MISSION AND VISION STATEMENT

EIT Manufacturing leverages the strengths and abilities of European industry to design and manufacture the goods and services that create our wealth and underpin our ambition to reach Europe’s sustainability goals. Recent geopolitical impacts and crises, such as the COVID-19 pandemic, strengthen the need for Europe to sustain a strong and resilient manufacturing industry. In alignment with the EU’s recovery plan NextGenerationEU, the KIC is committed to support the manufacturing industry to recover quickly and learn from the crisis. European manufacturing needs the strong innovation, business creation, and education capability created by EIT Manufacturing to fulfil our bold vision: global manufacturing innovation is led by Europe! We will achieve our vision through collaboration. EIT Manufacturing’s mission is to: Bring together manufacturing actors across Europe to integrate innovation and education for an entrepreneurial and sustainable Europe.

KEY FACTS AND FIGURES

Horizon Europe Pillar and Cluster: Pillar III – European Institute of Innovation and Technology
Type of Partnership: Institutionalised – EIT KIC
Coordinating entity: EIT Manufacturing Association
Total estimated budget: EUR 33.6 m (2021); EUR 40.06 m* (2022)
Predecessor under Horizon 2020: Started in 2020

* KIC budget is approved on a yearly basis based on the assessment of the KIC’s Business Plan by the EIT

FIND OUT MORE

www.eitmanufacturing.eu
https://www.facebook.com/EITManufacturing/
https://www.linkedin.com/company/eit-manufacturing/
https://twitter.com/EITManufacturing
https://www.youtube.com/user/EITeu

office@eitmanufacturing.eu
PARTNERSHIP FICHE: EIT MANUFACTURING

PARTNERSHIP SPECIFIC IMPACT PATHWAY (PSIP)

EIT MANUFACTURING VISION: GLOBAL MANUFACTURING INNOVATION IS LED BY EUROPE

**UN LEASED MANUFACTURING INNOVATION POTENTIAL BASED ON HIGHLY QUALIFIED PEOPLE IN SOCIALLY SUSTAINABLE JOBS**

**WELL-FUNCTIONING NETWORKS FOR DISRUPTIVE INNOVATION ACROSS SUPPLY-CHAINS, FAVOURABLE CONDITIONS FOR MFG START-UPS**

**HIGHLY COMPETITIVE MANUFACTURING INDUSTRY BEING A CORE ENGINE OF SOCIETAL GROWTH AND CAPABLE TO RAPIDLY RESPOND TO BUSINESS OPPORTUNITIES & CRISSES**

**HIGHEST WORLDWIDE SHARE OF PRODUCTION FACILITIES WITH A NET ZERO-CARBON FOOTPRINT, EUROPEAN MANUFACTURING IS A KEY ENABLER/DRIVER OF CIRCULAR ECONOMY**

**UNLEASHED MANUFACTURING INNOVATION POTENTIAL BASED ON HIGHLY QUALIFIED PEOPLE IN SOCIALLY SUSTAINABLE JOBS**

**WELL-FUNCTIONING NETWORKS FOR DISRUPTIVE INNOVATION ACROSS SUPPLY-CHAINS, FAVOURABLE CONDITIONS FOR MFG START-UPS**

**HIGHLY COMPETITIVE MANUFACTURING INDUSTRY BEING A CORE ENGINE OF SOCIETAL GROWTH AND CAPABLE TO RAPIDLY RESPOND TO BUSINESS OPPORTUNITIES & CRISSES**

**HIGHEST WORLDWIDE SHARE OF PRODUCTION FACILITIES WITH A NET ZERO-CARBON FOOTPRINT, EUROPEAN MANUFACTURING IS A KEY ENABLER/DRIVER OF CIRCULAR ECONOMY**

**INCREASED PERFORMANCE, COMPATIBILITY & STANDARDISATION OF EUROPEAN MANUFACTURING, INCREASED AGILITY OF SUPPLY CHAINS**

**SKILLED-UP-RE-SKILLED WORKFORCE, EMPOWERED WOMEN IN MANUFACTURING BUSINESSES, ATTRACTION WORKPLACES**

**FLOWS OF IDEAS & NEW VALUABLE PARTNERSHIPS, FACILITATED BUSINESS TRANSACTIONS BY MANUFACTURING START-UPS AND SMES**

**MARKETED INNOVATIONS, COMPANY-IMPLEMENTED STRATEGIES & TECHS FOR AGILITY, FLEXIBILITY, RESILIENCE**

**REDUCED GREEN-HOUSE GAS EMISSIONS AND MATERIAL CONSUMPTION**

**WIDELY DEPLOYED AND ADOPTED ADVANCED DIGITAL TECHNOLOGIES AND DIGITAL BUSINESS PLATFORMS**

---

* KTI: Knowledge Triangle Integration
** RIS: Regional Innovation Scheme
## Partnership’s Key Performance Indicators

