



# Dissemination Report

Period from

January 1<sup>st</sup>, 2021-December 31<sup>st</sup>, 2021

January, 2022



<b>Project acronym:</b>	<b>TeComp</b>
<b>Project full title:</b>	<b>Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences</b>
<b>Project No:</b>	598434-EPP-1-2018-1-RS-EPPKA2-CBHE-JP
<b>Number of grant contracts</b>	2018-2467/001-001
<b>Web address of project</b>	<a href="http://www.tecomp.ni.ac.rs">www.tecomp.ni.ac.rs</a>
<b>Funding Scheme:</b>	Erasmus+
<b>Coordinator Institution:</b>	University of Nis
<b>Coordinator:</b>	Prof. dr Jelena Ignjatović
<b>Project duration:</b>	15.11.2018. – 14.11.2022
<b>Work package:</b>	WP5 – Quality assurance and monitoring
<b>Lead organization of WP6:</b>	University of Korce
<b>Activity 6.3 Annual joint report disseminated</b>	
<b>Version of the document:</b>	second
<b>Status:</b>	Final
<b>Dissemination level:</b>	Institutional, Internal



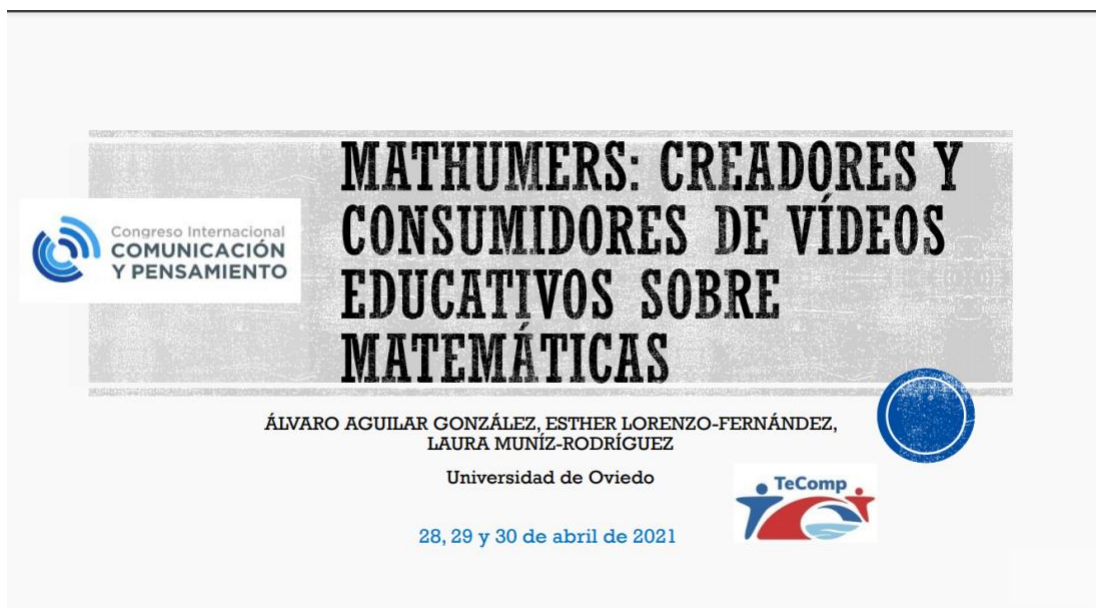
## Introduction

The dissemination report is organized in relation to the tasks foreseen by the logical frame matrix, i.e., Creating the project website, Printing and distributing promotional material, Disseminating reports on the project achievements, Organizing popularization lectures, Developing a Rulebook on CPD of teaching staff, Developing Strategy for the support and ongoing improvement of the quality of T&L and Developing a unified questionnaire.

