

**EMIRi**

ENERGY MATERIALS INDUSTRIAL RESEARCH INITIATIVE

*Advanced Materials for Energy and Mobility  
The backbone towards Net-Zero*

November 2022

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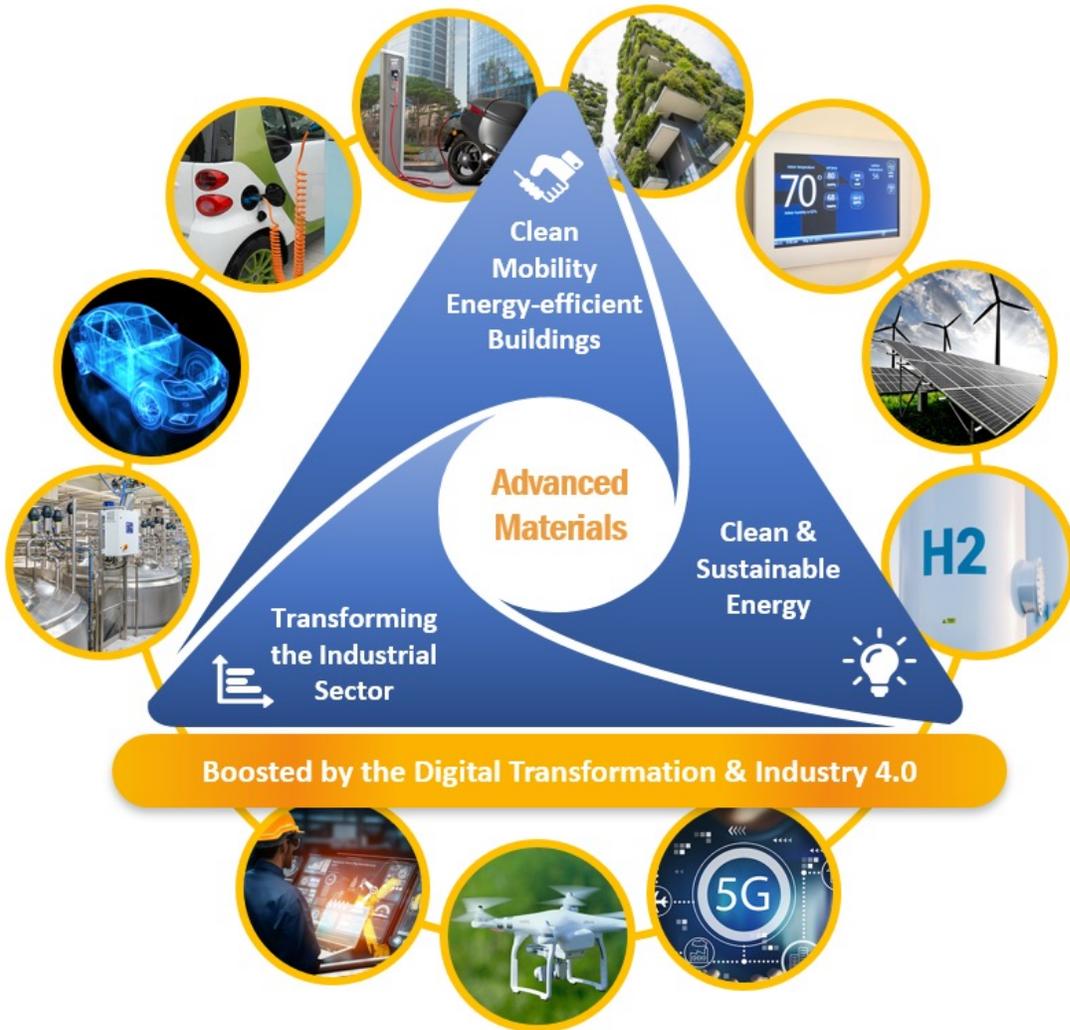
# Advanced Materials are the backbone of innovation for clean and sustainable energy and mobility technologies



**Safer, healthier, smarter, more flexible, more inclusive and more affordable solutions**  
*for an improved well-being to all citizens*

