Fostering Creativity and Innovation

In this issue

Welcome

Welcome to the first issue of the digital project news letter of the 3DP project. 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. It is addressed to organizations, companies and persons interested to use or to support others to use the 3D printing revolution, in various domains including education, industry, art, entrepreneurship, intermediation, law, politics and finance.

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.

Ludor Engineering (Project Coordinator)

Iasi, Romania

Ludor Engineering is a Romania based engineering company dedicated to providing comprehensive services in product development, mechanical engineering & design, 3D printing and prototyping. Our capabilities cover a wide range of services, from concept, prototyping to mass production and beyond. Ludor Engineering is equipped with SLA and FDM 3D printers, 3D scanner, urethane casting and more, plus a team of engineers who thoroughly understand the materials and processes.

MECB 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 & training services and EU project partnering services. MECB can provide technical support in a number of areas requiring professional expertise and competence. MECB has been instrumental in providing professional training and on-site mentoring services to a number of organizations both Malta and across Europe.

Success Story: 3D Printing Enabling Innovative Design

Hands-on 3D printing helps students better understand complicated design theories. What used to be abstract ideas can now be demonstrated with 3D printed components customized for tailored training. 3D printing also unleashes students' creativity in their research projects and in international competitions, including the SIAM Automotive Challenge in India, the I-Design Award and Red Dot Award in Germany. For the Red Dot Design competition, students had to build a two-in-one vehicle, that provides shelter and carried goods for rock climbers on difficult climbs.

This publication reflects the views only of the author and the Commission cannot be held responsible for any use which may be made of the information contained therein. Project No. 2016-1-RO01-KA202-024578

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

Malta Kick-Off Meeting

The first meeting between the project partners was hosted by MECB Ltd. in Malta. The meeting enabled the project partners to introduce their organisation and outline their interest and motivation in this project.

Throughout the meeting the project partners discussed a variety of topics which contribute discuss the key intellectual outputs and how these fit within the project time line.

The project partners also discussed planned dissemination and exploitation activities that will take place by each partner throughout the project life. During their visit, project partners also had the opportunity to visit the state-of-the-art rapid prototyping labs at the University of Malta.

The team was inspired by a gecko's feet that use tiny hairs and intermolecular forces to stick to surfaces. Rather than use traditional methods like CNC machining, the team used CAD and 3D printing to prototype multiple designs. The team 3D printed a functional, concept model with little lead time. After rounds of test prints and iterations, the vehicle design was finalized, detailed with laser-cut accessories and painted with a canvas-like texture.

Source : https://goo.gl/V4CN0k
Access Date: 24th January , 2017

Project Partners

Ludor Engineering (Project Coordinator)

Iasi, Romania

LUDOR ENGINEERING

CAMIS Centre

Bucharest, Romania

CAMIS Research, Development and Innovation Excelency

MECB Ltd.

Iklin, Malta

mecb Ltd.

Public institution Information Technologies Institute (ITI)

Kaunas, Lithuania

ECDL Lithuania

Centro de Formación Somorrostro

Muskiz, Spain

somorrostro centro de formación / irakas-gunea

Dan Mar Computer

Rzeszow, Poland

DANMAR COMPUTERS

Liceul Teoretic de Informatica „Grigore Moisil" Iasi

Iasi Romania

Computer Science High-School „GRIGORE MOISIL" Iași

GoDesk

Potenza, Italy

GODESK

Northern Lithuania College

Siauliai, Lithuania

ŠIAURĖS LIETUVOS KOLEGIJA NORTHERN LITHUANIA COLLEGE

Keep in Touch

@3dprintingeu

www.3d-p.eu

www.facebook.com/3DP.EU/

https://issuu.com/3dpproject

Project No. 2016-1-RO01-KA202-024578

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