



# Advanced Materials 2030 Initiative

June 2023

# The Advanced Materials 2030 Initiative ambition

*Advanced Materials, a source of prosperity for the EU society*

## Main challenges, failures, gaps,...



The need of developing increasingly complex advanced materials at an ever faster pace



A fragmented landscape of the stakeholders, competences, resources and initiatives



EU leadership at risk in AdMat innovation and industrial competitiveness challenged in strategic markets

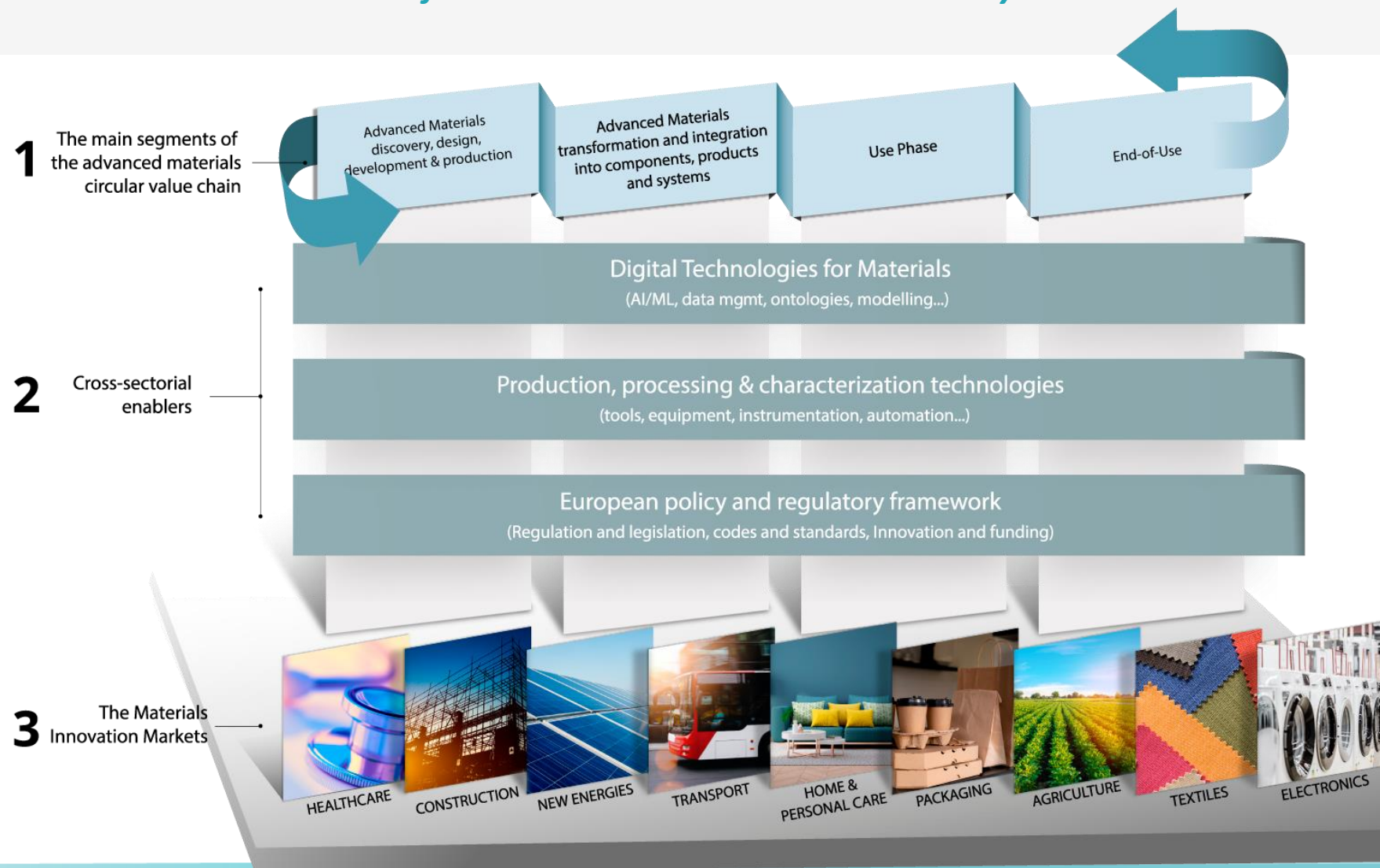


Lack of resilience and sustainability of AdMat value chains

*A multi-sectorial accelerator for the design, development and uptake of safe and sustainable advanced materials towards a circular economy*

