



Dissemination Report

Period from

January 1st, 2019-December 31st, 2019

January, 2020



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

Figure 1. UGR channel press release (November 2018)

Press releases on the TeComp have been released by the University of Granada on the Spain UGR channel.

“The coordination of the project corresponds to the University of Niš (Serbia) and involves universities from Serbia, Albania, Slovakia, Belgium, Czech Republic and Spain. Some 1,500 Serbian and Albanian university professors of mathematics and natural sciences, and some 15,000 university professors from the same background, are expected to participate in activities derived from the project.”

(<https://canal.ugr.es/noticia/la-ugr-participara-en-proyecto-mejora-ensenanza-matematicas-y-ciencias-naturales-educacion/>)

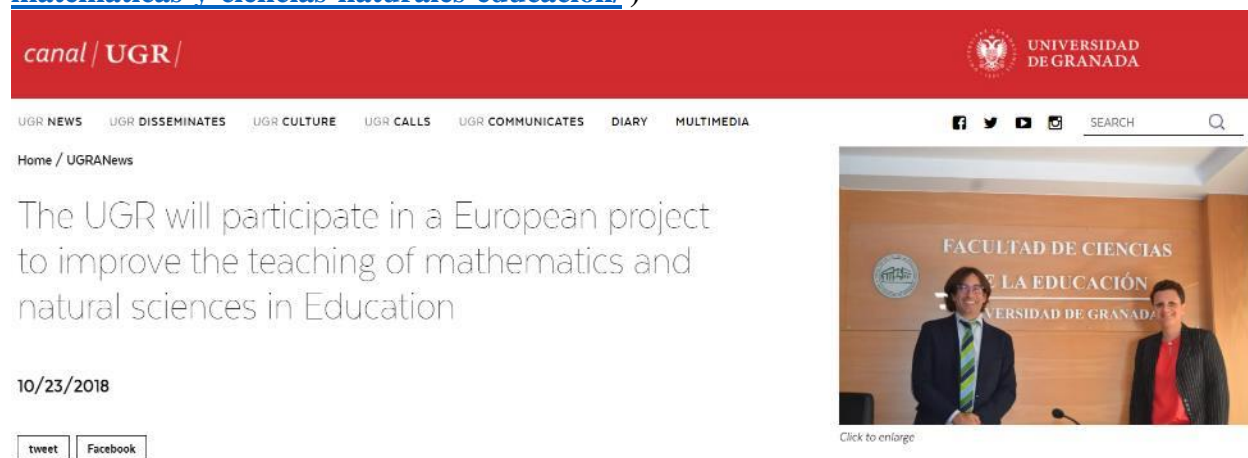


Figure 2. Kick-off meeting in Niš (January 2019)

“The first meeting of the partners within the TeComp Erasmus Plus project was organized at the University of Nis, on January 15th – 17th, 2019.

The kick-off meeting was organized as a three-day event. The first day consisted of the welcome words and presentations given by representatives of the coordinating institution (University of Niš). The second day was intended for short presentations of all partner institutions given by their representatives and for a Central Management Team meeting. The round table discussion was organized on the third day .”





For kick-off purposes, blocks, folders, bags, pamphlets and posters are printed and distributed to all participants during the event. Four copies of each of these promotional materials are preserved in the archivist of the University of Niš.

