

# "EcoPeak" roof concept for sustainable mobility, less CO<sub>2</sub>e, and more range

**In its visionary concept study, Webasto relies on 80 percent sustainable materials, 40 percent weight savings and the use of solar energy.**

**Stockdorf – September 10, 2024** – The global market leader for roof systems is pursuing broad-based, ambitious climate protection targets. Webasto sees potential for reducing the CO<sub>2</sub>e footprint not only in production and operation, but also in its products and is the first automotive supplier to present a roof concept that combines sustainability, innovation, and modern design with the "EcoPeak". The company primarily relies on bio-mass balanced and recycled materials and also uses solar cells to supply the vehicle with climate-friendly electricity.

### **Saving weight with sustainable materials**

The use of bio-mass balanced polycarbonate and sustainable plastics instead of aluminum reduces the weight of the roof system by up to 40 percent compared to conventional solutions. This not only ensures improved energy and fuel efficiency, but also increases driving dynamics. The product features, for example in terms of durability, remain at the usual high-quality level.

### **Intelligent use of light and shadow**

The "EcoPeak" panel covers both the roof area and the rear window. This enlarged surface is equipped with solar cells that supply the vehicle with up to 350 kilowatt hours (kWh) of electricity per year. Depending on the vehicle and local climate conditions, this can equate to a mileage of around 2,500 kilometers. Another key feature of the "EcoPeak" is its integrated roller blinds. The fabric is made from recycled PET bottles. This underlines the commitment of Webasto to the circular economy and saves valuable resources.

### **50 percent less CO<sub>2</sub>e emissions**

The concept study shows: Thanks to visionary design and the use of environmentally friendly basic components, approximately 50% fewer emissions are emitted compared to conventional roof systems. "Thanks to the enlarged surface area, our roof concept has a significant impact on the vehicle's overall CO<sub>2</sub>e footprint. As a market and innovation leader, we are using this concept study to show our customers the possibilities for future series applications. Together with them, we want to develop solutions that are an alternative to conventional roof systems and perfectly combine sustainability, functionality, and aesthetic design," says Jan Henning Mehlfeldt, Member of the Management Board and responsible for the global roof business at Webasto. "Considering recyclability enables the efficient reuse of materials, which reduces waste and prolongs the utility of resources."

## Press Release

### **About Webasto:**

As a global innovative systems partner to the mobility industry, Webasto is one of the 100 largest suppliers to the automotive sector worldwide. In development, manufacturing and sales, the company focuses on roof systems on the one hand and on vehicle electrification on the other hand. The product range includes openable and fixed roofs, electric high-voltage heaters and batteries, as well as thermo management solutions. Among the customers of Webasto are manufacturers of passenger cars, commercial vehicles, and boats, as well as dealers and end customers. In 2023, the Group generated sales of around 4.6 billion euros and employed more than 16,600 people at over 50 locations. The headquarters of the company, which was founded in 1901, is located in Stockdorf near Munich (Germany). For more information, please visit [www.webasto.com](http://www.webasto.com)

### **Media Contact**

Webasto Group  
Birgit Felske  
Spokeswoman Roof Topics  
Phone: +49 89 8 57 94-51181  
E-Mail: [Birgit.Felske@webasto.com](mailto:Birgit.Felske@webasto.com)