



# The European Innovation Network for Manufacturing

Adrian Bablok

Łukasiewicz i EIT dla startupów , 24 March 23



Co-funded by the  
European Union



[eitmanufacturing.eu](http://eitmanufacturing.eu)



## 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.

# The strength of EIT Manufacturing

Ensure that innovations reach the market

Ensure that Entrepreneurs can thrive

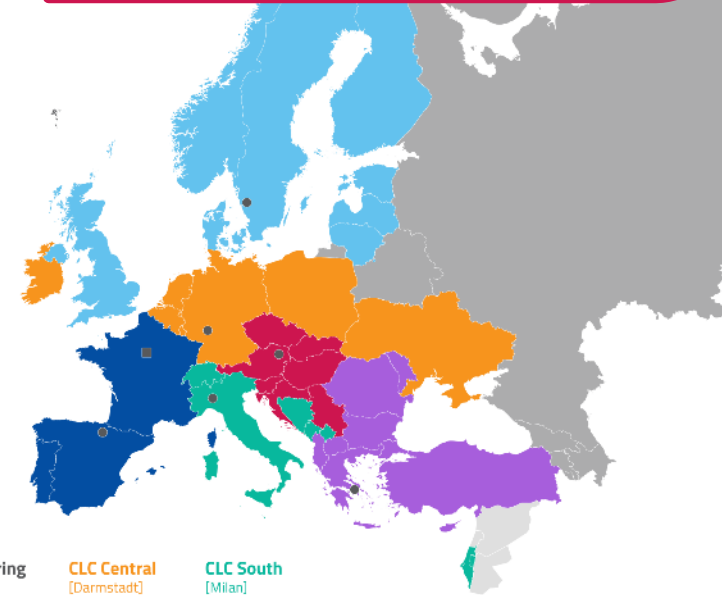
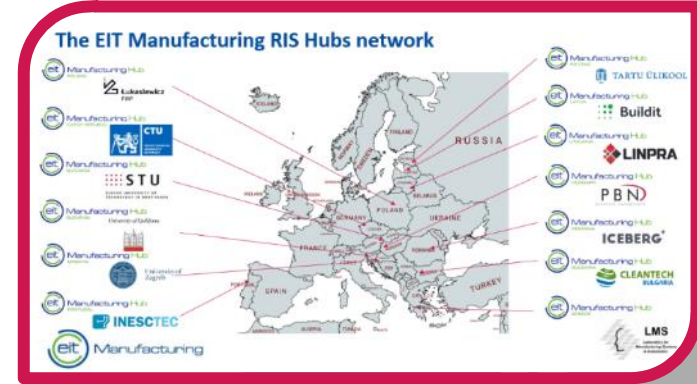
EIT Manufacturing connects and integrates:

Education, Innovation and Business Creation especially in the Regional Innovation Scheme (RIS).



# Unique Approach – Our Offer

- Unique Europe-wide network of industry and science
- Holistic approach integrating Innovation, Business Creation and Education
- Public-private partnership,
- 6 European Co-Location Centres plus 13 Innovation Hubs in Eastern Europe and other regions
- Coaching and (financial) support for startups and scaleups
- Our European learning platform Skills.Move ([www.skillsmove.eu](http://www.skillsmove.eu)) with state-of-the-art content
- Our social network and innovation Platform AGORA ([agora-eitmanufacturing.eu](http://agora-eitmanufacturing.eu))