## Disseminations

### The scientific conference by University of Oviedo (April 2021)

*“The result of the project were presented by the University of Oviedo at four scientific conference. Aguilar-González, Á., Lorenzo-Fernández, E., y Muñoz-Rodríguez, L. (2021). Mathsumers: Creadores y consumidores de vídeos educativos sobre matemáticas. [Mathsumers: Creators and Consumers of Educational Videos on Mathematics]. VI International Conference on Communication and Thought. The revolution of the prosumers: youtubers and instagramers.”*



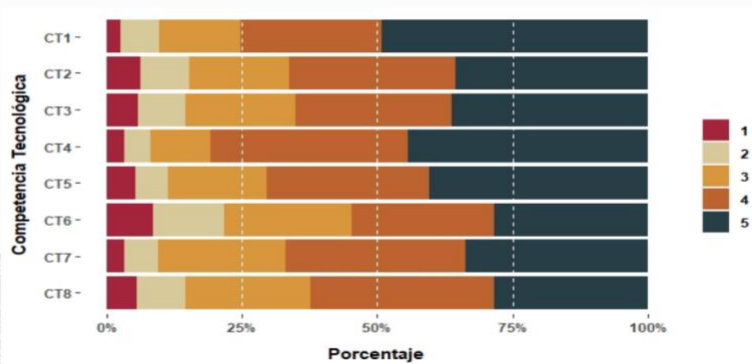
## OBJETIVO PRINCIPAL



Generar procesos de uso  
pedagógico de la Web 2.0 por los  
Estudiantes Para Maestro (EPM)

MATHUMERS: CREADORES Y CONSUMIDORES DE VÍDEOS EDUCATIVOS SOBRE MATEMÁTICAS

## RESULTADOS Y DISCUSIÓN



MATHUMERS: CREADORES Y CONSUMIDORES DE VÍDEOS EDUCATIVOS SOBRE MATEMÁTICAS



LUIS J. RODRÍGUEZ-MUÑIZ<sup>1</sup>  
MARLÉN ALONSO-CASTAÑO<sup>2</sup>  
LAURA MUÑIZ-RODRÍGUEZ<sup>3</sup>

[luisj@uniovi.es](mailto:luisj@uniovi.es)<sup>1</sup>

[alonsomarlen@uniovi.es](mailto:alonsomarlen@uniovi.es)<sup>2</sup>

[munizlaura@uniovi.es](mailto:munizlaura@uniovi.es)<sup>3</sup>

DEPARTAMENTO DE ESTADÍSTICA E I.O.  
Y DIDÁCTICA DE LA MATEMÁTICA

UNIVERSIDAD DE OVIEDO



Universidad de Oviedo  
Universidá d'Uviéu  
University of Oviedo



# VÍDEOS EDUCATIVOS COMO INSTRUMENTO PARA DESARROLLAR EL CONOCIMIENTO ESPECIALIZADO DEL PROFESORADO DE MATEMÁTICAS



*I Congreso Internacional de  
Transformación Digital  
en Entornos de Aprendizaje  
Mayo, 2021*

