Develop Engaging Massive Open Online **Resources for** Designers Innovative Education

Project No. 2020-1-PT01-KA202-078850

DEMO OR DIE aims to promote Open Access to Online Training in the 3D Printing field by introducing "non-manufacturing" professionals and other potential professionals (students from Vocational Education and Training and Higher Education) to embrace digital technologies.

DEMO OR DIE OBJECTIVES ARE TO:

Promote inclusive and open access to 3D online training through an online curriculum in 3D printing, design and operations of desktop 3D printers.

Increase the level of knowledge and skills for becoming proficient and confident in 3D printing.

Faciltate the understanding on 3D printing benefits, limitations and growing challenges.

Support other sectors and health professionals in understanding 3D printing benefits and potentialities.

Introduce youngsters to adopt to multi-skilled technological careers in industry.

Facilitate the continuity of education through remote learning.

PROJECT ACTIVITIES

DEMO or DIE
Develop Engaging Massive Open Online Resources for Designers Innovation Education

- Mapping of 3D printing Design Software Functionalities;

- Development of Online Course/Modules addressing from Design Rules, Materials Characteristics to Process Applicability, among other contents;

- Development of Innovative and Interactive Learning Activities for Design;

- Development of Online Assessment Tools;

- Analysis and Adaptation of existing Platforms to accommodate the developed Learning Units and Tools;

- Trainers' capacity building regarding Online Course/Modules on 3D Printing Design, training materials and assessment tools;

- National dissemination and testing events to promote DEMO or DIE results;

- European Conference to promote the project results and engagement with key stakeholders from 30 EU Countries.

EXPECTED RESULTS

- Database containing Common Design Software Functionalities (EN);

- E-learning Online Course / Modules on 3D Printing Design (EN/ES/PT/GR);

- Set of Interactive Online Learning Activities (EN/ES/PT/GR);

- Set of Online Assessment Tools for 3D Printing Design (EN/ES/PT/GR);

- Set of Adapted Learning Platforms containing the developed interactive tools for 3D Printing (EN).

PROJECT PARTNERS

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