EIT Manufacturing

The European Innovation Network for Manufacturing

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Project Manager Circular Economy

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The European Innovation Network for Manufacturing

Our Vision
Global manufacturing innovation is led by Europe
Manufacturing – Challenges and Opportunities

Europe’s current challenges are: **Digitalization, Sustainability, Competitiveness**

**SKILLS**  **TECNOLOGIES**  **STRATEGY**

You cannot do this alone, you need an ECOSYSTEM!
Unique approach

Integration of the Knowledge Triangle. We connect:

- People - Skills
- Technologies - Markets
- Innovators - Investors
4 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

Holistic approach (KTI)

Public-private partnership

80+ full members
80+ activity partners

High-value manufacturing challenges

Budget until 2026
400 Million Euro

Co-funded by the European Union
### Industry
- Electronics and Digital
  - Atos
  - ESI
  - Contact Software
  - Reply
  - Vigo

- Automotive
  - Magna
  - Bonfiglioli
  - Brembo

- Aerospace
  - Avio Aero
  - Aerospatiae Valley

- Robotics
  - Kuka

- Machinery & Equipment
  - Linpra
  - Sandvik
  - Fives

- Consumer Goods, Medical Equipment and Process Industries
  - Stryker
  - Whirlpool
  - Siemens

### Universities
- ARÉEETMÉTIE ParisTech
- SUPSI
- PIW

- Centrale Nantes
- Chalmers University of Technology

- Granoble
- TU Delft

- LMS
- CTU
- STU

- Université Libre de Bruxelles
- Technische Universität Wien

### RTOs
- Fraunhofer
- Cefriel
- Tecnak

- BIBA
- INESCTEC

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As of March 2022

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Co-funded by the European Union
Unique approach – What we offer

• HQ in Paris
• 6 European regional offices (CLCs)
• 13 Innovation Hubs

Unique Europe-wide **Network of Industry and Science**
Innovation: Creating value and impact

We support the European manufacturing community of universities, companies & technology organisations to industrialise innovative projects by:

- **Connecting to the right partners** and supporting matchmaking among our ecosystem
- **Ensuring adoption of innovations** with manufacturers as end-users, improving market reach and robust scale-up
- **Promoting impact** through environmental, social and financial sustainability
Call for Proposals: Looking for innovation potential

What we offer:
- One/two calls per year with a total budget of €10+ million
- Activity durations of 1-2 years
- Call thematics based on community consultation & topical issues e.g., Smart technologies for circular and green manufacturing

What we look for:
- Focus on high impact potential and breakthrough innovations (radical, disruptive, transformative)
- That have reached sufficient maturity (TRL >= 6) and need an extra push to be launched in the market (TRL >=8)
- Leveraging a pan-European consortium that includes 2+ end users and technology provider(s)
Driving the sustainability agenda forward

- **Environmental and social aspects** key to a more sustainable manufacturing industry
  - ‘Fixing our Future’, developed with the community, offers a compelling vision, together with stories and debates to foster thinking
  - Increasing focus on environmental and human impact of EITM-supported Innovation activities
- **Financial sustainability** key to the competitiveness of the sector
  - Core criteria in call for proposals process
The social network and open innovation platform for the pan-European manufacturing community

- **Network and connect with 2,000+ peers**
  - Members from over 35 European countries
  - Representing 900+ organisations from industry, startups, universities, RTOs..

- **Access exclusive content on industry trends**
  - Industry & Tech Watch use cases and biweekly newsletter
  - Tuesdays from Future innovation webinar series, skills workshops and more

- **Collaborate securely online in dedicated spheres**
  - Write public and private messages, participate in video conferences, share and collaborate on files
AGORA app: now also on mobile!

Available on iOS and Android - download the AGORA app from AppStore or Play Store

A travel companion to the full web version. On the app you can:
• access your spheres and browse latest posts
• start and respond to public and private chats
• join video conferences and webinars
• go through your favourite spheres' files

Request to join now by scanning the QR code on the right or visiting https://agora-eitmanufacturing.eu
Leverage EIT Manufacturing’s Business Intelligence for your decision-making

Our strengths

- Pan-European network of 80+ industrial companies, universities and RTOs
- Pivotal position at centre and with finger on the pulse of European industry
- Curated AGORA online community around industry and technology trends
- Artificial Intelligence-based web mining tools

Automotive Semiconductor
Market Report:
The numerous bottlenecks within the European manufacturing industry
July 2022
Rayane Echikr
EIT Manufacturing
Uncovering intelligence for a greener, better industry

We use web mining and deep search tools to track, analyse and explore...