## INTRODUCCIÓN





## METODOLOGÍA

Grado en Maestro/a en  
Educación Primaria de la  
Universidad de Oviedo

Curso académico  
2019/2020

Matemáticas y su  
Didáctica III



- Flipped learning
- 5-8 minutos
- Enriquecimiento con preguntas interactivas

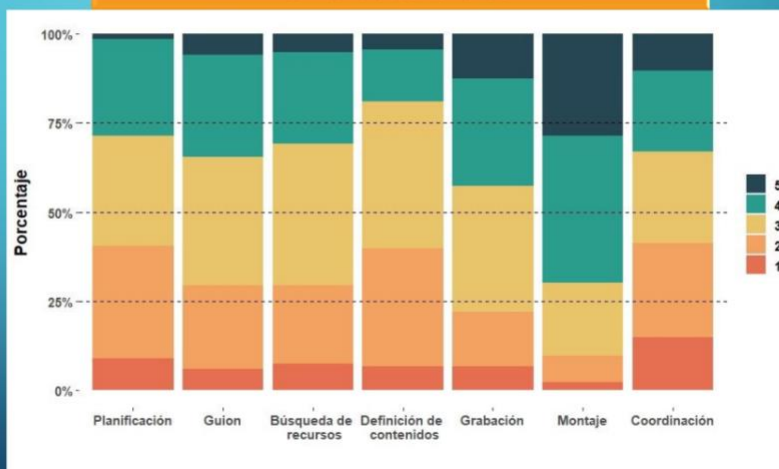
## RESULTADOS

136 estudiantes

42 vídeos educativos



Valoraciones de los estudiantes para maestro sobre la  
dificultad de la tarea





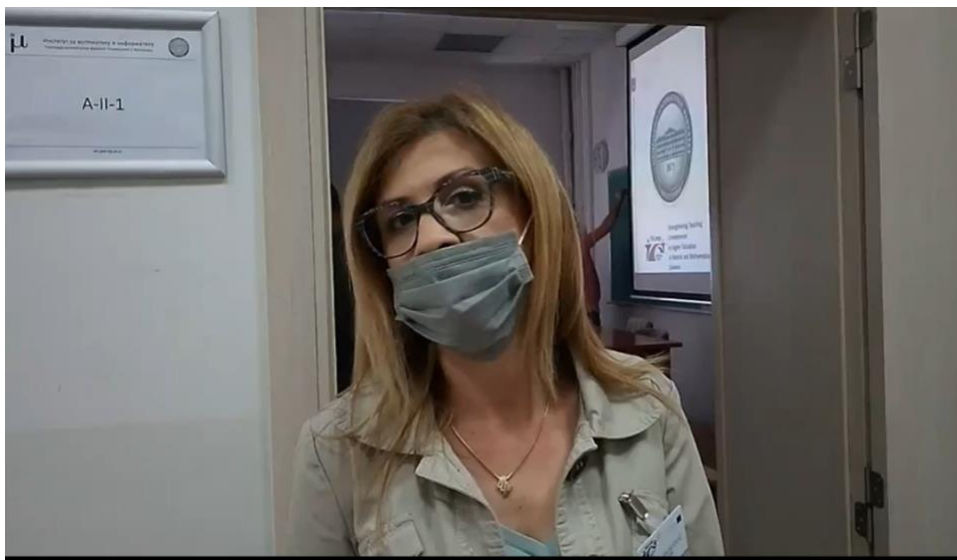
## LCT and working hours Kragujevac

*Dr Jelena Ignjatović from The faculty of Mathematics and Natural Sciences, coordinator of the TeComp project: "We know the technology is making progress at breakneck speed, so the main goal of this project is to improve the teaching methodology in ways of using the modern technology and motivating students."*

*Dr Slađana Dimitrijević from The Faculty of Science in Kragujevac, the host of this LCT meeting: "Every day should be looked as an opportunity for cooperation. The only room for improvement comes after you see how the other people are working."*

<https://www.facebook.com/watch/?v=1218772345250362>

<https://www.facebook.com/watch/?v=865087600796793>



## Online lectures in the high school "Jovan Jovanović Zmaj", Novi Sad (May 2021)

*Goran Radojev held two lectures where he promoted the methods he learned at the TeComp project. One lecture was online (25.05.2021.) with 14 students present at the lecture and a total of 83 views afterwards. The second promotion was on October 26, 2022. in the high school Jovan Jovanovic Zmaj Novi Sad, with 17 students present.*

