



# CIRCULARITY OF COMPOSITES: a work-in-progress in Europe

June 12, 2025

# WHO WE ARE...

## ■ VISION STATEMENT

EuCIA is the **European Composites Industry Association**. We are the **unified voice** of the European composites sector across the entire value chain.

## ■ MISSION STATEMENT

We support the **sustainable growth** of the European composites industry and promote the development **of a flourishing business environment**, taking advantage of the combined expertise of all our members.



# OUR MEMBERS

## National Composites Association Members



## Industry sector Members



All together we represent 85 %\* of the European composites market (more than 10 000 companies and an estimated 150 000 employees)

• The European Market for Fibre Reinforced Plastics and Composites 2022, AVK)

## Sponsors



## Partner



# What is Circularity ...





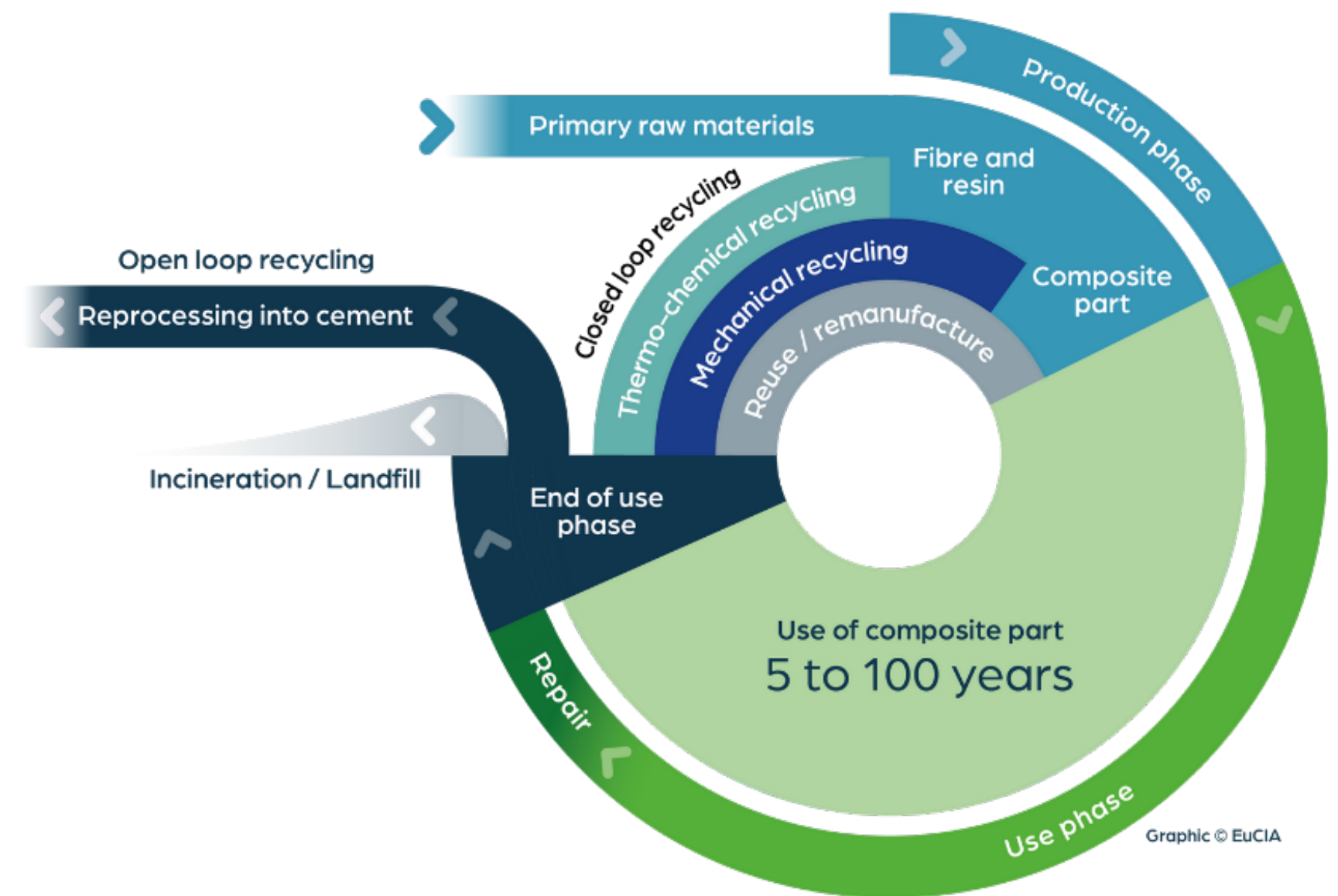
# Fact #1: COMPOSITES ARE MADE TO LAST

- Composite materials enable advanced lightweight design  
*(improved performance, lower environmental impact)*
- Composites provide a **long service life**, and the lifetime can be extended  
*(repair, reuse, repurpose ...)*

