EIT Manufacturing is supported by the EIT, a body of the European Union

# ManuLearn

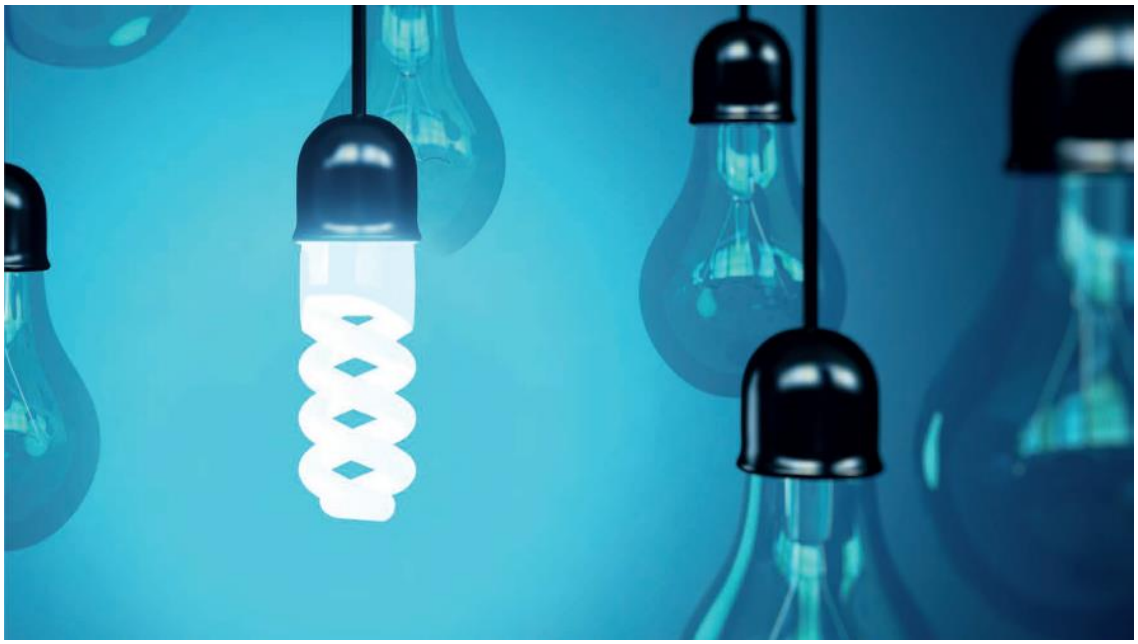
## Learning through manufacturing challenges


ManuLearn aims to enhance the innovation capacity or the participating EIT RIS countries by improving their educational framework and by boosting their digital capabilities in order to face the future manufacturing challenges. In this framework, the activity aims to deliver a program where students, researchers and companies will work together to mutually develop skills through co-creating solutions to industrial manufacturing challenges; combining Teaching Factory (TF) and Learning Factory (LF) concepts with Open Innovation practices, addressing the demands of both students and professionals.

This will be achieved through a collaborative network, facilitating the exchange of industrial challenges and providing novel solutions, bringing together academia and industry. Each challenge along with the knowledge generated will be shared with the complete network, creating value across all participating EIT RIS countries.

- Pillar: EIT Regional Innovation Scheme
- Leading organization: University of Patras Laboratory for Manufacturing Systems and Automation

- Flagship: Platforms for Digitalized Value Networks.



# Main Goals

The main goal of the project is to enhance the innovation capacity or the participating EIT RIS countries by improving their educational framework and by boosting their digital capabilities in order to face the future manufacturing challenges. According to the Digital Economy and Society Index (DESI) 2018, all the EIT RIS countries addressed by the project show a lower performance than the EU average regarding advanced digital skills and development and lower integration of digital technology in companies than the best performance countries.

In this framework, the activity aims to deliver a programme where students, researchers and companies will work together to mutually develop skills through co-creating solutions to industrial manufacturing challenges; combining Teaching Factory (TF) and Learning Factory (LF) concepts with Open Innovation practices, addressing the demands of both students and professionals. This will be achieved through a collaborative network, facilitating the exchange of industrial challenges and providing novel solutions, bringing together academia and industry. The network will comprise local nodes represented by activity partners. Each node will be connected with a number of industrial stakeholders (SMEs, mid-caps and LEs), and their role will be twofold; on the one hand to provide relevant manufacturing challenges through their stakeholders and generalize them for educational/training process, and on the other hand to provide novel concepts, ideas and approaches for the aforementioned challenges. Solutions can be generated either by academia (as applied research results) or by industry (as best practices and success

stories). Each challenge along with the knowledge generated will be shared with the complete network, creating value across all participating EIT RIS countries. Over and above, the consortium envisions to implement outreach activities and be open in other EIT RIS countries, further extending the expected impact.

**Find out more about EIT Manufacturing**

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