- Industry technology trends
- In-depth analysis of supply chain
- Industry use cases
- Startups and SMEs
- EU politics and projects

...across all manufacturing sectors, including:

- Electronics
- Aerospace
- Automotive
- Plastics
- Machinery
- Robotics
Curated insights in a **format to fit your needs**

<table>
<thead>
<tr>
<th>Type of deliverable</th>
<th>Indicative timeline</th>
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</thead>
<tbody>
<tr>
<td>RSS newsfeed</td>
<td>Less than 1 week</td>
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<tr>
<td>Startup summaries*</td>
<td>1 week</td>
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<tr>
<td>Briefing paper</td>
<td>1 week</td>
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<td>Dynamic dashboard</td>
<td>1 week</td>
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<tr>
<td>Newsletter*</td>
<td>2 weeks</td>
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<tr>
<td>Market report*</td>
<td>2-4 weeks</td>
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* See samples of these deliverables in the next slides
Ready to get started?

For business intelligence requests and further information, contact:
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rayane.echikr@eitmanufacturing.eu

To access the Industry & Tech Watch newsletter and meet with the pan-European manufacturing innovation community – join AGORA!

https://agora-eitmanufacturing.eu
Innovation Funding Catalyst (IFC) is an initiative by EIT Manufacturing innovation programme, to **support members and innovators** in identifying and applying for external funding.
IFC – How it works

1. EITM analyses in advance EU work-programs to identify forthcoming calls aligned with Strategic Objectives and partners’ R&D funding needs.

2. Once calls are identified, EITM activates an informal group of people interested in the IFC. From 3 to 6 months before the call deadline.

3. Partners, externals and EITM take part on the IFC:
   - CLCs’ team invite partners potentially interested in the call identified
   - Partner and Externals can submit their EOI through the landing page

4. EITM team use the IFC to present the identified relevant EU call(s), support the networking and matchmaking and advise on proposal writing.

5. After the deadline has passed, the IFC will be closed. EITM will keep looking for forthcoming funding opportunities in the specific area, depending also on the success of the IFC.
We bring together innovative European startups, SMEs and corporates in the manufacturing sector to foster joint commercial activities.
We support Startups and Scaleups

**Access to market**
- Introductions
- Participation to events
- Consortia

2-12 months

**Access to finance**
- Pre-Seed / Seed
  - Switch on: 150 k€
  - Supercharge: 300 k€

15 Startups invested

**Expertise and Coaching**
- Investment Readiness
- Market Fit
- Business Model

2-3 Months
Impact since 2021

500+ Start-ups engaged

100+ Startups actively supported

900+ Manufacturing client introductions

€30mn+ In investments attracted

40+ Corporate challenges
EDUCATION
Connecting people with competences
Empowering Europe with people that are capable and inspired to shape the future of manufacturing

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
Accompany Individuals and Organizations during their learning journeys
EITM Digital Learning Framework

TeachingFactories
Real context/challenges

Learning Factories
Hands-on activities

Learning Nuggets
Skill driven

Learning Paths
Competences driven

Learning Journey
to High Value Job

Skills .MOVE
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 *(the Matics 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?**

- Workers
- Managers
- Students
- Teachers
- Companies

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Co-funded by the European Union
EIT Deep Tech Talent Initiative

The EC launched the new European Innovation Agenda in July 2022. EIT is contributing to several flagship actions and plays a central role in the EIT Deep Tech Talent Initiative:

**WHAT:** Skill, up-skill and re-skill 1 million talents to create a European talent pool in deep tech

**HOW:** By developing, scaling up and disseminating pan-European talent and skills development programmes in deep tech. Creating a community with training providers, enterprises, financiers and institutional partners to offer courses in deep tech areas as well as calls for proposals to develop new curricula.

**WHEN:** Over a period of 3 years between 2023-2025
Gràcies!