve support structures and funding for European Universities and similar national/regional models.

· **Alignment:** Collaboration should be aligned with broader European policies and goals.

· **Outcomes:** Integration into national/regional systems and potential transferability to other systems.

VOCATIONAL
EDUCATION
AND TRAINING
(VET) -
ERASMUS-EDU
2024-POL-EXP-
VET

Deadline 4 Jun 2024

HIGHER EDUCATION - ERASMUS- EDU-2024-POL-EXP-HIGHER-EDU

National/regional
support to
European
Universities
alliances

Improved Support: Better legal frameworks, implementation guidance, and technical assistance for European Universities and similar collaborations across Europe.

· **Enhanced Funding:** Improved funding models and methods at national and regional levels to support European Universities and similar long-standing cooperation models.

VOCATIONAL EDUCATION AND TRAINING (VET) - ERASMUS-EDU 2024-POL-EXP- VET

Deadline 7th May

Centres of Vocational Excellence (ERASMUS-EDU-2024-PEX-COVE)

CoVEs operate locally, fostering innovation and inclusion, while collaborating internationally.

- **Lifelong Learning:** They provide initial training for youth and continuous learning for adults, adapting to job market needs.
- **Business Partnerships:** CoVEs drive local business development by partnering with companies on research and entrepreneurship.
- **Upward Convergence:** They aim to improve the overall quality of vocational training across Europe.
- **EU Collaboration:** CoVEs support the implementation of EU VET policies in collaboration with various stakeholders.
- **Holistic Approach:** They promote a learner-centered approach that integrates VET with regional development and key skills.
- **Sustainability & Impact:** CoVEs develop long-term plans, utilize EU tools, and ensure project visibility for continued funding.

Thank you for your attention!!!