Printed promo and dissemination materials

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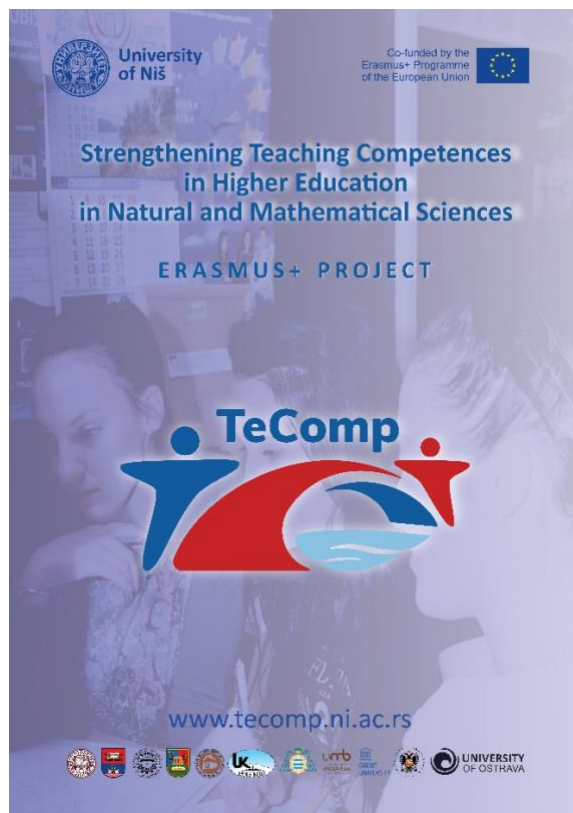
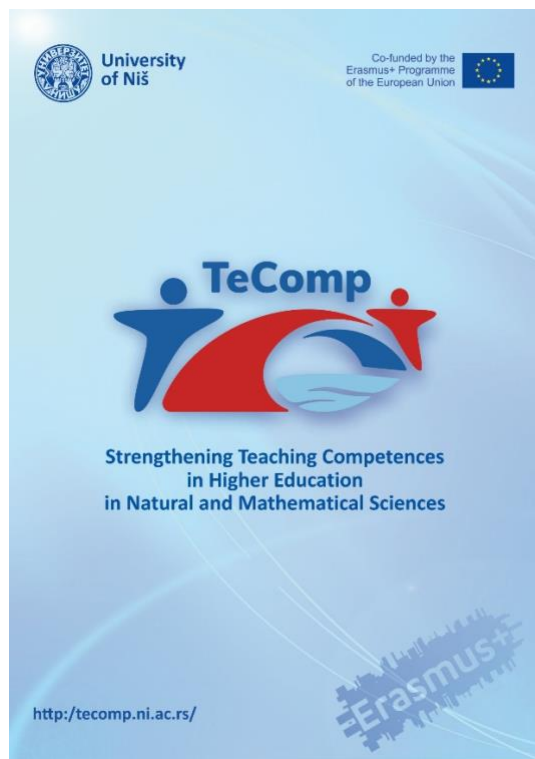




**Strengthening Teaching Competences
in Higher Education
in Natural and Mathematical Sciences**

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Consortium

- P1 University of Niš, Serbia
- P2 University of Belgrade, Serbia
- P3 University of Novi Sad, Serbia
- P4 University of Kragujevac, Serbia
- P5 Eqrem Çabej University Gjirokastrë, Albania
- P6 Fan S. Noli University Korçe, Albania
- P7 University of Oviedo, Spain
- P8 Matej Bel University in Banská Bystrica, Slovakia
- P9 Ghent University, Belgium
- P10 University of Granada, Spain
- P11 University of Ostrava, Czech Republic



Coordinator:
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Wider Objective

Improving the quality of higher education in the field of natural and mathematical sciences at higher education institutions in Serbia and Albania in line with advance EU practices, thereby enhancing their comparability and competitiveness in Europe and beyond

Innovative Character

- Modernised higher education strongly based on integration of new technologies and appropriate pedagogical approaches
- Program of continual professional development for teaching staff across all higher education institutions
- Developed and implemented strategy for the support and on-going improvement of the teaching and learning quality

Expected Impacts

- Teachers, assistants and students enhanced their teaching skills/knowledge in modern psychological, pedagogical and methodical (PPM) principles
- Teachers, assistants and students enhanced their teaching skills/knowledge in educational technology (ET)
- Universities endorsed number of new/modernised courses in PPMET
- University newly hired teachers in Serbia and Albania strengthened their teaching competences
- Continual professional development introduced in the system of higher education applied to teachers in all fields
- Implemented pilot projects which demonstrate the benefits of using online technologies in teaching and learning
- Developed technology-enhanced courses based on suitable online platforms
- The universities equipped with technology-enhanced learning spaces
- Certificate of International accreditation
- Long term collaboration with EU partners
- Improved professional and language skills and transversal knowledge
- Enhanced competitiveness/attractiveness in higher education