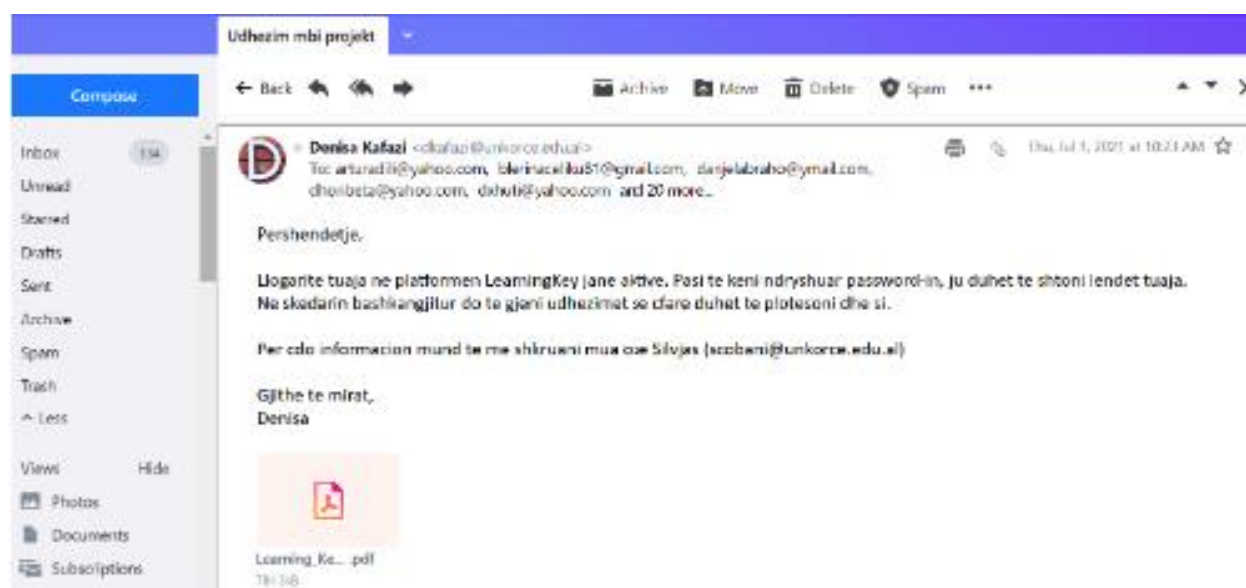
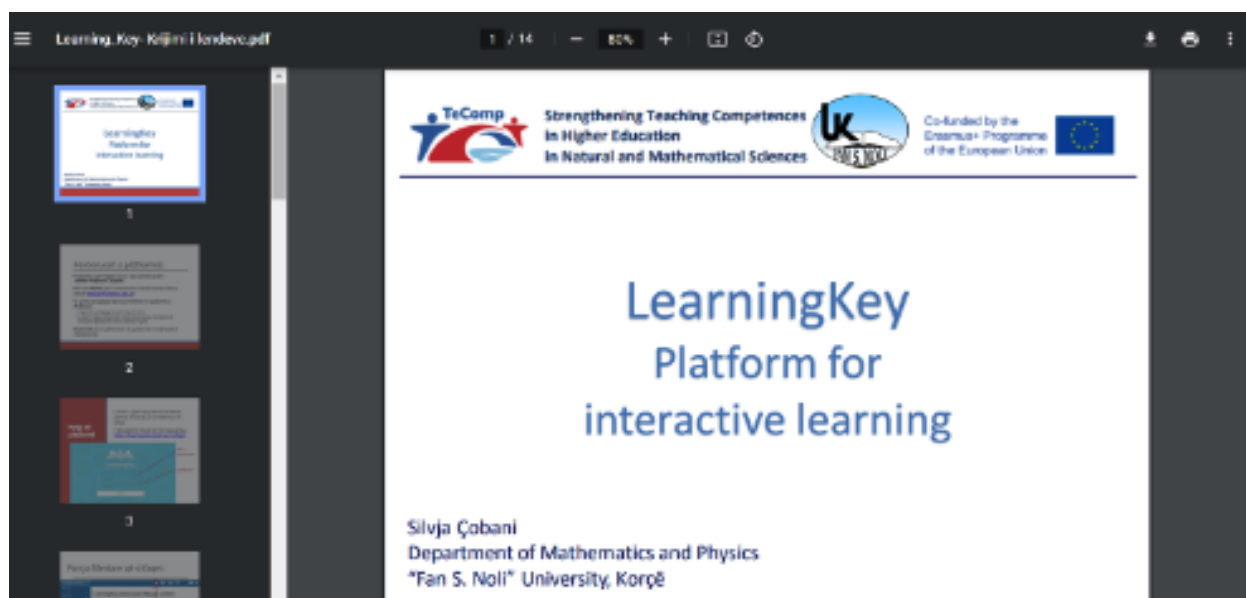
26. 10. 2022. 40. Радни дан 40. Наставни дан		
1. час	Историја Црна Гора, Срби под османском влашћу утврђивање Борислав Ћалић	[15] 3
2. час	Анализа са алгебром Квадратне неједначине Горан Радојевић	[31] 1
3. час	Анализа са алгебром Квадратне неједначине Горан Радојевић	[32] 1

