



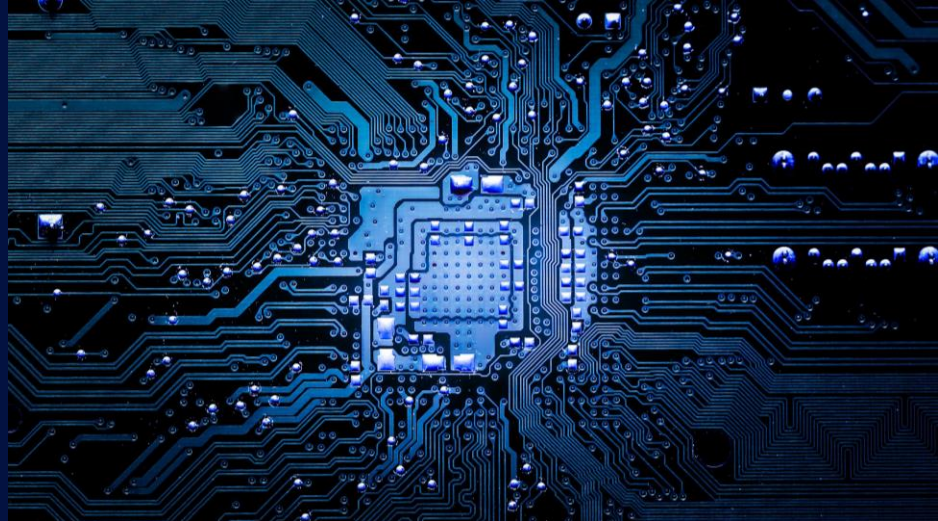
EIT Manufacturing

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Co-funded by the
European Union



eitmanufacturing.eu



Introduction

The manufacturing industry is a global base for prosperity and key to Europe's economic, social and environmental sustainability.

The sector is a main driver of industrial innovation, job creation and growth for European society.



Our vision

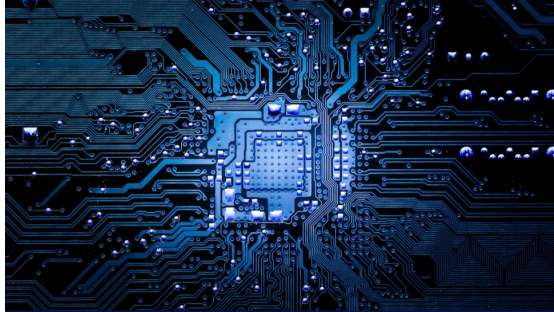
Global manufacturing
innovation is led by Europe.



Our mission

Bring together manufacturing
actors across Europe to integrate
innovation and education for an
entrepreneurial and sustainable
Europe.