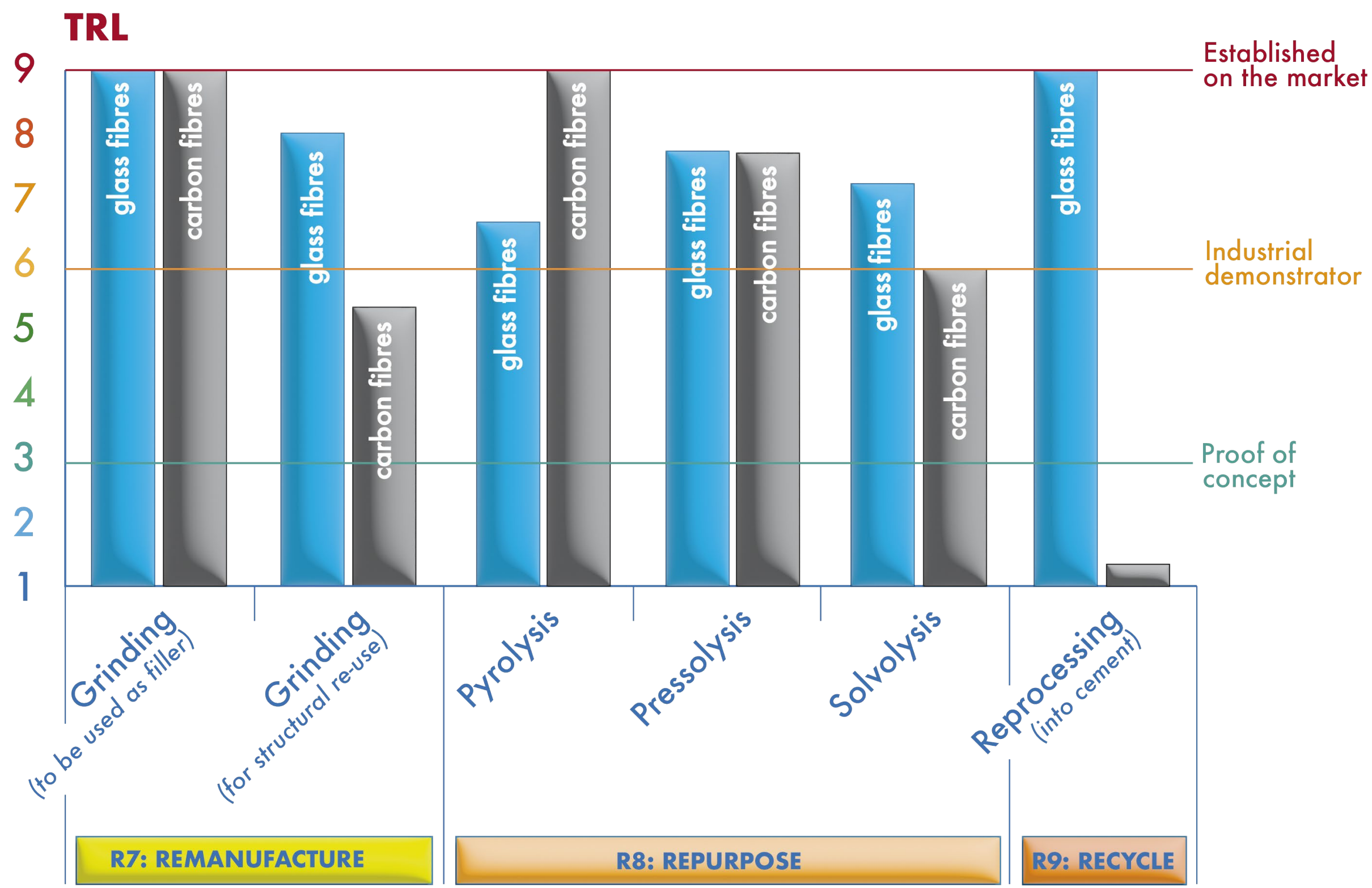


# Fact #2: COMPOSITES CAN BE RECYCLED

- Many **recycling technologies** are already available, and more are under development
- Composites are **circular materials** because they can be **re-used** both in open loop and closed loop