### Šesnaesti čas - utorak, 25.5.2021. u 20h (Kvadratna funkcija i Vijetove formule 2)

 URL Video snimak - čas 16	151 views by 83 users	Wednesday, 2 November 2022, 11:32 AM (5 hours 28 mins)
 File Čas 16 - rešenja	165 views by 83 users	Saturday, 8 January 2022, 7:14 PM (297 days 19 hours)

## Informing teachers and students about the TeComp project and the LearningKey platform at Korça University (Jun 21)

*“On 30th June 2021 teachers and students of the Faculty of Natural and Human Sciences attended a short online presentation on MS Teams about the Learning Platform. There was a total of 36 participants, and the presenter was Silvja Çobani. Moreover, the presentation was sent via email to the teachers of the Faculty of Natural and Human Sciences the next day”*



## The scientific conference by University of Oviedo

*The result of the project were presented by the University of Oviedo at four scientific conference. Muñoz-Rodríguez, L., Lorenzo-Fernández, E., y Aguilar-González, Á. (2021). Mejora de la motivación hacia la didáctica de la matemática y desarrollo de la competencia docente de los estudiantes para maestro a partir de una experiencia de m-learning. [Improvement of the motivation towards the didactics of mathematics and development of the teaching competence of the students for teacher from an experience of m-learning]. VII Congress of Educational Innovation and Online Teaching (IN-RED 2021).*



UNIVERSITAT POLITÈCNICA DE VALÈNCIA

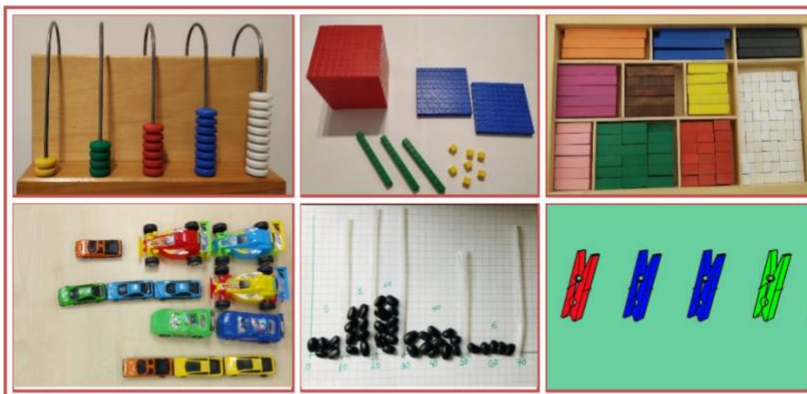
IN-RED 2021  
13, 14 y 15 Julio • Valencia

VII CONGRESO DE INNOVACIÓN  
EDUCATIVA Y DOCENCIA EN RED

Mejora de la motivación hacia la didáctica de la matemática y desarrollo de la competencia docente de los estudiantes para maestro a partir de una experiencia de m-learning

LAURA MUÑOZ-RODRÍGUEZ, ESTHER LORENZO-FERNÁNDEZ, ÁLVARO AGUILAR GONZÁLEZ

Universidad de Oviedo



## RESULTADOS

	2018-2019	2019-2020	2020-2021	Total
<b>Género</b>				
Femenino	45	73	92	210 (67.96 %)
Masculino	18	30	51	99 (32.04 %)
<b>Edad</b>				
Media	19.67	20.17	20.29	20.12
Mínimo	18	18	18	18
Máximo	30	49	41	49
Total	63 (20.39 %)	103 (33.33 %)	143 (46.28 %)	309



## TECOMP meeting organized at "Fan Noli" University (September 2021)

*"On September 13-17, 2021, at the University "Fan S. Noli" was held a workshop focusing on teaching competencies, within the project "Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences" TeComp. The group of 26 participating lecturers from Albanian and Serbian universities, initially held a meeting with the rector of UNIKO, prof. dr. Dhimitri Bello, the Deputy Rector for Research and Science, dr. Benita Stavre, the deputy rector for teaching dr. Arto Adili etc. During the conversation, emphasis was placed on the importance of increasing the quality of teaching in universities in the field of natural sciences and mathematics, integrating to a large extent the pedagogical methods, methodology and modern technology, which is the purpose of this project."*

