

PRÍLEŽITOSTI PODÁVANIA PROJEKTOV V TÉME ADITÍVNEJ VÝROBY V RÁMCI EIT MANUFACTURING

European Institute of Innovation and Technology (EIT)

- *created in 2008*
- *synergies and cooperation between higher education research and entrepreneurship – knowledge triangle*
- *part of the Horizon 2020*
- *EIT Headquarters is situated in Budapest*

EIT Knowledge and Innovation Community (KIC)



- *are created by the EIT in different areas - to boost innovation in Europe, create growth, jobs and entrepreneurs*
- *each KIC has its own structure, strategic objectives, internal rules and calls for projects within KIC*
- *every KIC has several regional Co-Location Centres (CLC - local administrative and operational support for the partners and coordinate local activities and resources)*

There are currently eight Knowledge and Innovation Communities:

EIT Climate-KIC

EIT Digital

EIT InnoEnergy

EIT Health

EIT Raw Materials

EIT Food

EIT Urban Mobility

EIT Manufacturing



EIT Manufacturing

Strategic Objectives:

- * Excellent manufacturing skills and talents - upskilled workforce and engaged students*
- * Efficient manufacturing innovation ecosystems - ecosystems for innovation, entrepreneurship and business transformation focused on innovation hotspots*
- * Full digitalisation of manufacturing - digital solutions and platforms that connect value networks globally*
- * Customer-driven manufacturing - agile and flexible manufacturing that meets global personalised demand*
- * Socially sustainable manufacturing - safe, healthy, ethical and socially sustainable production and products*
- * Environmentally sustainable manufacturing - making industry greener and cleaner*

EIT Manufacturing

Structure

EIT Manufacturing has five Co-Location Centres (Innovation Hubs) across the Europe, which follow regional principle:

CLC West – *situated in Bilbao, for region: France, Portugal, Spain*

CLC Central – *situated in Darmstadt, for region: Germany, The Netherlands, Belgium*

CLC North - *situated in Gothenburg, for region: Finland, Sweden, Estonia, Lithuania, Ireland*

CLC South - *situated in Milan, for region: Italy, Switzerland*

CLC East - *situated in Vienna, for region: Czech republic, Greece, **Slovakia**, Austria*

Source and more information on website:

<http://eitmanufacturing.eu/>

Call for Proposal – EIT Manufacturing – Important Information

Activity proposals are solicited in the **Areas (pillars)** of

- *Innovation*
- *Education*
- *Business Creation*
- *RIS (Regional Innovation Scheme) activities*

All proposals must contribute to one of the **flagships:**

- *People and Robots for Sustainable Work*
- *Additive Manufacturing for Full Flexibility*
- *Zero Defect Manufacturing for a Circular Economy*
- *Platforms for Digitalized Value Networks*

FLAGSHIP: Additive Manufacturing for Full Flexibility

- Additive manufacturing of multiple material combinations can enable **high-value personalised products and advanced servitisation**.
- **New networked manufacturing paradigms** become possible, contributing to meet economic, social and environmental challenges.
- This flagship will foster “push-button” additive manufacturing technology in highly flexible manufacturing systems, where more bits and fewer atoms are moved to reach a final product.
- Also, **dynamic value networks with “supply and produce on demand”** will be fostered for new industry sectors.
- **Examples** of relevant technologies are multimaterial printing, one-step printed sub-assemblies, and automated surface finishing.

Call for Proposal – EIT Manufacturing – Basic Conditions

- at least **two** different Innovation Hubs (IHs, sometimes also called Co-Location Centres - CLCs)
- Consortia of no more than **five partners**
- duration of Activities should be between **one and three years** – but every year needs to be included into Business Plan
- It is also expected to create **tangible outputs already in the first year**, like contribution to KPIs (key performance indicators), a go-to-market plan, etc
- One partner organisation needs to take the **lead partner role**
- **2 phases:** pre-call and final call

Call for Proposal – EIT Manufacturing

Financing

- Each Activity consists of:
 - 1. The **KAVA part** is the project that is executed and funded by the partner consortiums to achieve the goals of EIT Manufacturing.
 - KAVAs should build on results created in KCAs
- 2. The **KCA part**: funded by non-EIT sources (typically, an FP7 or H2020 project
- but also company internal development programmes KCAs produce results that are of relevance for the KAVA and are used by it in one way or another to achieve the Activity targets.

How to engage industry into KAVA calls

1. Core partner
2. *Activity Partner*

Activity Partner

- participation for SMEs and start-ups will be activity based
- so-called “Activity Partners” will have to accede the Framework Partnership Agreement (FPA) for the fixed period, however they will not need to become members of the KIC legal entity
- Participation will automatically expire at the end of a pre-specified period.
- Activity Partners collaborating through this model will pay a reduced yearly fee, i.e. 7.5% of the yearly funding received, capped at EUR 50,000

Call for Proposal – EIT Manufacturing

Benefits of participation in EIT KIC

- *international cooperation between universities, research institutes and business sector*
- *networking and matchmaking - more opportunities to find partners in other countries interested in the same thematic*
- *higher success possibility for calls than in H2020*
- **New KAVA call expected to be launched on January/February 2020**

More info: <http://eitmanufacturing.eu/>

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Thank you for your attention