Specific Objectives

- to enhance professional competences and skills of teaching staff through training courses in contemporary pedagogical approaches, methodologies and educational technologies;
- to upgrade educational infrastructure as a basis for wider integration of modern pedagogical principles and technologies in teaching and learning;
- to deliver new/modified courses in psychology, pedagogy, methodology of teaching, and technology enhanced learning at the PC HEIs in line with the modern European strategies;
- to strengthen personnel infrastructure through the introduction of continuous professional





www.tecomp.ni.ac.rs

Expected Outcomes

- Identifying and adopting the necessary measures and actions required for quality enhancement of teaching and learning processes;
- Upgrading educational infrastructure;
- Training of teaching staff for harnessing pedagogical and methodological principles and new modes of teaching and learning;
- Development of methodology and platforms for wider integration of ICT in teaching and learning.

Figure 2a UGR channel press release (January 2019)

“The kick-off meeting of the project took place from 15 to 17 January 2019 in Niš (Serbia). The meeting was attended by professors from several universities in Serbia, Albania, Slovakia, Belgium, Czech Republic and Spain, partners of the project. In this first face-to-face meeting, the bases of the work and the final schedule of the project were established. The representatives of each university had the opportunity to present their institution and explain in greater detail than appears in the project report what their strengths are for the project and what their contribution will consist of.”

(<https://canal.ugr.es/noticia/ugr-participa-reunion-proyecto-erasmus-tecomp/>)

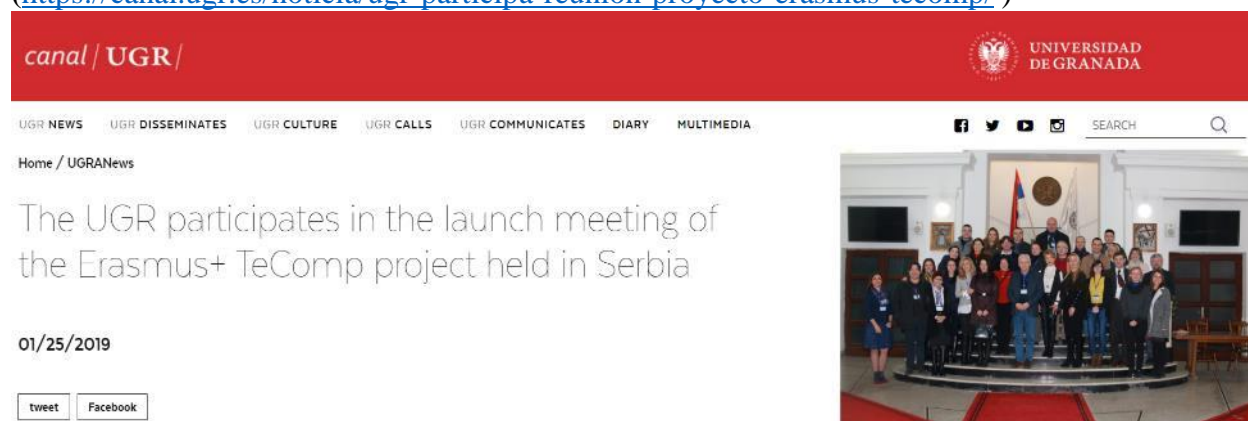


Figure 3. Workshop in Oviedo (March 2019)

Workshop was held from March 25th to March 29th, 2019 – University of Oviedo.

At the “Workshop on innovative teaching methodologies for mathematics and sciences in the University of Oviedo”, the hosts presented their experiences in using new pedagogical and methodological principles in higher education and continuing professional development of teaching staff. They also demonstrated the level of integration of ICT in the teaching and learning process on their University.