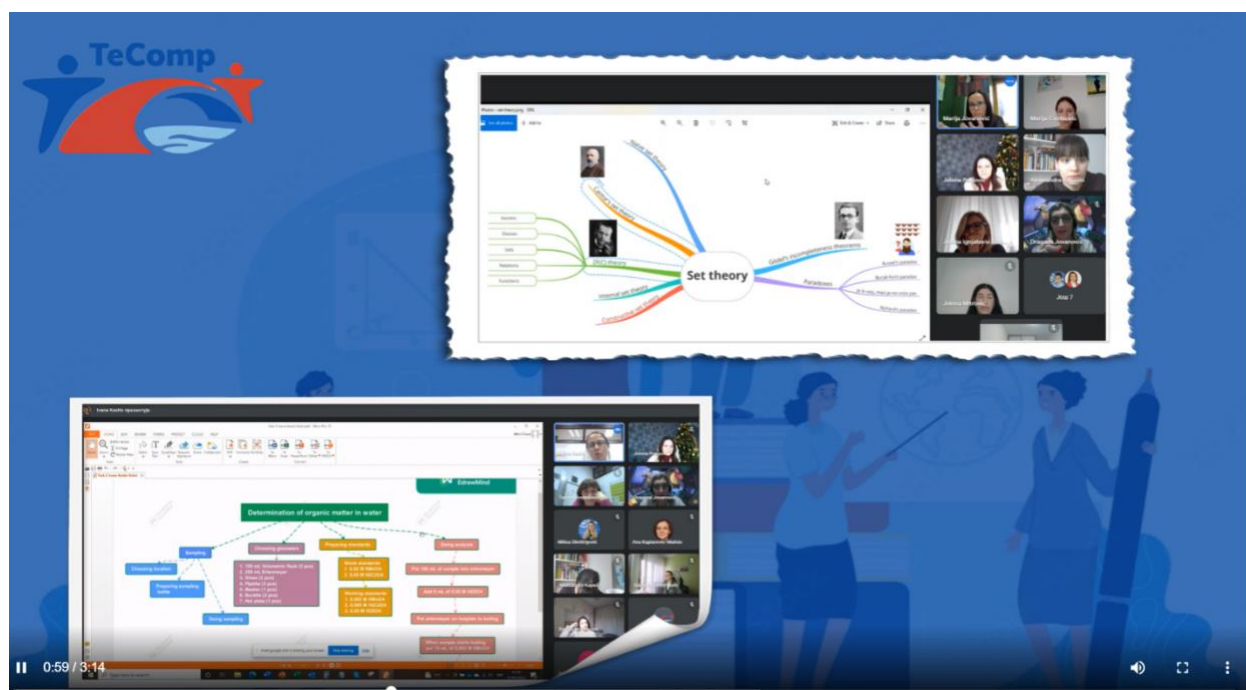


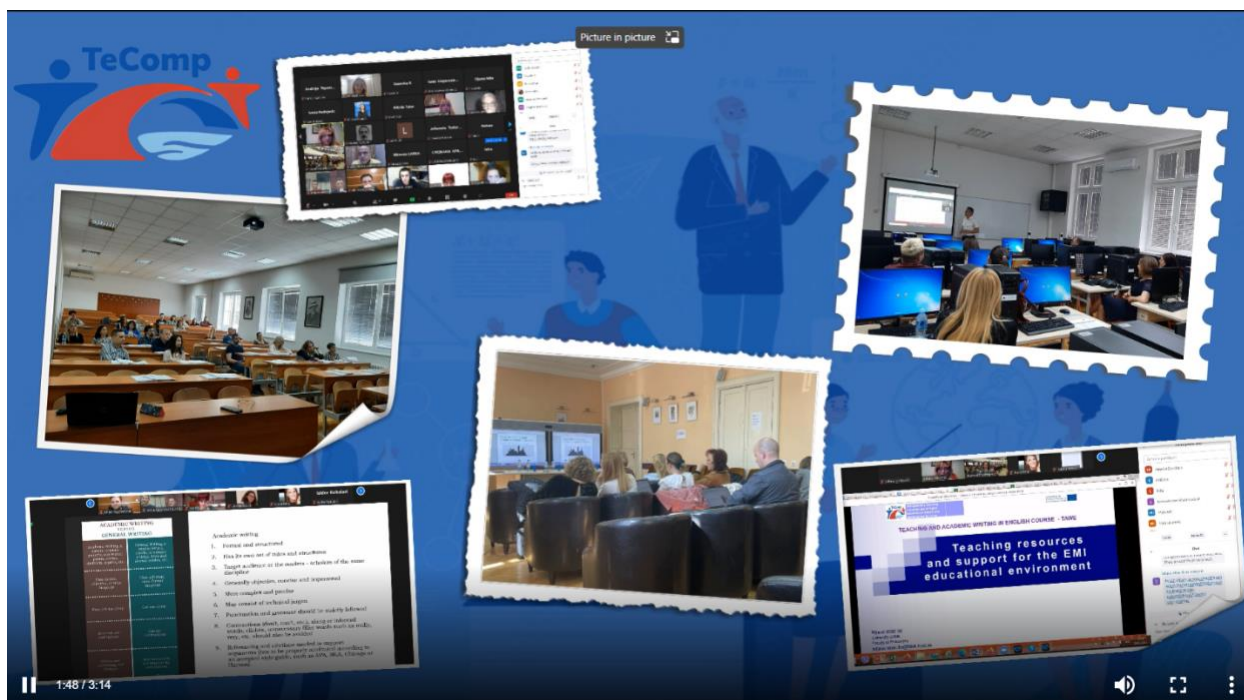
