



Mercedes-Benz

Press Information

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360° Environmental Check for the all-new electric GLC now available

- **Independently verified lifecycle assessment reveals sustainability performance of all-new electric GLC**
- **Two-thirds reduction in carbon footprint across entire vehicle lifecycle compared to the current combustion engine-powered GLC**
- **Cutting production emissions by 23 percent through carbon-reduced battery, aluminum and steel production, along with increased use of recycled thermoplastics and renewable energy at the Bremen plant where the electric GLC is manufactured**

Stuttgart. Mercedes-Benz has published its 360°Environmental Check for the all-new electric GLC, documenting in detail the environmental performance of this pioneering midsize SUV. The comprehensive lifecycle assessment, verified by independent auditors, reveals how the electrified bestseller achieves a two-thirds reduction in carbon emissions across its entire lifecycle compared to the current combustion engine-powered GLC. This remarkable result is thanks to the consistent implementation of carbon reduction measures – from carbon-reduced aluminum to carbon reduction measures in the high-voltage battery cells. There is also a marked increase in the use of recycled materials, as well as the option of the world's first vehicle interior certified by The Vegan Society.

Designed from scratch with circularity and decarbonization in mind

For the manufacturing phase alone, Mercedes-Benz has negotiated targeted CO₂ reduction measures with suppliers, resulting in a 23 percent overall reduction of emissions during production of the GLC 400 4MATIC electric. These achievements reflect a holistic approach addressing the most carbon-intensive materials and components: battery cells, aluminum, steel and thermoplastics.

The key environmental benefits are highlighted by the following measures:

- **Carbon-reduced battery:** Approximately 40 percent reduction in carbon footprint per cell compared to conventional production through renewable energy deployment in cell manufacturing and low-carbon production of cathode, anode and cell housing materials – saving approximately 3.4 tons of CO₂ per battery.
- **Expanded use of recycled materials:** 134 lbs of secondary-material thermoplastics is used throughout the vehicle, with approximately 35 percent sourced from post-consumer recycled material, including jack mounting points manufactured entirely from recycled bumpers from scrap vehicles.
- **Sustainable aluminum sourcing:** About two-thirds of aluminum supplied by renewable energy electrolysis or recycled content, delivering approximately 1.2 tons of CO₂ savings.
- **Certified vegan interior:** The Vegan Society independently verified approximately 100 material components in the vehicle's soft-touch interior surfaces – from seat upholstery to carpeting – confirming the absence of any animal-derived products.

About the 360° Environmental Check

Mercedes-Benz has published product-specific environmental information since 2005. The 360° Environmental Check is based on a comprehensive lifecycle assessment of each vehicle and verified by independent auditors. This transparency initiative reflects Mercedes-Benz's commitment to helping customers make informed purchasing decisions.

Mercedes-Benz Anniversary Year “140 Years of Innovation”

Since Carl Benz filed the patent for the first automobile 140 years ago and Gottlieb Daimler built his motorized carriage shortly afterwards, Mercedes-Benz has dedicated itself to constantly innovate and to create the world's most desirable cars for customers. This ambition has driven every innovation – from the world's first automobile in 1886 to today's intelligent and safe electric vehicles, like the all-new GLC and the award-winning all-new CLA. With the new S-Class, the company continues the biggest product launch program in its history. With its passion for performance and pioneering power, excellence and an unwavering commitment to customer service, the brand has consistently shaped the future of mobility. The result goes well beyond engineering achievement – it creates the unmistakable feeling that leads through everything Mercedes-Benz does: Welcome home.

Mercedes-Benz is celebrating 140 years of innovation by driving three new S-Class sedans on a trans-continental journey to 140 locations worldwide. Each place highlights the brand's technology, heritage, pioneering spirit and worldwide presence. Along the way customers, fans and colleagues will get to join in the celebrations – on an epic adventure that will run until October 2026. Follow the “140 Years. 140 Places” drive across six continents on our “[140 years of innovation | Mercedes-Benz Media](#)” special and via the [Mercedes-Benz Community](#).

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About Mercedes-Benz USA

Mercedes-Benz USA (MBUSA), headquartered in Atlanta, is responsible for the distribution, marketing and customer service for all Mercedes-Benz products in the United States. MBUSA offers drivers the most diverse lineup in the luxury segment with 18 model lines ranging from the sporty GLA SUV to the flagship S-Class and the dynamic all-electric vehicles from Mercedes-Benz. MBUSA is also responsible for Mercedes-Benz Vans in the U.S. More information on MBUSA and its products can be found at www.mbusa.com and www.mbvans.com. To learn more about all Mercedes-Benz entities in North America, visit group.mercedes-benz.com/northamerica.

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