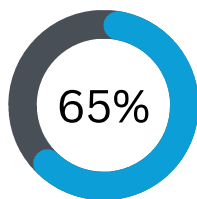


Abstract

Current jobs will change in the future and more technical skills will be needed in order to create new innovations. The field of cybersecurity is a priority of EU, but a lot of information technology companies cannot fill in their vacancies due to underqualified experts. This is why it is important that women are encouraged to enter the field of information technology and cybersecurity and that this field is already presented in early-on education to get more girls interested in information technology.

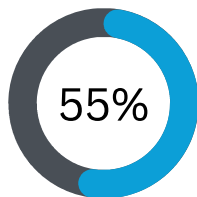
ICT field



65 % of jobs today's children will do, do not exist yet and many will be in STEM [1]



19 % of ICT specialists in the EU are women [2]



55 % of enterprises employing ICT professionals, experienced difficulties in filling their vacancies [3]



Girls lose interest in STEM between the age of 11 and 15 [4]

Cybersecurity

One of the growing fields of computer science is cybersecurity and one of the EU's priorities.

Digital immune systems and AI Trust, Risk and Security Management (AI TRiSM) are among the top strategic technology trends for 2023. [5]



More workforce is needed.



Possible actions:

- women role-models
- awards for women / groups in cybersecurity
- trainings for youth
- healthy and supportive work environment
- raising awareness
- support measures

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