



EUROPEAN MANUFACTURING INNOVATION

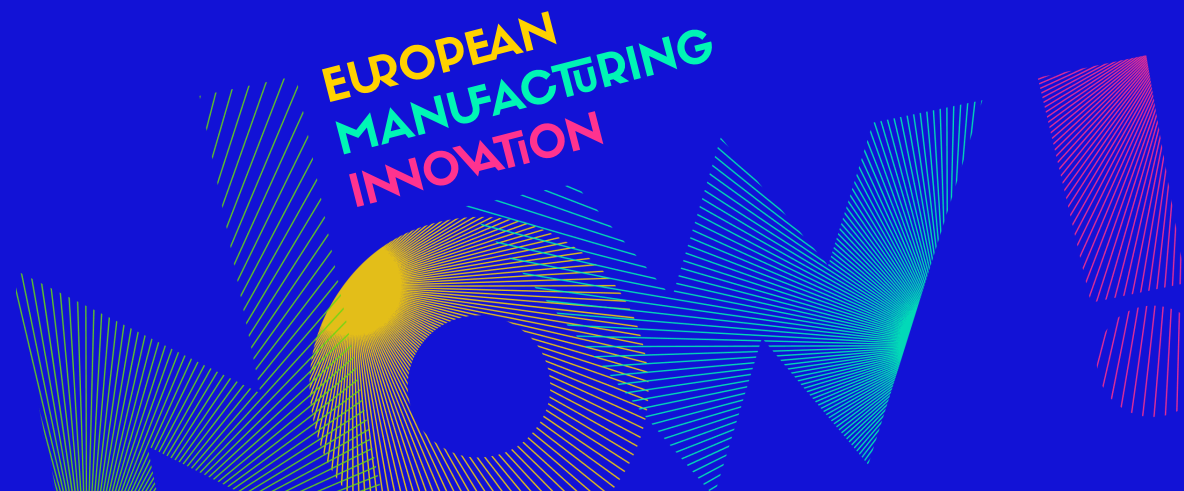


EIT Manufacturing is supported by the EIT,
a body of the European Union



MNEST-I

Network for Empowering People in Added-Value Manufacturing Systems and Technologies – Phase I



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THE CHALLENGES

The increasing digitalization observed in manufacturing is posing significant challenges to European countries.

New skills and improved orchestration of value chains will be key for Europe to remain competitive in the global scenario.

M-NEST-I activity comes to surface as the first phase of a large activity that aims at the development of a sustainable structure to leverage the European manufacturing community of the future.

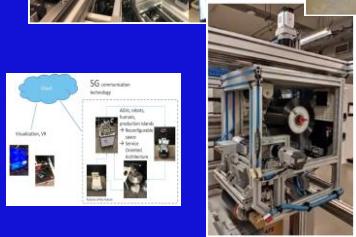
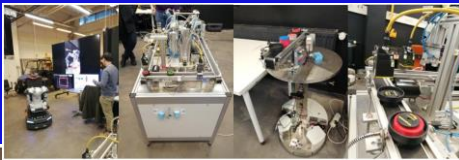
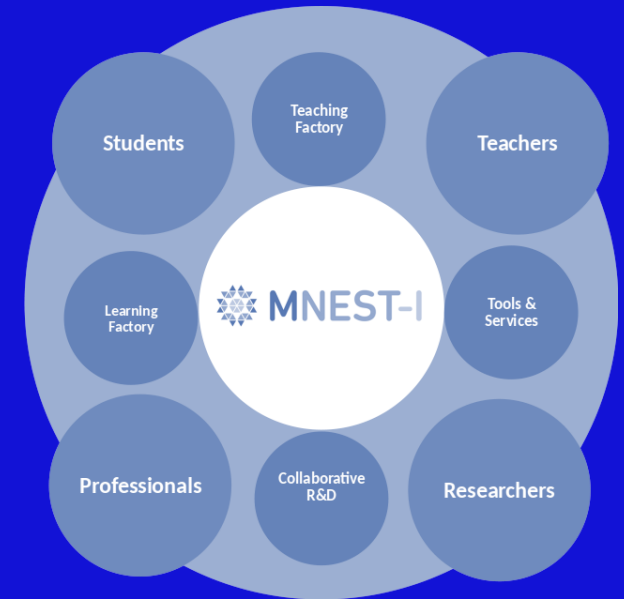
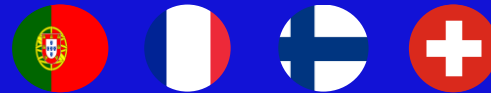




Network for Empowering People in Added-Value Manufacturing Systems and Technologies – Phase I



Distributed Teaching and Learning Factories in four Factory Units



Technology focus is on “**Manufacturing Technologies for Materials and Processes Hybridization**” based on real industrial challenges and related learning needs.



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7 test beds



2 Learning domains
Process-driven and ICT-driven



7 Learning Factories
6 Teaching Factories



Digital nuggets created for
7 learning modules



Engagement of 4 industrial
Real case studies for students





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EIT-M funding and support has been crucial to leverage and develop networks, ensuring strategic alignment across several activities and in the development of the digital contents.





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The activity is currently implementing the Teaching and Learning Factories framework through demo sessions across the four Factory Units.



Proximity between industrial needs and academic environment
→ real industrial case studies!

Next steps include the finalization the demo sessions and validation through an assessment of overall satisfaction via a survey.



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