**EIT Manufacturing  
Headquarters**  
Paris

**CLC West**  
[San Sebastian]

**CLC Central**  
[Darmstadt]

**CLC North**  
[Gothenburg]

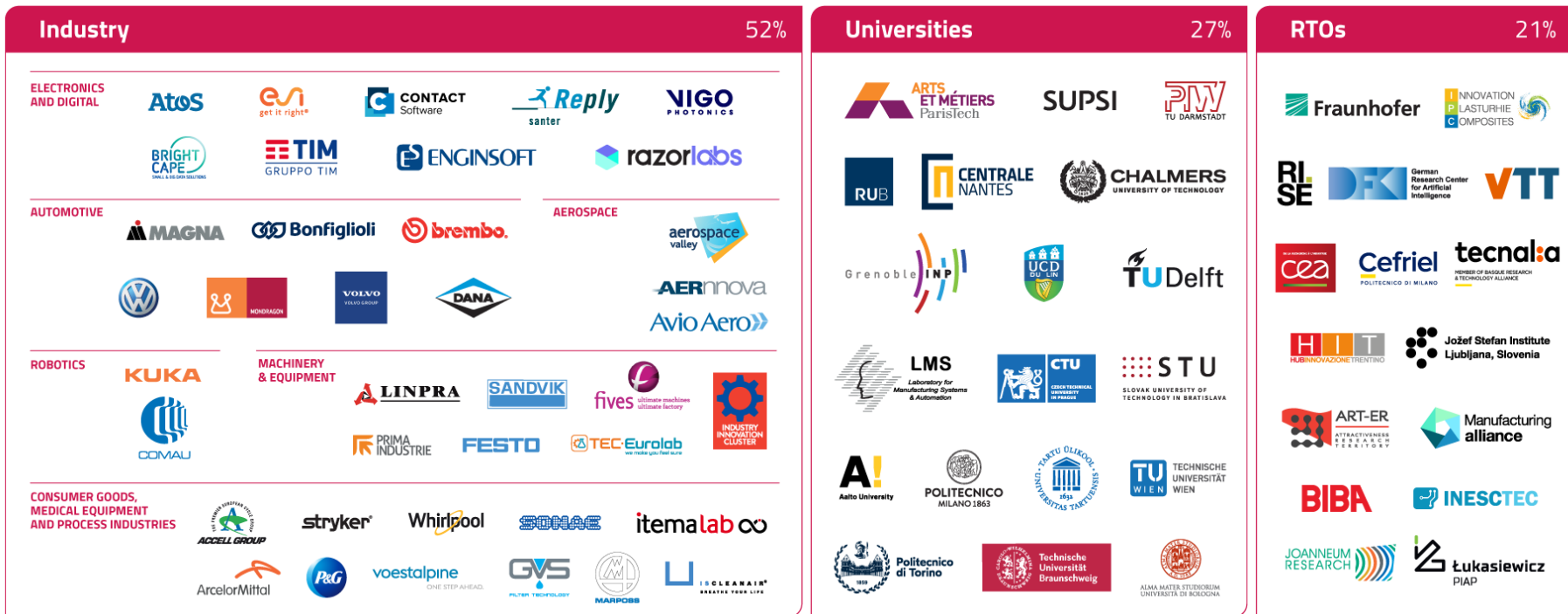
**CLC South**  
[Milan]

**CLC East**  
[Vienna]

**CLC South-East**  
[Athens]




*In addition, dynamically  
growing number of RIS hubs*

# The future of Manufacturing – our strong partnership



As of March 2022

# The future of Manufacturing – our young companies network

Dealflow	Candidates in due dilligence	Contracted for Business Support	Success stories and alumni
<p>80+ Companies in the pipeline</p>			

# Driver of an innovation ecosystem

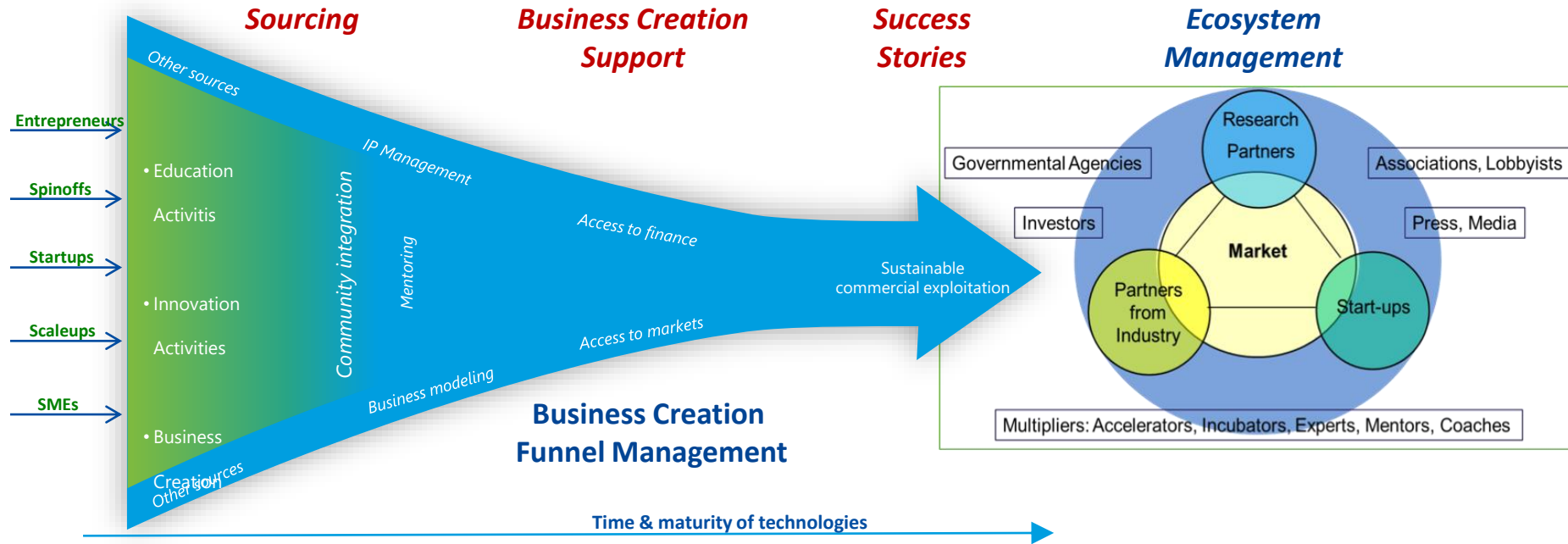
## Network partner (excerpt)



