



# NEWSLETTER #1

## ABOUT DIGIMAN

### DIGIMAN PROJECT AIM

The main objective of the project is to elaborate a Master Programme Study framework related to digital manufacturing to meet the needs and challenges of Industry 4.0 and therefore to improve the performance of the companies dealing with digital manufacturing in terms of competencies of the human resource.

This innovative program will encompass all relevant Industry 4.0 technologies, covering the most known and used technologies as well as case studies from stakeholders' Platforms/technologies, resulting in a digital transformation of the education process, from teaching to learning and assessing.

### EXPECTED OUTCOME:

The outcomes of the DIGIMAN project can be summarized as follows:

1. Guideline to align requirements of industry 4.0 to existent and designed digital technologies

This outcome is intended to evaluate the requirements of the Industry 4.0 concept for industrial engineering field, to evaluate main digital technology for manufacturing in order to put in line requirements with existent technologies.

2. Document containing all data required to apply the proposed master's degree course

This outcome will provide the framework related to conditions to implement the digital manufacturing programme study, 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.

### 3. Elaboration of lessons materials, teaching notes and examination system

This outcome will be represented by the elaboration of lessons materials which will be taught to the students, the teaching notes for teachers and an examination system consisting of a database with questions and answers.

### 4. Elaboration of DIGIMAN - Learning Management System

This outcome will produce an innovative learning management system consisting of an online Platform to assist the management of the Digital Manufacturing MSc and work as a repository of its contents. It includes features related to student's registration, teaching notes, lessons materials, study cases for theoretical and practical training and students' progress and assessment.

### 5. PROMOTION of new innovative programme study to industry stakeholders and HEIs

This outcome will raise awareness of the industry stakeholders and other HEIs about the new proposed master programme study providing competencies in digital manufacturing.

## DIGIMAN PARTNERS' KICK OFF MEETING

This one and a half day meeting was hosted by Craiova University, in Craiova (Romania), on the 13-14th of November 2019, where DIGIMAN partners gathered to meet each other and to discuss the steps to take towards the development of the different activities.



### DIGIMAN project kick off Meeting (Craiova, Romania)

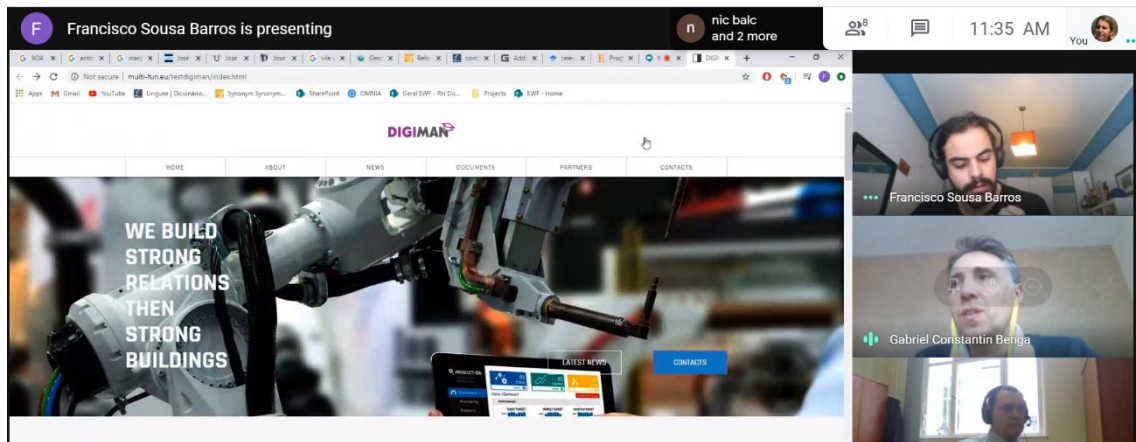
## ONLINE MEETINGS

Because of the COVID-19 pandemic and the resultant lockdown, *DIGIMAN project consortium had to adapt the presential meetings to digital ones. This also gave the opportunity to test other ways of working.*

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During the confinement period 3 meetings were carried out using ZOOM platform. These occurred in the following days: 8th of May, 29th of May and 15th of June 2020. The online meetings allowed to analyse the progress of the tasks and the status of the remaining actions to be addressed and also to plan the next steps to be taken.



## PROJECT PARTNERS

The DIGIMAN consortium consists of seven partners from six countries (RO, HU, DE, SP, BE, and PT) with proven experience in both higher education and training. Five universities (University of Craiova, Technical University of Cluj Napoca, Budapest University of Technology and Economics, Instituto Superior Técnico from the University of Lisbon, and Hochschule Heilbronn) among the consortium partners have a solid background in providing education at both Bachelor and Master level whilst the other two partners (Augmented Training Services and European Welding Federation) are reputable organizations offering various training programmes in terms of augmented reality, real-time advanced immersive simulation, e-learning as well as providing harmonised regulations for the education and training of personnel involved in welding, joining and related technologies.



## MORE NEWS

DIGIMAN PROJECT WEBSITE is ready!

To keep update with project latest updates and results please access at <http://digimanproject.eu/test/index.html> for more information

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