



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

Skype conference report

18th November 2018

Attending:

- Marius Buzera, Romania (coordinator, leader of conference from Portugal)
- Nuno Proença, Portugal
- Janez Klemenčič, Slovenia
- Renata Capuder Mermal, Slovenia
- Salih Demirci, Turkey
- Mehmet Ali Sarisu, Turkey

Objectives of the project

- **OG. Implementation of ICT in 21st Century Skills in Environmental Protection**
- O.1. Assessing the current state of ICT use in the teaching process in partner institutions;
- O.2. Identify and knowledge of software and technology solutions that can be used in the teaching /learning / evaluation stages in order to acquire skills in line with the realities of the 21st century.
- O.3. Implementation of ICT for acquiring the skills of the 21st century by developing an optional curriculum that exploits transdisciplinarity in environmental protection.

Tasks and responsibilities of each partner

The project management will be lead of the Romanian partner, supported by the other partners.

All activities will be reglemented by procedures:

- procedure of communication – responsible (PT) persons, how often, application, monitoring, feedback
- procedure of students selection - responsible (SL), check school documents and compare with Romanian, special criteria in Portugal.
- monitoring the activities - responsible (RO),
- procedure of dissemination - responsible (TR),
- procedure of evaluation of the project activities – responsible (RO)
- procedure of risks and management and conflict negotiation – responsible (PT),

Main Results EAC PLATFORM FOR UPLOAD OF RESULTS

All project results will be aggregate into a **Good practices Guide on ICT implementation in transdisciplinary teaching of subjects**, which will include the following chapters:

- **Chapter 1 - The role of ICT in training The Competences of the 21st Century (TR)**
- **Chapter 2 - Evaluation of the use of ICT in the teaching process at the level of a school institution (RO) SELFIE, IMM, OWN QUESTIONNAIRE ON C1**
- **Chapter 3 - Applications , software and hardware solutions used in the teaching-learning-evaluation process (RO)**
 - **3.1 – Technology, connecting and interoperability problems RO DEVICE TO DEVICE CONNECTIVITY**
 - **3.2 - Software applications for the teaching process PT MINDMAP, TEAMWORKS**
 - **3.3 - Software solutions for the eLearning type of educational process SL MOODLE, NUNO SOLUTIONS, MOZABOOK (NOT FREE OF CHARGE), INTRANET, CISCO NETACAD**
- **Chapter 4 - Basic vs. modern teaching approaches- PT**
 - **4. Modern Methods of Environmental Quality Analysis (optional object) (PT)**
HOW INPLEMENT APPS IN LEARNING AND TEACHING ACT
 - **4.1. Assessing the quality of environmental factors based on physico-chemical indicators (RO)**
 - **4.2. Assessing the quality of environmental factors based on biological indicators (PT)**

First Meeting - Romania 14-19 January 2019

Slovenian obligations as leading institution: Certificates of attendances for all and Final report for all days

-the presentation of studies within each partner concerning the 21st century skills training and the role of ICT in their acquisition, how they are addressed to at partner level, at each country level, with references to national documents, the European Commission, studies and Eurostat statistics on the benefits of using ICT in skills training.

- presenting the Maturity Innovation tool to assess the degree of use of ICT in the teaching process to help schools assess their level of in ICT integration in the educational process.

-presenting offline software / online grouping based on their functional role: communication, interactive collaboration, mind map generation, investigation, design, simulation, test generation.