## Partner of (excerpt)



# BUSINESS CREATION - Ecosystem Management





# Connecting industry with solution providers

One challenge and four windows of opportunity:



Companies fund their own  
PoCs / Implementations

Corporates, Mid-caps and SMEs submit their challenges and the Business Creation teams scout according to the individually agreed time-lines

=> Solutions can be implemented in shorter than 6 months



Companies submit their challenges for intl. awards

Corporates, Mid-caps and SMEs may deal their solution implementation publicly (in the BoostUp! BRIDGE competition)

=> Solutions can be awarded with up to 30.000€ co-funding



Companies intend to participate in consortia for implementation projects

Challenge owners may apply in EIT Manufacturing's CfPs to look for implementation and application partners in European scale

=> Accepted proposals receive funding from EIT Manufacturing










Companies are looking for innovations to be further developed into TRL >6

Challenge owners would need R&D capacities to further develop solution of lower TRL status into commercial prototypes

=> EIT Manufacturing supports building international consortia and respond to Horizon Europe

# Connecting industry with Start-ups

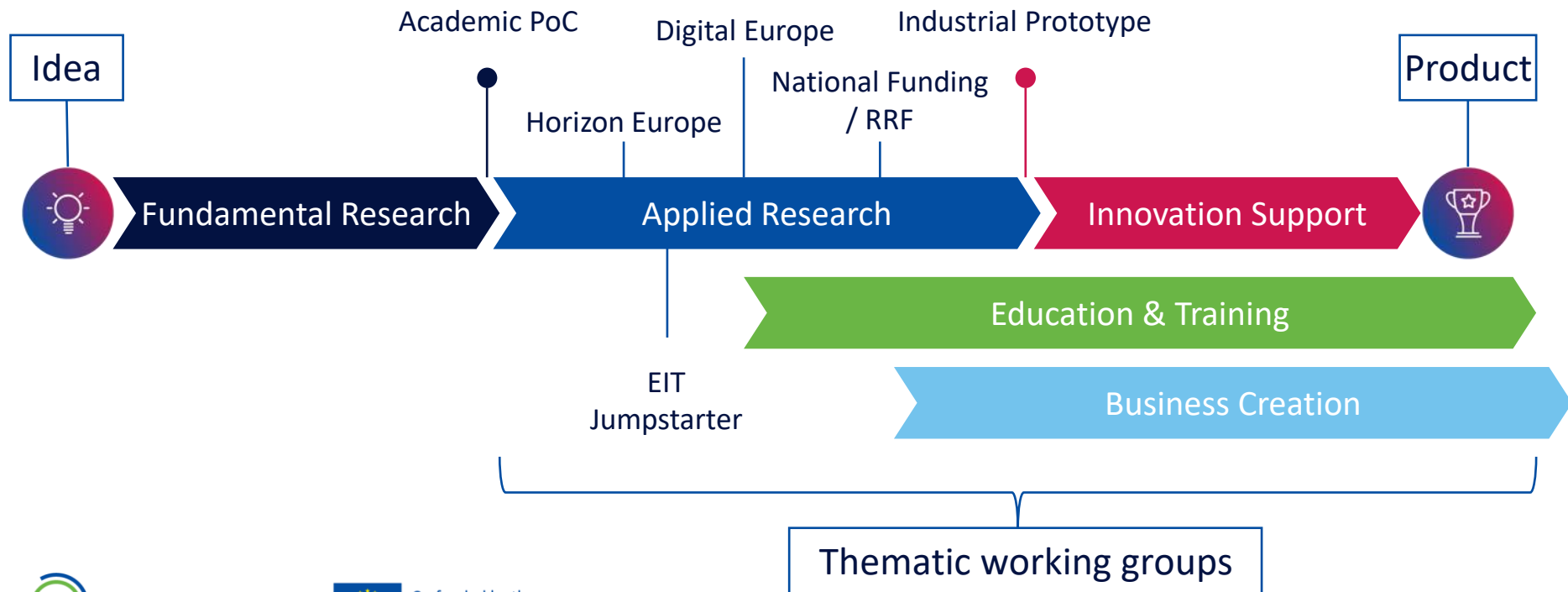
## Open Call – BoostUp! Bridge

BoostUp! Bridge Editions	Corporate	Description of the industrial challenge
 BoostUp! Tech		Sharing assets and production process between different manufacturers and associated business model and technical solutions.
 BoostUp! Green		Measuring and Modelling CO2 emissions of direct material suppliers (from cradle to gate, including recycling).A
 BoostUp! Corporate		Designing and implementing a process to measure and drive the energy efficiency and performance of a painting process line at an industrial plant in Italy.
		Implementation of an AI driven solution to model, analyse and optimize the shelf life of products.

