



NEWSLETTER ISSUE 3



MAIN PROJECT INFO

Title: Specialist in 3D printing - specialized training in application of 3D printing and practical use of acquired knowledge

Acronym: 3DSPEC

Contract: 2016-1-PL01-KA202-026335

Duration: September 2016 - August 2019

Coordinator: KOMAG

WELCOME

Welcome to **the third 3DSPEC newsletter** which will provide you with the most important information and latest news regarding the **3DSPEC project**.

THE MAIN OBJECTIVE of the 3DSPEC project is development of a comprehensive **on-line C-VET course on 3D printing** which provides knowledge and skills necessary for application of this technology in areas like: **design, education and health care** as well as in sample **activities conducted by SMEs**.

Detailed information on the 3DSPEC project – activities, events, products etc. you can find on the **project website www.3dspec.eu**.

We hope you'll find the project and its products interesting and useful in your professional practice, and beyond.

3DSPEC Team

WHY 3DSPEC PROJECT?

3D printing technology becomes more and more **popular** and **cheap**, and covers **an increasing number of areas**, giving **new opportunities**.

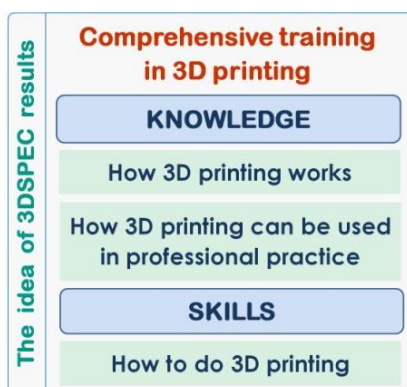
Mastering of 3D printing and its **application in professional practice** became **recommended and expected**. This situation has caused a **need for training** providing knowledge and skills necessary for use of **3D printing in particular professional activities**.

THERE IS LACK OF ACCESS TO PROPER C-VET TRAINING ON 3D PRINTING. Despite increasing 3D printing's popularity and affordability, **there are no comprehensive courses** that **explain** the technology and provide **examples of its use** in work practice in particular professions, and also:

- ◆ are available **on-line** (proper accessibility)
- ◆ give trainees opportunity of **practical use** of acquired knowledge by **hands-on 3D printing**, despite not having necessary hardware and software by them.

3DSPEC PROJECT AIMS TO FILL THIS GAP by:

- ◆ development of **3DSPEC course**: a **free**, comprehensive **online C-VET** course on 3D printing, intended **for professionals** operating in **education, design, health care**, and in **SMEs**
- ◆ **Internet platform for ordering of 3D printing and 3D printing centre**: solutions for **practical use** of 3D printing **by the trainees**.



PROJECT CONSORTIUM

3DSPEC IS A COMMON EFFORT OF:

- ◆ KOMAG: Institute of Mining Technology KOMAG, Gliwice, Poland – **is the coordinator**
- ◆ PCKZIU: District Centre for Vocational and Continuing Education, Wodzisław Śląski, Poland
- ◆ IBV: Biomechanics Institute of Valencia, Spain
- ◆ EXOVITE: Exovite Hermo Medical Solutions, S.L., Saragossa, Spain
- ◆ SCV: School Centre Velenje, Slovenia.

There are **5 partners** from **3 different countries**, among which there are two **research institutes**, two **vocational schools** and one **SME**.

NEWS: DISSEMINATION OF THE PROJECT RESULTS

- ◆ 13 April 2018 - **MULTIPLIER EVENT** hosted by **SCV** was held. Place: Intercompany Training Centre, Velenje, Slovenia.



- ◆ 13 April 2018 - The 3DSPEC project was promoted by PCKZIU during the **IV County Competition in Technical Knowledge and Occupational Health and Safety**. Place: PCKZIU, Wodzisław Śląski, Poland



The competition was a common effort of the County Teachers Training Centre and PCKZIU. Patronage to the event was given by the Chamber of Commerce in Wodzisław Śląski.

NEWS: LEARNING ACTIVITY

- ◆ 09 - 14 April 2018 – The third **SHORT-TERM STAFF TRAINING EVENT** within the project was held. Place: SCV and Faculty of Polymer Technology, Slovenia.



SCV was the host of the event, and representatives of **KOMAG and PCKZIU participated**. The learning activity was carried out in SCV facilities in Velenje and in the Faculty of Polymer Technology in Slovenj Gradec. Its **aim** was to enrich the participants' knowledge and skills regarding **3D printing and 3D scanning**.

CURRENT ACTIVITIES

Now **we are working on** development of:

1. the **e-learning platform** with the **3DSPEC course**
2. the **Internet platform** which will enable to produce 3D printouts in the 3D printing centre.

CONTACT INFO

Project Coordinator:

Dariusz Michalak, Ph.D., KOMAG

e-mail: dmichalak@komag.eu

3dspec@komag.eu

www: www.3dspec.eu

Facebook: www.facebook.com/3dspec/