



LEADING MANUFACTURING INNOVATION IS MADE BY EUROPE

Goals & Impact

EIT Manufacturing’s mission is to bring European manufacturing actors together in innovation ecosystems that add unique value to European products, processes, services – and inspire the creation of globally competitive and sustainable manufacturing.



EIT Manufacturing has six strategic objectives:

1. **Excellent manufacturing skills and talents:** adding value through an upskilled workforce and engaged students.
2. **Efficient manufacturing innovation ecosystems:** adding value through creating ecosystems for innovation, entrepreneurship and business transformation focused on innovation hotspots.
3. **Full digitalisation of manufacturing:** adding value through digital solutions and platforms that connect value networks globally.
4. **Customer-driven manufacturing:** adding value through agile and flexible manufacturing that meets global personalised demand.
5. **Socially sustainable manufacturing:** adding value through safe, healthy, ethical and socially sustainable production and products.
6. **Environmentally sustainable manufacturing:** adding value by making industry greener and cleaner.

EIT Manufacturing will establish an innovation community and build a network of ecosystems where people will acquire skills and encounter opportunities; and where innovators are able to attract investors and acquire venture capital.

By creating innovation hotspots, ideas and enabling technologies will be refined and connected to markets. These hotspots will generate value networks in Europe with the ambition of establishing global leadership in the high-value manufacturing arena. EIT Manufacturing will deploy an **Enabling Technologies and Customer Radar** that continuously monitors the emergence and development of enabling technologies.



This will be achieved by:

Combining the strength of the partners and dynamic models for collaboration: allowing cross fertilisation across technologies and sectors as well as cooperation within the entire value system. The huge innovation potential does not come from this set-up alone, but also from a dedicated mechanism to bring forward mutual benefits from cooperation among start-ups, SMEs and established players representing customers and extensive networks in global markets.

A unique network of world-class empowering assets: complement facilitating partners with a network of empowering assets made available by **EIT Manufacturing's** renowned partners. These assets aim at testing, validating and scaling up new technologies, providing environments that bring the factory into the classroom, and the research lab to the factory, and allowing rapid prototyping of new ideas and exchanges between makers.

Innovative, personalised and industry driven education solutions: establish the most ambitious learning platform in the manufacturing sector. This platform will combine learning-related facilities, and open access to digital learning content and tailor-made learning paths. It will connect learners with each other and link facilities and content.

Novel approaches to identify and stimulate innovation hotspots and accelerate innovation: put tools and processes in place to identify and launch the most promising ideas and technologies. **EIT Manufacturing** will detect potential innovation hotspots by means of the **Enabling Technologies and Customer Radar**, a powerful digital tool for technology foresight and business intelligence.

Creating gazelles to transform Europe: target existing manufacturing solution providers and seek to transform them through access to knowledge, technologies, customers and finance.

EIT Manufacturing Innovation Hubs (Co-location Centres)

EIT Manufacturing is headquartered in Paris and has formed five innovation hubs across Europe:

- **Bilbao** – CLC West (France, Portugal, Spain)
- **Darmstadt** – CLC Central (Germany, The Netherlands, Belgium)
- **Gothenburg** – CLC North (Finland, Sweden, Estonia, Lithuania, Ireland)
- **Milan** – CLC South (Italy, Switzerland)
- **Vienna** – CLC East (Czech Republic, Greece, Slovakia, Austria)



Partners per Country

EIT Manufacturing brings together 50 leading partners from business, education, research as well as cities and regions.

The following colour-code is used to indicate: **business**, **education**, **research** and **cities/regions/NGOs**.

Austria:

- TU Wien
- Atos
- Magna

- Voestalpine

Belgium:

- OCAS-ArcelorMittal

Czech Republic:



- Czech Technical University

Estonia:

- University of Tartu

Finland:

- Aalto University

France:

- CEA
- CT-IPC
- Arts et Métiers Paris Tech
- Aerospace Valley
- ESI Group
- FIVES

Germany:

- TU Braunschweig
- TU Darmstadt
- Bremer Institut für Produktion und Logistik
- German Research Center for Artificial Intelligence
- Festo
- KUKA
- Siemens
- Stryker
- Volkswagen

Greece:

- Laboratory for Manufacturing Systems and Automation

Italy:

- Polytechnic University of Milan
- Polytechnic University of Turin
- Arduino
- Avio Aero

- Brembo
- COMAU
- PRIMA
- Whirpool Europe

Ireland:

- University College Dublin

Lithuania:

- LINPRA

Portugal:

- Institute for Systems and Computer Engineering, Technology and Science
- Sonae

Slovakia:

- Slovak University of Technology
- Spinea

Spain

- IK4 Research Alliance
- Tecnia
- Aernnova
- ITP Aero
- Mondragon

Sweden:

- Chalmers University of Technology
- Research Institutes of Sweden
- Sandvik Group
- Volvo

Switzerland

- University of Applied Sciences and Arts of Southern Switzerland

The Netherlands:

- TU Delft
- Accell Group

More information:



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What is the EIT?

The European Institute of Innovation and Technology (EIT) drives innovation in Europe by supporting entrepreneurs, innovators and students across Europe to turn their best ideas into reality.

How does the EIT work?



Trains a new generation of entrepreneurs

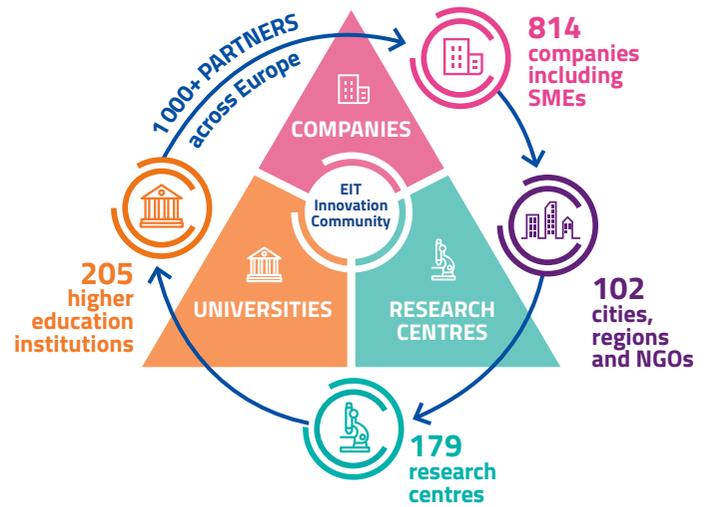


Develops innovative products and services



Supports start-ups & scale-ups

Europe's largest innovation community



The EIT's Innovation Communities create and find innovative solutions to major societal challenges

EIT Climate-KIC
Working to accelerate the transition to a zero-carbon economy

EIT Digital
Driving Europe's digital transformation

EIT Food
Leading a global revolution in food innovation and production

EIT RawMaterials
Developing raw materials into a major strength for Europe

EIT InnoEnergy
Achieving a sustainable energy future for Europe

EIT Health
Giving EU citizens greater opportunities to enjoy a healthy life

The EIT is growing!

EIT Manufacturing
Strengthening and increasing the competitiveness of Europe's manufacturing industry

EIT Urban Mobility
Smart, green and integrated transport

Europe's one-stop shop for innovation



6 100+ Jobs created



890M+€ Investment raised by EIT ventures



1 250+ Ventures supported



600+ New products and services



1 700+ Graduates completing EIT programmes



40+ Innovation Hubs across Europe