Shared challenges across Europe and the world



Digital
transformation



Sustainability



Competition

EIT Manufacturing focus areas

Four focus areas: The Flagships



Flexible production systems
for competitive manufacturing



Low environmental footprint
systems & circular economy
for green manufacturing



Digital & collaborative solutions
for innovative manufacturing
ecosystems



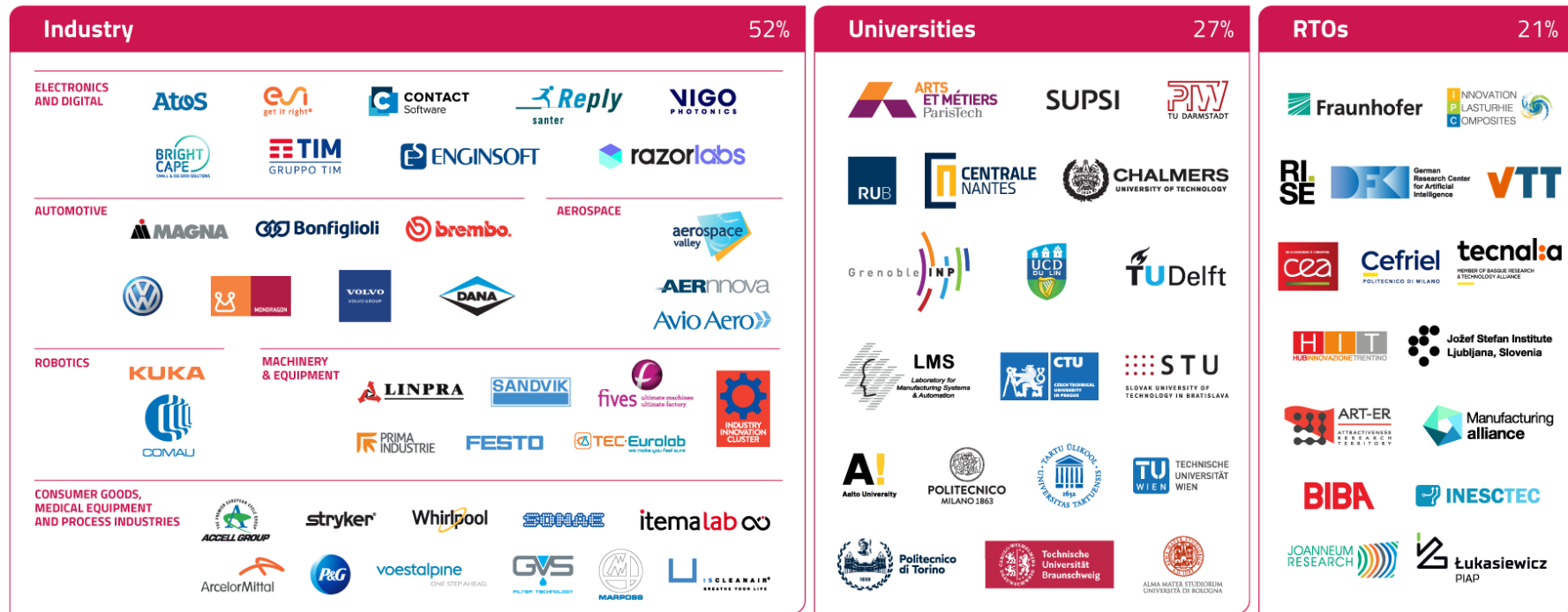
Human-machine co-working
for socially sustainable
manufacturing

Unique approach: Innovation based on industry needs

- Public-private partnership
- A holistic, tested method
- Focus on solutions to high-value manufacturing challenges
- Partnership: leading companies, universities and research organisations
- €400M budget until 2026



Powerful partnership: 80+ partners from 20+ countries



As of March 2022

Locations: Linking key manufacturing hubs

Legal Entity **France**

Headquarters **Paris**

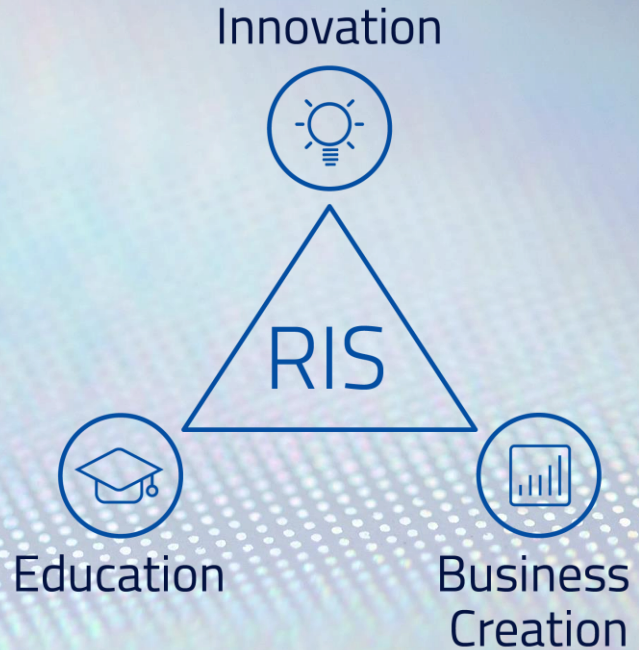
6 Co-location Centers (CLCs)

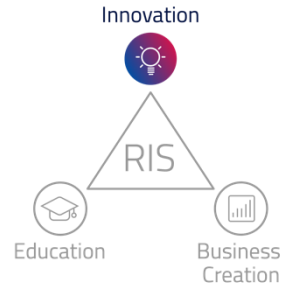
- **San Sebastian** Spain
- **Gothenburg** Sweden
- **Darmstadt** Germany
- **Milan** Italy
- **Vienna** Austria
- **Athens** Greece



The strength of EIT Manufacturing

To ensure that innovations reach the market, industry has the right talent and entrepreneurs can thrive, EIT Manufacturing connects and integrates the areas of education, innovation and business creation and the Regional Innovation Scheme (RIS).





