

Manufacturing and Digital Policy

VDMA Infotag « Betrieb von
Datenräumen »

12 March 2025

Advanced Manufacturing Report: Main findings

The advanced manufacturing industry in Europe is strong, yet under increasing pressure from international competitors.

Global Firm Presence

The EU is home to 10% of firms, the US has 17% with China at 45%. 72% of firms in the EU/US/CN.

Growth and Innovation

The number of firms doubled in the EU between 2009 and 2023, however China leads. The EU filed 18,000 patents in manufacturing tech in the same period.

Scaling and Venture Constraints

European VC struggled connecting to firms. Globally, 1 out of 10 euros invested are in the EU. Within the EU, DE captured 60% of VC. Main firm locations are in DE, FR, IT, ES.

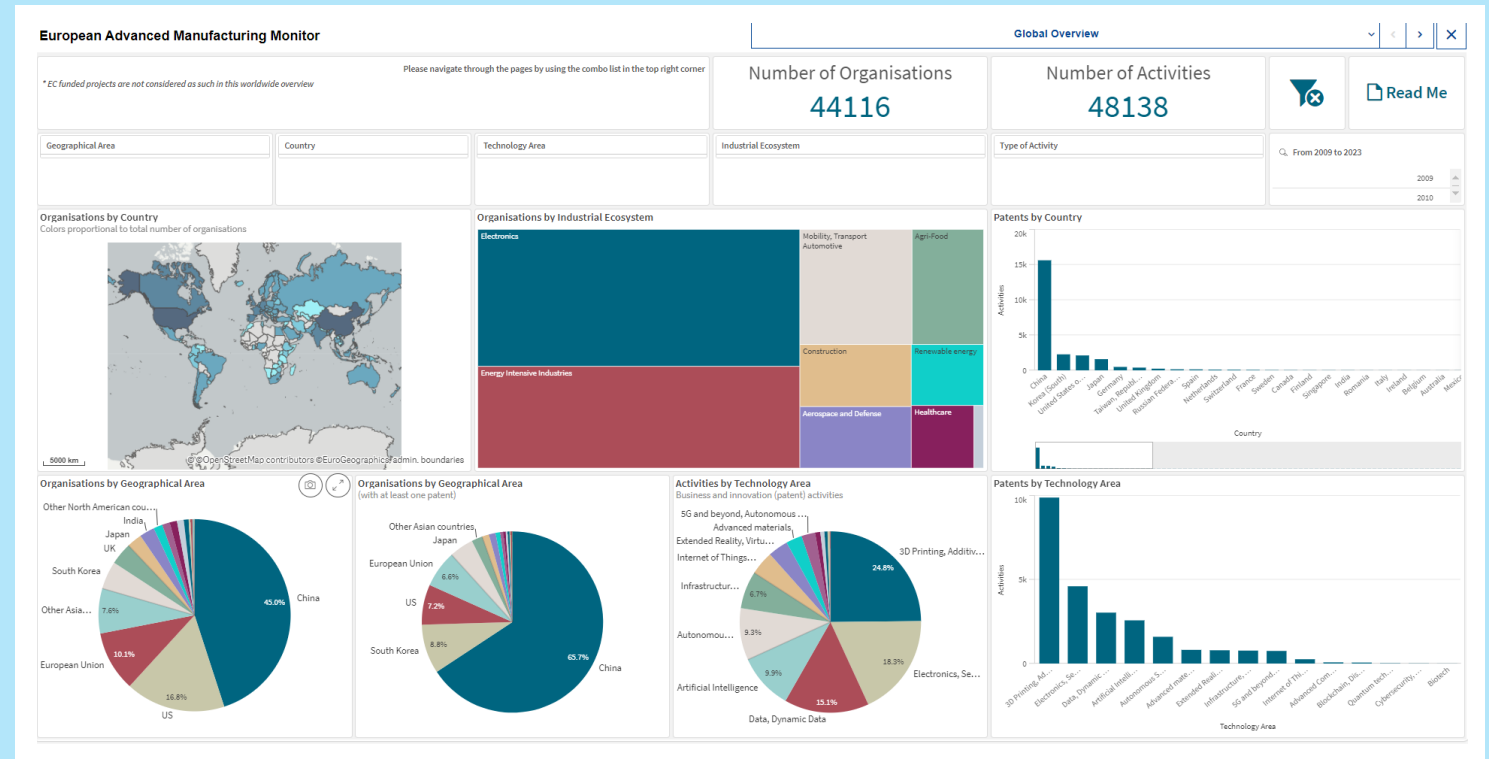


Advanced Manufacturing: Get your own policy insights

The advanced manufacturing tool **draws specific insights** on:

- 1) Manufacturing technology
- 2) Industrial ecosystems
- 3) Geographic concentration
- 4) Business activity
- 5) Innovation ecosystems
- 6) Company ownership
- 7) EU Funding to Industry
- 8) Time filtering feature

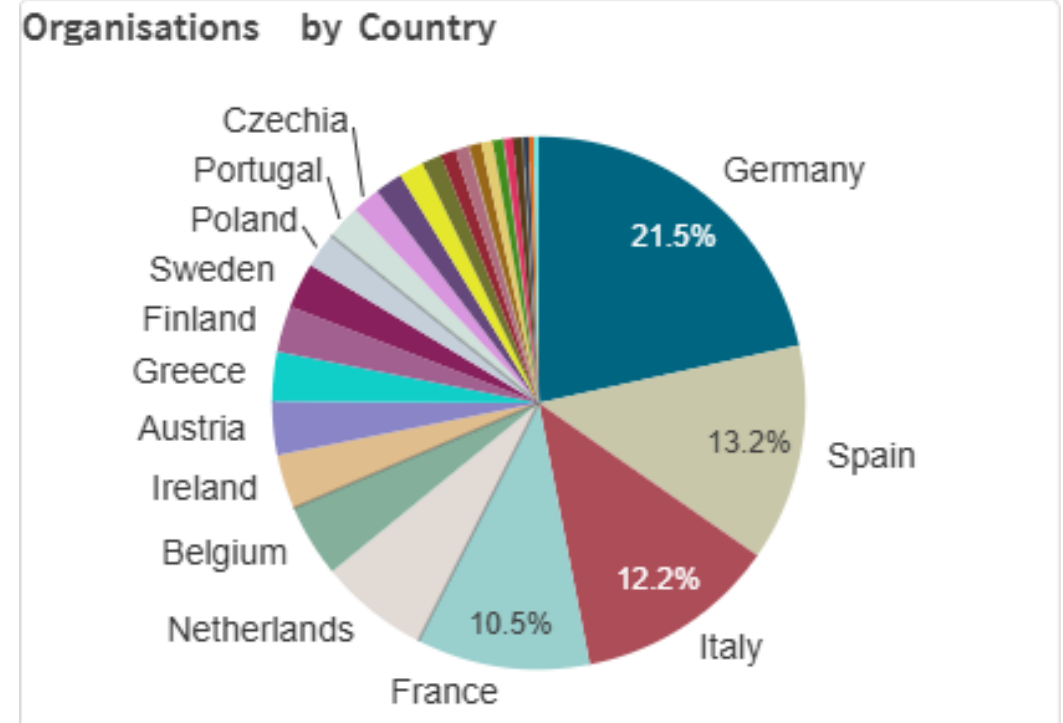
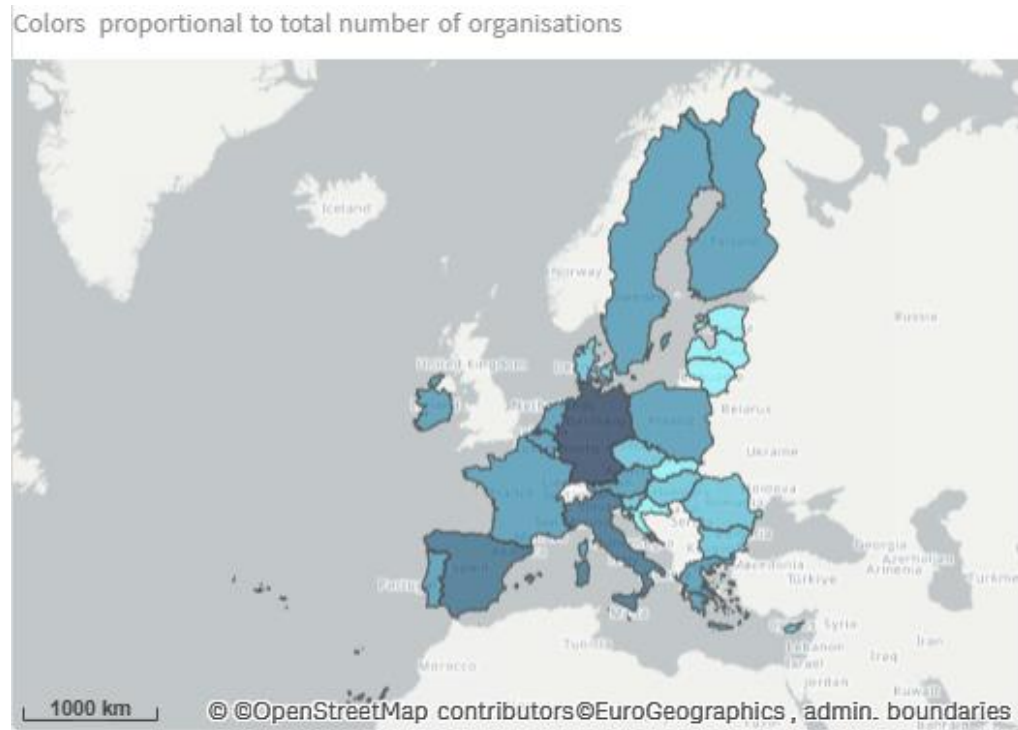
European Advanced Manufacturing Monitor:
https://web.jrc.ec.europa.eu/dashboard/DGTES_ADMAN/index.html