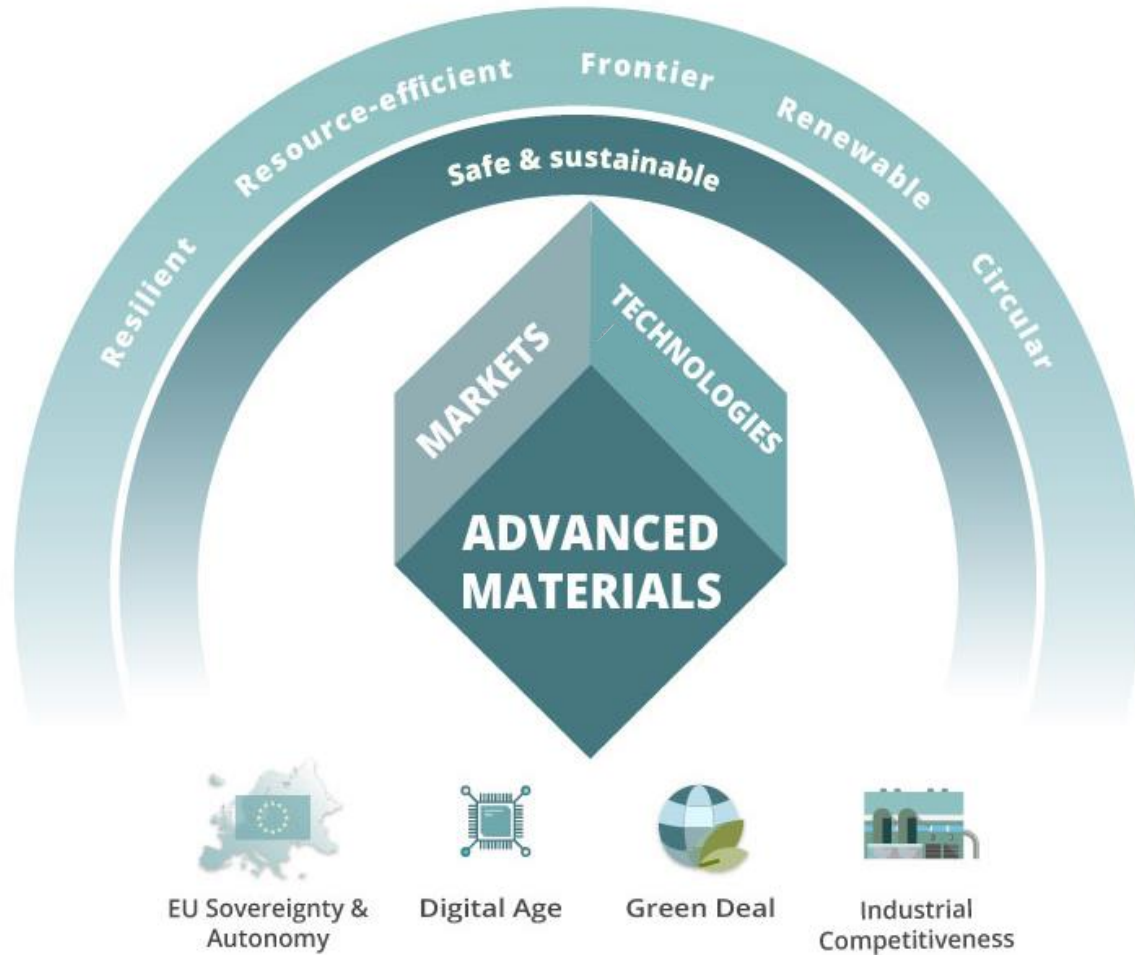
# European Strategic Agenda for Advanced Materials

*Areas of Intervention structured around 3 key dimensions*



# European Strategic Agenda for Advanced Materials

*Cross-cutting needs in advanced materials for maximum impact*



- **Safe and Sustainable**  
*avoiding harm to planet & people; by-design approach*
- **Resilient materials**  
*low/no CRM content*
- **Resource-efficient materials**  
*low embodied resource/low resource use in operation*
- **Circular materials**  
*bio-degradable/recyclable*
- **Renewable materials**  
*non-fossil sourced/bio-sourced*
- **Frontier materials**  
*novel functionalities / customized materials / future applications ...)*

