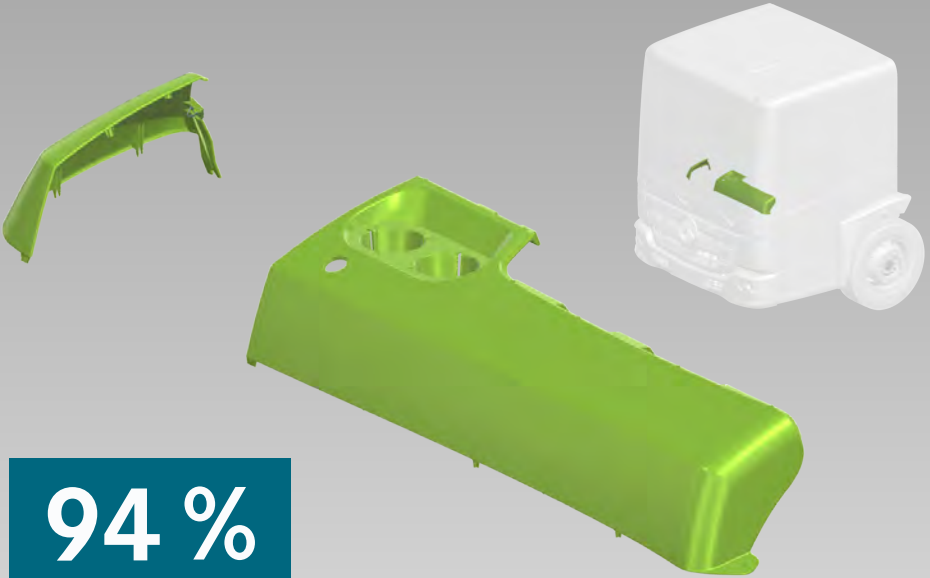


DAIMLER TRUCK

Cockpit Elements

made from bio-plastic with plant-based raw materials

reECONIC



Status as of May 2026

Details

- The components are produced using the conventional injection-molding technology. Through an adapted process control, the material can be processed with high stability and integrated into existing injection-molding workflows.
- Utilization of residual and by-products from forestry and agriculture to produce resource-efficient bio-plastics – turning today’s residual materials into a sustainable alternative to fossil-based raw materials.
- Ecologically optimized cockpit components enabled by the upcycling of industrial biomass

Statements

Material: ARBOBLEND® – TECNARO GmbH

“Share of renewable raw materials (calculated as BCC – Biobased Carbon Content): approx. 94 %.

Global warming potential (calculated within the system boundaries “cradle to gate”): approx. -1.44 kg CO₂-eq./kg. Made in Germany using 100 % green electricity”

Components: Horst Hähl Kunststoffspritzguss & Werkzeugbau GmbH

“As an experienced injection-molding specialist with a broad application spectrum, we support the processing of innovative bio-based materials. Our expertise enables the reliable implementation of new material concepts within conventional injection-molding processes.”

Further information about the overall reECONIC project →