Examples of good practice in the field of natural and mathematical sciences were presented. The University of Oviedo has shown the activities of the Center for Innovation in Teaching of the University of Oviedo.

A meeting of partners from Serbia and Albania was also held, where a plan of further activities on the realization of the project has been made.







Figure 4. Workshop in Ostrava (May 2019)

Workshop was held from May 13th to May 17th, 2019 – University of Ostrava

In the workshop “Workshop on Modern Teaching Inspired by Science” in Ostrava, hosts presented their experiences in using innovative teaching methodologies applied in the field of natural sciences, while a special emphasis was placed on the Heinean method which proved to be very effective in acquiring mathematical basics and directing children and high school students to mathematical and computer science, presented the way in which they use modern pedagogical and methodological principles in higher education through practical work in laboratories.

In addition, special attention was paid to the application of fuzzy models and other seemingly complicated mathematical and logical units, in practice, in addition to the development of useful software, which facilitate work and enable solving real problems by creating a computer vision







Figure 5. Workshop in Banska Bystrica (May 2019)

Project meeting was held from May 17th to May 20th, 2019 – Matej Bel University

The hosts at the University of Banská Bystrica has shown activities of their departments within the Faculty of Science and Mathematics, they demonstrated contemporary teaching methods that apply both in classical teaching activities and in laboratories and computer classrooms.

Examples of good practice in all areas of natural science and mathematics were presented, the content of their rich library, which represents an archive available to professors and students from all universities in Slovakia, and its database was introduced.

The visit was also used for the meeting of representatives of partner institutions from Serbia and Albania, where they conducted outcomes of the surveys that had been examined at these institutions. They made the plan for preparing the draft report which would comprise a comparative analysis of the application of modern PPM methods and modern technologies at the universities in Serbia and Albania (based on analysis of the survey) and institutions from Spain, the Czech Republic and the Slovak Republic (based on the information obtained during the previous visits).





Figure 6. The monitoring of the TeComp project at KorcaUGR (May 2019)

“May 24, 2019, the staff of the Erasmus+ national office conducted the monitoring visit to the “Fan Noli” University in the city of Korca, for the two projects financed by Erasmus+, abbreviated TEAVET and TeComp. The aim of the first project is to develop the Competences of Teachers for a Self-Inclusive System in Albania. While the second project aims to strengthen the Teaching Competencies in Higher Education in Natural Sciences and Mathematics. One of the most important points of the two projects is the focus on increasing the capacities and quality of teaching.”

(<https://erasmusplus.al/?p=4847&lang=sq>)



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Albanian National Erasmus+ Office Field Monitoring Visit to University of Korça.

by erasmusadm | May 24, 2019 | Activities

Date: 24th May, 2019
Location: “Fan Noli” University of Korça.
Organized: Albanian National Office of Erasmus+

May 24, 2019, the staff of National Erasmus+ Office conducted impact field monitoring mission to the CBHE funded project “Developing Teacher Competencies for a Comprehensive Vet System in Albania” and advisory monitoring visit to the CBHE “Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences”.

The aim of the visit was to learn about the project outcomes realized and their impact and sustainability prospects with a focus on capacity building and quality of teaching.

The visit consisted of project reports and advancements according to the logistic, budget and management plan, scheduled in the project as well as the difficulties encountered until now. Erasmus + staff provides solutions, advices and guidance for next steps.

LINKS:

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FOUNDING SOURCE:
“The website has been funded within the framework of the European Union Erasmus + programme which is funded by the Directorate General for Development and Co-operation – EuropeAid and the Directorate General for Enlargement.”

