

What is the first battery recycling plant in Europe?

KUPPENHEIM, Germany, October 21, 2024 -- Mercedes-Benz today opened Europe's first battery recycling plant with an integrated mechanical-hydrometallurgical process making it the first car manufacturer worldwide to close the battery recycling loop with its own in-house facility.

Where is Mercedes-Benz's first battery recycling plant located?

Mercedes-Benz has opened Europe's first battery recycling plant using an integrated mechanical-hydrometallurgical process. The factory will be located at Kuppenheim in south Germany and is expected to have a recovery rate of more than 96%, while also being a net carbon-neutral facility.

What is Mercedes' new battery recycling plant?

Opening in Kuppenheim, in southern Germany, the plant uses an integrated mechanical-hydrometallurgical process that can also process the so-called black mass, which Mercedes says makes it the first carmaker to close the battery recycling loop with its own in-house facility.

What will a battery recycling facility do?

The output from the recycling facility is expected to be enough to help produce more than 50,000 new battery modules annually. Battery metals such as nickel, lithium and cobalt will be recovered and then re-used in batteries for upcoming all-electric vehicles that the company produces.

Is Mercedes 'the first battery recycling plant in Europe'?

The Stuttgart-based car manufacturer has built an integrated, mechanical-hydrometallurgical plant in Kuppenheim. This means that the hydrometallurgical process is also used to process the black mass. According to the Mercedes press release, Kuppenheim is 'the first battery recycling plant in Europe' to utilise such a process.

Where are Mercedes-Benz electric car batteries recycled?

Mercedes-Benz electric car batteries are now being recycled in Kuppenheim, Germany. The car manufacturer has opened its first recycling factory for batteries there - and aims to recover 96 per cent of the battery materials.

Own recycling factory to close the battery loop. Mercedes-Benz opened in Kuppenheim (South Germany) Europe's first battery recycling plant with an integrated mechanical-hydrometallurgical process. More on the factory Kuppenheim

Today, Mercedes-Benz opened its first battery-recycling plant in Germany. The new plant will use an "integrated mechanical-hydrometallurgical" approach to recycling electric ...

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The United Factory for Recycling Spent Batteries in the State of Qatar, where the idea of the project is based on taking advantage of damaged batteries and recycling them instead of disposing them in ways that are healthy and ...

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Northvolt's home base in central Stockholm is the epicenter of battery system design, software development and factory planning. Closing the loop on batteries. Recycling No battery lives forever. But containing recyclable materials, they're always valuable. Recovering used batteries and recycling them into raw materials for new batteries, we're lowering the demand for fresh ...

By spring 2025, the city of Tucson, Arizona, will be home to a new 2 million-square-foot lithium iron phosphate (LFP) battery cell gigafactory operated by American Battery Factory (ABF). The company, headquartered in American Fork, Utah, aims to be at the forefront of developing LFP battery cells in the United States, and broke ground on its 267-acre site in ...

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Mercedes-Benz just opened Europe's first battery recycling plant using an innovative process that the automaker says enables recycling rate to more than 96%, all in-house and ready to be used...

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Plute is the environmental manager at Cirba Solutions' battery recycling operation in Lancaster, which is located some 30 miles southeast of Ohio's capital city, Columbus. At a quiet industrial park surrounded by farmland, the company operates two facilities: one for processing lead- and nickel-based batteries, and another for processing lithium-ion batteries. ...

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The Mercedes-Benz battery recycling factory at our Kuppenheim site will cover all steps in battery quality from crushing and drying up to the processing of material flows. The planned process design of hydrometallurgy with recovery rates of more than 96 percent makes a real circular economy of battery materials possible. The integration of this ...

Come, help us build the world's most advanced battery factory and develop a circular setup with our battery recycling factory, Revolt Ett. Open positions Northvolt AB ? Alströmergatan 20

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