

Project Brochure

# MAT 4EU

Advanced  
Materials

for a Sustainable  
European Future

## Background

**Advanced Materials (AM)** are engineered for superior performance and sustainability, driving innovation across energy, electronics, construction, mobility, aerospace, and healthcare. Recognised in the Materials 2030 Manifesto and as one of the EU's ten critical technology areas, **AM are crucial for Europe's industrial competitiveness and the twin green and digital transitions.**

*Despite high R&D investment, the EU holds only 15% of AM patents, trailing the US and Japan, and growth is stagnating, risking dependence on external innovation. The Draghi Report and the 2024 European Commission strategy call for boosting EU leadership by accelerating R&D, scaling up production, and speeding industrial adoption. Four strategic pillars: research & innovation, lab-to-fab transfer, financing, and production will build an inclusive EU AM ecosystem, with IAM4EU and the Technology Council driving implementation.*

## 4 advanced materials



Metal



Ceramics



Polymers



Composites

## 6 sectors

The MAT4EU project aims to structure the European advanced materials ecosystem by bringing together six European clusters active across various industrial sectors.



Mobility



Aerospace  
& Defence



Construction



Agri-food  
Packaging



Renewable  
energy



Health

## Approach

Two Open Calls for proposals with two cut-off dates will be launched, providing the laureates with direct financial support:

1st OPEN CALL

SMEs will apply for projects with an overall budget of



**80k€**

75% cascade funding up to  
**60k€**

2nd OPEN CALL

SMEs will apply for projects with an overall budget of



**45k€**

75% cascade funding up to  
**33,750€**

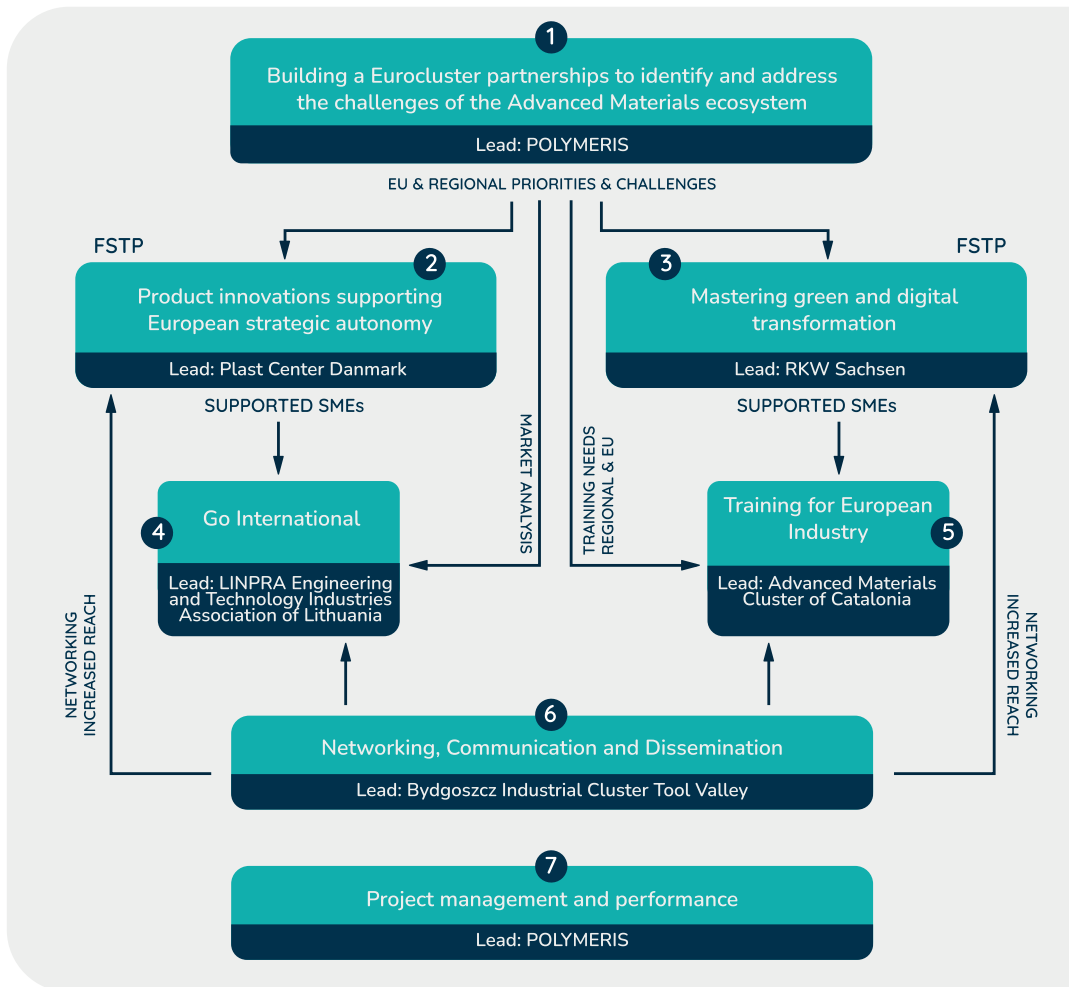
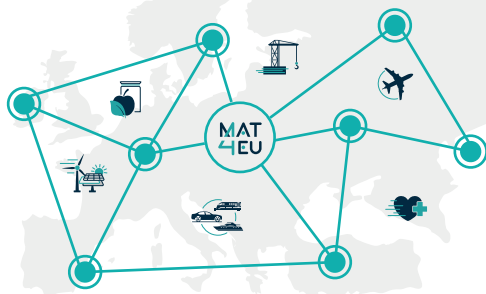
# MAT 4EU

MAT4EU will support up to 46 European SMEs that benefit from cascade funding to participate in projects to enhance their competitiveness, sustainability, and/or digitalisation, and/or to innovate business processes:

**16** in the development of new products and services based on Advanced Materials to reduce their reliance on critical inputs and/or non-EU technologies  
**30** focused on materials in their Digital and Sustainable Transition.

# MAT4EU will facilitate SME access to global supply chains and international markets.

The project will provide training tailored to the needs of the European and regional advanced materials ecosystems to foster workforce upskilling and reskilling.



The project will identify key partnerships necessary to promote the development and adoption of advanced materials, thereby **improving the strategic autonomy and competitiveness of the European industry.**

# Consortium

This partnership brings together six top European clusters to forge a unified Advanced Materials ecosystem. Leveraging regional strengths and established networks, the initiative drives collaboration and innovation across Europe.

# MAT 4EU



**France**  
POLYMERIS  
Project coordinator



**Spain**  
Advanced Materials Cluster  
of Catalonia



**Poland**  
Bydgoszcz Industrial Cluster  
Tool Valley



**Lithuania**  
LINPRA – Engineering and Technology  
Industries Association of Lithuania



**Denmark**  
Plast Center Danmark



**Germany**  
RKW Sachsen



## PROJECT INFO



**Duration of the Project:** 1.10.2025 – 30.09.2028



**Project budget:** 2 702 463,91 EUR  
**EU co-financing:** 2 623 941,00 EUR



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