



## Report on the Workshop "How to design a MOOC?"

*an on-line LTT event from the Faculty of Chemistry and Chemical Technology, University of Ljubljana, Slovenia, from 17th to 20th February 2021*

The workshop with the title "How to design a MOOC?" was organized in the frame of the STEM-CPD@EUni project (2020-1-PL01-KA203-081802) and took place on-line from 17th to 20th February 2021. Albeit the event was initially planned to take place at the University of Ljubljana, Slovenia, due to COVID-19 restrictions it was organized online. The programme of the training event can be found at: <https://micromooocs.eu/moodle/course/view.php?id=2>

The main goal set for the participants was to achieve skills and competences to be able to develop and create microMOOCs for continuous professional development (CPD) of university lecturers. Additionally, they should be able to recognize the positive impacts of the use of such MOOCs in their institutions and to further spread their application among lecturers at other institutions. This was to be achieved *via* the following intended learning outcomes: (1) describing the pedagogical features of the MOOCs and how to avoid common pitfalls; (2) describing the principles of open publishing and issues connected to copy right and GDPR; (3) using H5P tool to create interactive video material that can be used in a MOOC; (4) defining an appropriate topic for CPD to develop a microMOOC for it; (5) designing a microMOOC for professional development of the university lecturers; (6) designing a microMOOC having an engaging and active learning approach.

At the workshop groups from the University of Amsterdam (The Netherlands), Jagiellonian University from Kraków (Poland), University of Ljubljana (Slovenia), Rey Juan Carlos University from Madrid (Spain), University Federico II from Napoli (Italy), and University of Oulu (Finland) together with ECTN were participating; generally 21 to 25 participants at each session. The programme was composed of four key-note lectures given by Prof. Dr. Paul Taylor (University of Leeds, UK), Prof. Dr. Andrew Parsons (University of York, UK), Prof. Dr. Marko Radovan and Prof. Ddr. Barica Marentič Požarnik (both University of Ljubljana, Slovenia). Additionally there were oral presentations and hands-on sessions by Mitja V. Iskrić and Sanja Jedrinović (both University of Ljubljana, Slovenia) and Nadya Stels (iSpring Solutions). The workshop was a learning and training event and a large amount of time was devoted to group work, discussions, and round table. At the end of the workshop short presentations by each group regarding their progress in designing their own microMOOCs were given. From these presentations and responses of the participants (in the form of answers to pre- and post-training questionnaires) it can be said that they have gained a huge amount of new knowledge in design and production of microMOOCs as well as additional confirmation regarding the importance and efficacy of MOOCs in teaching STEM disciplines and wider. To conclude, we can summarize that the Workshop was very successful. The majority of the participants expressed their high level of satisfaction with the event as well as their opinion to have successfully reached the intended learning outcomes of the workshop. All of the participating teams have made a good start on their microMOOC design and this will enable them to continue working on the elaboration of the design, development and finalization of their microMOOCs for continuous professional development in higher education.

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