

**Erasmus+ KA229 Integrating technology in the teaching process,
path towards building 21st century skills**

Zoom conference #1

27th January 2021 at 18:00 (Slovenian time)

Invited national teachers' teams:

Romania: Marius Buzera, Cristian Daniel Maria, Ramona Uscatescu

**Slovenia: Janez Klemenčič, Bernarda Trstenjak, Renata Capuder Mermal,
Rafaela Kožlakar, Vesna Fabjan, Gabi Dernulovec**

Portugal: Nuno Proenca, Carlos Caeiro, Sonia Arroz

Turkey: Çansu Ulutas, Ebru Bayram, Mehmet Ali Saris

Present: all, Turkish team was not successfully informed about conference as Çansu Ulutas and Ebru Bayram are not employed at school anymore. New project coordinator is Şeyma ENİŞER.

Topics of discussion:

1. **Current state of the project – reports and plans:**
Slovenia: all lessons are in distance learning, school website subpage, Ukraine conference report on the website, work on documentation;
Plans: report from Turkey on the website, eTwinning portal, ICT use research, contribution to Curricula and Guide.
2. **Romania**: some lessons in distance learning, new start of live lessons for whole school on 8th February, dissemination in media (9 events), 7 demonstrational lessons, 2 books in Romanian (Digital educational tools, Modern teaching strategies), [new project website](#) in Romanian;
Plans: 1 book chemistry research in Romanian, translation of some material in English, to split each category into more subcategories in the ICT use research.
3. **Portugal**: stop working for 2 weeks due to corona situation, collected new data and prepared new draft agenda for both type of LTTA4 – physical and virtual, buying fresh water aquarium for the project, [Hanna Backpack](#) will be used for water analyses;
Plans: continuous work on the program, the decision about virtual LTT after the Easter break.
4. **Turkey**: they didn't response on e-mails.

Suggestions:

Zoom conference with students – 1 class each country + Erasmus team of teachers: Friday 19th February at 12:00 Slovenian time. All participated teachers agreed that each country will prepare 3 or 4 short students' presentations about themselves and their involvement in the project for at least 15 minutes (5-10 minutes each student). Therefore, they will know better each other and will strengthen project affiliation. In the same time will be opportunity for filling up the questionnaire for students and teachers for later analyses. In March, we will continue with the Zoom workshop in the smaller international groups about specific project topics as the preparation on the LTTA4.

1. Guide chapters:

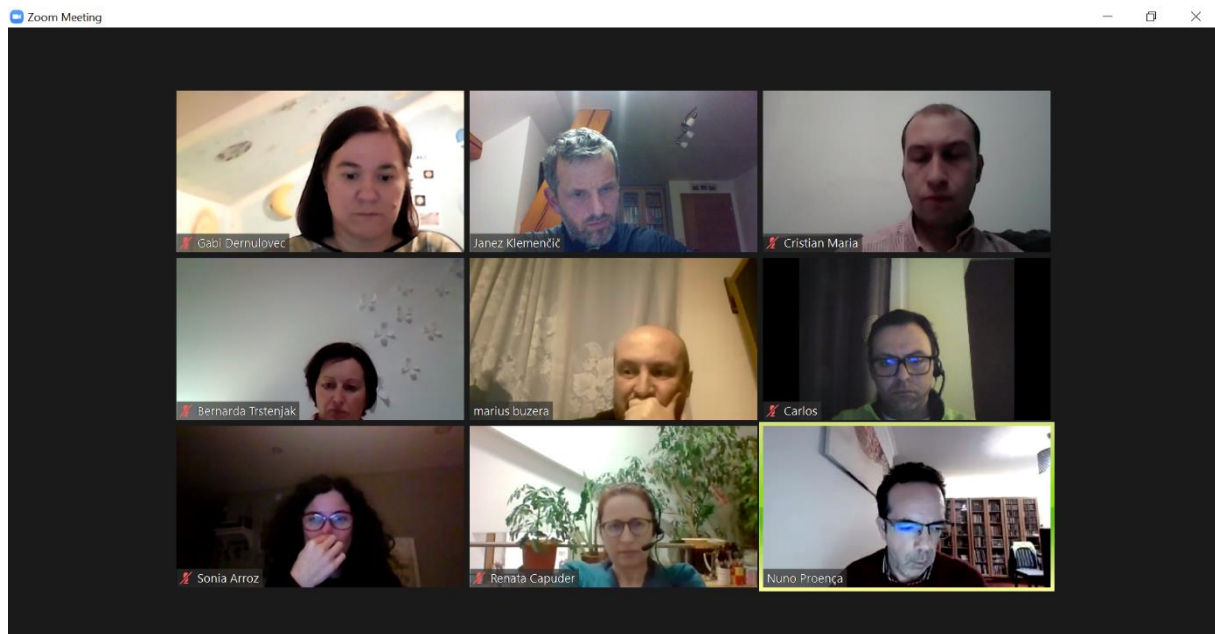
- The role of ICT in training The Competences of the 21st Century (is already written by Romanian team)
- Evaluation of the use of ICT in the teaching process at the level of a school unit (Slovenian team will edit questionnaires, Portugal team will do first analyses, Romanian team will do special analyses with KNN machine learning algorithm)
- Applications and software and hardware solutions used in the teaching-learning-evaluation process (Romanian team will partly translate their books and the use of JBL ProScan for water analyses, Slovenian team will describe the use of Nearpod application and mobile weather station, Portugal team will describe how to apply Hanna backpack in the aquarium and the external water surfaces)
- Basic modern teaching approach (Some parts of Romanian books will be translated)

2. Optional curriculum Modern methods of analysing the quality of environmental factors (focus water), preparing the learning units and teaching strategies for teaching:

- goals
- complete cases of good practice with hints for execution
- measurement tools (JBL ProScan, Hanna Backpack)
- description of learning strategies

3. Dissemination of results – discussion about the opportunities of the presentation of the project at the international conference.

The beginning of the conference:



The end of conference:



