



AMG SELLS THE FIRST COMMERCIAL LIVA BATTERY TO WIPOTEC

Amsterdam, 22 December 2022 --- AMG Advanced Metallurgical Group N.V. ("AMG", Euronext Amsterdam: "AMG") announces that its subsidiary, AMG LIVA, has sold its first commercial industrial battery Hybrid Energy Storage System ("HESS") to Wipotec, GmbH, a leading global provider of intelligent weighing and inspection technology located in Southern Germany. The HESS battery system is an ecosystem combining Lithium-Ion and Vanadium Redox Flow batteries with artificial intelligence routines and self-learning algorithms to maximize efficiency, safety, and lifetime of the batteries. HESS will be integrated into the facility's power system.

The Wipotec HESS system has dual use routine, namely grid side and demand side energy and power management, as well as integrating solar, wind and geothermal energy systems. These will reduce energy costs, assist in peak shaving strategies, and ultimately reduce grid costs by optimizing energy self-sufficiency and stabilize the power grid by frequency containment reserve. This energy system will integrate power, heating and cooling energy management as well as integrate geothermal with Power-to-Heat (P2H) capabilities. With LIVA's HESS, Wipotec will realize a consequent sector coupling strategy by reducing energy cost and increasing production reliability.

AMG LIVA is a new growth platform for industrial battery installations worldwide. AMG Engineering will provide the engineering and project management services and AMG Titanium Alloys will produce the vanadium electrolyte from gasification residues, adding a circular economy dimension.

About AMG

AMG is a global critical materials company at the forefront of CO₂ reduction trends. AMG produces highly engineered specialty metals and mineral products and provides related vacuum furnace systems and services to the transportation, infrastructure, energy, and specialty metals & chemicals end markets.

AMG Clean Energy Materials segment combines AMG's recycling and mining operations, producing materials for infrastructure and energy storage solutions while reducing the CO₂ footprint of both suppliers and customers. AMG Clean Energy Materials segment spans the vanadium, lithium, and tantalum value chains. AMG Critical Materials Technologies segment combines AMG's leading vacuum furnace technology line with high-purity materials serving global leaders in the aerospace sector. AMG Critical Minerals segment consists of AMG's mineral processing operations in antimony, graphite, and silicon metal.

With approximately 3,300 employees, AMG operates globally with production facilities in Germany, the United Kingdom, France, the United States, China, Mexico, Brazil, India, Sri Lanka, and Mozambique, and has sales and customer service offices in Japan (www.amg-nv.com).

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