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CONFERENCE

BENEFITS OF DEVELOPING INNOVATIVE TRAINING METHODS IN POST-SECONDARY EDUCATION

Project "Development of hybrid education in vocational education" ⁽¹⁾ final conference
(project no. 2020-1-LT01-KA226-VET-094670)

Date: 2023 February 10

Location: Radisson Blu Hotel Lietuva (conference hall - Zeta), Konstitucijos ave. 20, Vilnius

Moderator: Marius Ablašinskas, *expert in the analysis and innovation development group at Vilnius Vocational College of Technology and Engineering (TECHIN)*

Conference participant registration form: <https://forms.gle/YcaZyFBCo2iEnaci6>

AGENDA	
Time	Topic
09:30 – 10:00	Morning coffee, registration
10:00 – 10:30	Welcome speech / opening of the Conference "The place of VET in the education system: must tomorrow be different?" Dr. Agnė Kudarauskienė, <i>Deputy Minister of Education, Science and Sports of the Republic of Lithuania</i>
10:30 – 11:00	"Hybrid training method and its application possibilities" Aida Mankutė, <i>project manager of the Crisis Research Center (KTC)</i>
11:00 – 11:15	"Education is not only a popular topic of discussion: change strategy and the future" Dr. Jolanta Urbanovič, <i>Advisor to the President of the Republic of Lithuania; Education, Science and Culture Group</i>
11:15 – 11:30	The purpose, results and benefits of the project "Development of hybrid education in VET" Mindaugas Černius, <i>Director of Vilnius Vocational College of Technology and Engineering (TECHIN)</i>
11:30 – 11:45	Coffee break
11:45 – 12:45	The experience of the project partners in implementing the project and the perspectives of the application of hybrid training in their countries <ul style="list-style-type: none"> - Panevėžys Training Center (Lithuania) - Smiltenes for technicians (Latvia) - JÄRVAMAA KUTSEHARIDUSKESKUS (Estonia) - INERCIA DIGITAL SL (Spain) - Aidlearn, Consultoria em Recursos Humanos Lda. (Portugal) Awarding of certificates to hybrid training specialists prepared in the project Mindaugas Černius, <i>Director of Vilnius Vocational College of Technology and Engineering (TECHIN)</i> Daiva Jackūnienė, <i>project manager of the Crisis Research Center (KTC)</i>
12:45 – 13:15	"The need for innovative training methods today in preparing tomorrow's specialists: proven practices of cooperation between business and educational institutions" Gintaras Vilda, <i>Director of the Manufacturing Innovation Valley</i> www.manuvalley.tech/en



13:15 – 14:00	Lunch
14:00 – 15:30	<p>Panel discussion "Benefits of developing innovative training methods in post-secondary education"</p> <p>Participants:</p> <ul style="list-style-type: none"> - Julius Jakučinskas, Director of the Lifelong Learning Department of the Ministry of Education, Science and Sports of the Republic of Lithuania - Jurgita Bražinskienė, Director of the Vilnius Region Customer Service Department of the Lithuanian Employment Service - Linus Kadys, head of the human resources development department of the Economic Development Department of the Ministry of Economy and Innovation of the Republic of Lithuania - Nerijus Varnas, President of the Conference of Directors of Lithuanian Colleges, Director of Kaunas Technical College - Vytautas Zubras, President of the Association of Lithuanian Vocational Training Institutions, Director of the Alytus Vocational Training Center - Gintaras Vilda, Director of the Manufacturing Innovation Valley <p>Moderator: Mindaugas Černius, Director of Vilnius Vocational College of Technology and Engineering (TECHIN)</p>
15:30 – 15:45	Kavos pertrauka
15:45 – 17:00	<p>Speeches. New ideas. Offers. Discussions.</p> <p>Moderator: Marius Ablačinskas, expert in the analysis and innovation development group at Vilnius Vocational College of Technology and Engineering (TECHIN)</p>

