The role of materials in European policies: focus on advanced materials

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European Commission

Increasing demand for advanced materials

- Key to achieve goals of **green and digital transitions** and Europe's competitiveness and sovereignty
  - Improve efficiency and performance across many sectors
  - Fundamental for clean and deep tech
  - Potential to substitute critical raw materials

- **Effective and efficient ecosystem for advanced materials needed in Europe** to ensure both leadership in research and fast-tracks innovations to the EU single market

- **Need to team up at all levels and align** better industry needs with research capacities

Milestones for advanced materials

27 Feb. 2024

Commission Communication on Advanced Materials for Industrial Leadership

15 Nov. 2024

Technology Council for Advanced Materials first meeting

May 2025

1st Horizon Europe WP with IAM4EU topics

7 June 2025

Signature of Mou of European Partnership on advanced materials

Oct. 2025

Advanced Materials Academy

6 March 2026

Adoption of the revised recommendation on safe and sustainable by design (SSbD)

March 2026

Candidate IPCEI on circular advanced materials – first calls for expression of interest

June 2026

Materials Commons Horizon Europe project kicks off

Q4 2026

Advanced Materials Act

iAM4EU
Innovative Advanced Materials For Europe

Other activities

- **European Innovation Council:**
  - **2025:** Accelerator Challenge on ‘Acceleration of advanced materials development and upscaling along the value chain’ (50M€).
  - **2026**: Accelerator challenge on ‘Advanced materials for cleantech’ (50M€).
  - **2027**: Pathfinder challenge on ‘Groundbreaking breakthroughs in Advanced Materials for Future Resilient, Sustainable, and Efficient Grids’.

- **Public procurement:** Coordination and Support Activity under Horizon Europe planned for mid-2026 to create a Europe-wide consortium of public procurers that together define unmet procurement needs for innovative solutions based on advanced materials.

- Advanced Materials for Industrial Leadership - Research and innovation

Advanced materials - a priority for 2026

State of the European Union 2025

"*I am convinced: the future of clean tech will continue to be made in Europe.*

But for that, we also need to make sure that our industry has the materials here in Europe."

