

## **Webasto Makeathon: Students develop solutions for sensor integration in the roof**

**During the first Makeathon held by automotive supplier Webasto, students and young professionals from all over Germany spent a weekend devising solutions for autonomous driving.**

**Stockdorf – October 26, 2022** – Two days dedicated entirely to the future of mobility: Last weekend, some 30 students and young professionals from all over Germany participated in a Makeathon on the theme of “autonomous driving” at the Impact Hub in Munich. The participants had been invited to attend by top-100 automotive supplier Webasto. The company from Stockdorf near Munich offers its customers the so-called Roof Sensor Module which facilitates the integration of sensors for autonomous driving functions into the roof. With exciting insights, Webasto wants to make the future professions approachable.

### **A triumph of teamwork**

The winning team was rewarded with 2,000 euros in prize money on Sunday. Leif van Holland (University of Bonn), Lukas Harrer (University of Applied Sciences Upper Austria), Marc Wagner (Technical University Ulm) and Richard Koller (University Furtwangen) developed solutions to identify certain features from extensive sensor data. The function of Webasto’s roof system for autonomous driving can be improved on the basis of this solution. “This team was not only highly successful in combining its individual team members’ strengths in a particularly favorable manner, it also proposed an especially rapid and effective solution that allows us to derive a direct benefit for the Roof Sensor Module. By combining teamwork with a great presentation, these four team members were very convincing throughout,” said Michael Hülsen, Director Product Management Roof Sensor Module at Webasto.

### **Outstanding achievement**

Marc Wagner also received a special award as “Best Participant” from the winning team. The computer science student from Ulm impressed with his outstanding competence, teamwork, organizational skills and willingness to find solutions. “Webasto’s Makeathon gave me a fantastic opportunity to combine my own skills with those of my other team members. We were really able to learn much from each other and make great contacts,” explained Wagner.

### **The Makeathon: a concept that has proven itself**

Webasto will also benefit beyond the weekend from the knowledge gained and the contacts made with specialists in the field of mechatronic, control engineering, robotic or machine learning. The challenges involved participants working on highly specific topics which preoccupy us in development. For instance, these include optimizing sensor availability and the automated evaluation of specific data, which are very valuable in the ongoing development of the Roof Sensor Module,” concludes Hülsen.

### **About Webasto:**

The Webasto Group is a global innovative systems partner to the mobility sector and is among the top 100 suppliers to the automotive industry worldwide. The company's product portfolio comprises in-house developed roof systems, heating and cooling systems for various types of vehicle, batteries and charging solutions for hybrid and electric vehicles, as well as complementary services relating to thermo management and electromobility. Webasto's customers include manufacturers of passenger cars, commercial vehicles and boats as well as dealers and end customers. In 2021, the company generated sales of 3.7 billion euros and employed some 15,700 people at more than 50 locations. The headquarters of the company founded in 1901 is located in Stockdorf near Munich, Germany.

For more information, go to [www.webasto-group.com](http://www.webasto-group.com)

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