



The EIT's vision

To become a global innovation leader
delivering world-class solutions to
societal challenges, creating jobs and
improving people's lives.



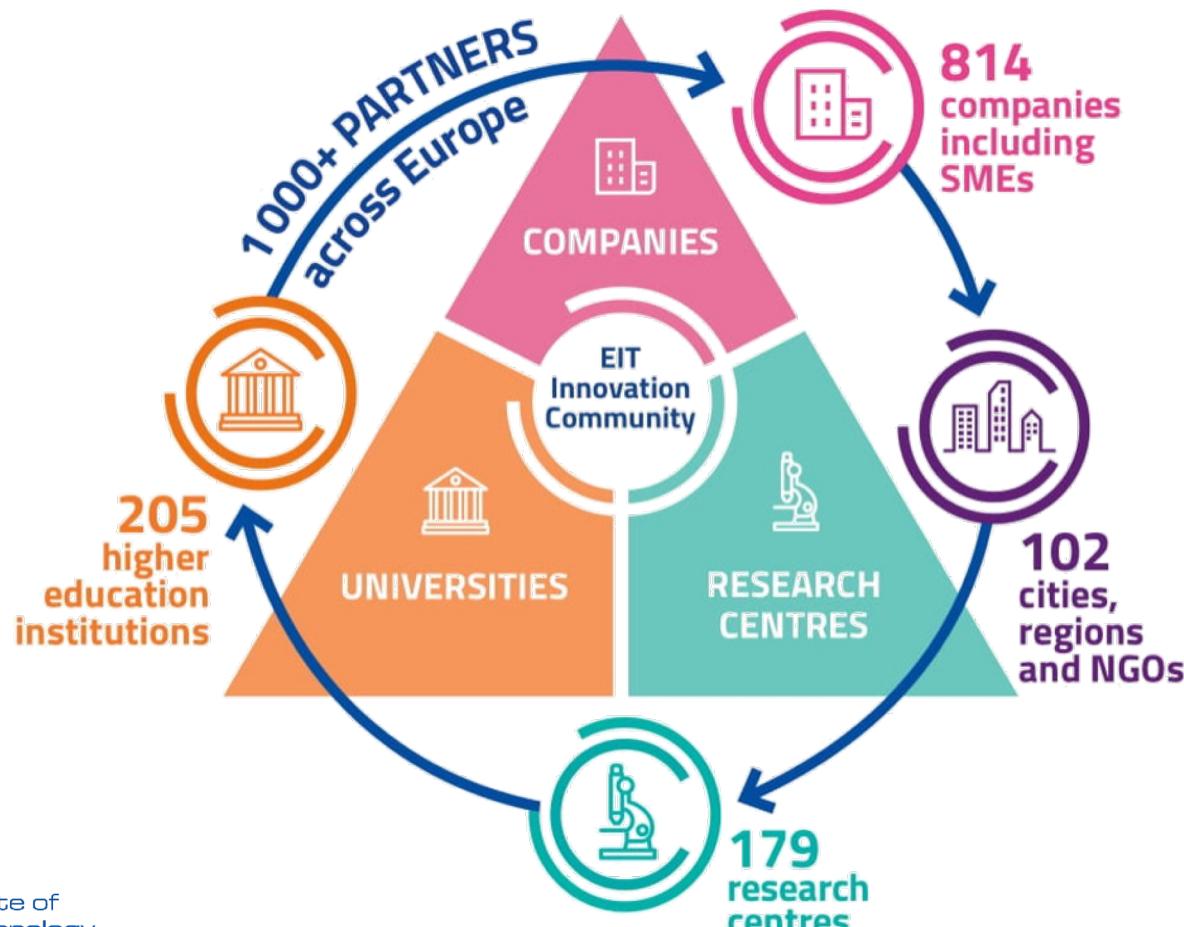
European Institute of
Innovation & Technology

Impact - EIT Community's overarching principle



European Institute of
Innovation & Technology

Europe's largest innovation community



European Institute of
Innovation & Technology

EIT Community - focus on societal challenges



European Institute of
Innovation & Technology

A''