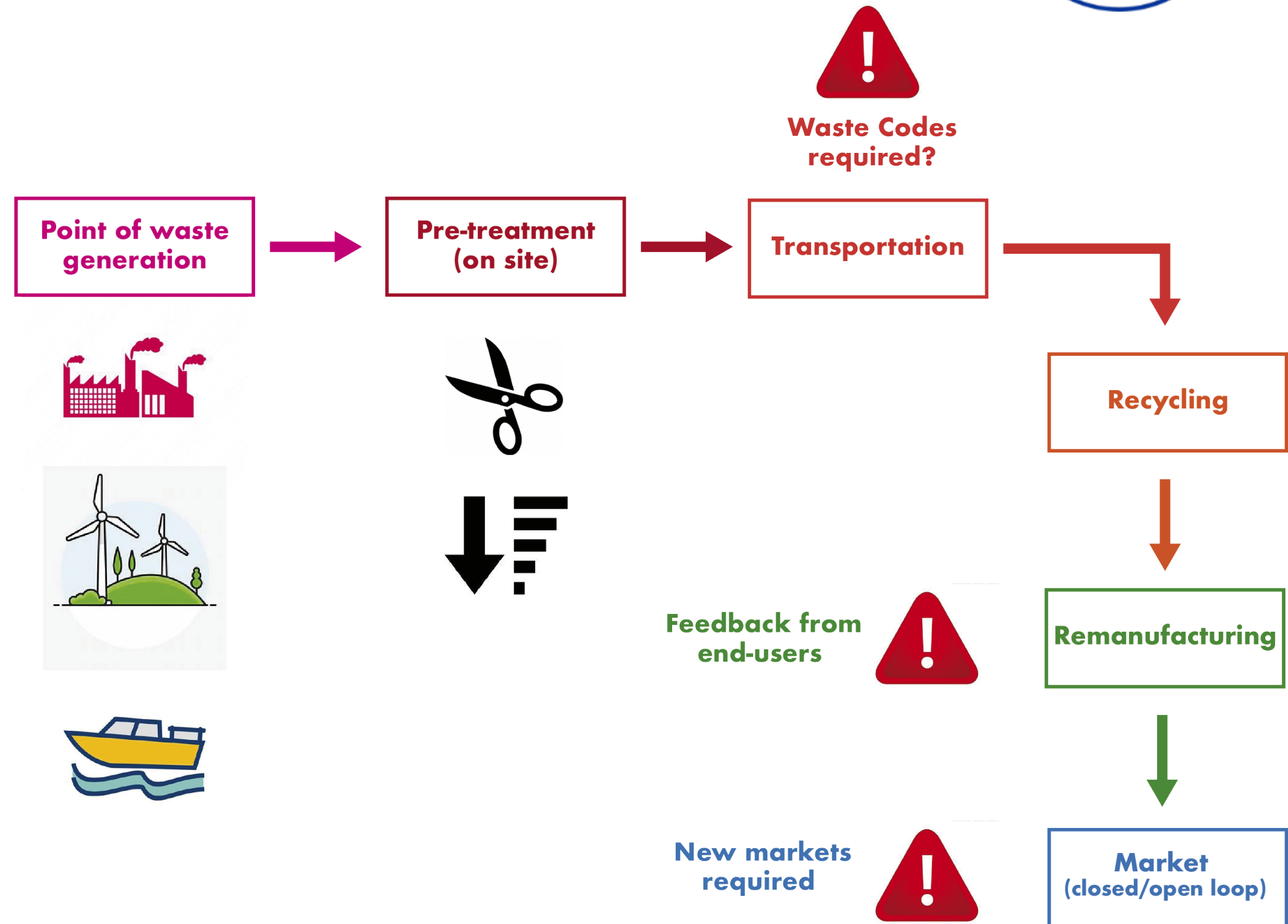


# MANY TECHNOLOGIES ARE AVAILABLE



# WHAT IS MISSING ?

Understand the  
barriers to a  
well-established  
circular economy  
value chain





# WHAT IS REQUIRED ?

Work together  
with all  
stakeholders  
along the value  
chain as well with  
authorities



# Join the



In partnership with



# OBJECTIVES OF THE ECCA



➤ Deliver a circular economy for composite materials by promoting more circular use of composite products through reuse, repair, remanufacture and repurpose.