### Finalists



# Pathway towards marketed innovation



# Competition EIT Jumpstarter 2023 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



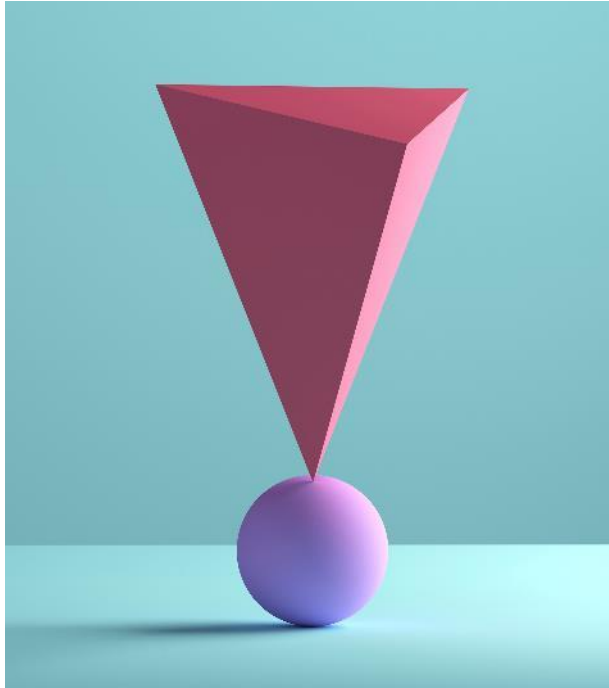
- **Type of program:** Competition + Training
- **Target group:** Individuals with innovative ideas
- **Form of support:** Training + Prize
- **Number of selected projects\*:** 20
- **Financial support\*:** EUR 3000
- **Prize\*:** III. EUR 5000; II. EUR 7500; I. EUR 10 000
- **Outcome:** Market validated business model
- **Application period:** April 16

Through this activity in 2020 and 2022, we supported more than **70 teams and 13 start-ups** were created for innovation.

## Procedure:

- 1<sup>st</sup> round submission
- Pre-selection of 20 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

# Looking for innovation potential



## What we offer:

- Two open 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  $\geq 6$ ) and **need an extra push to be launched in the market** (TRL  $\geq 8$ )
- ✓ Leveraging a **pan-European consortium** that includes 2+ end users and technology provider(s)

# The value of EIT Manufacturing



Creating a European Data Ecosystem



dione-x



Lin-X/AMIDS



Total funding ~33M€ (non-EIT), EITM share ~1.2M€ (2021-2025)

High visibility across the manufacturing community

Business opportunity for EITM as federator of a manufacturing data ecosystem



- Join us today!
- 1,600+ members and counting!

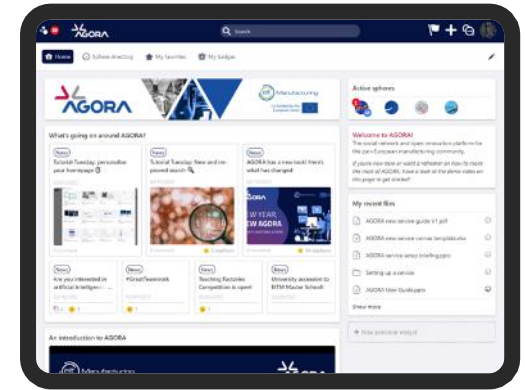


# Open innovation and networking

Latest tech developments,  
industrial use cases,  
insights and discussions

Networking  
and meeting

One-stop shop for EITM  
& Manufacturing news  
and activities



<https://agora-eitmanufacturing.eu>

# EIT Manufacturing – Partnership model

## Service portfolio for core partners

- Individual support by our team
- Corporate challenges (private or public)
- Participation in EIT Manufacturing working groups (starting in Q2/23)
- Access to innovative young companies (for business and investments)
- Access to talents (Master and PhD school, EIT Manufacturing activities)
- Access to EU funds (EIT Manufacturing or others in collaboration with our partner network)
- Access to our online platforms e.g., innovation platform AGORA
- ...





# Thank you!



@EITManufactur  
@EITManufacturing  
eitmanufacturing



Co-funded by the  
European Union

# Interested?

[eitmanufacturing.eu](http://eitmanufacturing.eu)

Co-Location Center (CLC) Central  
Darmstadt, Germany  
Adrian Bablok

[adrian.bablok@eitmanufacturing.eu](mailto:adrian.bablok@eitmanufacturing.eu)

+49 171 867 5932