



## NEWSLETTER ISSUE 2



### 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 second 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](http://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**.

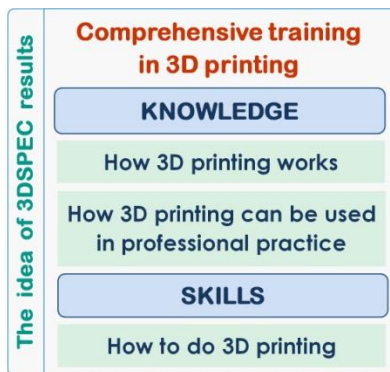
**Mastering of 3D printing** and its **application in professional practice** became **recommended and expected**. This situation has caused a **need for training** providing knowledge and skills necessary for use of **3D printing in particular professional activities**.

**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 **freely accessible, 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

- ◆ 20.10.2017 - **MULTIPLIER EVENT** within the **3DSPEC** project was held and hosted by **IBV**. It took place at the **48th National Congress of Podiatry in Salamanca** (Spain) Place: Palacio de Congresos y Exposiciones de Castilla y León, Salamanca, Spain



- ◆ 03-05.10.2017 - The 3DSPEC project was promoted by **EXOVITE** during the **conference IN(3D)DUSTRY From Needs To Solutions 2017**. The conference is an annually held event. It is known as one of the world's largest 3D printing conferences. Its overall mission is to bring additive manufacturing (AM) solutions to real manufacturing challenges. Place: Fira de Barcelona, Barcelona, Spain.



Presentation performed by EXOVITE

- ◆ 11-12.05.2017 - The project was promoted by **IBV** during **SOTOCAV Congress**. The congress is an event annually organized by The Valencian Society of Orthopaedic Surgery and Traumatology. Place: Alicante, Spain.



## NEWS: LEARNING ACTIVITY

- 04-08.12.2017 - a **SHORT-TERM JOINT STAFF TRAINING EVENT** hosted by **PCKZiU**.

During the event representatives of **KOMAG** and **SCV** participated in workshops which enriched their knowledge and skills regarding 3D printing. Visit in **PREVAC** – a company specialized in high vacuum solutions - was also held during the event.

The workshops were **visited by VET students and teachers** from school with which PCKZiU cooperated within other projects.



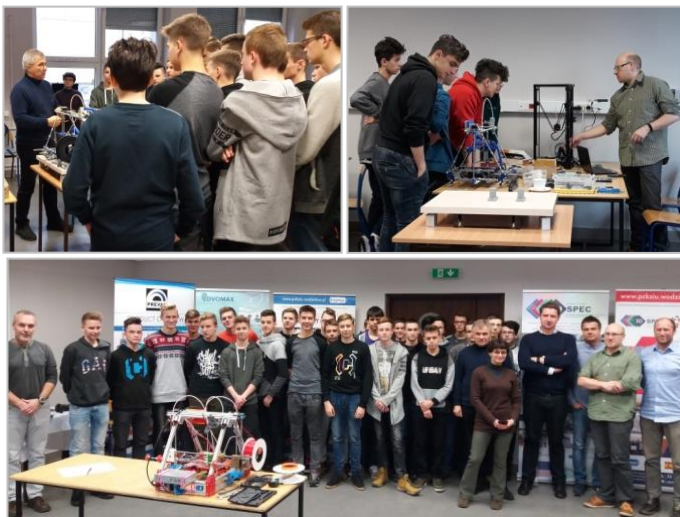
All participants of the workshops



Workshops of 3DSPEC project partners in 3D printers assembly



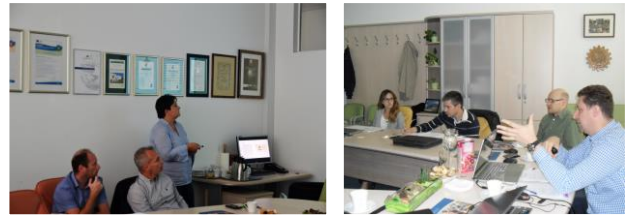
Visit in PREVAC company



Guests visiting the 3DSPEC project partners' workshops in 3D printers assembly

## NEWS: PROJECT MEETING

♦ 21.09.2017 - **PROJECT PROGRESS MEETING** was held and hosted by **SCV**. Place: Velenje, Slovenia.



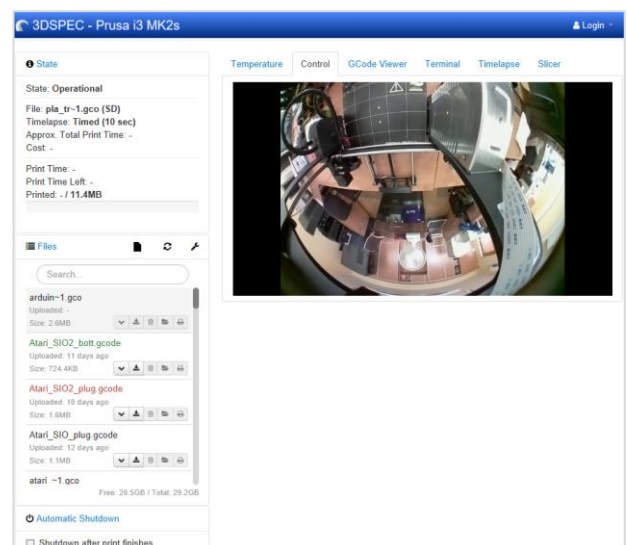
## CURRENT ACTIVITIES

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

1. Materials and training contents.
2. Platform for 3D printing.

**Materials and training contents** are created **based on the course curriculum** developed in first stage of the 3DSPEC project.

Regarding **platform** for 3D printing, **concept** of the software is already created and **implementation activities started**.



Screenshot of the Internet platform for 3D printing

## CONTACT INFO

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