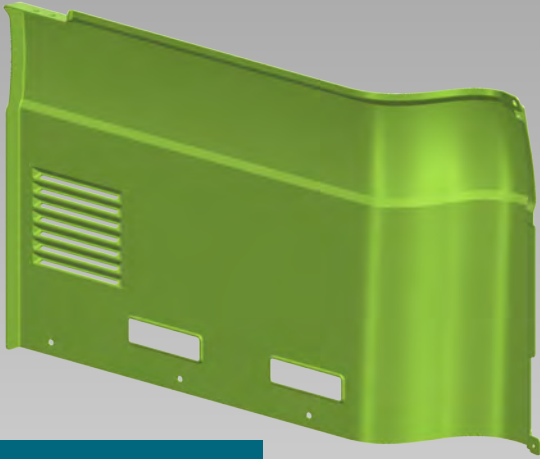


DAIMLER TRUCK

Footwell Trim (right side)

Robust truck footwell trim in a modern natural fiber look for high-quality interiors

reECONIC



Status as of May 2026

98 %

Biobased Content

Details

- Fiber-compatible redesign of component and prototype production
- Use of flax fibers as reinforcement material
- Use of bio-based polylactic acid (PLA) as matrix material
- 45 % weight reduction compared to series production material

Statements

Semi-finished product: BPREG Composites

„BPREG’s flax/PLA unidirectional thermoplastic prepregs, known as EcoRein/UD, deliver high bio-based content with mechanical performance and industrial scalability, supporting lightweight component design via compression moulding“

Component: CENTROTHERM Systemtechnik GmbH

„The technical feasibility demonstrates the suitability of natural fibres for mass production as an environmentally friendly alternative to traditional petrochemical plastics“

Further information about the overall reECONIC project →