



## NEWSLETTER #2

### PROJECT DEVELOPMENTS: GOOD NEWS

**The framework related to conditions to implement the digital manufacturing program study** in terms of the learning outcomes and competences (professional and transversal) as well as the elaboration of the curriculum (disciplines, number of hours for theoretical and practical training, ECTS) and the minimal requirements of the human and infrastructure resources **is ready**.

This framework addresses the newest requirements of the fourth industrial revolution and will be designed to be in line with Bologna regulations. Consequently, a high transferability potential is foreseen, and other higher education institutions can implement or adapt and the digital manufacturing program study in their educational offers.

### DISCIPLINES

Digital measurement systems for sensing and monitoring applications.
Robot systems in joining processes.
Quality Assurance and Quality Control in Additive Manufacturing
Post-Processing for Additive Manufacturing
Rapid Tooling for competitive AM
Mixed Reality Lab
Design of digital manufacturing
Computer modelling and simulation.
Energy systems
Directed Energy Deposition (DED)-Arc Process
Directed Energy Deposition (DED)-Laser Beam Process
Powder Bed Fusion (PBF)-Laser Beam Process (EWF)

The project partner's team entered the second phase of the project designing and developing the training materials, which will be crucial for the Europe's industrial renewal.

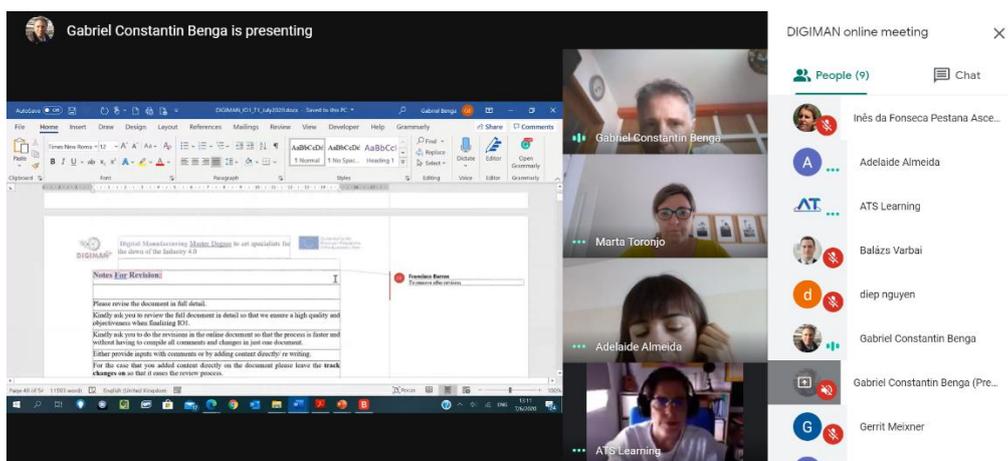
The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.  
ERASMUS + KA2: 2019-1-RO01-KA203-VET-063486



## DIGIMAN PARTNERS' VIRTUAL MEETING: MEETING IN COVID-19 TIMES

Since the beginning of the pandemic, partners start to meet online in the digital world, using different platforms. Although communication is more critical and demanding to keep the attention of all the participants and to enable a more intense and fruitful discussion, we were able to conduct these meetings successfully.

Some topics covered in these meetings were related to dissemination and budget transfer. Structure and contents of the course were also covered.



## PROJECT AMBITIONS

DIGIMAN project aims at the development of an innovative master's degree in Digital Manufacturing. This Masters shall tackle the identified needs in terms of qualified personnel moving towards the 4th Industrial Revolution, Industry 4.0.

This project envisages to reduce skills shortage and mismatches in the Digital manufacturing sector, supporting the sector growing demand and supplying the needed knowledge and skills.

The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.  
ERASMUS + KA2: 2019-1-RO01-KA203-VET-063486



## NEWS AND FORTHCOMING EVENTS

- News and updated information, regarding the activities and results obtained by the DIGIMAN consortium, will be posted onto the project's website: <http://digimanproject.eu>;
- Forthcoming events will include workshops organized by the consortium, such as the DIGIMAN Workshop organized in October 2021, in connection with The 15th International Conference on Modern Technologies in Manufacturing (MTeM 2021) - <https://mtem.utcluj.ro/> • Depending on the international travel restrictions caused by the COVID-19 pandemic, this DigiMan Workshop will be held face to face in Cluj-Napoca (RO), or it will be a virtual workshop, where the presentations on “Digital manufacturing” will be given online, by the DigiMan partners and invited speakers.

