

Together with Plastic Omnium, Hella are further advancing the development of holistic concepts for the vehicle exterior. This initially includes comprehensive lighting solutions integrated comprehensively into the front area of the vehicle.

This new front-of-car approach is being presented at the IAA in the Hella stand in the New Mobility World.



Dr. Frank Huber, Hella management board member responsible for global lighting activities, says "The front of the car continues to gain in importance: on the one hand, it has a decisive influence on the vehicle design. On the other hand, it is an important integration location for numerous sensors, relevant lighting modules and further elements. Together with our partner Plastic Omnium, we are therefore working on an intelligent system approach for the vehicle front that opens up completely new design possibilities for the customer".

Plastic Omnium President and CEO Mark Sullivan adds "The coöperation with Hella enables us to offer customers sophisticated and unique system solutions for the vehicle front from a single source. At the same time, our intelligent system approach helps our customers to develop more functionalities while decreasing complexity".

The new concept has a multi-level set-up. At the beginning, development activities focus on efficiently integrating certain lighting modules into the vehicle front, such as direction indicators or contour lighting. "The demand for such solutions is high. We could possibly go into series production within the next two to three years already," says Dr. Huber.

First development projects are also in progress for higher integration levels. This includes the integration of various electronic components, such as radar or lidar sensors or a front camera. Large displays for communication between the vehicle and its surroundings as well as headlamps could also be integrated at more sophisticated development stages.