Innovation: Creating value and impact

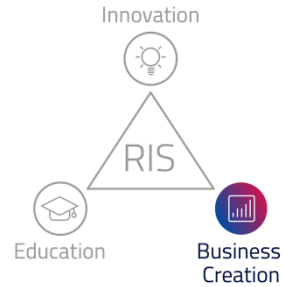
Supporting European manufacturing community of companies & tech organisations to industrialise innovative projects.

Innovation: Creating value and impact

- **Ensure adoption** of innovations for manufacturers as end-users.
- **Increase market traction** and robustness of solutions-to-scale.
- **Ensure market reach** and exploitation.
- **Explore and test go-to-market strategy** to hit the right targets.

- Yearly/bi-yearly call for proposals
- Ad hoc services for EIT Manufacturing partners
- Agora - The social network and open innovation platform for the pan-European manufacturing community.









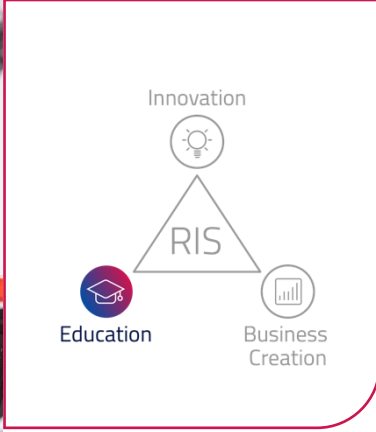
Business Creation

Bringing together European startups, SMEs and corporates in the manufacturing sector and supporting them to realise their ambitions.

Investing in new businesses to fuel growth and achieve sustainable economic and societal impact.

Business Creation programmes

Programme	For whom?	What do we offer?
	Early-stage startups	<ul style="list-style-type: none">• Access to market: new clients, new countries, commercialization strategy• Access to finance: partner VCs, corporate ventures, EU institutions
	Scaleups	<ul style="list-style-type: none">• Equity financing up to 300k €• Training on investor pitch readiness• Visibility through events support
	SMEs	<ul style="list-style-type: none">• Technology scouting• Open innovation services• Coaching & mentoring
	Corporates & scaleups	<ul style="list-style-type: none">• For scaleups: Access to market• For corporates: Access to open innovation• Pilot facilitation and financial support



Education: Connecting people with competences

Empowering Europe with people that are capable and inspired to shape the future of manufacturing

What can we do for you?

Empower

- EIT-labelled Masters programmes
- EIT-labelled PhD programme
- Flexible personalised empowering programmes

Connect & Transform

- Transform organisations through education & training
- Upskilling and re-skilling programmes for corporates

Engage

- Attract young talent through networking, workshops and events
- Engage Women, Engage Pupils
- Cross-industry, societal engagement

Skills.move platform in a nutshell

What is it?

Skills.move is the new EIT Manufacturing learning platform that supports **innovation & entrepreneurship** education and the **manufacturing industry** to upskill-reskill its current and future workforce by providing tailored learning experiences and avoiding big investments

Why is it different?

- In line with real industry needs (*thematics from open innovation to the learning*)
- Engaging - hands-on modules (*Teaching and Learning Factories*)
- 100% manufacturing industry focus, including innovation and entrepreneurship
- Skills and competencies driven learning experience

Who will use it?

