

ICT Security in VET (ITSVET)

Programme Priority: P4 Skilled and socially inclusive region

Programme Specific Objective: 4.2. More aligned vocational education and training (VET) programmes in the Central Baltic region

Sub-programme: Central Baltic

Duration: 01.12.2015 - 31.03.2019

Total funding: 1.160.123 EUR

ERDF funding: 966.049 EUR ERDF

Project Summary:

The project ITSVET aims at developing a model for providing ICT security skills on the vocational education level. Reports show that demand for ICT security professionals has grown faster over the past five years than demand for other ICT jobs. Thus, the objective of the project is to meet the needs of the region's employers through developing a VET model for the ICT security specialists to reduce the skill gap of the labour market in the Central Baltic region. The consortium brings together ICT employers, vocational education institutions and vocational education regulatory bodies.

In practice the project performs a research to identify the needed competences for ICT security specialists in the Central Baltic labour market. Based on the results the project develops a new curriculum for vocational education schools in Estonia, Latvia and Finland. To make this a ready-to-go model, learning materials and a teacher's guide will be developed and the future teachers of this curriculum will be trained. All three participating vocational schools will run a pilot of the developed curriculum in their school.

Developing a joint curriculum will lead to further integration of the Central Baltic region labour market due to enhanced mobility of students and employees as well as raised awareness about the developed curriculum.

Map of Partners



Partners

Lead Partner

Tehnikahariduse Edendamise Sihtasutus

Country: EE

www.tehnikaharidus.ee

Partner budget: 116.822 EUR

Amount of ERDF funding: 99.298 EUR ERDF

Project Partners

BCS Koolitus AS

Country: EE

<http://www.bcskoolitus.ee>

Partner budget: 195.596 EUR

Amount of ERDF funding: 166.256 EUR ERDF

Tallinna Polütehnikum

Country: EE

<http://www.tpt.edu.ee>

Partner budget: 184.436 EUR

Amount of ERDF funding: 156.770 EUR ERDF

Rīgas Tehniskā koledža

Country: LV

<http://www.rtk.lv/>

Partner budget: 184.171 EUR

Amount of ERDF funding: 156.545 EUR ERDF

Helsinki Business College

Country: FI

Partner budget: 200.547 EUR

Amount of ERDF funding: 150.410 EUR ERDF

Latvijas Informācijas un komunikācijas tehnoloģijas asociācija - LIKTA

Country: LV

www.likta.lv

Partner budget: 124.033 EUR

Amount of ERDF funding: 105.428 EUR ERDF

SA Innove

Country: EE

www.innove.ee

Partner budget: 154.519 EUR

Amount of ERDF funding: 131.341 EUR ERDF

Associated Partners

Sihtasutus Kutsekoda

Country: EE

Eesti Infotehnoloogia ja Telekommunikatsiooni Liit

Country: EE

Results

Expected results

Result 1 - Competence Standard Gathering and interpreting evidence of ICT Security skills needs on the labour market will result in a occupational qualification standard project (OQSP) which is the official input for developing a new VET curricula. Result 2 - Curricula in four languages Based on the OQSP the ICT Security curricula will be developed. The result will be a EQF level 5 continuing VET curricula that has the prerequisite for a EQF level 4 course. The capacity of the curricula will be set according to the OQSP but it is estimated to be around 30-60 credits (0,5 - 1 year). The specific content and the length will depend on the input got from the labour market. The curricula will be developed in english and localized for Estonia, Latvia and Finland. Result 3 – Learning resources Current projects aim is to have a ready-to-go course. In order to reach this the curricula specific learning resources need to be prepared. The existing materials will be gathered and missing pieces will be developed. The final result will be in estonian, latvian and finnish. Result 4 – Skilled and competent VET institution teachers In order to have a running VET course we need to have competent teachers. Firstly a teacher training syllabus will be developed according to the new curricula and the then the training will be conducted. The training will consist of in-class training, independent learning and practice in relevant ICT companies. Result 5 - Teaching plan Teachers will develop the curriculums teaching plan as a group work during the training. The plan will include the teaching methods, relevant resources and methodologies. Result 5 – Piloted and evaluated curriculum The selected parts of the developed curricula will be piloted in all three vocational schools. Based on the feedback the needed changes will be made to the curriculum and learning materials.

Achieved results

Project Visibility

Social media links

[Webpage](#)

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