PRESS RELEASE

ANDRITZ and Duesenfeld sign cooperation agreement for lithium-ion battery recycling

GRAZ, FEBRUARY 10, 2025. International technology group ANDRITZ, a global leader in recycling solutions, has signed a cooperation agreement with the German battery recycling pioneer Duesenfeld. This agreement marks a significant milestone in the advancement of sustainable battery recycling solutions.

Under the agreement, Duesenfeld will license its patented processes, including deep discharging and low-temperature drying. ANDRITZ will act as the EPC (Engineering, Procurement, and Construction) or EPS (Engineering, Procurement, and Supply) contractor, responsible for delivering the recycling plant and manufacturing key equipment such as shredders and dryers. Additionally, ANDRITZ will provide comprehensive service and supply spare and wear parts throughout the operating lifetime of the equipment and plant.

Till Bußmann, CTO of Duesenfeld, says: *"This partnership marks a major step forward in the circular economy, combining advanced expertise, innovative technology, and long-standing experience in plant engineering to provide comprehensive solutions for our customers."*

The collaboration positions ANDRITZ and Duesenfeld as the ideal partners for the mechanical pre-treatment of lithium-ion batteries, especially in the production of black mass. The partnership aims to enhance the efficiency and sustainability of battery recycling processes, contributing to a circular economy.

As a first reference project, the Duesenfeld pilot plant in Wendeburg will be upgraded with ANDRITZ equipment, including state-of-the-art shredders and dryers. This upgrade will showcase the combined expertise and innovative solutions offered by both companies.

"We are excited to join forces with Duesenfeld and leverage our combined strengths to drive innovation in battery recycling," said Thomas Gemeiner, Vice President Recycling at ANDRITZ. *"This partnership underscores our commitment to providing economically viable, cutting-edge solutions that support a sustainable future, especially when it comes to reducing CO_2 emissions."*

Duesenfeld is a German company that specializes in the environmentally friendly recycling of lithium-ion batteries. With its innovative, patented processes, Duesenfeld achieves a material recovery rate of over 90% while significantly reducing CO_2 emissions. In 2024, the company was awarded the German Sustainability Award, underlining its leading role in the field of sustainable battery recycling.

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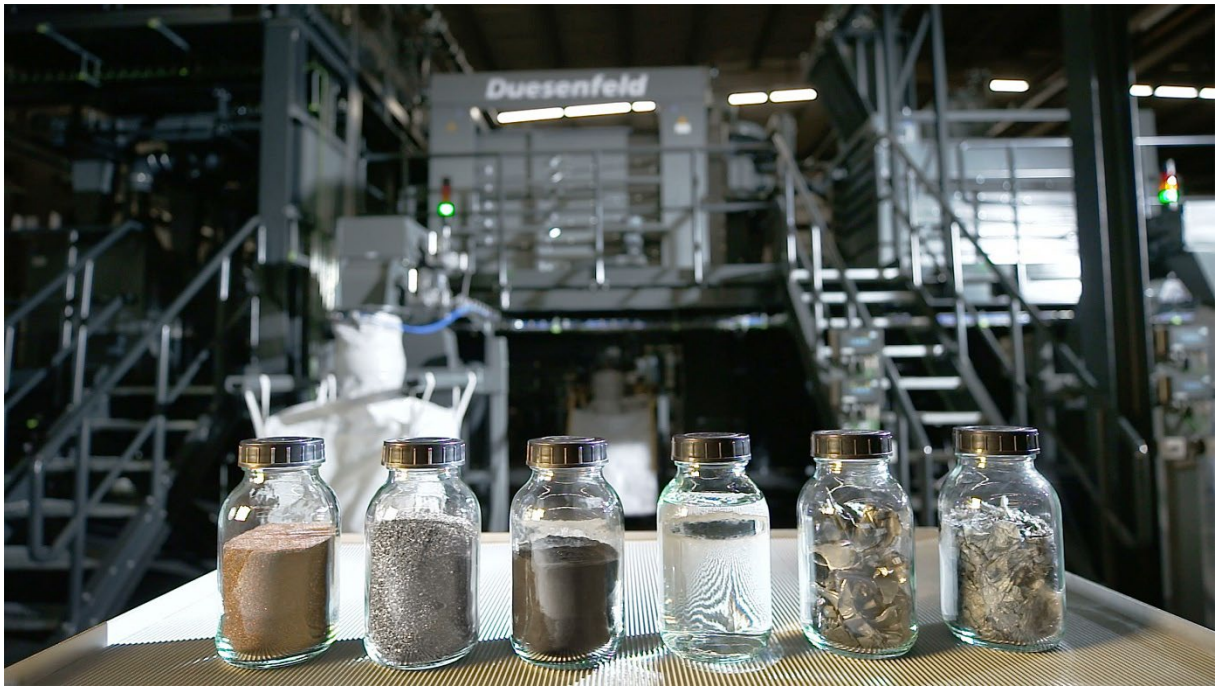

ANDRITZ and Duesenfeld take a big step towards efficient and sustainable battery recycling.

PRESS RELEASE AND IMAGE AVAILABLE FOR DOWNLOAD

The press release and image are available for download at andritz.com/news. The image may be published free of charge if the source is stated: “Image: Duesenfeld”.

FOR FURTHER INFORMATION, PLEASE CONTACT

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ANDRITZ GROUP

International technology group ANDRITZ offers a broad portfolio of innovative plants, equipment, systems, services and digital solutions for a wide range of industries and end markets. Sustainability is an integral part of the company's business strategy and corporate culture. With its extensive portfolio of sustainable products and solutions, ANDRITZ aims to make the greatest possible contribution to a sustainable future and help its customers achieve their sustainability goals. ANDRITZ is a global market leader in all four of its business areas – Pulp & Paper, Metals, Hydropower and Environment & Energy. Technological leadership and global presence are cornerstones of the group's strategy, which is focused on long-term profitable growth. The publicly listed group has around 30,000 employees and over 280 locations in more than 80 countries.

ANDRITZ PULP & PAPER

ANDRITZ Pulp & Paper provides sustainable technology, automation, and service solutions for the production of all types of pulp, paper, board and tissue. The technologies and services focus on increased production efficiency, lower overall operating costs as well as innovative decarbonization strategies and autonomous plant operation.

ANDRITZ RECYCLING

The ANDRITZ plant range offers recycling solutions for a wide variety of different applications: Electronic and electrical waste, refrigerators, cables and flexible wires, metals, end of life vehicle parts like oil filters, motor blocks and tires, household, industrial, organic and wood waste as well as rejects from the pulp and paper industry. The service offering includes system and machine modernization, rebuilds, spare and wear parts, on-site and workshop services, optimization of process performance, maintenance and automation solutions, as well as machine relocation and second-hand equipment.