- Prove that composites are valuable resources for the circular economy.
- Facilitate Composite materials conservation throughout the supply chain
- Identify and resolve barriers for increasing the use of recycled materials into new products
- Develop circularity strategies and design guidelines

➤ Set and deliver on targets for the recycling of existing products



# JOINING CIRCULAR COMPOSITES ALLIANCE MEANS



## ➤ Commit to improving Composite Circularity

- Commit to achieve targets on collection, sorting and recycling of waste
- Develop standards for the design of more circular products and to facilitate Composite re-use and recycling
- Speak with one voice as industry, to the Authorities and the general Public on the Sustainability of composite materials

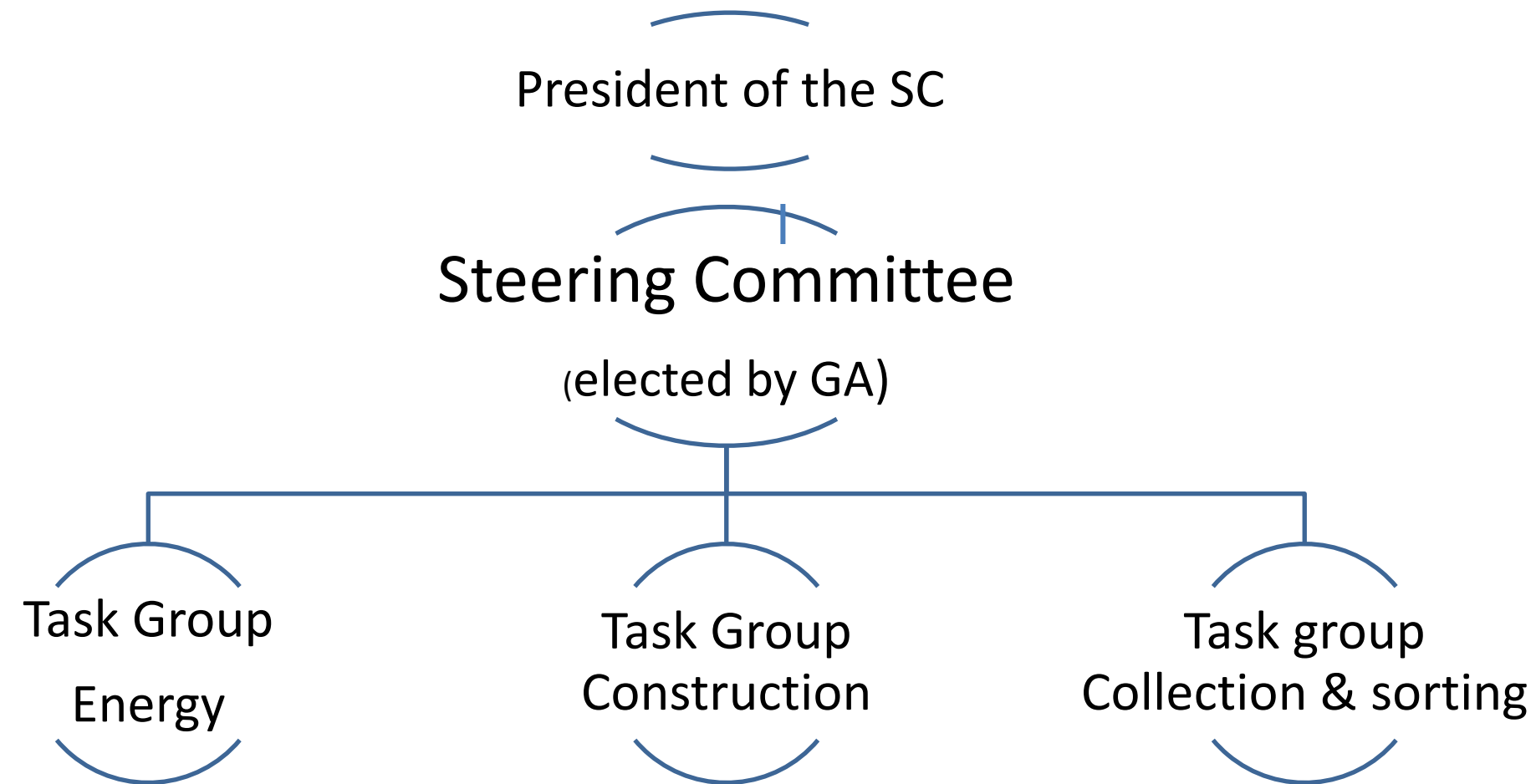
## ➤ Commit to make it happen

- Deliver results on the circular economy for composite materials by promoting more circular design and greater use of recovered and recycled products
- Ensure that we will achieve in 2030 a significantly higher recycling ratio ( open and closed loop)





# ECCA Structure;



- General Assembly (GA), composed by all signatories and meet twice a year for strategic decisions.
- Task Groups approved by the GA and formed by spontaneous aggregation of signatories
- Steering Committee (SC) : for Litigation only. (when litigation cannot be resolved, then the GA decides.