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Figure 7. Top notch education platform (May 2019)

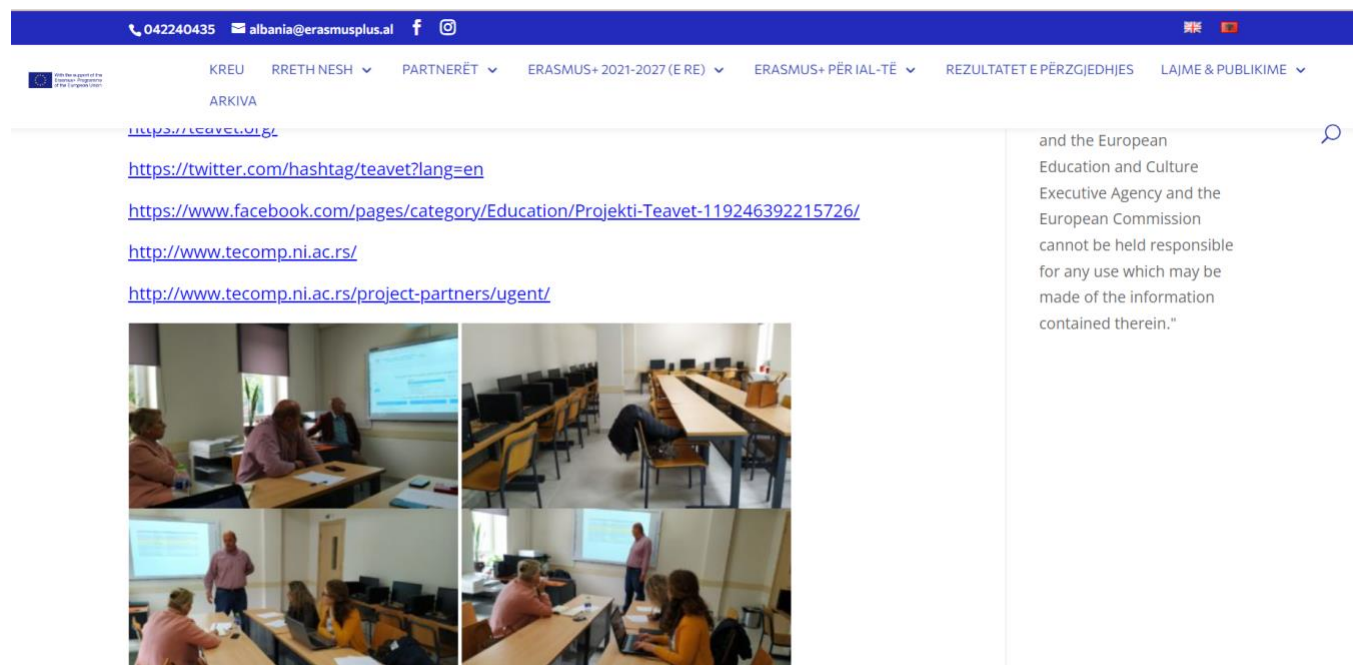
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”

(<https://erasmusplus.al/?p=4847&lang=sq>)

Results has been published on the Erasmus+ Office web and Facebook pages

https://m.facebook.com/permalink.php?story_fbid=1288803491312216&id=359546980904543


Erasmus+ Office web page.



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Erasmus+ Office Facebook page.



 **Albanian Erasmus + Office** is in Korçë, Albania.
May 24, 2019 at 5:33 PM · Korçë · 🌐

Sot zhvilluam monitorimin e dy projekteve
#TEAVET dhe #TECOMP , te mbeshtetura nga Erasmus+.
#StrengtheningandDeveloping #Teachingcompetences



Figure 8. Workshop in Granada (November 2019)





