



## 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:**



[eit.europa.eu/eit-community/eit-manufacturing](http://eit.europa.eu/eit-community/eit-manufacturing)



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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

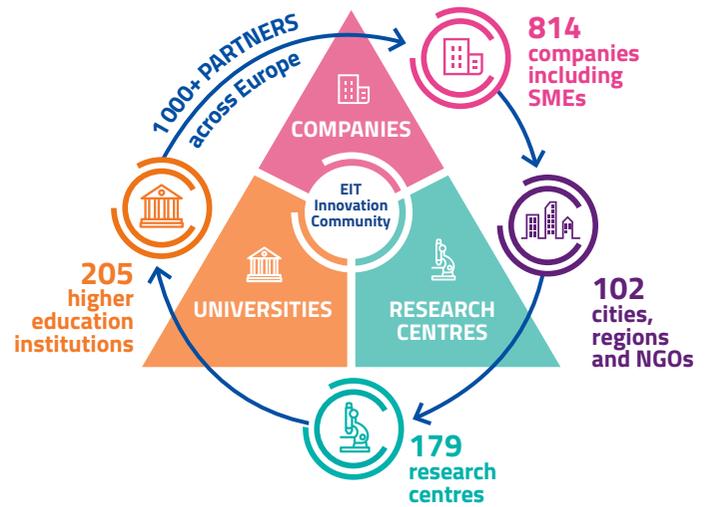


Develops innovative products and services



Supports start-ups & scale-ups

## Europe's largest innovation community



### 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

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

## 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