EIT Manufacturing
A new member of EIT’s Innovation Community
Manufacturing matters!

The manufacturing industry is a global base for prosperity and key to Europe’s economic, social and environmental sustainability. Manufacturing is a main driver of industrial innovation, job creation and growth for the European society.

- Over 2.1 million manufacturing enterprises
- 32 million jobs (16% of the total EU working population)
- Approx. 13 million jobs in the growing high-tech manufacturing industry
- 16.1% of the share of EU-28 GDP (2016)
- Total turnover of EUR 7.11 trillion

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1. Eurostat, GDP percentage of total, industry breakdowns, 10.01.2018.
2. Ibid.
A Strong and Unique Partnership

- Full value chain and full product life cycle coverage
- Cross-fertilization
- World class shared facilities
- Extended network of facilitators
- Industry-driven Education
- Partners with global reach

49% Industry

- Electronics and Digital
  - Atos
  - Siemens
- Automotive
  - VW
  - Volvo
- Robotics
  - Kuka
- Aerospace
  - ITP Aero
  - Avio Aero
  - Aernnova
  - Aerospace
- Machinery & Equipment
  - FIAT Industrial
  - NSCA
  - Sandvik
  - Sodex
- Ultimaker
- LINPRA
- Consumers Goods, Medical Equipment and Process Industries
  - Stryker
  - Whirlpool

32% Universities

- Centraline
- Chalmers University of Technology
- Politecnico
- Politecnico
- TU Delft
- Grenoble INP
- INESC TEC
- Cea
- BIBA

19% RTOs

- I4K
- TWI
- RISE

Info in mid 2019
Co-Location Centres

Legal Entity
France

Head Quarters
Paris

5 Co-location Centres (CLCs)
Bilbao
Göthenburg
Darmstadt
Milano
Vienna
Vision and Mission

By bringing together the three sides of the ‘knowledge triangle’: business (large companies and SMEs), education institutions and research centres, we aim to increase the cooperation and integration between education, business and research.

We will connect:

- People with Skills
- Technologies with Markets
- Innovators with Investors
Strategic Approach

Our flagships

People and Robots for Sustainable Work

Industrial robots, capable of collaborating and interacting with humans are key enabling technologies to simultaneously achieve human well-being and manufacturing performance.

Additive Manufacturing for Full Flexibility

Additive Manufacturing of multiple material combinations enables personalised products and advanced servitization, meeting economic and environmental challenges.
Strategic Approach

Our flagships

Zero-defect Manufacturing and Circular Economy

Digitalisation of zero-defect manufacturing increases the efficiency of industrial processes. Our programs will boost technical advancement and shifts in skills, mindsets and behaviour, to innovate and responsible production patterns.

Platforms for Digitalised Value Networks

Platforms and integrator companies are key enablers to European Manufacturing innovation. It will support manufacturers’ use of digital platforms integrators to create high-value manufacturing in value networks across Europe.
EIT Manufacturing

„Industrie 4.0“ impacts on every company in 3 dimensions

01 Digitization and integration of vertical and horizontal value chains

02 Digitization of product and service offerings

03 Innovative digital business models

How can I digitize my value-added chain?

Which products or services should be digitized?

What are the new business models that I can offer my customers?

Source: ZVEI following PwC
Towards the future…

From conventional industrial robotics and manual intensive labor...

... to cognitive Human Robot Collaboration with Smart Mechatronics and Digital Twin Technologies.
Thank you