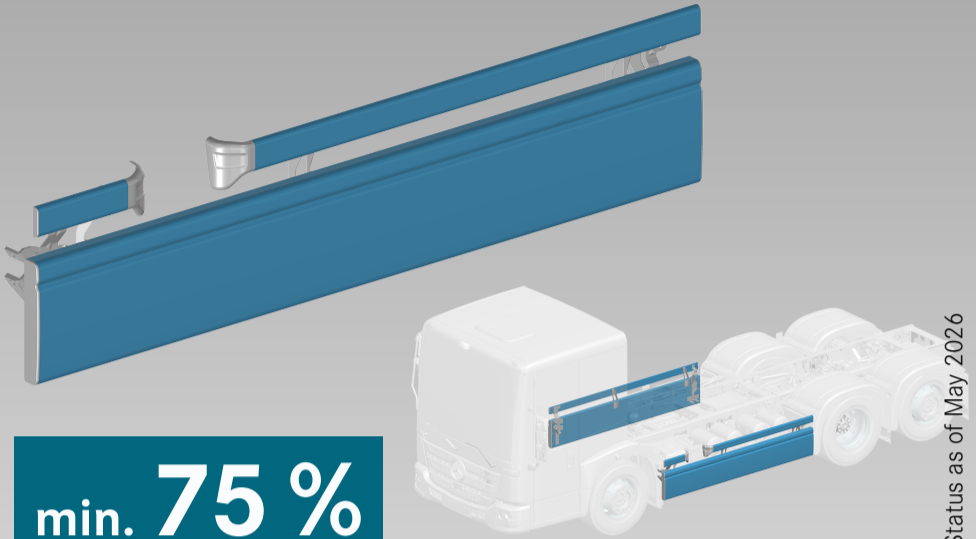


DAIMLER TRUCK

Crashbeams

Safety in the loop: 75 % PCR recycled content – more circularity, less CO₂

reECONIC



Status as of May 2026

min. 75 %
Post Consumer
Aluminium Scrap

Details

- Recycled Aluminium CIRCAL 75R
- 65 % increase in post-consumer recycled (PCR) scrap content
- CO₂ emissions reduced by 85 % compared to global primary average
- Higher circularity for structural aluminium components without downcycling
- Identical geometries, tolerances, mechanical properties and manufacturing processes

Statements

“CIRCAL 75R uses real, traceable post-consumer aluminium – not mass-balance or certificate-based models. Hydro sources pre-consumer scrap from internal operations and complements it with externally supplied scrap, including material from project partner TSR.”

Raw material: TSR Group

“TSR Group contributes TSR136, a high-quality aluminium recycled material made from one hundred percent post-consumer material, whose consistently high quality enables its use in safety-relevant components. TSR136 thus serves as a blueprint for industrial applications using recycled aluminium and highlights the potential for a scalable circular economy.”

Raw material – semi finished product – component: HYDRO

“With a fully European footprint, Hydro manages scrap collection and sorting through to recycling, casting, extrusion, and fabrication. All CIRCAL 75R products contain a guaranteed minimum of 75 % post-consumer scrap, independently verified.”

Further information about the overall reECONIC project →