# European Strategic Agenda for Advanced Materials

## *SPECIFIC ACTIONS*

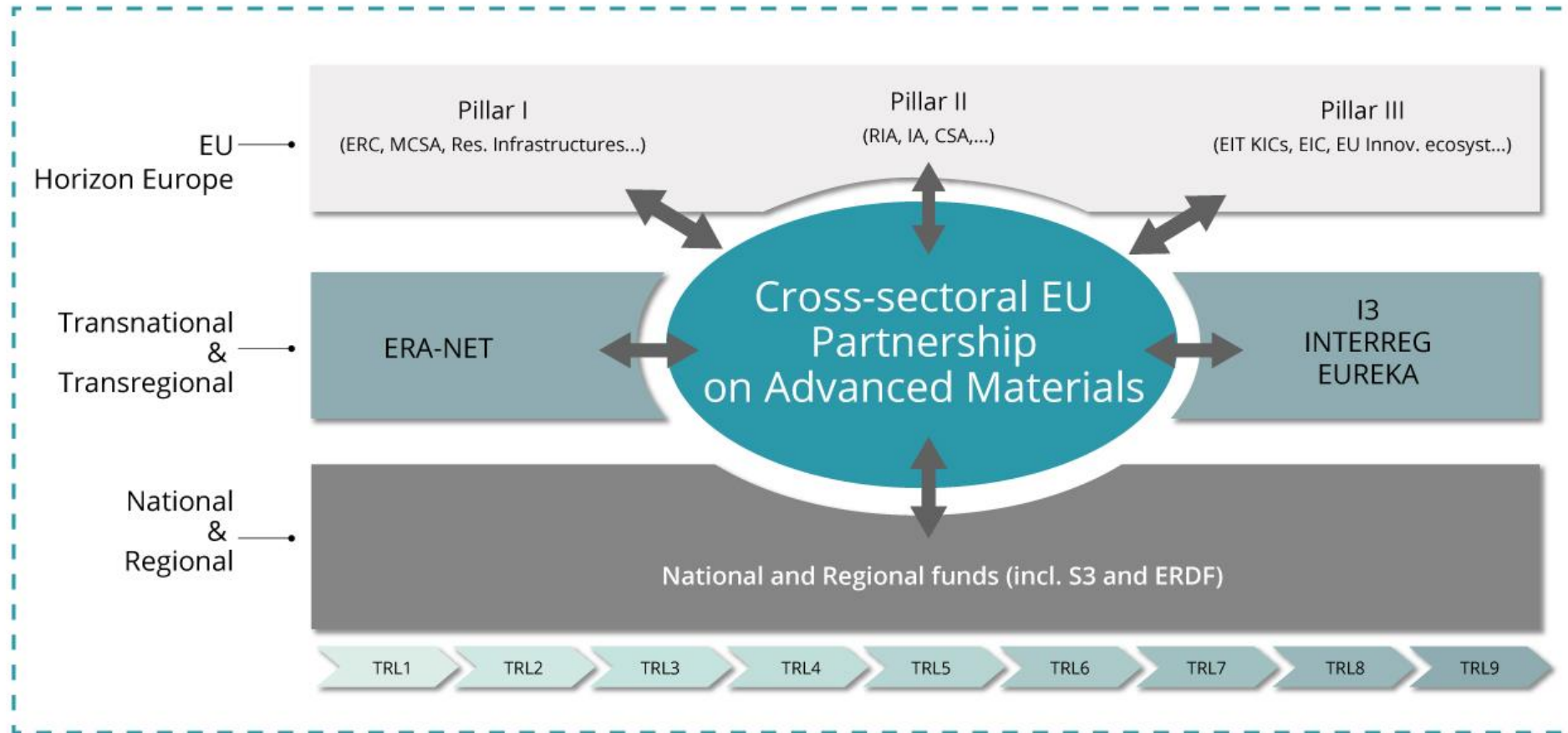
1. | Leverage on **game-changing technologies** for the **fast** development of **scalable** advanced materials solutions
2. | Develop advanced materials **technologies with low environmental footprint** and **circular business models**
3. | Support innovation uptake and **access to infrastructures and services**
4. | Promote the **outreach, dissemination and further exploitation** of results
5. | Contribute to an **efficient implementation of key regulations, norms and standards** supporting the design, development and uptake of advanced materials
6. | **Education & Skills** (Knowledge management)
7. | Paving the way towards an **European advanced materials Innovation Eco-system**
8. | **International cooperation**



# Connecting all AdMats stakeholders and initiatives

*For accelerating the design, development and uptake of sustainable advanced materials towards a circular economy*

## R&I Funding landscape



AMI2030 Platform

# THANK YOU



*Join us!*

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