➔ 1<sup>st</sup> step of the alliance to develop a workable structure

# Launch at JEC World, March 4<sup>th</sup>, 2025



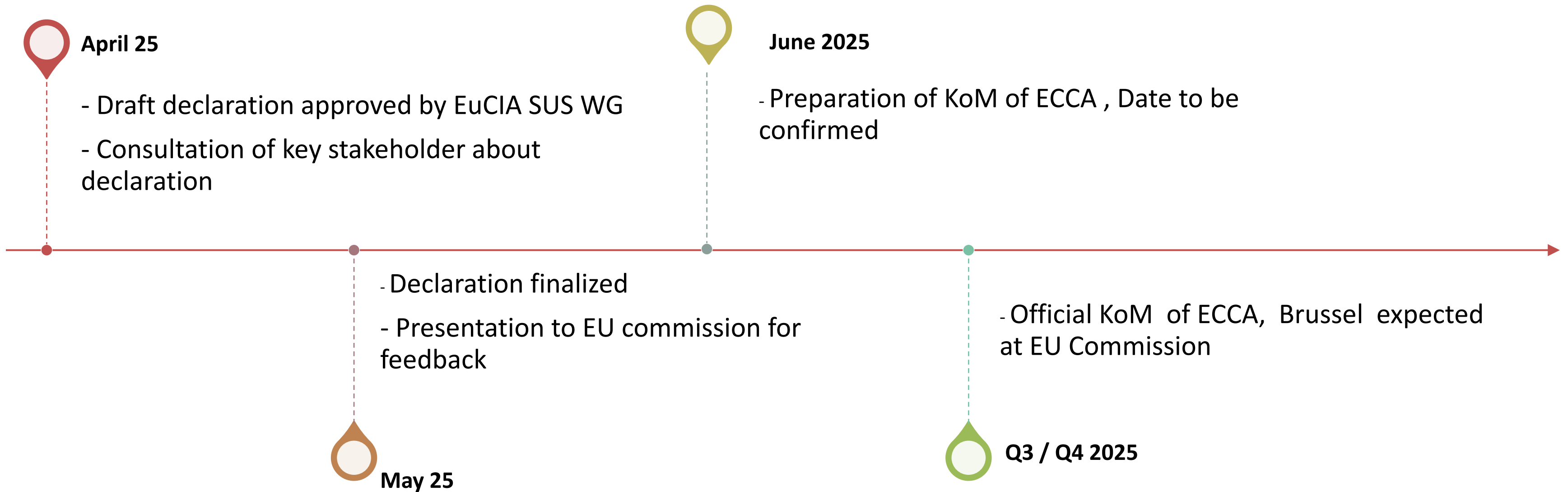
Early Bird session with EU commission officer Laure Baillargeon

Join the  
**EUROPEAN CIRCULAR  
COMPOSITES ALLIANCE**

**More than 90 companies / organisation have signed the  
letter of Intent ( end of March 2025)**

<https://eucia.eu/join-the-european-circular-composites-alliance-ecca/>

# ECCA , Key Milestones for 2025



# Where to find more information ?



WHO WE ARE ↓

EVENTS

NEWS ↓

**ECCA**

KNOWLEDGE HUB

ECO CALCULATOR

CONTACT



ECCA

**Join us.**



Stakeholders across the composites value chain can

[Read the Alliance's declaration](#)

[Sign the declaration](#)





# Where to find more information ?



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## Knowledge Hub

Discover composite materials, why they are essential for realising the European Green Deal's net-zero targets, and how they bring value to the circular economy.

SUSTAINABILITY

ECO IMPACT CALCULATOR

COMPOSITES IN ACTION

RESEARCH & INNOVATION

POSITION PAPERS



# THANK YOU FOR YOUR ATTENTION

For more information, please contact : [contact@eucia.eu](mailto:contact@eucia.eu)