Source: JRC, GROW: Strategic Insights into the EU's Advanced Manufacturing Industry (2024) Online Tool



Advanced Manufacturing (AI & data)



Number of organisations: 3109

Source: European Advanced Manufacturing Monitor

Challenges

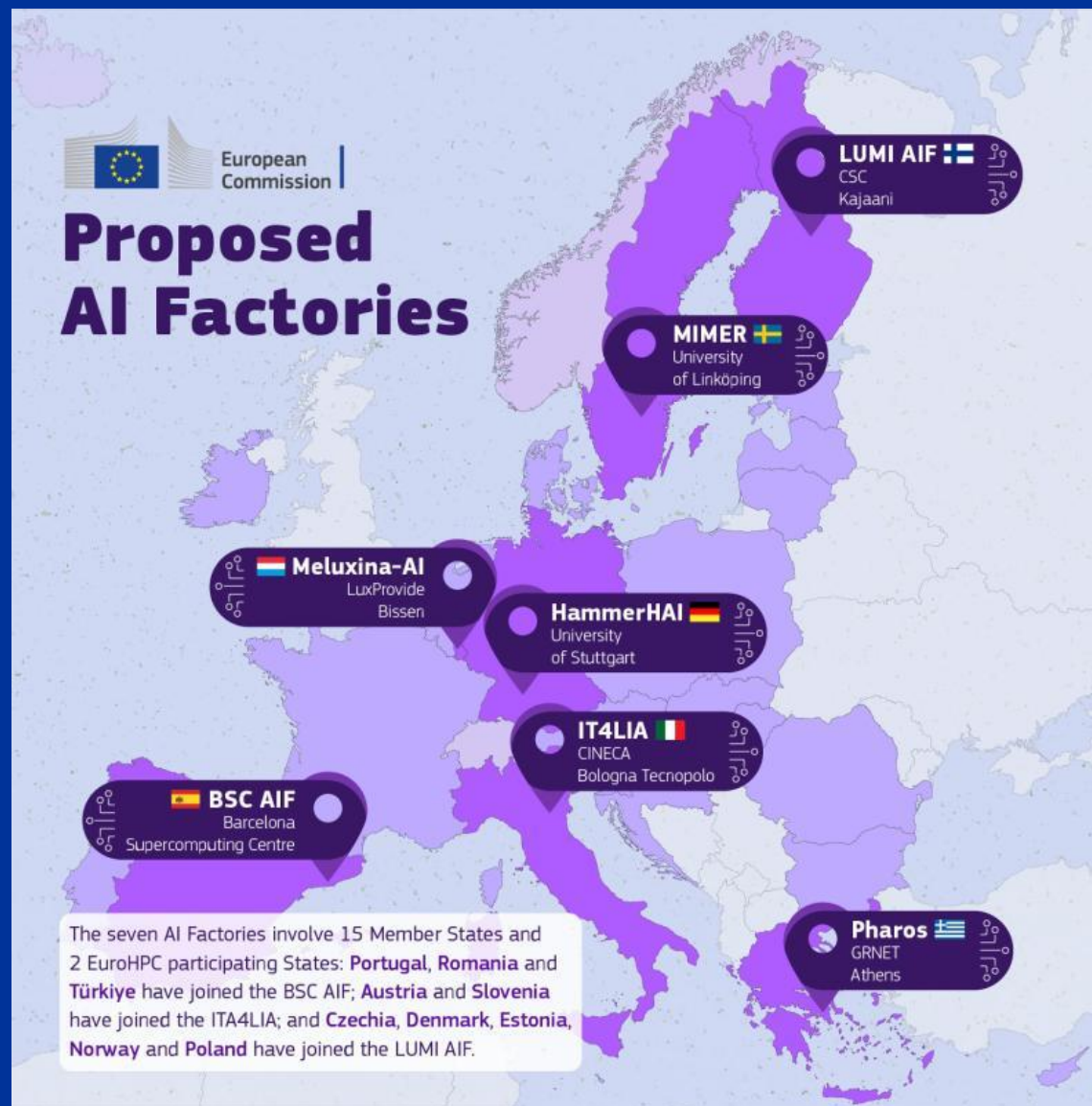
- Access to infrastructure
- Access to data
- Access to finance
- Access to skills