Aalto University

Industrial Internet
Campus



Manufacturing

Inspire the creation of
globally competitive
and sustainable
manufacturing



EIT Manufacturing has six strategic objectives

STRATEGIC OBJECTIVES

1. Excellent manufacturing skills and talents
2. Efficient manufacturing innovation ecosystems
3. Full digitalisation of manufacturing
4. Customer-driven manufacturing
5. Socially sustainable manufacturing
6. Environmentally sustainable manufacturing

PROGRAMMES

Education Empower
Connect
Engage

Innovation Launch
Develop
Grow

Business Creation Create
Accelerate
Transform

Goals of EIT Manufacturing by 2030

GOALS BY 2030



Create and support **1000** start-ups



60% of manufacturing companies adopt sustainable production practices



EUR 325 million investment attracted by EIT Ventures



50 000 people trained and up- or re-skilled



Create **360** new solutions



30% of material use is circular

EIT Manufacturing Partners

Austria:

- TU Wien
- Atos
- Magna
- Voestalpine

Belgium:

- OCAS-ArcelorMittal

Czech Republic:

- Czech Technical University

Estonia:

- University of Tartu

Finland:

- Aalto University

France:

- CEA
- CT-IPC
- Arts et Métiers Paris Tech
- Aerospace Valley
- ESI Group
- FIVES

Germany:

- TU Braunschweig
- TU Darmstadt
- Bremer Institut für Produktion und Logistik
- German Research Center for Artificial Intelligence

Italy:

Ireland:

- Laboratory for Manufacturing Systems and Automation

Ireland:

- University College Dublin

Lithuania:

- LINPRA

Portugal:

- Institute for Systems and Computer Engineering, Technology and Science
- Sonae

- Polytechnic University of Milan
- Polytechnic University of Turin

- Arduino

- Avio Aero

- Brembo

- COMAU

- PRIMA

- Whirpool Europe

Slovakia:

- Slovak University of Technology
- Spinea

Spain:

- IK4 Research Alliance
- Tecnalia
- Aernnova
- ITP Aero
- Mondragon

Sweden:

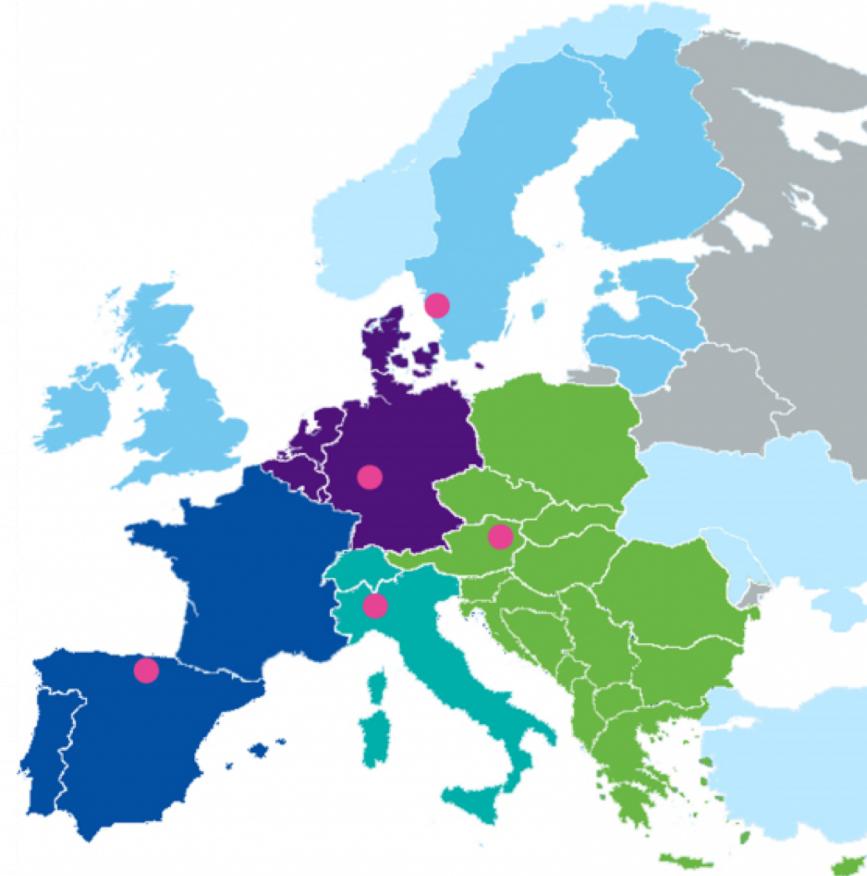
- Chalmers University of Technology
- Research Institutes of Sweden
- Sandvik Group
- Volvo