<table>
<thead>
<tr>
<th>KPI Name</th>
<th>Unit of Measurement</th>
<th>Baseline</th>
<th>Target 2023</th>
<th>Target 2025</th>
<th>Target 2027</th>
<th>Ambition &gt;2027</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Resources (Input), Processes and Activities</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Active KIC Partners (organizations actively involved in KIC activities) (cross-SO)</td>
<td># of partners</td>
<td>50 (2020)</td>
<td>280</td>
<td>310</td>
<td>320</td>
<td>-</td>
</tr>
<tr>
<td>Co-location centres (CLCs) (cross-SO)</td>
<td># of CLCs</td>
<td>5 (2020)</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>-</td>
</tr>
<tr>
<td>Regional innovation scheme (RIS) hubs (cross-SO)</td>
<td># of RIS hubs</td>
<td>13 (2021)</td>
<td>16</td>
<td>16</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>Total budget (cross-SO)</td>
<td>€</td>
<td>N/A</td>
<td>€90.68 m</td>
<td>€109.57 m</td>
<td>€112.04 m</td>
<td></td>
</tr>
<tr>
<td><strong>Outcomes</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Educational badges issued to document and testify the achievement of a learning outcome (SO1)</td>
<td># of badges</td>
<td>N/A</td>
<td>2182</td>
<td>4985</td>
<td>9368</td>
<td>-</td>
</tr>
<tr>
<td>Start-ups created / led by women (SO1)</td>
<td># of start-ups</td>
<td>N/A</td>
<td>2</td>
<td>4</td>
<td>5</td>
<td>-</td>
</tr>
<tr>
<td>Supported start-ups/scale-ups (SO2)</td>
<td># of supported start-ups/scale-ups</td>
<td>N/A</td>
<td>171</td>
<td>229</td>
<td>277</td>
<td>-</td>
</tr>
<tr>
<td>Marketed innovations (products/services) (SO3)</td>
<td># of innovations</td>
<td>N/A</td>
<td>22</td>
<td>25</td>
<td>27</td>
<td>-</td>
</tr>
<tr>
<td>Activities (including new ventures) that lead to a reduction of material consumption of at least 20% (related to the process/product targeted) three years after the end of the activity (SO4)</td>
<td># of activities (including new ventures)</td>
<td>N/A</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>-</td>
</tr>
<tr>
<td>KIC partners who have deployed and adopted advanced digital tools or digital business platforms to increase performance (SO5)</td>
<td># of KIC partners</td>
<td>N/A</td>
<td>10</td>
<td>20</td>
<td>20</td>
<td>-</td>
</tr>
<tr>
<td><strong>Impacts</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Highly qualified employees working in the manufacturing sector (SO1)</td>
<td>% of highly qualified employees working in the manufacturing sector</td>
<td>(24% in 2017)</td>
<td>N/A</td>
<td>N/A</td>
<td>&gt;30%</td>
<td>-</td>
</tr>
<tr>
<td>Manufacturing value added (SO2, SO3)</td>
<td>% over GDP</td>
<td>(14% in 2018)</td>
<td>N/A</td>
<td>N/A</td>
<td>&gt;16%</td>
<td>-</td>
</tr>
<tr>
<td>Circular material use rate in manufacturing sector exceeds 15% (SO4)</td>
<td>use rate</td>
<td>(11% in 2014)</td>
<td>N/A</td>
<td>N/A</td>
<td>&gt;15%</td>
<td>-</td>
</tr>
<tr>
<td>Reduction of GHG emissions in non-ETS industry (SO4)</td>
<td>% of reduction</td>
<td>2005</td>
<td>N/A</td>
<td>N/A</td>
<td>&gt;25%</td>
<td>-</td>
</tr>
<tr>
<td>Participating companies increasing their digital maturity through the KIC (SO5)</td>
<td># of companies</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>&gt;500</td>
<td>-</td>
</tr>
</tbody>
</table>

