

INNOVATION

LABOUR MARKET

INVESTMENT

Cyber Security Academy - cooperation with ESET company

2019– 2023



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Stakeholders involved in the project "Cyber Security Academy"

EMA

- Agency with mobility and training expertise in the ICT sector

TUM – Technical University of Moldova

- Leader of technical education in Moldova

ESET

- Global ICT company supporting young talents

Ministry of Foreign and European Affairs of the Slovak Republic

- SLOVAK AID and US DCP provided funding for the implementation of the project

Baseline analysis in Moldova

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- 11% GDP
- attractiveness
- small country, market is not diverse
- ICT/digital skills applicable across sectors (environment, health, financial sector, industry)

Supporting the market environment

The gap

- government priority
- EU priority
- strong growth potential

Project objectives

- Respond to labour market needs in Moldova.
- Strengthen IT education in cyber security (addresses quality of education).
- Motivate young people, especially women, to work in ICT.

Key problems/needs addressed by the project

Findings - overview of needs

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- ICT as a priority market development sector for the government of Moldova
- Shortage of skilled labour in the ICT sector
- Under-representation of women in the ICT sector
- Insufficient quality of education in IT and STEM fields

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Private sector's motivations for cooperation on development aid projects

- Identifying, developing and managing talent.
- Supporting the development of a new curriculum to strengthen students' employment potential.
- Opportunity to participate in research and innovation at universities.
- Strengthening the company's social responsibility and brand.

Investment in education infrastructure

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IT classroom for Cyber Security Academy at TUM



Experience of Academy graduates

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Sorin:

„The internship at ESET was great, I gained knowledge from experts in the field of cyber security. We had the opportunity to collaborate and work in a team and learn how a professional team works in an IT company.“

Sevastian:

„(...) The mentors from ESET, who were involved in the teaching process, were true professionals. I could ask them any questions I had, and I knew I would get an answer. “



Academy in numbers

EMA projects 2019-2023 in Moldova

- Number of Academy graduates : **91**
- Number of internships at ESET : **20**
- Number of job offers from ESET: **10**

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Lessons Learnt, Approaches and Benefits

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- Co-operation with a prestigious company increases the attractiveness and quality of the study programme - Practical experience in line with current market needs directly at the university
- Attracting further investment in education through private sector involvement.
- Innovate curricula in line with private sector and market needs.
- Soft skills and English language courses must be an integral part of vocational training.
- Early identification and development of talent increases the efficiency of resources spent.



THANK YOU FOR YOUR ATTENTION!

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