The Netherlands:

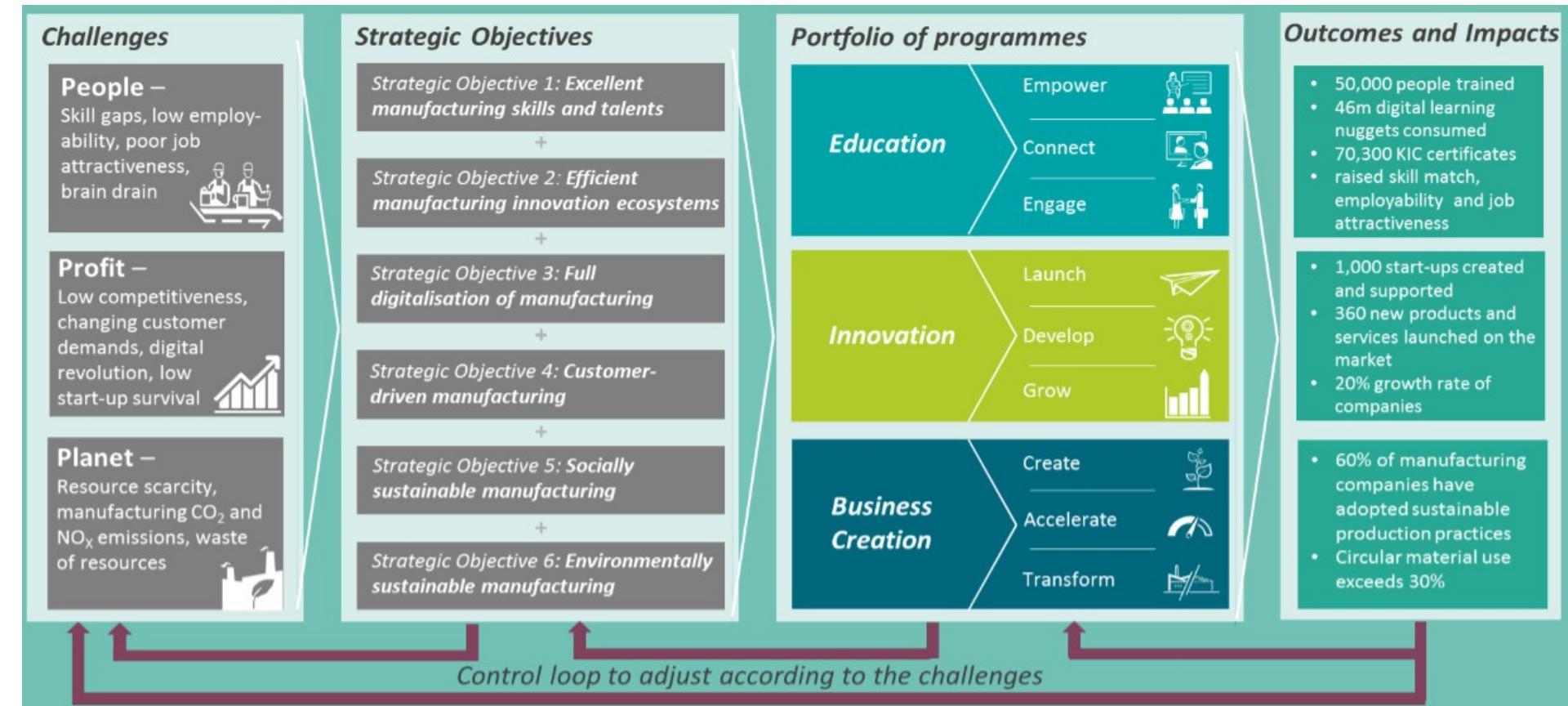
- TU Delft
- Accell Group



EIT Manufacturing in Europe



EIT Manufacturing strategy and implementation plan



EIT Manufacturing Flagships

People and robots for sustainable work

- Human-robot collaboration
- Mobile connectivity
- Exoskeletons
- ...



