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Project Partners

European Development Agency (EuDA) (Project Coordinator)

Prague, Czech Republic

Ludor Engineering

Iasi, Romania

Macdac Engineering Consultancy Bureau Ltd (MECB)

Iklin, Malta

Social Innovation Fund (SIF)

Kaunas, Lithuania

Strojarska Tehnička Škola Fausta Vrančića (STSFV)

Rzeszow, Poland

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Enhancing EU Employability by Adult Training in 3D Printing

Co-funded by the Erasmus+ Programme of the European Union

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Issue #

3D Printing in Adult Learning

In this issue

Welcome

Welcome to the first edition of the 3D-HELP project newsletter. This issue will provide an update on the project intellectual outputs, following the second meeting which took place in Romania. This news letter will also give insight on the project partners. This edition will introduce the first two partners: EuDA from the Czech Republic, who is also the project coordinator of 3D-HELP, and MECB Ltd. from Malta. Each newsletter will introduces the reader with interesting facts about 3D printing and how it is used in the real world.

The range of possibilities which 3D printing provides is almost limitless. However, one area where 3D printing has yet to make a difference despite the potential of fulfilling many needs is within the educational systems. The 3D-HELP project sets to help Adult Education providers to incorporate 3D printing as part of the curriculum.

Project Objectives

The main aim of the project is creating innovative curricula, course content and e-learning platform, that focus on the revolutionary technology of 3D printing. These resources will equip adults with specific skills related to ICT, engineering and technology and they are free and open for everyone.

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Meet the 3DP Partners

The 3DP project involves 5 partners from the Czech Republic, Romania, Malta, Lithuania, and Croatia. This issue presents two partners: EuDA and MECB Ltd.

European Development Agency

Prague, Czech Republic

European Development Agency (EuDA), established in 2008, is a private company acting as a head of an EU-wide network of institutions and experts in education, innovation and regional development. EuDA provides state-of-the-art international expertise for public, private, non-profit and academic sectors through educational activities, international transfer of know-how, networking of key stakeholders and through development and implementation of projects on regional, national and transnational level.

Macdac Engineering Consultancy Bureau Ltd

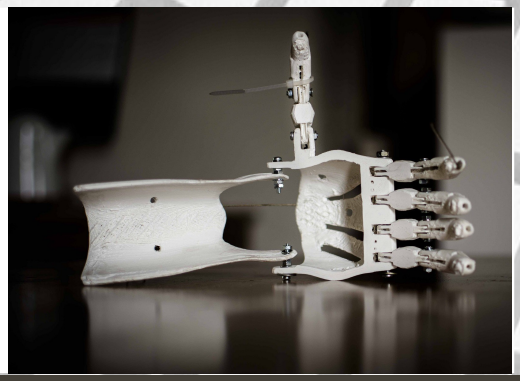
Iklin, Malta

MECB Ltd is a Malta based Excellence Consulting Bureau, dedicated to driving excellence & innovation support through the provision of relevant, multidisciplinary, high-quality:
technical consulting services; research and training services; EU project partnering services.
The staff members are experienced in a range of fields as relevant from scientific publications and/or past projects. These include 3D Modelling & Printing, Augmented Reality, Technological Entrepreneurship, Innovation & Creativity Methods; Sustainable Development, Life-long learning, e-Learning. MECB has direct experience of participating in a range of EU projects & tenders including LLP Grundtvig, Leonardo da Vinci, Erasmus+, FP6/7, EEA and KA2.

Did you know?

Did you know that the first 3D printing process was the stereolithography. This process was invented back in the 1980's.

Did you know that 3D printing is used in the medical field? Fully customized prosthetic arms and hands are being developed. Also, research is progressing into creating artificial organs.



2nd Project Meeting

The second 3D-HELP Transnational Project Meeting was held in Iasi, Romania between the 3rd and 4th of May 2018. The meeting was hosted by the project partner Ludor Engineering, and during the meeting the partners presented the tasks that have been carried out in the previous months (just after the kick-off meeting) and the task to be completed until next transnational meeting, which will take place in Zagreb, Croatia.

The 3D-HELP team produced sixteen 3D printing case studies showing how 3D printing can successfully be taught in adult education. The goal was essential to acquire information for the next steps of the project and also, to provide inspiration for anybody interested in using 3D printing in Adult Education.

Through the project's deliverables, both adult trainers and adult learners will gain from it, irrespective of their educational background.

Based on the partners' experience and on preliminary studies carried out, the desirable characteristics for the guidelines were defined. The initial guidelines for both adult trainers and adult learners were developed in such a way that allows the adults to learn at stages appropriate to them. Furthermore, a glossary of terms that will be used in the training material was listed in order to provide a reference to frequent terms that are used in the 3D printing. These guidelines will be used as a foundation for an original curriculum targeted at engaging both adult learners and adult trainers to learn 3DP, and then to develop the course material which is to be translated into e-learning content in different languages. Finally, the training material will be made openly available to the target groups across Europe.

The project partners have also agreed that the third transnational meeting will be held in Zagreb, Croatia on the 8th and 9th of November, 2018.

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