3DP TEACHER PROJECT

IMPLEMENTATION OF 3D PRINTING IN FUTURE EDUCATION
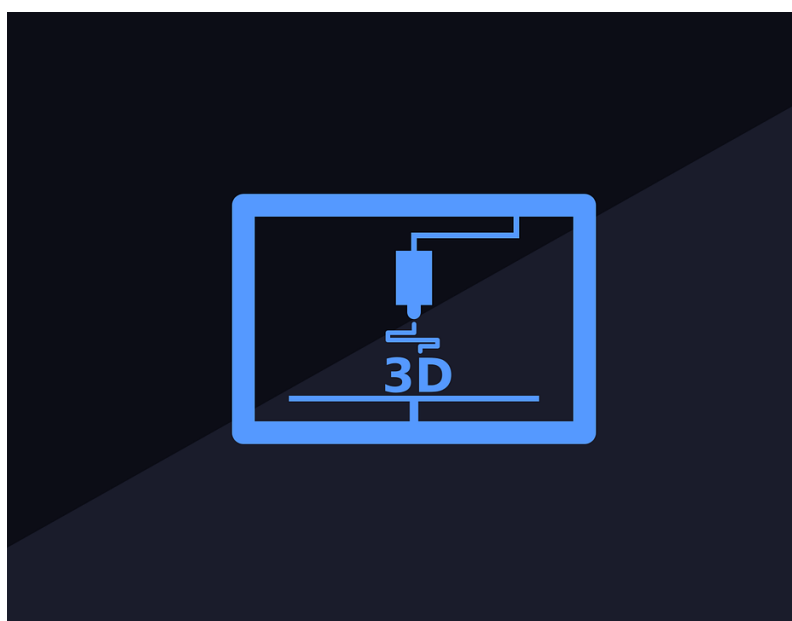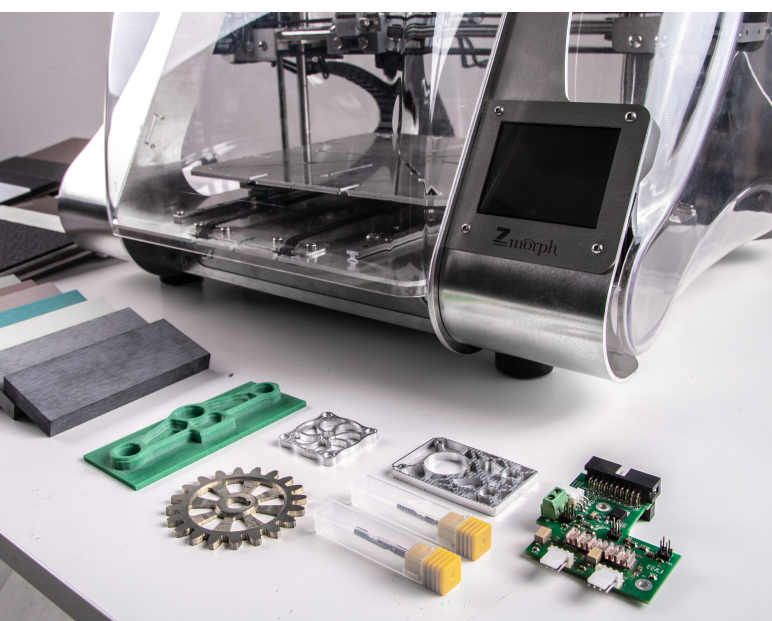
Current state-of-play of 3DP Teacher Project

The activities planned within 3DP TEACHER project lead to the formation of two intellectual outputs: "3DP Teachers' Guidebook" and "Innovative Teachers Environment (ITE)". The first one, including 3DP implementation, examples of good practices recommendations on methodology, hardware and software tips, as well as safety issues, is being developed and the activities for its finalization are carried on.

Currently, the Consortium started the first activities part of the development and implementation of the second key Intellectual Output, "Innovative Teachers Environment (ITE)".

What are the next steps?

The following steps are the activities for the creation of the "Innovative Teachers Environment (ITE)", an Intellectual Output that embraces actions and serves for the creation of international teachers' experts' community, sharing their experiences and ideas on how to enhance the teaching process with 3D printing and create relevant 3D models.

In addition, 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.

About the Project

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.*

What is a INNOVATIVE TEACHERS ENVIRONMENT (ITE)?

ITE will be 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. Network of teachers interested in the subject of 3D printing will serve as a base for platform users.

ITE platform will consist of the following sections:

- 3DP Teachers' Guidebook (IO1) – theoretical part of ITE.
- 3D Modelling Course (3DM) – a set of video tutorials implemented in all partners' languages.
- 3D models by teachers – teachers will have the opportunity to upload their own 3D models, and to use 3D models prepared by other teachers.
- Lesson plans/Recommendations – teachers will be able to upload the lesson plans and ideas on 3DP implementation.
- Database of teachers/schools interested in using 3DP – creation of future community of teacher experts in the area.
- Database of 3DP companies interested in cooperation with schools – interested in promoting 3DP in education.
- News – section to keep teachers and other stakeholders updated and aware of the 3D printing sector.

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