

Intro session

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eitmanufacturing.eu





PURPOSE-DRIVEN ORGANISATION

Improve people's lives through sustainable manufacturing







Five main challenges have been identified that threaten the European manufacturing industry



- Talent acquisition and upskilling and reskilling is a key challenge for manufacturers
- Challenge caused by aging demographic evolution in Europe, coupled with a shift in skillset requirements

Lack of diversity

- Manufacturing is one of the sectors with the lowest share of women employees
- A diversified workforce is a key lever to unlock innovative thinking
- To attract tomorrow's talents from across the spectrum of diversity, manufacturing work environment must improve

Linear production models

- Current production and consumption systems rely on non-reusable or non-recycled raw materials
- Linear models generate persistent waste and perpetuate the demand for virgin resources
- The challenge at hand lies in transitioning towards a circular economy

High GHG emissions

- Regulation is too slow, despite the European Green Deal and its Net Zero Industry Act (NZIA) or Corporate Sustainability Reporting Directive (CSRD)
- Sustainable products and practices needed to turn challenge into opportunity

Insufficient resilience

- Europe depends on specific raw materials and critical components
- Importance of a resilient European manufacturing shown through COVID-19 pandemic and Ukrainian war
- Europe is lacking behind in digital platforms which pose an opportunity to increase competitiveness

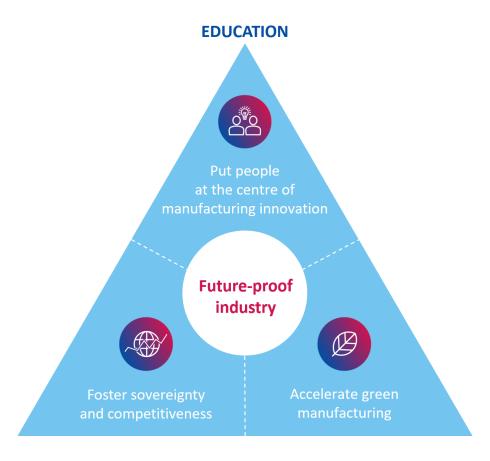




EITM aims at tackling the identified challenges through three Strategic Objectives

Three Strategic Objectives are:

- 1. Put people at the center of manufacturing innovation
- 2. Accelerate green manufacturing
- 3. Foster sovereignty and competitiveness



BUSINESS CREATION







To put the Objectives into practice, each is supported by two Strategic Initiatives

Objectives



Put people at the center of manufacturing innovation

- 1.1 Increase skill agility and reduce skill gaps through upskilling and reskilling on key manufacturing technologies, innovation and entrepreneurship
- 1.2 Reinforce the attractiveness of the manufacturing work environment through technologies and digitalisation



Accelerate green manufacturing

- 2.1 Promote circular manufacturing through servitisation of business models and optimised design
- 2.2 Transform the industry towards zero emissions through a holistic, full value-chain decarbonisation approach



Foster sovereignty and competitiveness

- Enhance manufacturing system flexibility and supply chain resilience and use data spaces and artificial intelligence as enabler for sovereignty
- 3.2 Scale up innovations in strategic manufacturing industries and reduce time-to-market to support European competitiveness





The Strategic Objectives have a different focus regarding the EIT Knowledge triangle which determines the most relevant EIT KPI

Put people at **Accelerate** Strategic Foster sovereignty and the centre of green competitiveness manufacturing innovation manufacturing **EDUCATION EDUCATION EDUCATION** # graduates **EDUCATION Knowledge Triangle** # start-ups created by students Contribution **INNOVATION** # innovations launched on market **BUSINESS** # start-ups created from innovations **CREATION** € investment attracted **BUSINESS BUSINESS BUSINESS INNOVATION** INNOVATION **INNOVATION CREATION CREATION CREATION** RIS Revenue growth in manufacturing Skill gaps Long-term / CO₂ emissions (relevant) organisations societal Circularity / Attractiveness of resource efficiency manufacturing workspaces Co-funded by the

European Union

Let's join forces to make sustainable innovation happen!