**Make energy and transport carbon-neutral and durable**  
*Resource-efficient in a circular economy approach*

**Achieving at the same time strengthened global competitiveness and autonomy**  
*European energy, transport and energy-intensive sectors*



# Focus public funding on R&I programmes for advanced materials that accelerate our transition to a low carbon future



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ENERGY MATERIALS INDUSTRIAL RESEARCH INITIATIVE

- Align R&I policies with Industrial Strategy – European Green Deal
  - Strategic Value Chains (Batteries, Hydrogen, Low Carbon Industries,...)
    - Alliances, IPCEIs
    - European Partnerships
- European Partnerships
  - Ambitious R&I programs in finding solutions to global challenges, with clear 2030 objectives, strongly supporting EU political priorities
  - Develop more synergies and leverage efforts amongst key actors

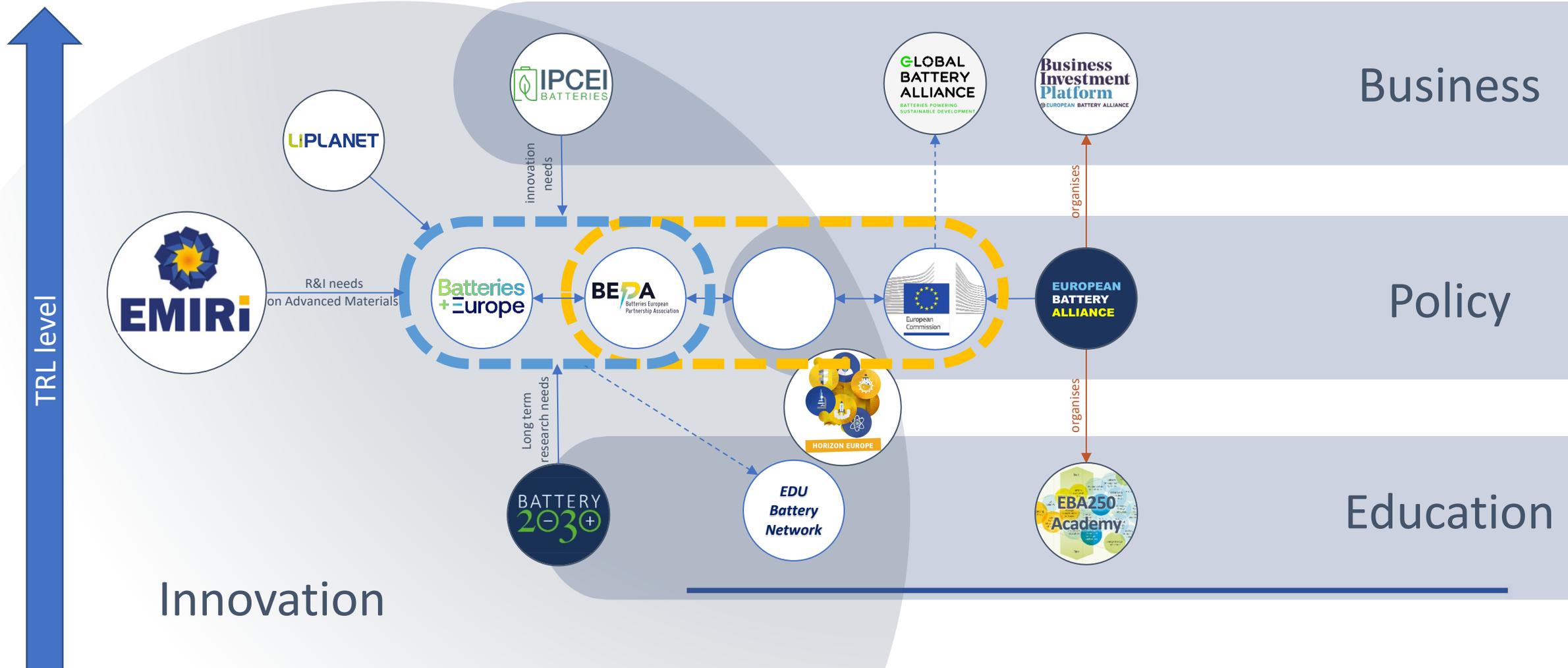
*“European Partnerships are our opportunity to work together to respond and shape the profound economic and social transformations, for the benefit of all EU citizens.” (Mariya Gabriel)*