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Name of the Project:	Development of hybrid training in VET
Start of the Project	1st March, 2021
Duration	24 months
End of the Project	28th February, 2023
Project partners	<p>Vilniaus Jeruzalės darbo rinkos mokymo centras (Lithuania)</p> <p>Krizių tyrimo centras (Lithuania)</p> <p>Panevėžio darbo rinkos mokymo centras (Lithuania)</p> <p>Smiltēnes tehnikums (Latvia)</p> <p>JÄRVAMAA KUTSEHARIDUSKESKUS (Estonia)</p> <p>INERCIA DIGITAL SL (Spain)</p> <p>Aidlearn, Consultoria em Recursos Humanos Lda. (Portugal)</p>
The Aim of the Project	To introduce and develop hybrid-simulation training, which is proven and widely used in higher education (especially in medical studies), in VET.
What is hybrid training?	https://www.youtube.com/watch?v=DCIbWNNFVxE&feature=emb_title
How does hybrid training work?	https://www.youtube.com/watch?v=0aJ336QMApE&feature=emb_title



<p>IO1 - CONDUCTING RESEARCH ON THE NEED FOR FUTURE COMPETENCES AND SKILLS IN VOCATIONAL TRAINING.</p> <p>Start: March 2021</p>	<p>Result No. 1.O1.1 - 5 CASE (LT, LV, EE, ES, PT) STUDIES in English language. (Period: 1st March, 2021 – 31st June, 2021)</p> <p><i>The case study in each country were conducted in order to clarify the specificities, context and perspectives of VET in that country. At the same time, the readiness and potential of the VET school to undertake the development of a specific VET new program or module or the adaptation of an existing program through hybrid simulation training was analyzed. These case studies from all countries formed the basis for an agreement between the project partners on the next phase of the project and for the assignment of specific responsibilities to each partner.</i></p> <p>Result No. 2.O1.2 - 5 ROUND TABLE DISCUSSIONS with stakeholders (minutes in EN language) ORGANIZED. (Period: 1st March, 2021 – 31st June, 2021)</p> <p><i>In each country, the discussion was organized as part of the preparation of the case study in that country. Discussion was needed for decision-makers, researchers and employers to discuss the VET perspectives, labor market trends and business needs of a country. The information gathered in such a discussion reinforced the assumptions and arguments of the case study conducted, and at the same time served as a dissemination tool to inform national stakeholders about the project being implemented.</i></p> <p>Result No. 3.O1.3 - 1 SYSTEMATIC STUDY REPORT in EN language PREPARED. (Period: 1st July, 2021 – 31st August, 2021)</p> <p><i>A summary report of all the case studies served as a basis for the implementation of the next steps of the project.</i></p>
<p>IO2 – DEVELOPMENT OF THE METHODOLOGY AND PROGRAM FOR TEACHER TRAINING TO DIGITIZE VET CONTENT AND LEAD TO THE HYBRID TRAINING PROCESS</p> <p>Start – September 2021</p>	<p>Result No. 4.O2.1 - 1 SET OF HYBRID TRAINING TRAINER TRAINING INTERACTIVE RESOURCE in EN language PREPARED (Period: 1st September, 2021 – 31st January, 2022)</p> <p><i>To achieve this result, it was important to develop a training methodology and interactive materials for VET trainers that would provide future trainers with the ability to not only design hybrid-simulation training content for any profession, but also to manage the hybrid-simulation training process. This material was needed to be easy to understand and quickly learn to the level of the proficient user, even without exceptional computer literacy or ability to work with IT systems. This parameter was particularly important in the understanding that the majority of VET teachers are older or long-term practitioners who were concerned with specific technical but not IT skills.</i></p> <p>Result No. 5.O2.2 – 24 TRAINERS (LT - 8, LV - 4, EE - 4, ES - 4, PT - 4) TRAINED through pilot training, certificates issued. (Period: 1st November, 2021 – 31st, November, 2021)</p> <p><i>Vocational teachers selected for this phase had to specialize in the areas of education selected during the implemetation of IO1. More specifically, each partner directed those vocational teachers who matched exactly the education or VET program assigned to that partner, as these teachers developed and subsequently piloted a specific program using a hybrid-simulation training approach</i></p>