Students



Teachers



Workers



Managers



Companies



EIT Manufacturing RIS Programme - Opportunities



EIT Manufacturing RIS
Strategy & Implementation



- EIT Manufacturing RIS hubs network
- Best practice classes for national authorities
- Women Innovators in Manufacturing at EIT RIS
- EIT Jumpstarter
- RIS Evolution of Research Results
- Intrapreneurship Challenge
- Teaching & Learning Factories
- Programs to engage Society and Pupils
- Innovating for a Circular Economy
- Artificial Intelligence at EIT RIS
- Green and digital 'twin' transition for SMEs

Customised projects for
EIT RIS countries
Cross-KIC EIT RIS Activities
Long-term planning
Decentralized approach

Education & Training for Manufacturing

Engagement of Society and Pupils in EIT RIS countries

2020 Ensuring Well-skilled Future Workforce

- 12 high schools involved; engaging >2000 students and teachers; 5 RIS Countries involved: Estonia, Greece, Portugal, Slovakia, Spain
- Webinars and workshops for students on the topics of robotics and digitalization in manufacturing

2021 TBC

- Engaging >1500 participants in educational activities (including workshops about Industry 4.0)
- >20 institutions to be involved in training and mentoring activities; 7 RIS Countries involved: Estonia, Czech Republic, Greece, Lithuania, Portugal, Slovakia, Spain



Teaching and Learning Factories (TLFs) in EIT RIS countries

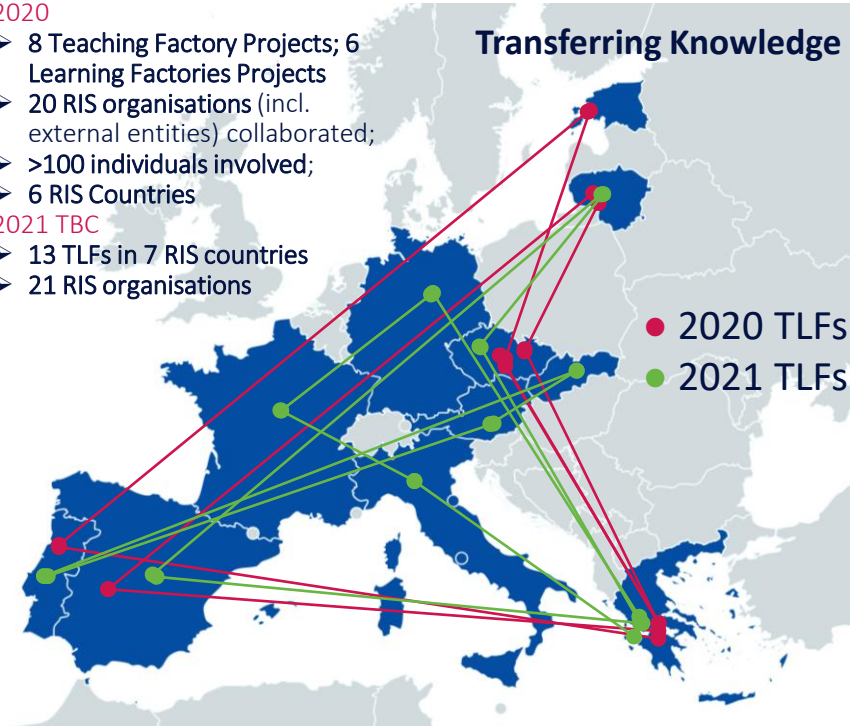
2020

- 8 Teaching Factory Projects; 6 Learning Factories Projects
- 20 RIS organisations (incl. external entities) collaborated;
- >100 individuals involved;
- 6 RIS Countries

2021 TBC

- 13 TLFs in 7 RIS countries
- 21 RIS organisations

Transferring Knowledge



Green and digital 'twin' transition for SMEs at EIT RIS

This call is for projects aiming to support innovative solutions on green and digital solutions for SMEs through organizing piloting activities for applying innovation towards: creating clear environmental benefits; increasing productivity, innovation capacity, resilience and sustainability; making the jobs of the humans working in the manufacturing and construction sectors more attractive and safer; creating new business models, sustainable-by-design advanced materials and technologies enabling the switch to decarbonisation in all major emitting industrial sectors, including green digital technologies



- ✓ help local players to cover needs such as **green and digital transformation piloting activities** for SMEs;
- ✓ special focus –although not restricted- on **green and digital solutions** for SMEs through **organizing piloting activities** for applying innovation in EIT RIS countries;
- ✓ Activities mostly support business creation through twin transition;
- ✓ **External RIS organisations** through an **open call** : 10-15 SMEs/startups from at least 6 RIS countries.