Short-, mid- and long-term (impact) KPIs are defined to monitor the progress towards achieving the five EIT Manufacturing Strategic Objectives (SOs), according to the impact pathways identified in EIT Manufacturing Strategic Agenda 2021-2027:

- **SO1** – Competitive manufacturing skills and social sustainability: a highly skilled workforce in attractive jobs;
- **SO2** – Powerful manufacturing innovation ecosystems: ecosystems for innovation, entrepreneurship, business transformation;
- **SO3** – Globally competitive and resilient manufacturing: disruptive and incremental innovation increase the competitiveness of European manufacturing;
- **SO4** – Environmentally sustainable manufacturing: radically reducing climate impact and creating closed-looped manufacturing;
- **SO5** – Manufacturing fit for the digital age: maximise the development, use, and exploitation of digital technologies in manufacturing.
SYNERGIES WITH OTHER EUROPEAN AND NATIONAL INITIATIVES

EIT Manufacturing brings together manufacturing actors in innovation ecosystems – industry, solution providers, SMEs and start-ups, universities and RTOs – aiming to add unique value to European products, processes, services and to ensure that global manufacturing innovation is led by Europe. In order to achieve this, it strongly supports synergies between different types of stakeholders across Europe. In addition, EIT Manufacturing is strongly interested in and pursues collaborations with initiatives at the European and national/regional levels to establish collaborations and synergies of mutual benefit. The cross-sectoral character of manufacturing covering a wide range of industrial sectors and the combined capacities of its community allows fertilisation across several, modern technologies. Therefore, a wide area of synergies is explored such as with other KICs and European Partnerships, with regional and national authorities, with initiatives like the European Digital Innovation Hubs, the New European Bauhaus, the GAIA-X initiative, and with international associations and fora, like the World Manufacturing Forum. Indicative examples of synergies are presented hereafter.

SYNERGY WITH EFFRA AND THE MADE IN EUROPE EUROPEAN PARTNERSHIP

EIT Manufacturing has been working together with the European Factories of the Future Research Association (EFFRA) looking forward to collaboration with strong benefits for the future of European manufacturing. EFFRA is the private counterpart of the European Commission in the Made in Europe European Partnership under Horizon Europe. This collaboration signals an important milestone, further to which stakeholders of two initiatives from two different pillars, Made in Europe (Pillar 2) and EIT Manufacturing (Pillar 3), will work together towards a common goal, strengthening European manufacturing and multiplying the impact of R&I activities. In the coming years collaboration is expected to also extend to education and business creation aspects. The relevant cooperation agreement was signed in Brussels, on 27 October 2021, receiving the support of DG EAC, DG CONNECT and DG RTD.

Within the context of this collaboration, EIT Manufacturing created and launched the Innovate Together initiative in 2021 which is an open call for proposals for innovation activities aiming to support tested and demonstrated exploitable results (supported by Made in Europe) and accelerate their market deployment. This synergy between Made in Europe and EIT Manufacturing can create a huge potential for accelerating the market exploitation of research and innovation activities and maximising their economic and societal impact.

ENVIRONMENTAL TECHNOLOGY VERIFICATION (ETV) PROGRAMME

EIT Manufacturing has been working with DG ENV within the context of promoting the circular economy in manufacturing by relevant EIT Manufacturing activities, while also by specially focusing on and promoting the Environmental Technology Verification (ETV) programme. Accordingly, EIT Manufacturing, through its Co-Location Center West, participates in the team that has the role of the ETV secretariat for the coming years.

REGIONAL/NATIONAL AUTHORITIES

EIT Manufacturing has signed a large number of agreements (MoUs, MoCs, LoIs) with relevant regional and national stakeholders, especially in EIT RIS eligible countries. These agreements mark the start of our cooperation towards specific collaborations in the future at the regional and national levels. EIT Manufacturing has also acceded to the MoUs signed by EIT with EU Member States and is aiming to strongly contribute in the context of these MoUs. By fostering collaboration with national and regional authorities EIT Manufacturing will be able to connect SMEs and start-ups in RIS countries with instruments and funding that can be used by them for innovation, education and business creation.
OVERVIEW OF MEMBERS

MEMBERS PER TYPE

- **INDUSTRY**: Other Industrial and/or profit Private organisation
- **UNIVERSITY**: University and other higher education organisations
- **RESEARCH**: Public research organisation (including international research organisation as well as private research organisation controlled by a public authority)

**GEOGRAPHICAL COVERAGE**

Numbers = number of partners in the country

Total number of partners: 68