

Fostering Creativity and Innovation

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Welcome

Welcome to the second issue of the digital project news letter of the 3DP project. This issue will disclose the activities carried out by the 3DP project team as well as report on the decisions made throughout the last meeting which was hosted in Potenza, Italy. This issue also introduces another two partners participating in the project.: CAMIS UPB and GoDesk. The success story in this issue outlines how 3D printing is being introduced in the classroom to enhance student's learning experience and foster their creativity.

Project Objectives

The project aims to give people the opportunity to develop their skills in 3D printing and to acquire the knowledge that allows them to activate in this field, like employee, entrepreneur, trainer, intermediary, etc. This is especially so in Vocational Education Training which needs to be strengthened with 3D printing related learning material. The project is therefore addressed to organizations, companies and persons interested to use or to support others to use the 3D printing revolution, in various domains: industry, art, entrepreneurship, intermediation, law, politics, finance, etc. The partners will develop a 3D printing curricula and courseware, a trainer guideline and an e-learning platform. They will be available in 6 languages (English, Spanish, Italian, Polish, Romanian and Lithuanian), free and open to all.

Meet the 3DP Partners

The 3DP project involves 9 partners from the Romania, Italy, Malta, Lithuania, Poland and Spain. This issue introduces two partners from Romania and Malta.

CAMIS Center

University Politehnica of Bucharest, Romania



University Politehnica of Bucharest is the largest Technical University in Romania, with great expertise and bearing an essential role in the development of Higher Education in the country. One of its research and development centres, UPB-CAMIS, has a vast experience and expertise in ICT technologies for innovation and creativity in Engineering, these concepts being taught to students for several years. The academic and technical staff of CAMIS centre has experience in CAD/CAMD and ICT technologies. Among other things, our expertise lies in the following fields: European & International Cooperation activities, Additive Manufacturing and Augmented Reality.

GoDesk

Potenza, Italy



GoDesk is a co-working and innovation space, placed in Potenza. GoDesk is a shared workspace designed to inspire, to cut down fixed costs of companies and professionals, to promote exchanges among co-workers, clients, to improve their skills and knowledge in a way to stimulate innovation. Designed to run ideas into affordable and sustainable manner, GoDesk is also very active as business accelerator as it offers a unique ecosystem of resources, inspiration, and collaboration opportunities. GoDesk is developing also a INCUBATOR programme providing startups with workspace and business development services – including accounting, branding, and intellectual property training – in a rent-based model offered to young ventures in a custom package.

Success Story: Enhancing Education with 3D Printing

With the constant technological development and globalization of our world, many professions have to keep up with these changes. The implementation of new approaches as well as learning materials is a necessity as the society does not stand in one place. One of such devices that can take a decent place in the modern classrooms is a 3D printer. This comparatively new thing can become a real boost for Science, Technology, Engineering and Manufacturing (STEM) subjects. Naturally, STEM subjects are closely connected with measuring, designing, building etc. No wonder a 3D printer will be a great addition as well as a visual assistant for them. For example, at the math lessons, they can use their knowledge of geometry and measuring skills to build a proper



2nd Project Meeting



The second meeting between the project partners was hosted by GoDesk in Potenza Italy. Throughout the meeting partners had the possibility to present the activities that were carried out since the last meeting. The discussions focused on the challenges related to the evaluation dissemination and exploitation of project outcomes.

A presentation of the first progress report that was sent by the project partners was also presented and discussed during this meeting.

Throughout the project meeting partners had the opportunity to visit the GoDesk premises where the CEO of the company, Mr. A. Imbesi presented the activities carried out by GoDesk.



thing, while any new hand-made piece of art can be now substituted with a 3D model created by the printer. Any item that can be held in the hands is a much better visual aid than simple images. You can not only see but also feel the shape, size, unique structure of the item and it carves in the memory for a longer period of time if not forever. There are schools that even printed the 3D map of the campus for students to orient better. Giving students the opportunity to create a real-life model allows them to better understand abstract and complex concepts in science and mathematics which may otherwise be difficult to grasp.

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Project Partners

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Iasi, Romania



CAMIS Centre

Bucharest, Romania



MECB Ltd.

Iklin, Malta



**Public institution
Information Technologies
Institute (ITI)**

Kaunas, Lithuania



**Centro de Formación
Somorrostro**

Muskiz, Spain



Danmar Computers

Rzeszow, Poland



**Liceul Teoretic de
Informatica „Grigore
Moisil” Iasi**

Iasi Romania



GoDesk

Potenza, Italy



Northern Lithuania College

Siauliai, Lithuania



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