

Media Information

15 April 2026

## **The new BMW i7: Sustainability in the product and its production.**

Gen6 battery cell technology with reduced CO<sub>2</sub>e footprint +++ Use of secondary materials and renewable energies +++ Improved efficiency during use phase

**Munich.** In line with its sustainability strategy, the BMW Group is once again systematically leveraging product sustainability innovations in the new BMW 7 Series. This is evident, for example, in the use of a new battery cell technology and a higher percentage of secondary material in the wheel rims. These measures represent a targeted further development, applying proven sustainability approaches to another BMW model.

### **Sixth-generation (Gen6) battery cells in the new BMW i7: Measures to reduce CO<sub>2</sub>e in core component.**

Essential levers for reducing supply chain CO<sub>2</sub>e emissions include increased use of secondary materials and renewable energies, in combination with selected product and process innovations.

Gen6 battery cells for the BMW i7's high-voltage battery are manufactured exclusively using energy from renewable sources. The same applies to production of the necessary anode and cathode active material. Cell production also relies in part on secondary raw materials for the lithium, cobalt and nickel required. This reduces the overall supply chain CO<sub>2</sub>e footprint of the Gen6 battery cell in the new BMW i7 60 xDrive by approximately 33 percent compared to the previous Gen5 cell used in the BMW i7 to date.

### **Aluminium wheels with high percentage of secondary raw materials.**

From 2026, selected rim designs for the BMW i7 will be available with 70 percent secondary aluminium. Electrolysis of the remaining primary aluminium, as well as wheel rim production, is carried out in part using renewable energy. All components with a high percentage of secondary raw materials meet the BMW Group's same strict quality standards, while also contributing to resource efficiency.

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**Enhanced efficiency during use phase.**

With its EfficientDynamics technology package, the BMW Group optimises vehicle efficiency across all relevant subsystems during the use phase. This includes aerodynamics, lightweight construction, rolling resistance and overall energy management. EfficientDynamics has been used by the BMW Group across all drive technologies since 2007.

**Production at BMW Group Plant Dingolfing.**

All model variants of the new BMW 7 Series Sedan are produced at BMW Group Plant Dingolfing. The facility in Lower Bavaria, the Group's primary plant for BMW luxury cars, increasingly relies on renewable energy for electricity and heating. 100 percent of its external electricity comes from renewable sources, some of which is also generated directly on site. In late 2025, an approximately 100,000-square-metre rooftop photovoltaic system with an output of almost 11 MWp was commissioned at the facility. In addition, a biomass heating plant went on-stream late last year to ensure that locally-produced heat is partially supplied from renewable energy sources.

**In line with BMW Group's sustainable development goals.**

The BMW Group's commitment to the Paris Climate Agreement and to reaching "net zero" no later than 2050 is an integral part of its holistic 360° approach to sustainability, which is anchored in its corporate strategy. The BMW Group has set itself ambitious science-based CO<sub>2</sub>e targets for the coming years and intends to reduce its CO<sub>2</sub>e emissions by a total of at least 40 million tonnes from 2019 levels by 2030.

**Transparency through BMW Vehicle Footprint.**

The BMW Group has published its vehicles' Product Carbon Footprint, as validated by the German Technical Inspection Association (TÜV), in the so-called Vehicle Footprint for several years. This report is publicly available [here](#) for all drive trains of the new BMW 7 Series from the start of production and can also be accessed in the My BMW app. In this way, the BMW Group creates transparency around the percentage of secondary materials and CO<sub>2</sub>e emissions throughout the vehicle's lifecycle.

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With its four brands, BMW, MINI, Rolls-Royce and BMW Motorrad, the BMW Group is the world's leading premium manufacturer of automobiles and motorcycles and also provides premium financial services. The BMW Group production network comprises over 30 production sites worldwide; the company has a global sales network in more than 140 countries.

In 2025, the BMW Group sold 2.46 million passenger vehicles and more than 202,500 motorcycles worldwide. The profit before tax in the financial year 2025 was € 10.2 billion on revenues amounting to € 133.5 billion. As of 31 December 2025, the BMW Group had a workforce of 154,540 employees.

The economic success of the BMW Group has always been based on long-term thinking and responsible action. Sustainability is a key element of the BMW Group's corporate strategy and covers all products – from the supply chain through production to the end of their useful life.

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