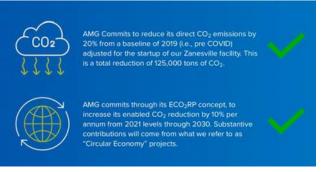
AMG provides critical materials and related process technologies to advance a less carbon-intensive world. To this end, AMG is focused on the production and development of energy storage materials such as lithium, vanadium, and tantalum. In addition, AMG's products include highly engineered systems to reduce CO_2 in aerospace engines, as well as critical materials addressing CO_2 reduction in a variety of other end use markets.

AMG'S 2030 COMMITMENT ON CO₂ REDUCTION

AMG was founded on the principle that CO_2 abatement targets would create increased criticality for specialty materials. This strategic focus is encapsulated in the Enabled CO_2 Reduction Portfolio concept (ECO₂RP) at the level of AMG's customers. Our strategic focus is fully aligned with – and in support of – the EU Taxonomy initiative on sustainability and its climate objectives.



+3% ENABLED CO₂ REDUCTIONS IN 2024 equivalent to

113.6 MILLION TONS LESS CO2 IN 2024

Source: AMG Annual Report 2024

ACCELERATING THE ENERGY TRANSITION - STRATEGIC HIGHLIGHTS

- AMG Lithium has commissioned production of battery-grade lithium hydroxide (BG LiOH) at the first of its five modules planned for its Bitterfeld- Wolfen, Germany site, Europe's first. Annual capacity of one module is 20,000 tons per year enough for the batteries of around 500,000 electric vehicles. Depending on market conditions, AMG's concept is to expand annual production up to 100,000 metric tons of BG LiOH by 2030. Lithium hydroxide is an important raw material for the production of cathode materials for batteries in EVs and thus for the path to climate-neutral mobility.
- AMG is the world's largest recycler of vanadium-containing refinery waste in spent catalysts. Vanadium is needed for the rapidly growing industrial energy storage market. AMG's recycling strategy of vanadium reduces the ${\rm CO_2}$ emissions by up to 85% compared to typical mining process.



• AMG Lithium, Lithium Refinery, Bitterfeld-Wolfen, Germany

• AMG's LIVA Hybrid Energy Storage System (HESS) for industrial applications helps to improve energy and power management to reduce energy costs and CO₂ emissions. The custom tailored ecosystem combines a lithium-ion battery as high-power unit with a vanadium redox-flow battery as energy storage unit. HESS can serve an energy demand up to 100 Megawatt hours.



"We strive to become the number one supplier of battery-grade lithium hydroxide in Europe. Besides quality and reliability, we focus on sustainable products and processes to minimize the carb on footprint for our customers and ourselves."

Dr. Heinz Schimmelbusch, CEO AMG Critical Materials N.V.

