

## Blended learning in vocational education and training – BlendVET

### Kombinirano izobraževanje v poklicnem in strokovnem izobraževanju – KIPSI



Meeting with teachers from  
additional schools from Slovenia,  
Ljubljana, December, 2022

## NEWSLETTER No. 2

March 2023

### About the project

The projects' main objective is to establish conditions for the use of digital technologies in teaching and learning in VET. Through the project activities we will develop and implement school strategies for the effective implementation of blended learning, support VET teachers in planning and implementing blended learning and develop VET teachers' digital competences to create and use e-learning solutions.

The project lasts from November 1st, 2021 until April 30th, 2024.

# Ongoing activities

## Strategic plans for introduction of blended learning at schools

Using the findings of the self-evaluation, the school teams analysed the current situation in the school in terms of teachers' and students' knowledge of the blended form of education. They also identified key areas where they need to focus their energy to make the strategies successful.

In the meantime, the school strategies are already being implemented ...

Read more on:  
<https://blendvet.si/en/activities/strategic-framework-for-schools/>.



## Practical e-learning solutions

In this work package, we focus on developing e-solutions to support blended learning. This has resulted in the first demonstrations of e-learning solutions, namely enriched videos (for hairdressing, car repair and mechanical engineering), a virtual reality application (virtual reality recording day), augmented reality applications (identifying and assembling computer components), and even a computer game for electrical engineering lessons.

All the demonstration versions will be used in piloting. We look forward to receiving feedback from the students involved in the piloting.



Developing e-solutions at STPŠ Trbovlje

# Pedagogical solutions and pilot trainings for teachers

More than 80 teachers from Slovenia, Norway and Iceland attended training sessions on planning and implementing blended learning. During the training, teachers were able to experience blended learning through the eyes of the learner, distance learning (online) and try their hand at problem solving with different online tools.

In blended learning, it is crucial that students use digital technology to achieve specific learning objectives. It is not only about enriching the learning experience, but also about the acquisition of knowledge. This requires a different perspective on all phases of learning, from planning to assessment.

Read more on:

<https://blendvet.si/en/teacher-training-for-blended-learning/>.



Meeting with teachers from additional schools from Slovenia, Ljubljana, December, 2022



## Partners' corner

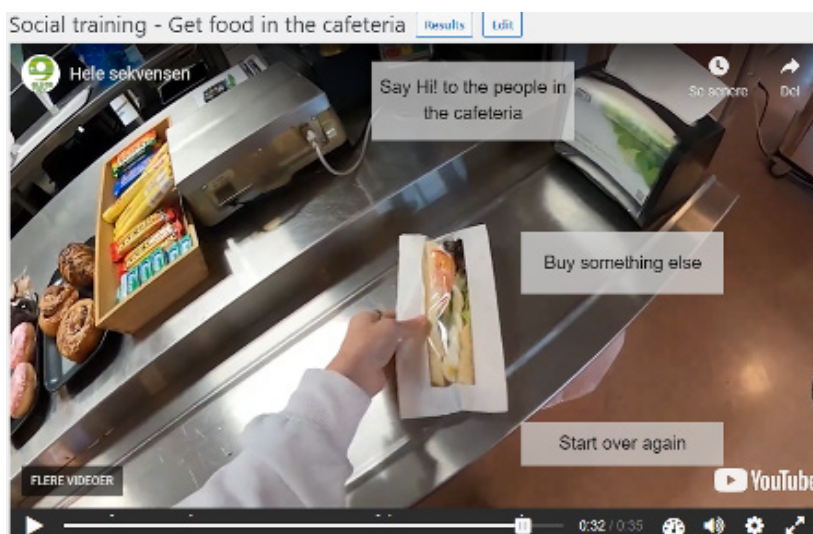
### Purchasing canteen snacks as an example of blended learning

The partner school from Norway, **Åssiden videregående skole**, has been equipped with a GoPro Max camera for the BlendVET e-solution, which allows 360-degree filming and photography. The school's teachers worked with the students to create a presentation using the H5P tool built into WordPress.