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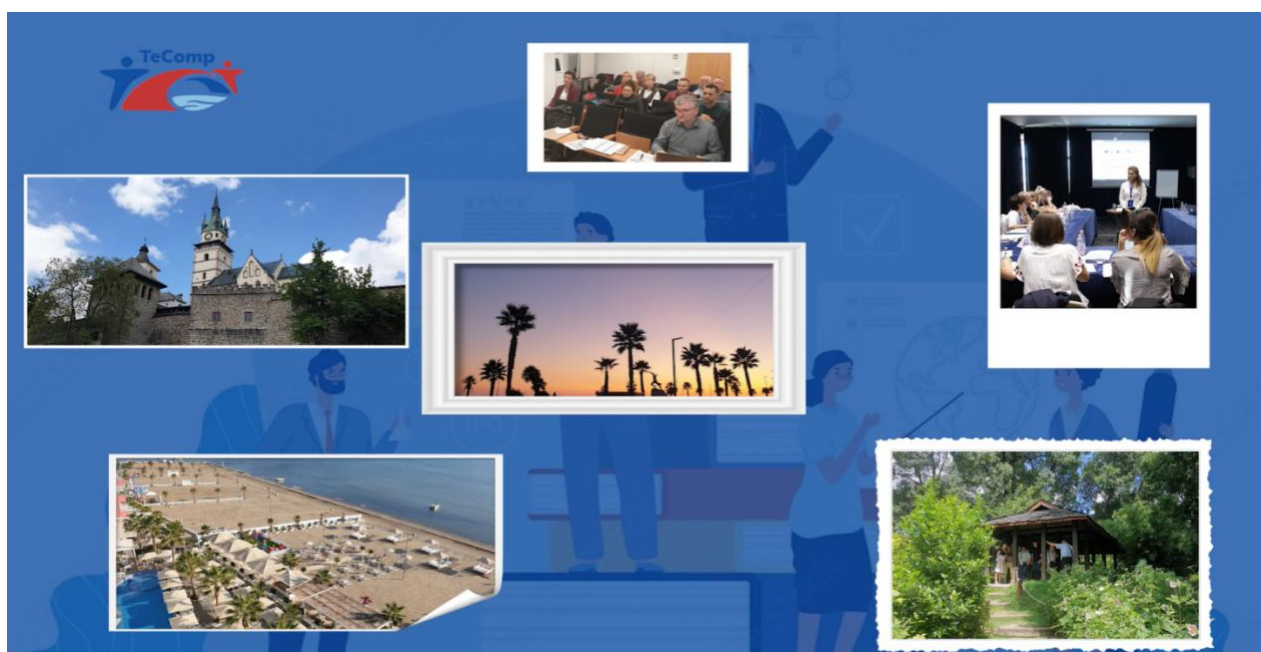
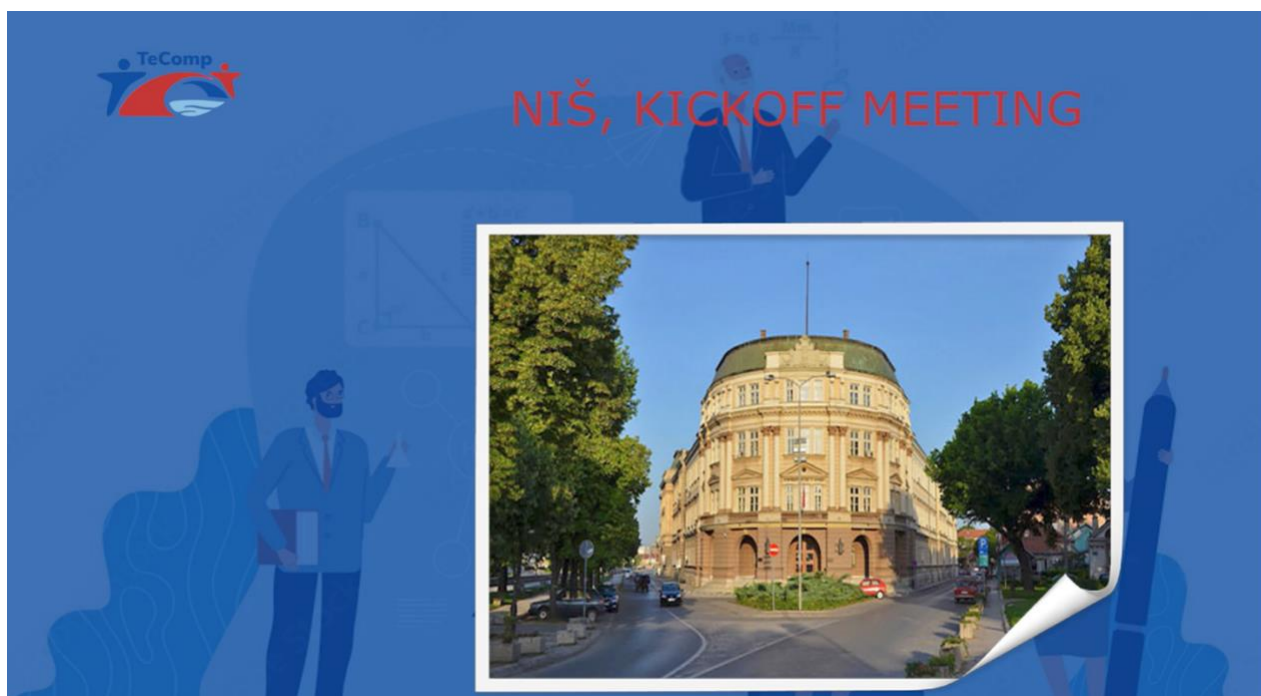
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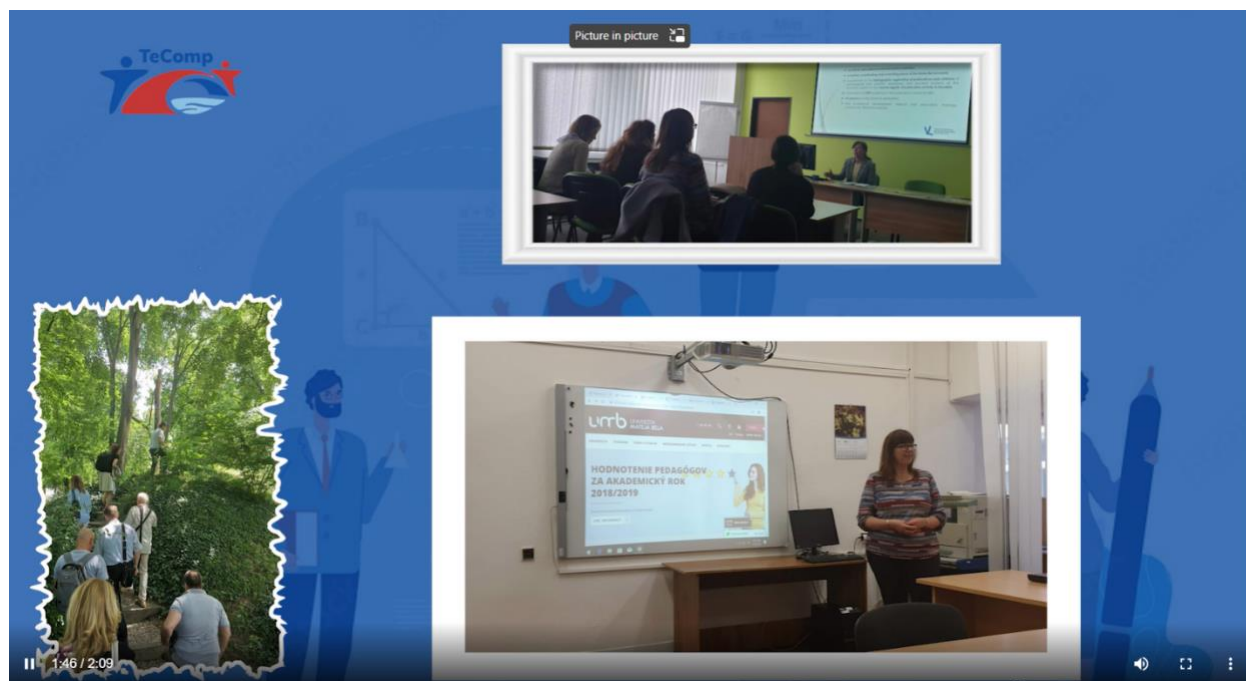


Dissemination recap

A promotional video containing all achievements of the project during the year 2019 has been made and uploaded to our official website.

(http://www.tecomp.ni.ac.rs/wp-content/uploads/2022/12/dissemination_recap_3.mp4)







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