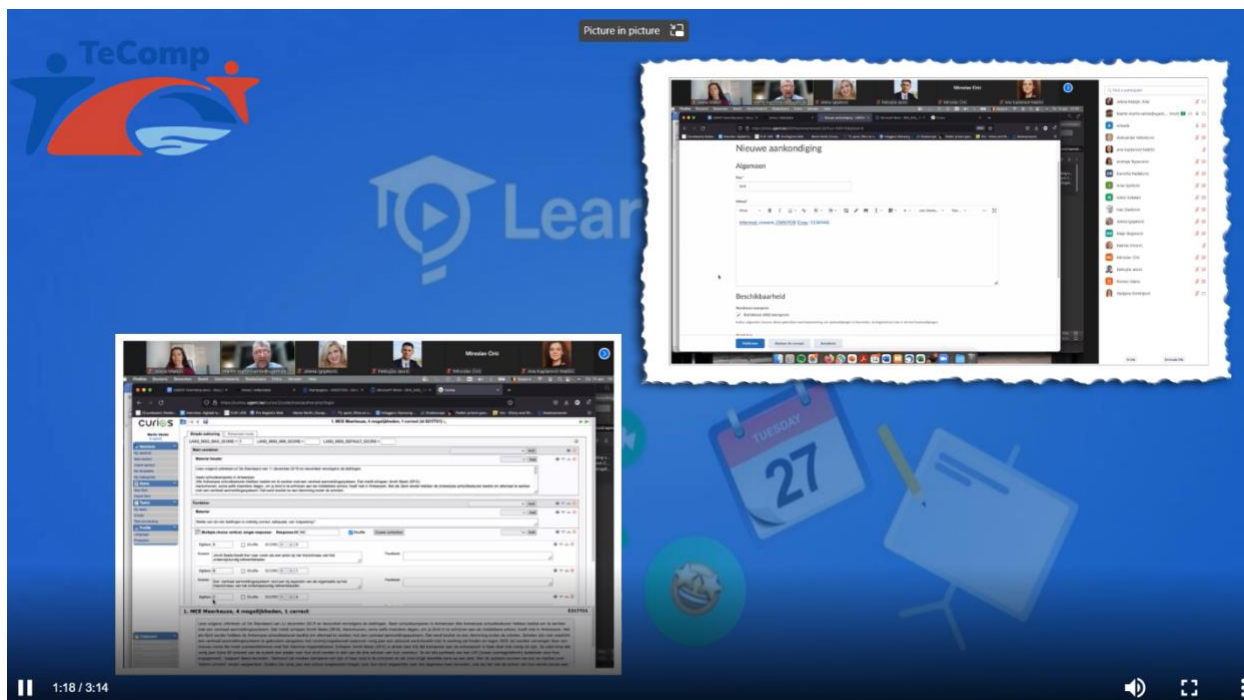


