



## 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

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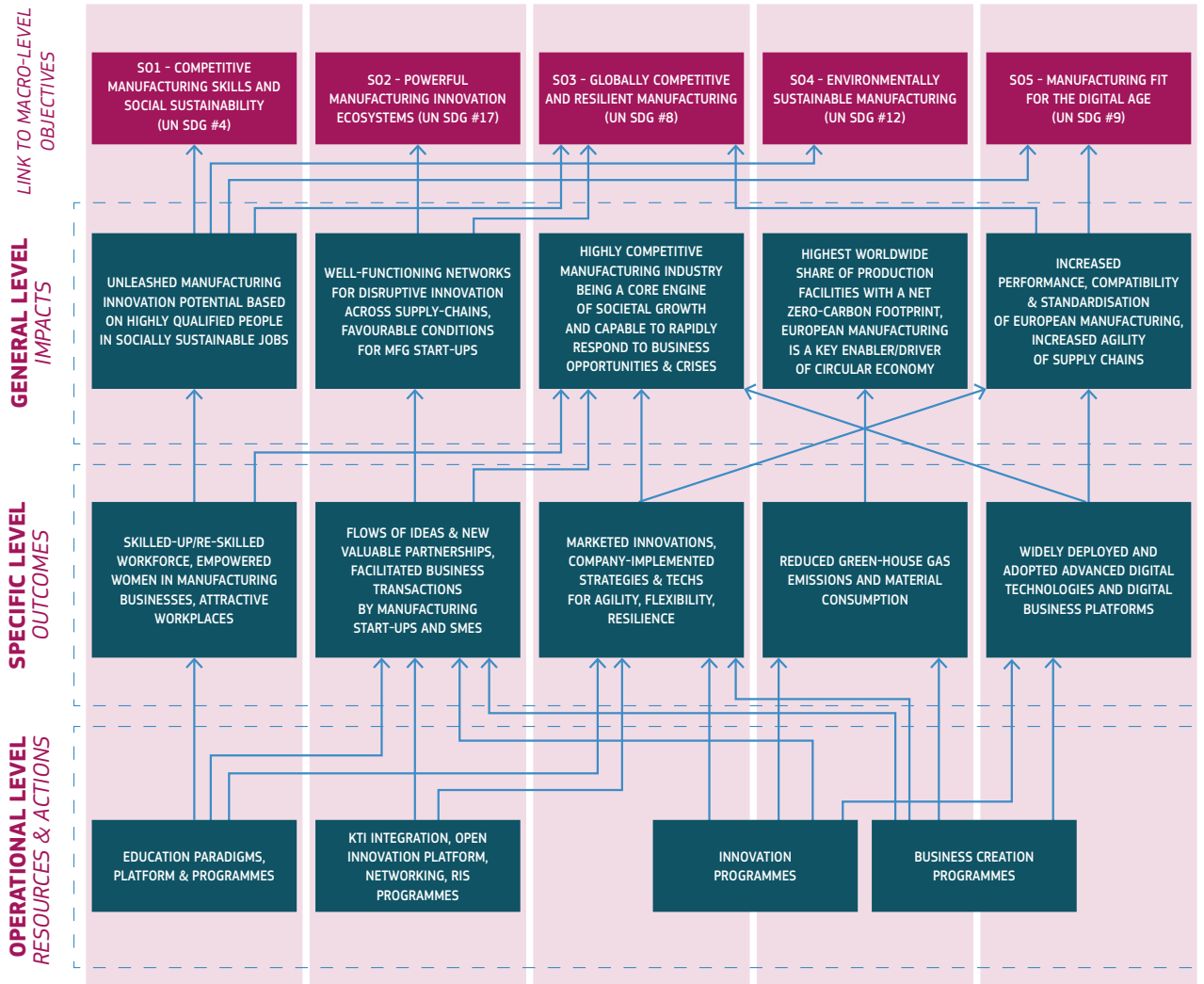
[y https://www.youtube.com/user/EITeu](https://www.youtube.com/user/EITeu)

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PARTNERSHIP SPECIFIC IMPACT PATHWAY (PSIP)

EIT MANUFACTURING VISION: GLOBAL MANUFACTURING INNOVATION IS LED BY EUROPE



\* KTI: Knowledge Triangle Integration

\*\* RIS: Regional Innovation Scheme



**PARTNERSHIP'S KEY PERFORMANCE INDICATORS**

KPI NAME	UNIT OF MEASUREMENT	BASELINE	TARGET 2023	TARGET 2025	TARGET 2027	AMBITION >2027
<b>RESOURCES (INPUT), PROCESSES AND ACTIVITIES</b>						
Active KIC Partners (organizations actively involved in KIC activities) (cross-SO)	# of partners	50 (2020)	280	310	320	-
Co-location centres (CLCs) (cross-SO)	# of CLCs	5 (2020)	6	7	8	-
Regional innovation scheme (RIS) hubs (cross-SO)	# of RIS hubs	13 (2021)	16	16	16	
Total budget (cross-SO)	€	N/A	€90.68 m	€109.57 m	€112.04 m	-
<b>OUTCOMES</b>						
Educational badges issued to document and testify the achievement of a learning outcome (SO1)	# of badges	N/A	2182	4985	9368	-
Start-ups created / led by women (SO1)	# of start-ups	N/A	2	4	5	-
Supported start-ups/scale-ups (SO2)	# of supported start-ups/scale-ups	N/A	171	229	277	-
Marketed innovations (products/ services) (SO3)	# of innovations	N/A	22	25	27	-
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)	# of activities (including new ventures)	N/A	4	5	6	-
KIC partners who have deployed and adopted advanced digital tools or digital business platforms to increase performance (SO5)	# of KIC partners	N/A	10	20	20	-
<b>IMPACTS</b>						
Highly qualified employees working in the manufacturing sector (SO1)	% of highly qualified employees over all employees in the manufacturing sector	(24 % in 2017)	N/A	N/A	>30 %	-
Manufacturing value added (SO2, SO3)	% over GDP	(14 % in 2018)	N/A	N/A	>16 %	-
Circular material use rate in manufacturing sector exceeds 15 % (SO4)	use rate	(11 % in 2014)	N/A	N/A	> 15 %	-
Reduction of GHG emissions in non-ETS industry (SO4)	% of reduction	2005	N/A	N/A	> 25 %	-
Participating companies increasing their digital maturity through the KIC (SO5)	# of companies	N/A	N/A	N/A	> 500	-

