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# NEWSLETTER

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ISSUE 3



## Our project has come to an end!

### OVERVIEW

### PROJECT RESULTS

### PROJECT MEETINGS

### LTTA

### MULTIPLIER EVENTS

This project was aimed to develop a curriculum on the subject of RE for preservice teachers studying in higher education in the context of the pre-defined needs of partner countries

The project ends on February, 27, 2024, so, in the last newsletter we will underline what we achieved and built during the project implementation.



ALL PARTICIPANTS, RESEARCHERS, TEACHERS, STUDENTS AND STAFF INVOLVED IN THIS PROJECT,  
THANK YOU FOR YOUR COMMITMENT AND ENTHUSIASM.

WE ARE PROUD OF THE COMMUNITY BUILD AROUND THIS PROJECT!

THIS PROJECT HAS BEEN FUNDED WITH SUPPORT FROM THE EUROPEAN COMMISSION.  
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## PR 03 Development of Assessment Tool for Preservice Teachers

With the aim of determining the development of the knowledge, skills, attitudes and values of the preservice teachers involved in the project, a reflective assessment tool was developed under the guidance of University of Maribor and with contribution from all project's partners.

The development has been completed for an assessment tool that encompasses not only a knowledge and skills test (evaluating critical thinking, systematic thinking, and STEAM, among others) but also includes scales revealing the progression of attitudes and values. Moreover, open-ended questions were included, contributing this way to reflective writing.

In teacher education studies, reflective thinking of teachers is very important in terms of their professional development. It is necessary to know to what extent the pre-service teachers' cognitive, affective and skill gains achieved in the project are obtained by the Self assessment tool. To have answers to all this a Need Analysis was conducted. The data provided information regarding the developmental levels of the participants.

This assessment tool will monitor the target group of the project, which will be followed by determining the knowledge, skills, attitudes and values of preservice teacher related to RE. This tool is also expected to be used by external users (different stakeholders, academics, teachers, preservice teacher).

## PR 04 Development of Online Platform Content. Best Practices Pool

Teacher candidates will have access to all project outputs such as curriculum, learning materials, self-assessment tool, etc. through the online platform. Likewise, PSTs can use their experience and knowledge about all PRs globally and locally. In line with this requirement, a case pool will be developed where experience, knowledge and solution suggestions are shared on the online portal.

The fact that the online portal will be digital will also contribute to digital competencies of project participants. Besides the participants, external users also need to have access to Renewteach project results.

By the help of the best practices pool in online portal PST in each of the partner countries digitally produce solutions for their local and global problems (PR4) will enable the role of STEAM disciplines and STEAM thinking to be discovered in the real-life context.

*For example, Mudanya is a city with a seashore. How to generate wave energy in this city? Experiments via software with various parameter.*

In this way, teachers and teacher candidates will gain positive attitude knowledge and skills by being interested in RE subjects locally and globally. They will also gain STEM thinking skills.

*For example, teacher candidates who want to do a best practices application about wave energy, the frequency and amplitude of the wave (Science), how many meters height, etc. Calculations (mathematics) such as what kind of wave pump (technology) will go the way of combining STEM fields in creating a system that designs all these together (engineering).*

Designing these applications in digital environment will increase their digital competencies. In this context, prospective teachers and external users (teacher, academician and adult) will gain knowledge skills and attitudes as well as STEM thinking skills in the context of RE.





# Project Meetings

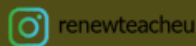
**Maribor, Slovenia**  
**3rd TPM, 20-21 of June 2023**

Agenda Topics: Status review; feedback from interim report; further discussions regarding sustainability and exploitation plans; work and planning on multiplier events; plans for project close protocols including final report. During the meeting, Partners worked on the draft PR3 and discussion on draft versions of PR4. LTTA preparations and selection of participants for the LTTA was an important item discussed by the partners



**Bucharest, Romania**  
**4th TPM, 31 of October -1 of November 2023**

Agenda Topics: Standing status review of PR1, PR2, PR3, PR4 including related indicators and results; in-depth discussion regarding results and impact; preparations and templates for multiplier event; concrete post-project sustainability and exploitation actions; final report status and actions; formal reflection and evaluation of project processes and results.



## Learning, Teaching, Training Activities

The purpose of the Renewteach Project is to produce PRs that improve pre-service teachers' knowledge, skills and attitude processes about RE. During LTTA, academics will undergo in-service training for PSTs. Participants for the LTTA activity will be selected according to criteria such as foreign language documents, grade point averages, gender equality, EU project experiences. Especially in the context of EU2021 Guide Higher Education, it aims at not leaving women behind in terms of skills and attitudes towards STEM. The number of participants is proportionally distributed according to the strength of the capacities of the institutions. Workshops will be held on how to use the outputs of the Renewteach project in their professional lives. Pedagogical development will be achieved by analyzing the micro-education process on the teaching record of an expert teacher on this subject. During the LTTA activity, prospective teachers from Slovenia, Romania, Turkey will share knowledge and experience and will enable new transnational collaborations.



# LTTA in images

hosted by Gazi University, Ankara



All participants, researchers, teachers, students and staff involved in this project, thank you for your commitment and enthusiasm.

**We are proud of the community build around this project!**



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## Multiplier events

A well-structured professional event to announce project result of the Renewteach Project to academicians, preservice teachers in education faculties, external people, related parties, chamber of commerce, industry(BTSO) and to increase the visibility and update of our results among the most relevant stakeholder organizations, was organized by each partner of the project.

Specific objectives of the Multiplier Events: **a)** to give an overview of the project and its results, thus creating knowledge and awareness on Renewable Energy (RE) in pre-service teachers and academicians their understanding of its importance. **b)** to understand the importance of RE in relation to science and engineering design and its relationship with STEAM. **c)** to share with the academicians, Chamber of Industry and Commerce and NGO representatives that the results of the project can create content for higher education policies and planned training for increasing public acceptance. **d)** to enable participants to interact directly with project result, so that they are aware of the practical tools (e-learning portal,best practice pool) that are now available for use. **e)** to get feedback on the results for the future work of the partnership or in order to improve results.

All the resources are available on the project's website, are translated in each of the consortium language: EN|TR|RO|SL|SP, and are downloadable.

Choose your language and visit the website: [www.renewteach.org](http://www.renewteach.org)

***Read them and let them be the inspiration you need! Enjoy your reading!***