



## ENLIVEN PROJECT NEWSLETTER Issue n.3

# ENLIVEN ENHANCED LEARNING AND TEACHING IN INTERNATIONAL VIRTUAL ENVIRONMENTS

## GOING BEYOND

### EARLY MULTIPLIER EVENTS

Starting in Novi Sad and Tallinn, the season of dissemination of results was opened.

END THE READING ON PAGE 2



As we approach the end of the project, the results become tangible. They are now the core of events which are designed to maximize the project's impact outside our partnership.

Happy reading!

*The ENLIVEN Consortium*



### PRACTICAL ONLINE ACTIVITIES

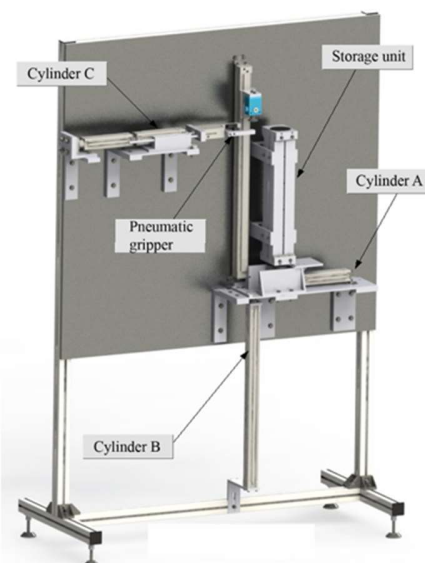
37 practical online activities outside of a physical laboratory has been collected, described, analysed, and classified during the project.

END THE READING ON PAGE 3

### E-MODULES TESTING

During the last months the Consortium carried out the testing of the implemented Virtual learning course.

END THE READING ON PAGE 4





## EARLY MULTIPLIER EVENTS

The ENLIVEN project partners have begun to carry out the local multiplier events planned by the project. Starting in Novi Sad and Tallinn, the season of dissemination of results was opened.

We are very proud of the effort that all partners are doing to organize Multiplier events.

For the Erasmus+ program, a multiplier event is an event organized in order to share the intellectual results of a project with a large audience.

During the ENLIVEN project life, each partner is expected to organize a local event targeting its own stakeholder network.

In Tallinn the multiplier event was held on October 19th, 2022. Tallinn University team presented to around 40 local and foreign participants all intellectual outputs.

University of Novi Sad organized a multiplier face-to-face event on December 3rd, 2022, in the University venues.

The event was divided into two parts: the 1st session was focused on the ENLIVEN project, within which the background of envisaged activities and their concrete outcomes – Intellectual Outputs were presented in detail. Within the 2nd session, similar ERASMUS+ projects selected in the scope of the same call as ENLIVEN, were presented, which was followed by discussion on the synergy among these with regards to the topic and achieved outcomes.

In late January and in February four more events will take place in **Salzburg, Lisbon, Hamburg, and Pisa.**

# PRACTICAL ONLINE ACTIVITIES

Collaboration and teamwork			Virtual experience		Build and explore models		Home kits	E-learning platforms		
Data analysis	Problem solving	Scientific comm.	Real time	Recorded	Artefacts	Digital models	Home kits	Virtual lab	Webinar & tutorials	E-learning modules
16	15	13	3	1	25	10	17	2	37	22
24	18	29	4	9	31	11	21	12		28
26	30		5	20		14	27	19		
32			6	33		23				
			7	34						
			8	35						
			36							

**37 practical online activities outside of a physical laboratory has been collected, described, analysed, and classified during the project. Now they form a chapter of ENLIVEN guidelines.**

The needs analysis which the Consortium carried out before the proposal showed that **performing practical online activities outside of a physical laboratory is a critical aspect during pandemic.**

One of project goals corresponds to proposing solutions to stimulate students to carry out practical activities at home with **the same learning outcomes as in presence** (during the pandemic) and to make virtual mobility more realistic (during and after the pandemic). Attention had been focused in particular (but not exclusively) on computer science and physics.

Using a common template, ENLIVEN partners collected information and details on **37 best practices** that the six universities have experienced during the pandemic. This task allowed to know **the behaviour of each university** partner facing the challenge of the pandemic. It was a relevant shared knowledge activity.

In analysing the set of experiences and to sort and classify them, the partners chose a **taxonomy based on the answer given to a need.**

This choice allowed them to go **beyond scientific domains**, aiming to maximize the **reusability and transferability** of solutions.

