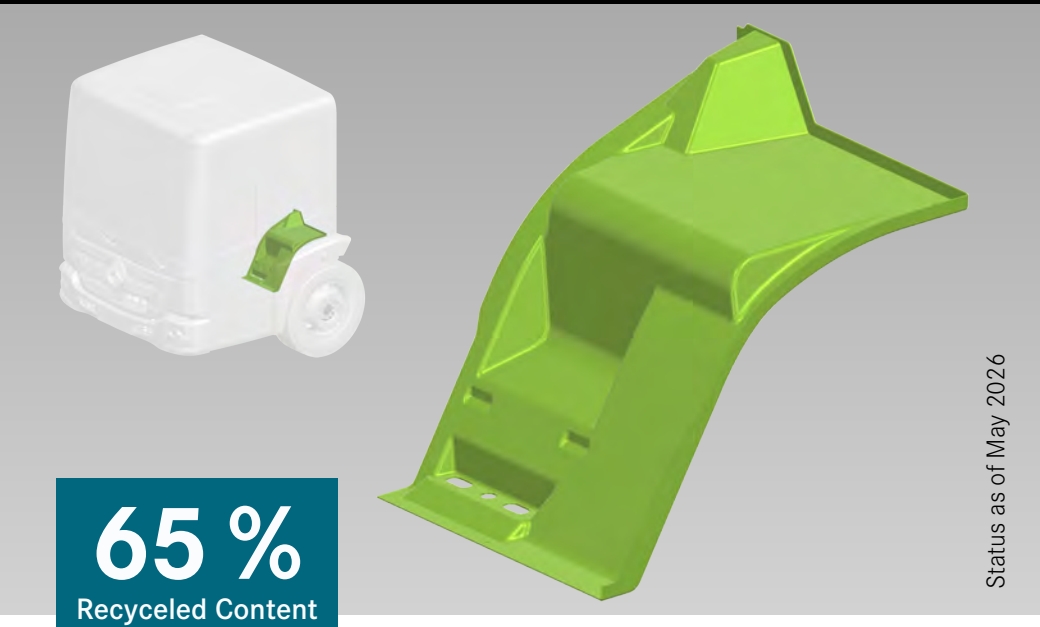
DAIMLER TRUCK

Wheel Arch (left side)

Recyclates from light shredder fraction enable robust, sustainable truck wheel arches

reECONIC



65 %
Recyceled Content

Status as of May 2026

Details

- Production using a series-production tool
- Efficient use of end-of-life vehicle material streams, enabling resource-efficient material selection through post-consumer recycling
- Structural component with recycled-material content
- Stable performance despite heterogeneous recycled material structure (PP-PE-EPDM blend from the floating portion of the shredder light fraction)

Statements

Raw Materials – MOCOM Compounds GmbH & Co. KG
“The consortium has successfully demonstrated how recycled plastics based on polyolefin shredder fractions can drive the circular economy forward. By using Wipaflex, CO_2 emissions were significantly reduced – a strong example of how sustainability can be brought onto the road.”

Components – POLYTEC COMPOSITES Germany GmbH & Co KG
“Technical components made from post-consumer recycled materials remain a challenge. Achieving this for such a demanding part fills us with pride and joy.”

Further information about the overall reECONIC project →