Find out what a camera has to do with buying a snack in the canteen here: <https://blendvet.si/en/assiden-videregaende-skole-has-begun-working-with-e-learning-solutions/>.

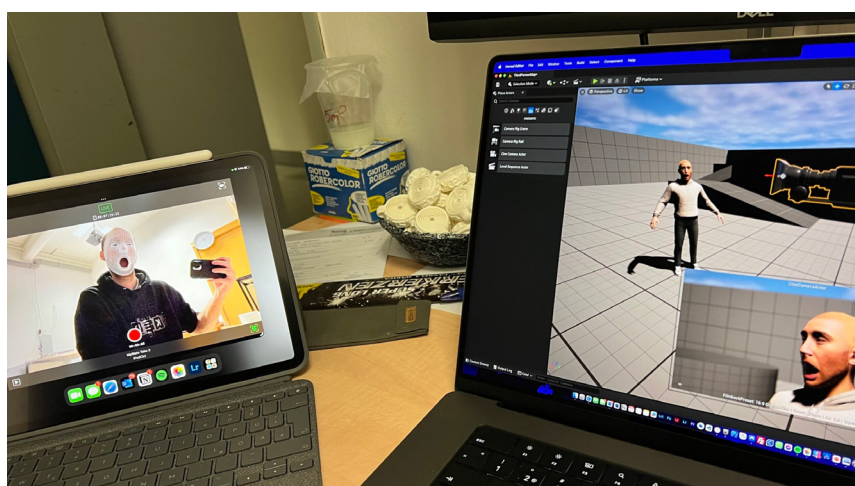
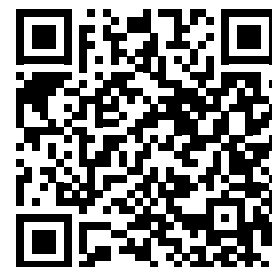
Buying snacks with interactive video at Åssiden videregående skole



### Human body movement in a computer game

Virtual and augmented reality present a special challenge for the students and teachers of **School Centre Celje**. They use them, among other things, for spatial modelling, machine control, merging and capturing body movements for computer games.

More on: <https://blendvet.si/en/human-body-movement-in-a-computer-game/>.



Capturing body movement at SC Celje

## Changing tyres using HP5 footage

Students of the Hairdresser, Car Service Technician, Mechanical Technician and Computer Technician programmes at **Upper-secondary VET School Koper** will be given interactive videos to learn how to do a step cut, change and balance tyres, start the machine and know the computer motherboard.

You can read what they have prepared for us on:  
<https://blendvet.si/en/hp5-for-practical-training/>.



Recording interactive video at STŠ Koper

## Exploring podcasts and video production

Norwegian partners from **Østfold University College, Åssiden videregående skole and Fagskolen i Viken** joined forces to explore the world of podcasts and video production through hands-on training.



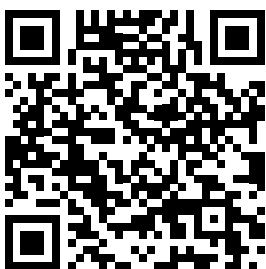
More on:  
<https://blendvet.si/en/blendvet-workshop-exploring-podcasts-and-video-production/>.



