

# SALIENT In Action

Newsletter Issue #2-2024

*SALIENT In Action is the quarterly e-Newsletter of the EU-funded SALIENT Research Innovation Action, sharing news on the progress of the project activities along its duration.*

## SALIENT Interim Review Meeting in Brussels Marks Halfway Point



After reaching its midway point, the **SALIENT Consortium met on 28 & 29 February 2024 for a two-day meeting** at the offices of the [Spanish National Research Council](#) (CSIC) in Brussels, Belgium. The main objective of the meeting was to host an **Interim Review meeting** with the Project Officer of SALIENT Project, **Dr Katerina Deliali** from the [European Climate, Infrastructure and Environment Executive Agency](#) (CINEA), and also hold a **General Assembly** to plan the work for the next 18 months of the project ahead. [Read Article](#)

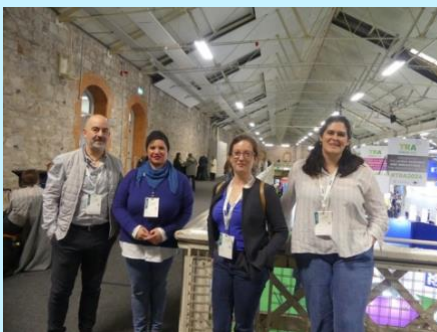


## SALIENT Partners Attended JEC World 2024 Composites Show

From 5-7 March 2024 several SALIENT Consortium partners attended the [JEC World 2024](#), the Leading International Composites Show at [Paris-Nord Villepinte](#) (France). SALIENT, being a member of the [European Lightweight Cluster Alliance \(ELCA\)](#), actively participated in this three-day show, diving deeper into composite materials and showcasing SALIENT effective lightweight strategies and innovative technologies that deliver sustainability benefits and aim for net zero emissions. [Read Article](#)



## TRA 2024: SALIENT Project Redefines Transport in Dublin, Ireland



From 15 to 18 April 2024 the SALIENT project took part in the [Transport Research Arena Conference \(TRA\)](#), this year held in **Dublin, Ireland**. The SALIENT project actively contributed to various sessions and discussions highlighting innovations and milestones achieved so far in the duration of the project.

In the dedicated Poster Board Section, the SALIENT poster was prominently displayed, providing attendees with the opportunity to learn more about SALIENT. Find below the full list of SALIENT papers presented during the TRA 2024. [Read Article](#)



## SALIENT Project's Impact at Hybrid & Electric Motor Show: Shaping Sustainable Mobility

From 26 to 28 April 2024 the SALIENT project participated in the [Hybrid and Electric Motor Show \(SAHE\)](#) in Valladolid, Spain. [Cidaut](#), a SALIENT project partner, participated in the event with a dedicated booth and presented **cutting-edge solutions in the digitisation of the automotive industry**.



Additionally, Cidaut showcased its involvement in the SALIENT project and **highlighted the need to lighten vehicle structures while ensuring safety**, all within the framework of the circular economy approach, which underscores the SALIENT fundamentals. [Read Article](#)

## Funding Opportunities

### Seeking Lightweighting Innovations: Global Funding Call Announced

The national funding bodies from Austria, Belgium (Flanders & Wallonia), Canada, Chile, Estonia, France, Germany, Israel, Luxembourg, Portugal, South Korea, Spain, and Turkey have allocated funds for organisations engaged in international Research and Development (R&D) ventures focusing on lightweighting technologies.



Interested parties are encouraged to submit their R&D project proposals between **29 May 2024** and **25 September 2024, by 17:00 CEST**. [Read Article](#)

## News Of Interest

### Researchers unveil new digital twin for precise real-time analysis of composite materials production



Researchers from IMDEA Materials Institute and the Technical University of Madrid (UPM) have developed an innovative digital twin that enables real-time analysis of composite materials manufacturing. The breakthrough was presented in The International Journal of Advanced Manufacturing Technology in an article titled “*A digital twin for intelligent manufacturing of structural composites via liquid molding*”.

[Read Article](#)

### How are Fiber-Reinforced Polymer Composites Used in the Automotive Industry?

The automotive industry needs innovative means to improve the performance, efficiency, and sustainability of its products. One of the emerging trends is the use of fiber-reinforced polymer composites (FRPCs) as alternative materials for various components. The article explores the **role of FRPCs in the automotive industry**, addressing the current and potential applications, the technical considerations, and the manufacturing techniques. [Read Article](#)



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