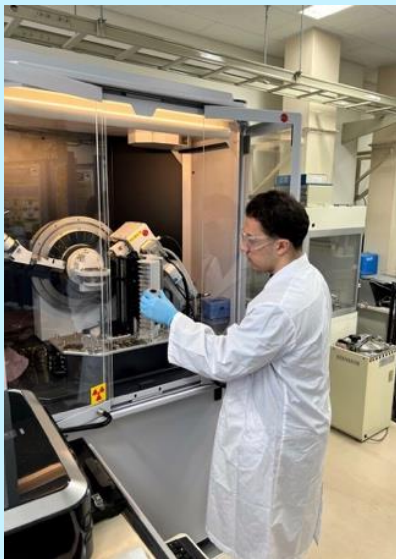


SALIENT In Action

Newsletter Issue #3-2023

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.

Exchanging Beyond Continents: First SALIENT Secondment Comes to an End



One major focus of the SALIENT project is a close collaboration with industry partners and the wider scientific community. In order to develop safer, lighter, circular and smarter, the consortium needs to base its research on the market reality as well as on the state of the art of scientific research.

Mr. Mohab Elmarakbi (Senior Researcher at the University of Northumbria) crossed continents and stayed for almost 2 weeks at the receiving National Institute for Material Science (NIMS) in Tsukuba, Japan this this last January to complete a secondment. [Read Article](#)



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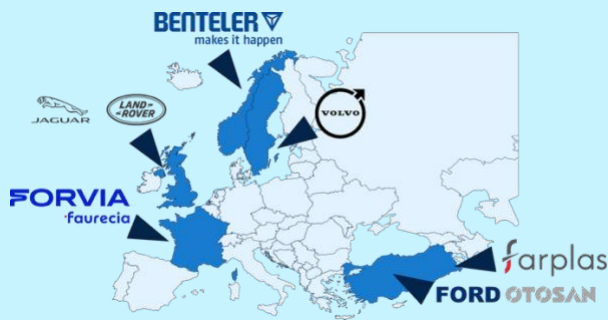
SALIENT Partners Attend LightMe Final Conference

As the EU-funded LightMe Project is coming to an end in June 2023, the project organised and hosted an international conference on the premises of the Polytechnic University of Milan in Milan, Italy last week (11 & 12 May 2023).

[Read Article](#)



SALIENT External Advisory Board Takes Up Work



The SALIENT External Advisory Board has been successfully established and held a first kick off meeting on 23 May 2023. Its purpose will be on the one hand an advisory role of the entire project and on the other hand serves in amplifying the dissemination and exploitation uptake to the industry.

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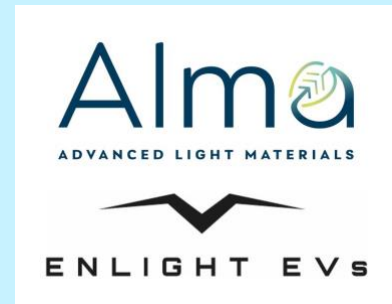


Events

EU Green Week Webinar | Towards a more sustainable mobility through the implementation of advanced solutions and lightweight materials in Electric Vehicles

During the EU Green Week, SALIENT's partner project ALMA hosted a webinar organised by the EnlightEVs Cluster, in which they delved into the advancements in sustainable and lightweight vehicle technology.

[Read More & Access Recording](#)



News Of Interest

Nanoscale 3D Printing: A Catalyst for Innovation in the Automotive Industry



Nanoscale 3D printing, also known as nanofabrication or additive manufacturing at the nanoscale, is a revolutionary technology that has the potential to transform the automotive industry. By enabling the creation of complex structures with unprecedented precision and accuracy, this cutting-edge process is poised to drive innovation in areas such as lightweight materials, energy efficiency, and advanced electronics.

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Opinion: Carbon fibre composites emerge as the future metal for manufacturing

Composites have won their place in various applications over the years. They currently provide the established material and method for manufacturing a variety of valuable components, most notably for space, aircraft, windmills and automotive industries.

[Read Article](#)



Design Optimization Software Finds Weight-Saving Solutions Outside the Traditional Realm



German Tier 1 automotive systems supplier ElringKlinger had already worked with **Celanese's** design engineering team to optimize an injection molded engine bracket for a leading European luxury sedan supplier when Celanese decided to apply an emerging technology to see if further optimization was possible. [Register](#)

CTAG – Automotive Technology Centre of Galicia, Polígono Industrial “A GRANXA”, Calle “A”, 249-250, Porriño 36475 (Pontevedra), Spain



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