EMIRI = the “*antechamber*”  
to define Advanced Materials priorities  
for the different Partnerships and regular calls



# European networks stimulate Innovation & Growth

## Structure of the European Battery Ecosystem



# EMIRI is steering the Advanced Materials 2030 Initiative

## *Overarching objectives*

<https://www.ami2030.eu/>



Planet



People



Prosperity

### Green Deal targets



Climate neutral by  
2050



Prevent resource  
scarcity



Reduce environmental  
pollution

Climate  
contribution



Circularity of mat



Zero pollution &  
non-harmful



### Other strategic targets supporting transformation of European industry and society

- Digital transition
- Safeguarding Europe's technology leadership
- Reinforcing European industry competitiveness
- Securing Europe's strategic autonomy

# How to Join the initiative

<b>WHO CAN JOIN?</b>	<p>Any European organisation</p> <ul style="list-style-type: none"><li>✓ with activities of significant relevance for advanced materials development, production, integration, use, recycling...</li><li>✓ which agrees to the Declaration of the Advanced Materials 2030 Initiative</li></ul>
<b>HOW TO JOIN?</b>	<p>By registering via the online form available on <a href="https://ami2030.eu">Join us   Materials 2030 Initiative (ami2030.eu)</a> the organisation (if not yet registered)</p> <ol style="list-style-type: none"><li>1. personal contact details and fields of interest of the individual contributors</li></ol>
<b>HOW TO CONTRIBUTE?</b>	<p>By actively contributing to the working groups</p> <ul style="list-style-type: none"><li>✓ Defining the Areas of Intervention (based on the roadmap)</li><li>✓ Drafting the Strategic Research and Innovation Agenda</li></ul>
<b>WHEN?</b>	<p>The “Join us” communication campaign was launched on <b>October 6, 2022</b></p> <p><b>Stakeholders can join any time...</b></p>

## HOW TO JOIN?

By registering via the online form available on  
[Join us | Materials 2030 Initiative \(ami2030.eu\)](https://ami2030.eu)

## Join the AMI2030 Workshop on November 30 in Mons (Belgium) or Online!

On November 30th from 13h30 to 16h30, AMI2030 is organising a workshop that will take place in a hybrid mode. Participants will have the possibility to connect online or to join us physically in Mons at Materia Nova (Av. Nicolas Copernic 3, 7000 Mons, Belgium). The goal of this workshop is to provide an overview of the Advanced Materials 2030 Initiative progress and next steps with special focus on the roadmap finalization and introducing the 'areas of intervention', that will bridge the roadmap with the upcoming strategic agenda.

For those attending physically, we are also offering a network lunch (starting at 12.00h) and the visit of the MateriaNova facilities (16.45h-18.30h) after the workshop.

Stay tuned for more details!

[Register now!](#)



**AMI2030  
WORKSHOP**  
*NOV 30 13.30h - 16.30h*  
*ONLINE & MONS (BELGIUM)*

# EMIRI promotes, facilitates and supports R&I activities in Europe on Advanced Materials for Clean and Sustainable Energy and Mobility Applications



## INDUSTRIAL LEADERSHIP



supports a competitive European Industry developing solutions based on advanced materials innovations

## STRATEGIC FIT



shapes and implements EU policies for Advanced Materials Research and Innovation

## INNOVATION ECOSYSTEMS



collaborates with public institutions for the implementation of FPs on research & innovation, demonstration and pilots

## NETWORK



acts as catalyst to share knowledge, create a network and facilitate the alignment of the key priorities

## FOCUS



facilitates the co-construction between stakeholders of technology roadmaps for areas in which Advanced Materials make the difference

## SINCE 2012



Building on 9+ years of experience and trust

### EMIRI is an Industry Community coming together ...



### Supported by Research & Technology Organizations



### With key Associations bringing in their expertise

