

Intelligent Transport and Traffic Management study module (INTELTRANS)

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: 01.04.2020 - 31.12.2022

Total funding: 505.939 EUR

ERDF funding: 408.906 EUR ERDF

Project Summary:

To improve mobility in the whole Central Baltic area, its transport system needs to increase traffic safety, efficiency, mobility and customer satisfaction across national borders, whilst reducing the environmental impact. To achieve this goal, Inteltrans project is working on modernizing higher education (VET) curricula for transport and traffic management professionals by addressing emerging development needs and by creating a joint Intelligent Transport and Traffic Management study module (15 ECTS) that will be piloted among international students.

The project results will be achieved by combining traditional and e-learning methods as well as by using a simulation environment. A significant emphasis will be put on the integration of IT and telecommunications technologies into the transport and traffic safety management programmes.

As a result, the project will create a study module thanks to which a greater number of employees will possess the skills and competences needed in the current international labour market. The methodology and materials developed by the project will be applicable and replicable outside the current partnership as well.

Map of Partners

Partners

Lead Partner

Tallinna Tehnikakõrgkool

Country: EE

www.ttk.ee [1]

Partner budget: 208.836 EUR

Amount of ERDF funding: 177.511 EUR ERDF

Project Partners

Hämeen ammattikorkeakoulu HAMK

Country: FI

www.hamk.fi [2]

Partner budget: 211.417 EUR

Amount of ERDF funding: 158.563 EUR ERDF

Transporta un sakaru instituts

Country: LV

www.tsi.lv [3]

Partner budget: 85.686 EUR

Amount of ERDF funding: 72.833 EUR ERDF

Results

Expected results

Achieved results

Project result in category - Aligned vocational education and training programme

Intelligent Transport and Traffic Management study module was developed

Project partners developed jointly a harmonized and modernized Intelligent Transport and Traffic Management study module (15 ECTS) and teaching methodology focused on transport and traffic safety management. The study module was developed by experts from three participating countries Estonia, Finland and Latvia. Different traffic and study conditions in countries were discussed and integrated into the study module. Joint study module was piloted with multinational groups of students.

Integrating the harmonized and modernized Intelligent Transport and Traffic Management study module to partner schools' curriculum is expected to stimulate more cross border workflow as the education the students receive is common in all three countries. This also helps to increase traffic safety, efficiency, mobility and customer satisfaction across national borders, while reducing environmental impact.

In addition to the study module, relevant teaching and study materials, structured e-learning materials, teaching

methodology for using simulation tools and common virtual study and teaching environment usage plan were developed.

Project page in database

[Intelligent Transport and Traffic Management study module](#) [4]

At a glance

- A harmonized and modernized study module and teaching methodology focused on transport and traffic safety management was developed.
- Integrating the study module to partner schools' curriculum is expected to stimulate more cross border workflow in participating countries Estonia, Finland & Latvia.
- Relevant teaching and study materials etc. were also developed.

Tags

[Transport and mobility](#) [6]

[education and training](#) [7]

Project Visibility

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[1] <http://www.ttkk.ee> [2] <http://www.hamk.fi> [3] <http://www.tsi.lv> [4] <https://database.centralbaltic.eu/project/119> [5] <https://moodle.ttkk.ee/course/search.php?search=inteltrans> [6] <https://database.centralbaltic.eu/tags/transport-and-mobility> [7] <https://database.centralbaltic.eu/tags/education-and-training>