



# FLAMINGO

## Fabrication of Lightweight Aluminium Metal matrix composites and validation In Green vehicles

On 6<sup>th</sup> of June the EnLight EV's Cluster successfully held a Webinar during the EU Green Week. The main Topic of the Webinar was: "Towards a more sustainable mobility through implementing advanced solutions and lightweight materials in Electric Vehicles". This webinar has provided an overview from key aspects of the EnLight EV's Cluster Projects.

## 8<sup>th</sup> PRESS RELEASE

### ENLIGHT EVs EU GREEN WEEK CLUSTER EVENT

*Online, 6 June 2023*

#### Towards a more sustainable mobility through the implementation of advanced solutions and lightweight materials in Electric Vehicles

10.00 – 11.45 CEST | ONLINE



3-11 June 2023

**#EUGreenWeek  
PARTNER EVENT**

The Cluster was fully represented in this webinar by FLAMINGO, ALMA, LEVIS, Revolution and Fatigue4Light. The EnLight EV's Cluster hosted the webinar during the EU Green Week where developments in environmentally friendly and lightweight vehicle technologies were discussed.



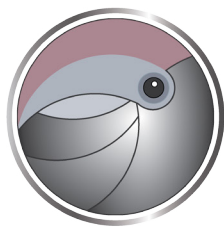
Funded by  
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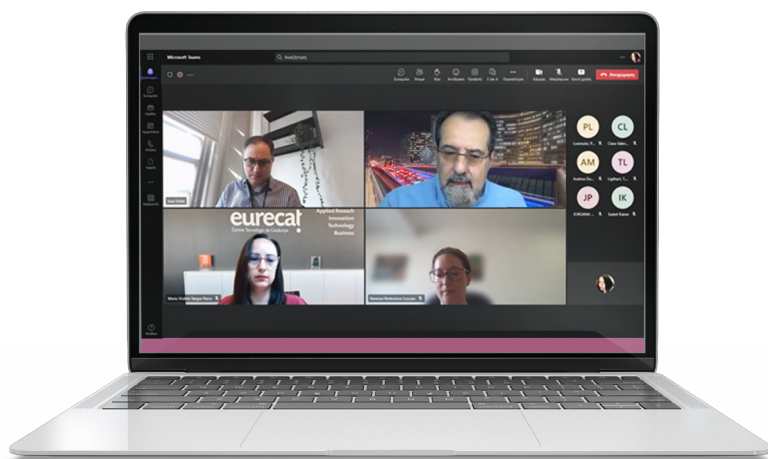
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## Fabrication of Lightweight Aluminium Metal matrix composites and validation In Green vehicles



The webinar was introduced by Policy Officer of the EC Mr. Mauricio Maggiore, specialising in clean mobility, electric vehicles, and energy transition. During the Webinar we have investigated a number of ground-breaking initiatives centered on environmentally friendly and lightweight vehicle technology.

These accomplishments include the work of the FLAMINGo Project H2020 in enhancing aluminum properties, the creation of lighter electric vehicle components by Greenvehicles LEVIS,

the promotion of sustainability and lightweight electric vehicle structures by the ALMA Project, the adoption of an eco-design methodology in the Fatigue4Light project, and last but not least the digitalization of the manufacturing process by the REVOLUTION project. All of these ground-breaking projects are essential to ensuring that the automobile sector has a bright future in terms of the environment. The event gathered more than 100 registrations and 55 attendees.

Mr. Tosé Petkov from ÖGI presented the FLAMINGo project at the EU Green Week Enlight EV's Cluster Event with a presentation titled: "Skills requirement sustainable mobility: the example of Aluminium Nano-composites". When introducing the FLAMINGo Project, Mr. Petkov described how the project aims to achieve lightweight attributed by enhancing aluminum's attributes to compete with steel. Through FLAMINGo, vehicle parts have experienced considerable weight reductions thanks to a complex nanoparticle manufacturing process, while making sure that components recyclability is also ensured.



You can check the [Agenda of the Webinar](#).

For those that have missed the webinar please check [here](#).

Moreover, the presentations can all be found [here](#).