In 2020 and 2021, through this activity 36 teams with innovative solutions were supported.

Competition Evolution of research results in manufacturing

Programme accelerates the market launch of selected teams through grants and support with networking and developing a project plan. Selected teams need to finish their prototype, which had been developed within the context of H2020 or national/regional programs and test their idea in a real market environment.



Through this activity in 2021, we supported 24 start-ups, 6 start-ups were created, and 14 technological innovations were marketed.

Procedure:

- Open call in 5 different regions (connected with CLCs)
- 1st Bootcamp for 50 start-ups
- Mentorship program for 15 start-ups
- 2nd bootcamp for 15 start-ups
- Final Pitch day – 15 start-ups

- **Type of Program:** Evolution of Research results
- **Target audience:** Start-ups, master & PhD students
- **Form of support:** Financial + Bootcamp Training + Individual mentoring
- **Financial support*:** EUR 50k (for 10 start-ups)
- **Number of selected teams*:** 50/15/10
- **Outcome:** 10 new ventures on the market
- **Application period:** 2022: May / April

INCLUSIVENESS at EIT RIS

Procedure:

- Open call for **Manufacturing stakeholders (SMEs, startups, universities, research and technology organizations, and corporates)**
- Selection of max. Five (5) projects
- Development of the selected projects
- Showcasing Innovative solutions
- ✓ **Financial support***: EUR 45K
- ✓ **Outcome**: 2 innovations launched on the market

RIS Inclusiveness is an activity to attract, select and support teams/entities coming from EIT RIS countries towards developing innovative solutions to make the work in the manufacturing industry more inclusive for people with disabilities.

Competition LEADERS – Women Innovators in Manufacturing at EIT RIS

LEADERS is a competition aiming to reach out to support the best women innovators (i.e. professionals, researchers, entrepreneurs) playing a leading role in developing solutions / initiatives addressing manufacturing-related challenges with strong financial, environmental, or societal impact.



Procedure:

- 1st round submission
- Pre-selection of 30 Leaders
- Provision Pitch Trainings
- 2nd round of submission
- Selection of 6 finalists
- Final Awarding Ceremony of 3 winners

- **Type of Program:** Competition
- **Target group:** Women with innovative manufacturing related projects
- **Form of support:** Prize + Publicity
- **Prize:**
III. EUR 5000 II. EUR 7500 I. 10 000*
- **Application period:** Q1 – Q2

Competition **EIT Jumpstarter** at EIT RIS

This program aims to support idea-holders to turn their ideas into business with the contribution of best-in-class experts, a creative community, and unique know-how. It provides graduates to validate their project ideas and to build up a business model around it.

**EIT 2022
Jumpstarter**

Get Started Now



- **Type of program:** Competition + Training
- **Target group:** Individuals with innovative ideas
- **Form of support:** Training + Prize
- **Number of selected projects*:** 30
- **Financial support*:** EUR 3000
- **Prize*:** III. EUR 5000; II. EUR 7500; I. EUR 10 000
- **Outcome:** Market validated business model
- **Application period:** Q1 – Q2

Through this activity in 2020 and 2021, we supported more than **50 teams** and **6 start-ups** were created for innovation.

Procedure:

- 1st round submission
- Pre-selection of 30 teams
- Provision Trainings + Mentoring
- Pitch competition
- Selection of 15 teams
- Provision Training in Business Plan (BP) development
- Evaluation of BPs
- Selection of 6 finalists
- Final Awarding Ceremony of 3 winners

To sum up...

- EIT Manufacturing Calls for Proposals
- Business creation opportunities for SMEs and Start-ups at all stages
- Education and trainings opportunities for students, researchers, employees, entrepreneurs
- Opportunities specifically for organisations coming from RIS countries
 - Bringing to the European market your innovation
 - Increasing inclusiveness of people with disabilities in your company
 - Supporting women innovators
 - Helping idea holders developing their ideas and business models

Thank you!

For more information, do not hesitate to get in contact!

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