<p>IO3 – TEST DIGITIZATION OF SEVERAL VET PROGRAMS OR THEIR MODULES</p> <p>Start – February 2022</p>	<p>Result No. 7.O3.1 - No less than 5 SETS OF HYBRID TRAINING PROGRAMMES / MODULES (including training material, assessment tests and Online improvements) DEVELOPED in EN language. (Period: 1st February, 2022 – 31st January, 2023)</p> <p><i>Representatives from each country were leaders in designing a hybrid-simulation training program or modules unique to a particular area of education, while also contributed to the design of programs assigned to other countries. Programs in different educational fields covered not only technical / engineering but also service education to make it clear that the hybrid-simulation training approach is appropriate and effective in the widest possible range of VET programs.</i></p> <p>Result No. 8.O3.2 – No less than 360 PUPIL (LT - 120, LV - 60, EE - 60, ES - 60, PT - 60) TRAINED through pilot training. (Period: 1st July, 2022 – 31st December, 2022)</p> <p><i>It was important for each country to try out a program of its own, providing it through hybrid simulation training. This was also the final stage of the full qualification and recognition of VET teachers who had started their preparation during the implementation of IO2.</i></p> <p><i>Certificates of HYBRID TRAINING PROFESSIONALS will be issued after summarizing the results of their theoretical and practical training, the quality of the programs developed by them and the way they work with students.</i></p>
<p>TRANSNATIONAL PROJECT MEETINGS</p>	<p>March 2021 (VJDRMC, Lithuania) June 2021 (Inertia Digital, Spain) August 2021 (KTC, Lithuania) January 2022 (JÄRVAMAA KUTSEHARIDUSKESKUS, Estonia)</p>
<p>TRAINING OF (future) HYBRID SIMULATION TRAINING SPECIALISTS</p>	<p>Date: November 2021 Location: KTC (Kaunas, Lithuania) Duration: 5 days Total 24 persons: TECHIN - 4 persons, PPMC - 4 persons, ST - 4 persons, JAK - 4 persons, Inercia Digital - 4 persons, Aidlearn - 4 persons.</p> <p>The five-day program will cover the following topics:</p> <p>Day 1 - Acquaintance with the hybrid-simulation training laboratory operating in the premises managed by KTC (design solutions, student flow and control solutions, equipment and its parameters, technical solutions for classroom installation, etc.), acquaintance with training of health specialists (students of Lietuva University of Health Sciences) and features of simulation training process management. Duration of training - 8 academic hours.</p> <p>Day 2 - Getting acquainted with the methodology and specifics of hybrid-simulation training, identifying its main differences and advantages compared to a typical training process. Duration of training - 8 academic hours.</p> <p>Day 3 - Introduction to the technique of developing VET content in hybrid-simulation training or digitizing existing VET content for use in the process of hybrid-simulation training. Pilot development of VET content for hybrid-simulation training (priority topics identified according to IO1 and assigned to each partner) under the supervision of KTC experts. Duration of training - 8 academic hours.</p>



	<p>Day 4 - Pilot development of VET content for hybrid-simulation training (priority topics identified according to IO1 and assigned to each partner) under the supervision of KTC experts. Duration of training - 8 academic hours.</p> <p>Day 5 - Getting acquainted with the practice of hybrid-simulation training process management, training participants to adapt to their needs and properly manage digital software, identifying the roles of training participants, forming tasks, setting durations and the like. Duration of training - 8 academic hours.</p> <p><i>NOTE 1: this training will only be the first step in the training of hybrid simulation training professionals, as participants will later have to develop and pilot (organize, lead, manage, test, evaluate) hybrid simulation training programs or modules (IO3) in their vocational schools, depending on the distributed training topics and research material (IO1).</i></p> <p><i>NOTE 2: the process of developing and piloting a hybrid simulation training material will be consistently coordinated and overseen by specialists designated by the KTC.</i></p> <p><i>NOTE 3: Only VET teachers who have successfully completed all stages of the training will be issued certificates confirming that the person is a professional in the hybrid simulation training method.</i></p>
Project End Conference	10th February, 2023 (Lithuania)