Additive manufacturing for full flexibility

- Supply & produce on demand
 - Multimaterial printing
 - Subassembly printing

Zero-defect manufacturing for a CE

- Digital twins and dematerialisation
- Eco-design
- Additive manufacturing

Platforms for digitalised value networks

- Deployment of digital platforms
- AI applications for SMEs in value networks
- Improving digital platform integrator base in Europe

Education Programmes

Education programmes explicitly empower European companies with people that are capable and inspired to shape the future of manufacturing

Empower Program

- Bachelor/Master/PhD programmes
- Professional trainings at workplace
- Professional training around workplace

Connect program

- Create Guided Learning Platform
- Create Nuggets
- Interact with Learning / Teaching Factories

Engage Program

- Engage Society
- Engage Pupils
- Cross-Industry Engagement

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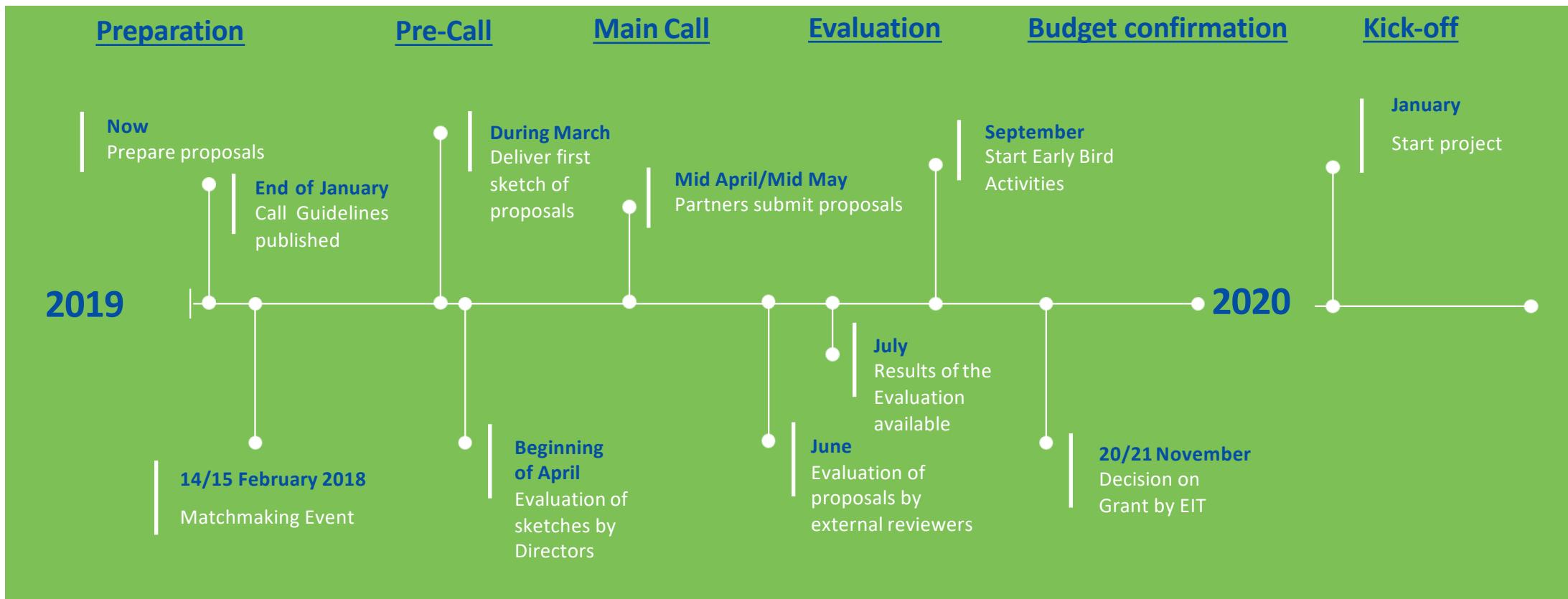


Manufacturing

OPEN CALL! 2019



EIT Manufacturing: 1st Call



Thematic area and principles

EIT Manufacturing targets to attract proposals for a total EIT Grant of **€30-35m in 2020**.