Reasoned summary of experiences in a chapter of ENLIVEN guidelines and details in an attachment can be an **inspiration** to other higher education institutions and different stakeholders.

# E-MODULES TESTING

During the last months the Consortium carried out the testing of the implemented Virtual learning course.

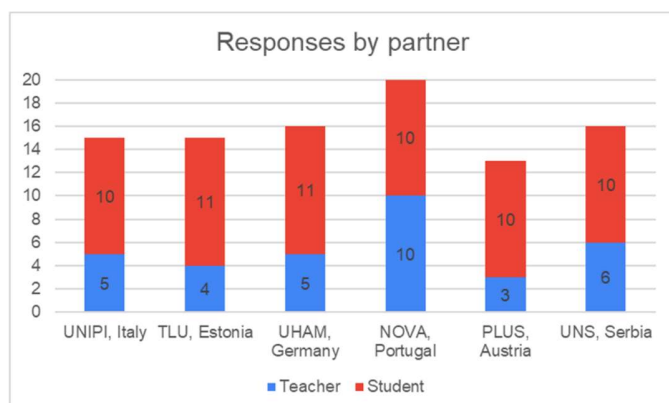
95 faculty members and students from our 6 universities tested the modules in a first phase.

In November and December, the beta version has been trialled by internal and external stakeholders involved in a cycle of in-depth interviews.

The overall goal of the course is to empower e-teaching and e-learning at universities across Europe.

The course consists of eight micro modules, each 1 ECTS credit point (total 8 ECTS):

- (1) Whole-school approach to Online and Blended Teaching and Learning
- (2) Digital educational resources
- (3) Digital platforms for communication and collaboration
- (4) Effective teaching and learning
- (5) Assessment practices
- (6) Online vs. Blended vs. Traditional teaching and learning
- (7) Instructional design
- (8) Digital Competence and evaluation tools



## Whole-school approach to Online and Blended Teaching and Learning

Module 1 covers the Whole-School Approach (WSA) at the university from the angle of all stakeholders. The WSA discusses the potential of digital technologies for the overall improvement of education and recommendations for the utilization of educational technologies for education actors. All subjects within the educational institution should work hard to gain digital competencies, spend more time in self-development, engage in discussion with peers, students, and available experts. Digital transformation requires organizational, pedagogical, and technological changes that should often be discussed at stakeholders. Also, digital transformation bears certain risks, particularly in relation to the issues of safety, that should be recognized and addressed on time and continuously. The COVID-19 crisis reinforced the need for educational actors. The Whole school approach to Online and Blended Teaching and Learning should support university leadership and decision-makers with approaches and solutions that emerged to teaching and learning practice, boosted by the current COVID-19 pandemic.



1.0 Learning Outcomes

## LEARNING MATERIAL

Target groups are teachers and students in the higher education.

Each of the module is divided in four parts: (1) general educational resources for both teachers and students, (2) educational resources only for teachers, (3) educational resources only for students, and (4) assessment for both teachers and students.

The course is fully online. After completion of the e-modules teachers and students should be able to do the following:

- Define a whole-school approach to virtual learning
- Explain content creation and creating and modifying digital resources
- Discuss digital communication and collaboration platforms
- Explain and use different effective teaching and learning methods
- Develop assessment strategies and provide feedback
- Explain instructional design
- Discuss digital competencies and evaluation tools

Discussion forum

Please post a question for provide an answer to a question in the discussion forum.







## Join the ENLIVEN Stakeholders group

Are you active in the field of education and are you interested in talking about the future of virtual education? ENLIVEN is looking for members to join its Stakeholders group! Joining the Stakeholders Forum will give you the opportunity to be invited to multiplier events and influence ENLIVEN's results according to your needs. For more info on how to join, please visit the website <https://www.enlivenproject.eu/contacts/>.

## Upcoming Events

**From December 2022 to February 2023**

Stay tuned for the upcoming **Multiplier Events** in Lisbon, Salzburg, Hamburg, and the **Final Conference** in Pisa!

<https://www.enlivenproject.eu/enliven-project/meetings-news-and-events/>.

## ENLIVEN is on social media. Follow us!



## Contact us:

**programmi.internazionali[at]unipi.it**



Co-funded by the  
Erasmus+ Programme  
of the European Union

ENLIVEN is a project funded by the European Commission. This project has received funding from the European Union's Erasmus+ program

Project number: 2020-1-IT02-KA226-HE-095637