Recording podcasts in Norway

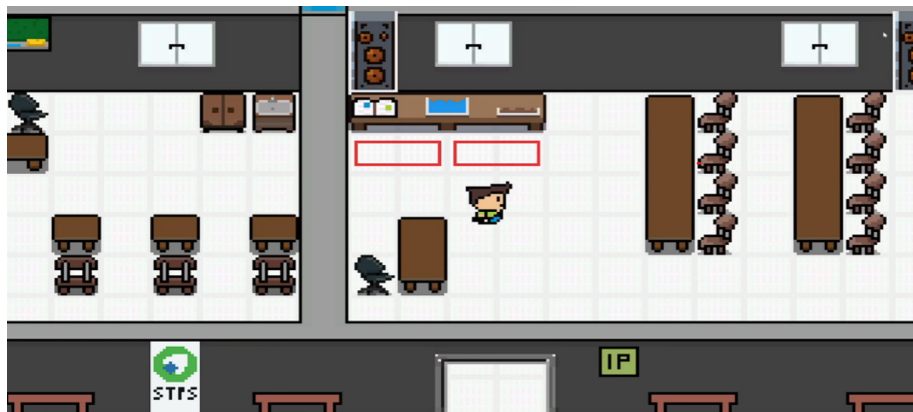
## STPŠ Trbovlje has a digital twin

Students and teachers of the **Upper-secondary VET School Trbovlje** flirted with the metaverse and created a digital twin of the school through the development of a computer game. The computer game represents a vision of a modern way of enriching the learning environment in the world of computer games.



Read more:

<https://blendvet.si/en/spts-trbovlje-and-its-digital-twin/>.



Making a video game  
at STPŠ Trbovlje

*Photos and contributions by BlendVET partners.*

### Next steps ...

Study visit and project partners' meeting in Slovenia, **17th–21st of April, 2023**

Public event on project activities at Delavski dom Trbovlje, **20th of April, 2023**

<sup>1</sup> **Registration for the event:** <https://forms.office.com/e/Zzk7GF1sUn>

Piloting among students in all partner schools, **February–May, 2023**

## Working together for a **green**, **competitive** and **inclusive** Europe.

The project BlendVET (KIPSI) benefits from a 1.607.844 € grant from Iceland, Liechtenstein and Norway through the EA Grants. The aim of the project is to improve teaching and learning practices in blended learning and exchange of knowledge and good practices with institutions from donor countries.

For more information visit [eagrants.org/countries/slovenia](https://eagrants.org/countries/slovenia).

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# Project partners

## Project promotor



Institute of the Republic of Slovenia for Vocational Education and Training  
*Center Republike Slovenije za poklicno izobraževanje*

## Slovenia

Univerza v Ljubljani  
Filozofska fakulteta



University of Ljubljana, Faculty of Arts, Department of Educational Sciences  
*Univerza v Ljubljani, Filozofska fakulteta, Oddelek za pedagogiko in andragogiko*



Srednja  
tehniška in  
poklicna šola  
Trbovlje

Upper-secondary VET school Trbovlje  
*Srednja tehniška in poklicna šola Trbovlje*



ŠOLSKI CENTER  
NOVO MESTO

School centre Novo mesto  
*Šolski center Novo mesto*



ŠOLSKI  
CENTER  
CELJE

School centre Celje  
*Šolski center Celje*



Srednja tehniška šola Koper  
Srednja tehniška šola di. Čopodstevca

Upper-secondary VET school Koper  
*Srednja tehniška šola Koper*

## Norway



Høgskolen i Østfold

Østfold University College  
*Høgskolen i Østfold*



ÅSSIDEN  
VIDEREGÅENDE SKOLE

Åssiden upper secondary school  
*Åssiden videregående skole*



Fagskolen  
i Viken

Viken Higher Vocational College  
*Fagskolen i Viken*

## Iceland



Háskólinn  
á Akureyri  
University  
of Akureyri

University of Akureyri  
*Háskólinn á Akureyri*



Akureyri comprehensive college  
*Verkmenntaskolinn á Akureyri*

"This newsletter was created with the financial support of EEA Grants. The contents of this newsletter are the sole responsibility of Institute of the Republic of Slovenia for Vocational Education and Training (CPI) and can in no way be taken to reflect the views of the Programme Operator of the Education, Scholarships, Apprenticeship and Youth Entrepreneurship programme."

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