

3DP TEACHER PROJECT

IMPLEMENTATION OF 3D
PRINTING IN FUTURE
EDUCATION

What has been done?

Near past

3DP Teachers' Guidebook (covering case studies, lesson plans with 3DP, recommendations on possible implementation) has been published.

The Innovative Teachers Environment (ITE) is a platform serving as a place for sharing knowledge, experience, ideas on 3DP technology, with potential to start community of 3DP teacher experts, which will help in future implementation of this technology. After drawing information from the questionnaires shared with 140 teachers, the ITE has been prepared and created.

The 3DM course has also been created. Two step-by-step tutorials on the development of a chosen 3D model have been developed. Both tutorials were then evaluated by all teachers in terms of ease of use and applicability to their needs. The participation of the target group helped to choose the most suitable software for the classroom environment. Once the software was chosen, the 7 best 3D models provided by the teachers (1 per country) were selected, and subtitled video tutorials describing the development of each of them were created.

One of the last activities of the IO2 is to offer a test for teachers to evaluate the 3DM course and the ITE platform environment to see if it adds value and improves the level of 3D modelling skills. Currently, this test has been created and translated.



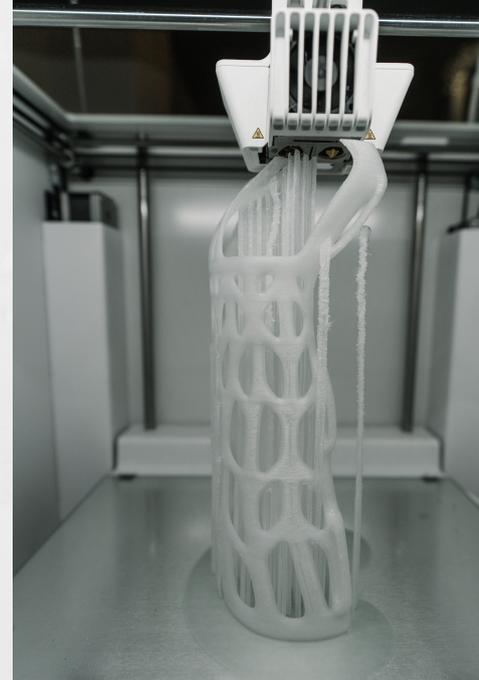
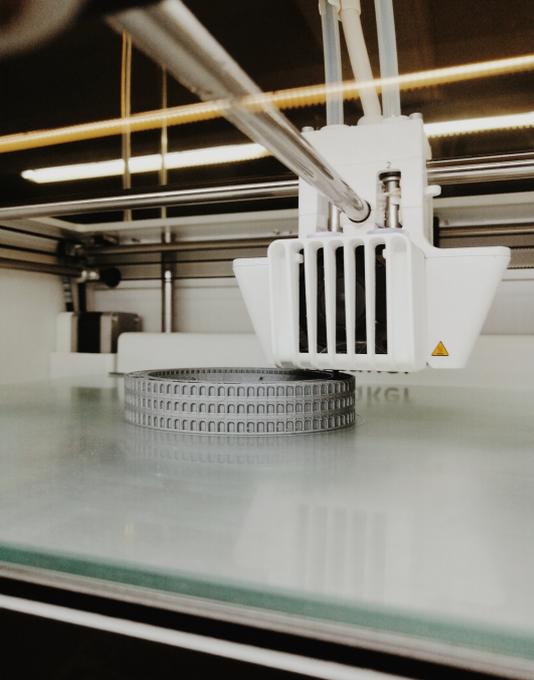
What is Next?

Near future

The next step is the Testing Plan, which consists of a detailed description of the whole testing procedure, which will be used within the 3DP Teacher project framework and under the scope of IO2 "Innovative Teachers' Environment (ITE)", specifically O2/A4: Testing and content development.

The purpose of this test is to evaluate the testing 3DM course and the ITE platform environment and to see whether it brings value and improve the level of 3D modelling skills. They will contribute to the further ITE content improvement and development by adding content such as comments, suggestions, recommendations, lesson plans, 3D models, movies or articles.

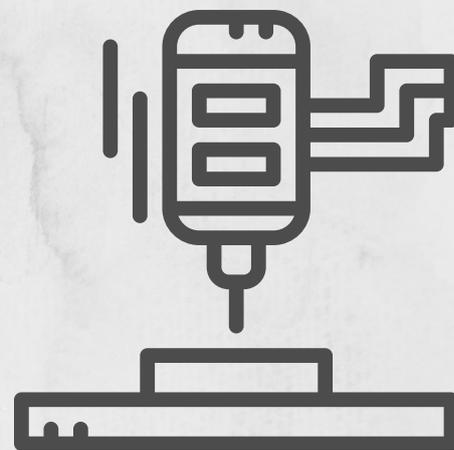
The test group will be teachers from secondary schools interested in innovations and development of their digital skills in teaching and other stakeholders (like school managers/directors, officials responsible for education), the potential target group in order to build a potential community of 3DP teacher experts.



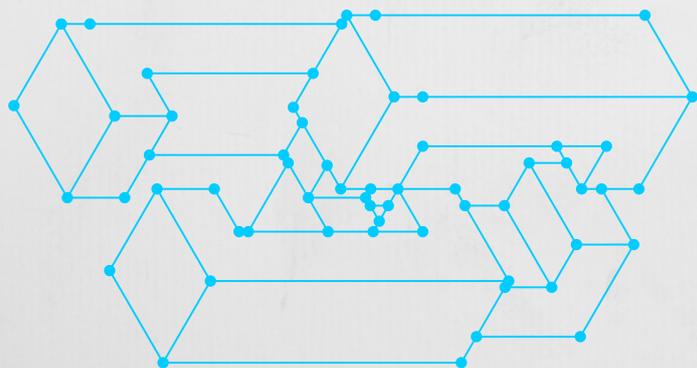
What is 3DP Teacher?

3DP Teacher is a project created with the aim to improve the digital competences of teachers in relation to implementing of 3D printing in education through the development of:

- 3DP Teachers' Guidebook.
- 3D modelling course for Teachers.
- Online environment for teachers interested in applying 3DP solutions.
- Initiation of the network of 3DP teacher experts.



The Consortium is working on the creation of content for the dissemination of the project, elaborating articles every month and maintaining the Social Media profile active.



3DP TEACHER - [Facebook](#)



3DP TEACHER