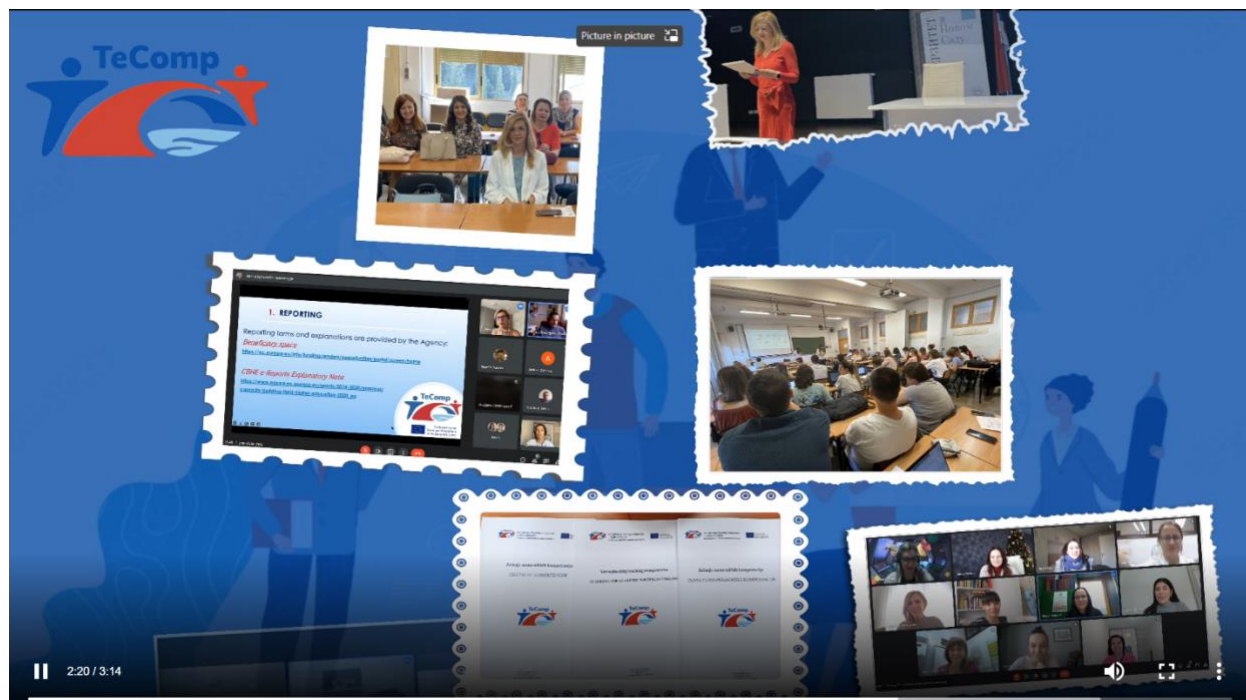
## Dissemination recap

A promotional video containing all achievements of the project during the year 2021 has been made and uploaded to our official website.

([http://www.tecomp.ni.ac.rs/wp-content/uploads/2022/12/dissemin\\_recap\\_2.mp4](http://www.tecomp.ni.ac.rs/wp-content/uploads/2022/12/dissemin_recap_2.mp4))









**Strengthening Teaching Competences  
in Higher Education  
in Natural and Mathematical Sciences**

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



# ***University of Niš***

## ***The TeComp Consortium***

[www.tecomp.ni.ac.rs](http://www.tecomp.ni.ac.rs)

e-mail:

[tecomp@ni.ac.rs](mailto:tecomp@ni.ac.rs)

[tecomp.p2018@gmail.com](mailto:tecomp.p2018@gmail.com)

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Co-funded by the  
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