Working in the lightweight field?

Participate in our Lightweight Open Innovation Challenge!

The Lightweight Open Innovation Challenge is a unique opportunity for European stakeholders in the automotive industry to promote their lightweighting innovations and contribute to the development of the next generation of lightweight vehicles in cooperation with **Daimler, VW, Toyota, FCA, Volvo, Opel** and the rest of the ALLIANCE consortium.

To register and for more information visit:
www.lightweight-alliance.eu

@Alliance_H2020
#allianceopenchallenge

Launch: October 1st 2017

1 Year competition

2 Selection Phases

Development and validation of technical concept in a virtual model with the support of IKA-RWTH

Winners will go to a final presentation & side workshop with ALLIANCE OEMs at Aachen Body Engineering Days 2018

Save the date 18-20 Sept. 2018!

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alliance
AffordabLe LIghtweight Automobiles AlliaNCE

An ALLIANCE of Automobile Leaders

ALLIANCE (Affordable Lightweight Automobiles Alliance) is working on novel materials and manufacturing technologies to achieve the following targets: **vehicle weight reduction** by an average of **25%,** vehicle **energy consumption reduction** by **10%** and a **decrease of GWP by 6%,** at a cost of no more than **€3/kg saved.** In doing so, ALLIANCE is welcoming ideas from external organisations.

Participants of the competition will refine their solutions with the support of partners. The best solutions will be validated in a virtual car model and evaluated according to ALLIANCE targets. The winners will have the opportunity to present their solutions to high-level representatives of the six OEMs in an exclusive, dedicated session after the Aachen Body Engineering Days 2018.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 723893

18 Partner organisations

6 European carmakers

4 Suppliers

8 Knowledge institutions

8,6 M€ Total budget

36 months Project Duration

"ALLIANCE is addressing weight reduction in an holistic way. We need to work together to achieve the environmental targets.
In this context, ALLIANCE Lightweight Open Innovation Challenge truly meets these needs"

Ahmet Dogan,
Toyota Motor Europe

-25% Weight

< 3 €/Kg Saved

-6% GWP

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