

ALMA's ambition is to make electric cars more sustainable, lightweight, and efficient through an eco-design approach using advanced materials. ALMA's strength is in its cooperation and altruistic approach for the people and planet.

Imagined by a strong, international collaboration of scientists, researchers, and engineers, ALMA is breaking boundaries and established systems, looking revolutionize the automotive industry for a greener future.

## The solution

Lightweight vehicles are a concern for the internal combustion engine car of yesterday but now the world needs the car of the future, a lightweight electric vehicle that can be reused and recycled.

## The challenge

## Our Team



ALMA is an EU Commission funded project with a global ambition.



This project has received funding from the EU H2020 funding program for innovation under Grant Agreement No. 101006675



## Redesigning the future of e-mobility

» THROUGH NEW, SUSTAINABLE & INNOVATIVE SOLUTIONS



[www.almaproject.eu](http://www.almaproject.eu)



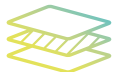
# Our steps



Decrease the environmental impact of electric vehicles by applying circular economy principles from the early stages of and throughout the project duration.



Integrate a revolutionary health monitoring system to detect and locate damage while in-service.



Develop a new, multi-material platform with the highest possible performance.



Ensure affordability and effective market uptake.



Reduce the weight of the vehicle structure, saving both energy and materials.



Promote public awareness on sustainability and the circular economy.



Incorporate eco-design to enable effective recycling, recovery, and efficient end-of-life solutions using a reversible bonding technology to facilitate the separation of components for repair and re-use.



Revolutionize the automotive and transportation sector.

## Facts and Figures

ALMA involves a diverse group of nine partners from four different EU countries: France, Germany, Netherlands and Spain.

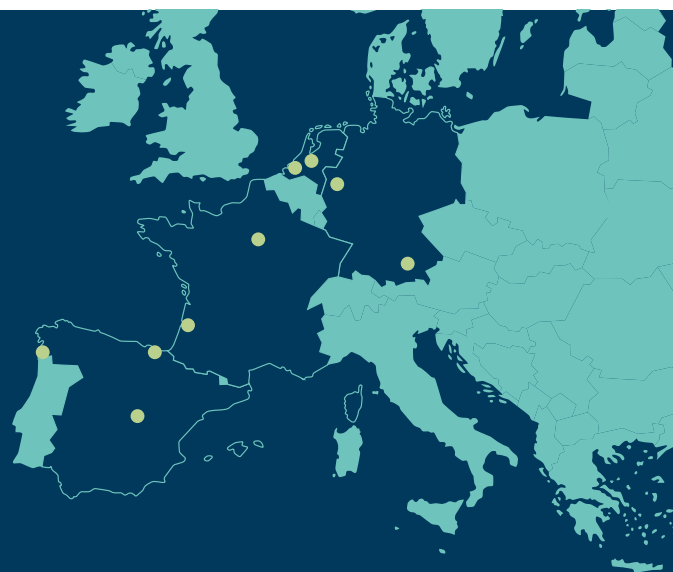
The partners include five market-oriented companies, three RTOs, and one international association.

### Budget

» 4.355.786,38 €

### Timeline

» FEBRUARY 2021 – FEBRUARY 2024



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## Project Coordination

The project is managed by the Coordination partner – CTAG.



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