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.

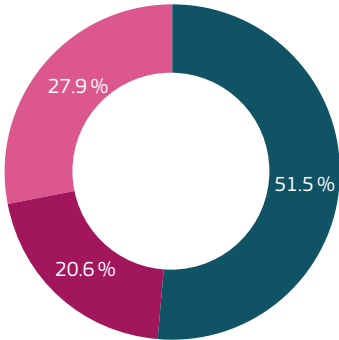
### **REGIONAL/NATIONAL AUTHORITIES**

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.



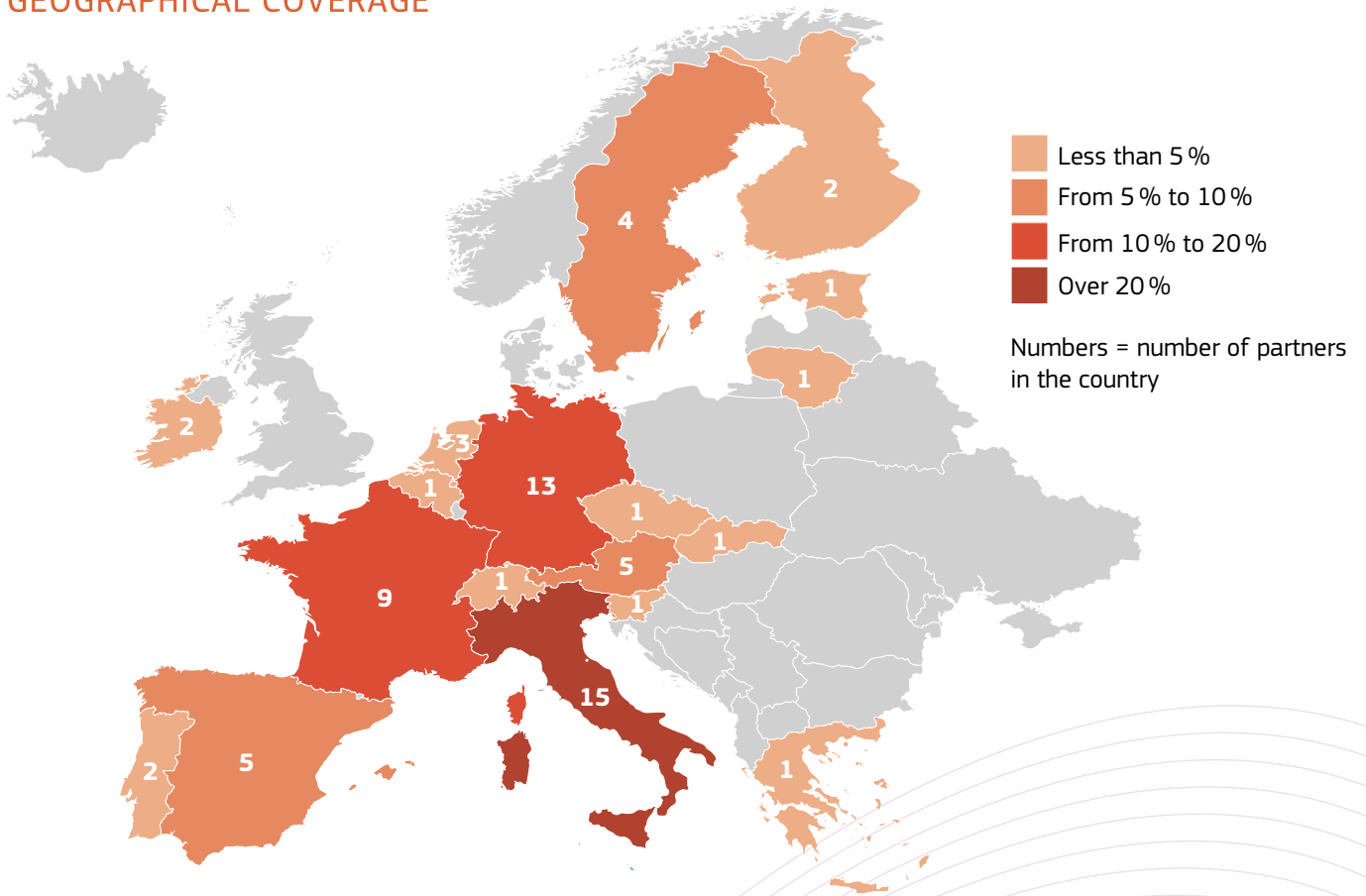
## OVERVIEW OF MEMBERS

### 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



Total number of partners: 68