AI Innovation Package / AI Invest

- AI Factories
- 'GenAI4EU' initiative: Horizon Europe Work Programme 2025, European Innovation Council Work Programme 2025
- Development and deployment of Common European Data Spaces
- AI Invest initiative: to mobilise €200 billion for investment in AI, including a new European fund of €20 billion for AI gigafactories



AI Factories



European Digital Innovation Hubs

One-Stop Shops: “Test before invest”

Support Services: funding and investment opportunities

Focus areas: Artificial Intelligence (AI), high-performance computing, cybersecurity, advanced manufacturing, and digital skills

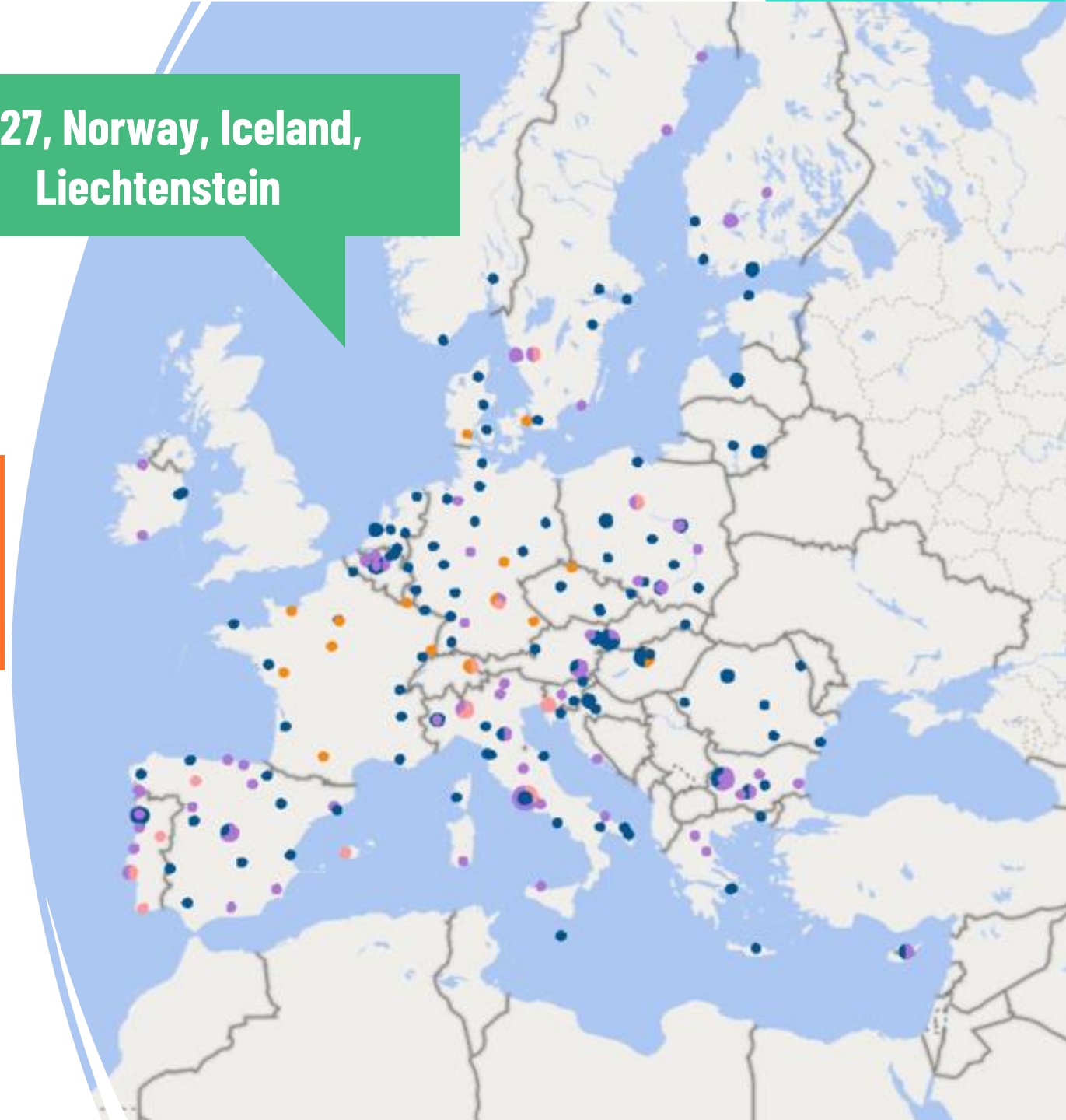


European EDIH landscape

**EU27, Norway, Iceland,
Liechtenstein**

**200+ EDIHs to meet the demand of
SMEs and public organisations with
digitalisation services**

**huge portfolio of technologies &
coverage of economic sectors**



Thank you



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