Objectives Advanced Materials Act

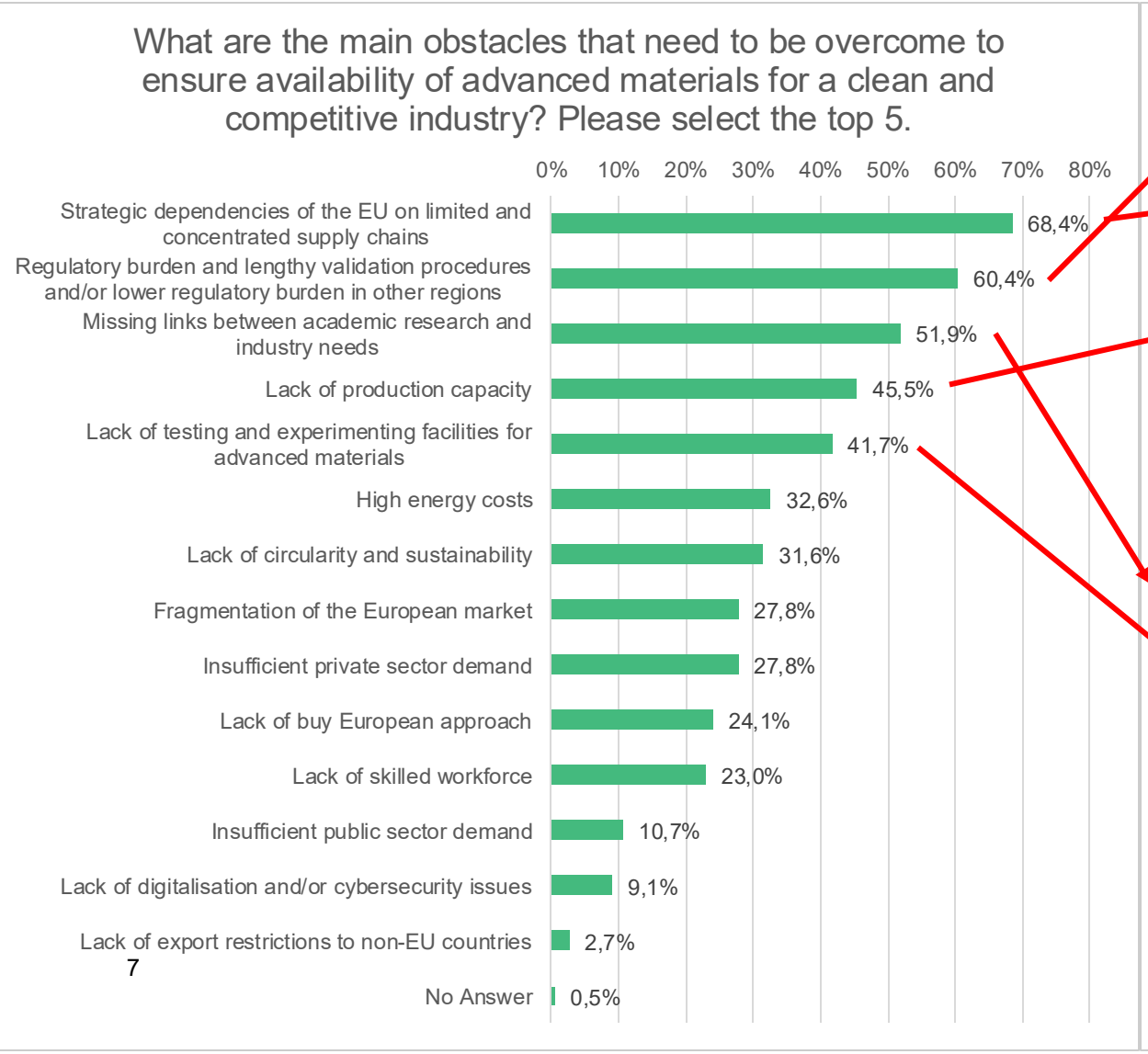
Simplification

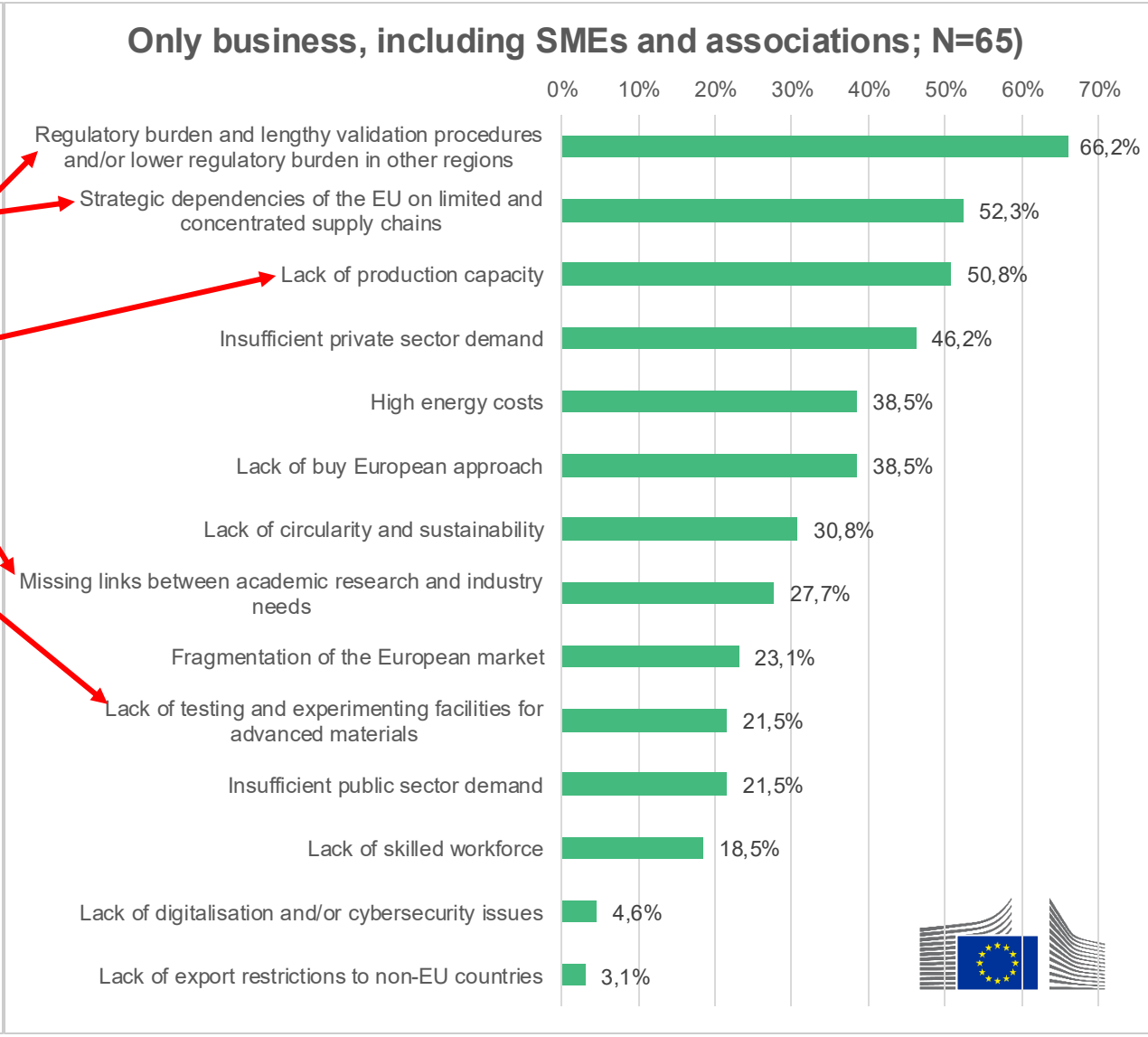
Increase strategic autonomy

Shorten lab to market time

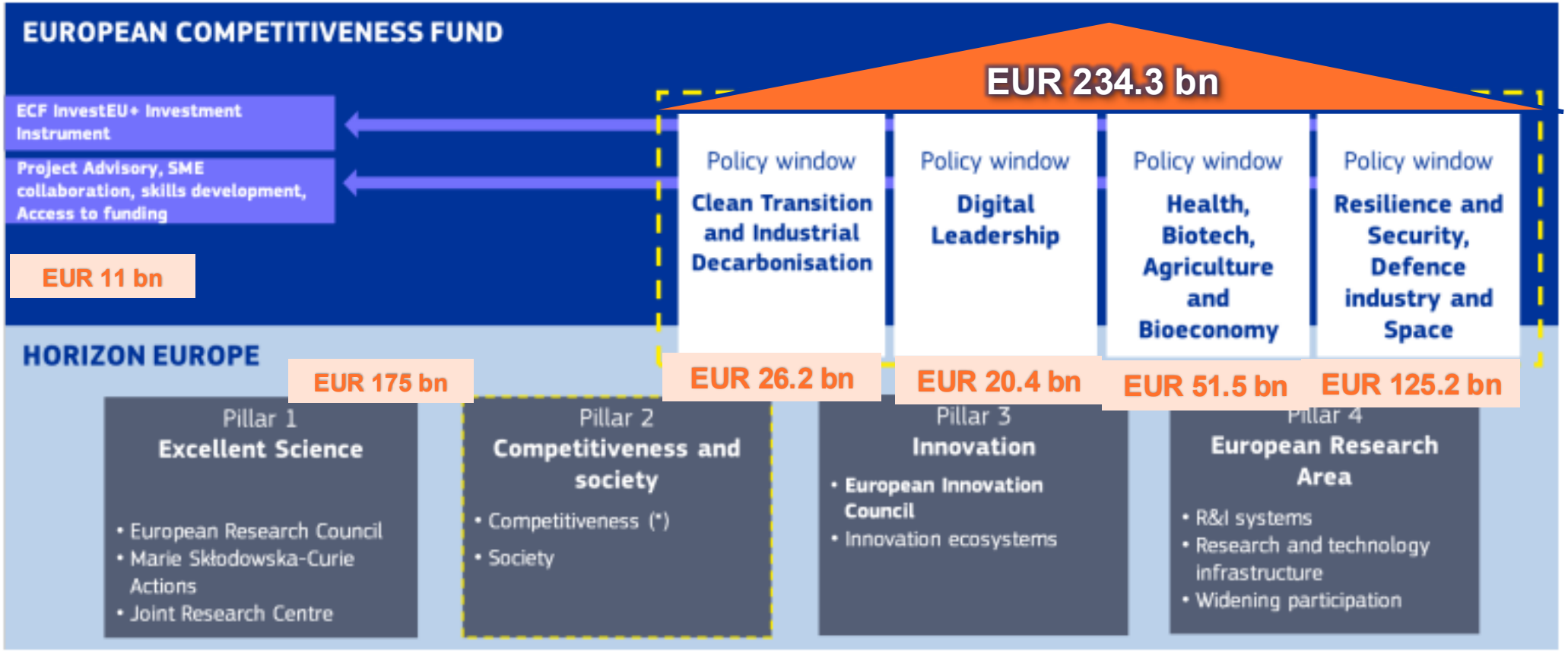
Reduce fragmentation

Call for evidence / public consultation





European Competitiveness Fund & HorizonEurope
for 2028-34



(*) Collaborative R&I consistent with activities in the Competitiveness Fund

Thank you !

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