



PRESS RELEASE

ANDRITZ participates in development of Smart Waste Factory

GRAZ, JUNE 14, 2024. International technology group ANDRITZ is participating in the development project ReWaste F, which brings together science and industry in an effort to transform the Austrian waste management sector towards a sustainable and resource-efficient circular economy. To achieve this goal, the project focuses on the development of a Smart Waste Factory.

Based on technological developments and digitalization, the Smart Waste Factory concept aims to improve the efficiency of waste treatment, increase recycling and recovery rates from mixed waste streams, and reduce greenhouse gas emissions from the waste treatment system. An integrated digital platform will enable overall plant monitoring, control and optimization.

ANDRITZ is currently conducting the first series of trials for ReWaste F at the ANDRITZ Recycling Technology Center (ART Center) in St. Michael, Austria. These trials involve ANDRITZ's versatile shredder technology, IoT sensors for real-time monitoring and classification of waste streams, and automated sorting systems using machine learning and artificial intelligence for precise recycling. In cooperation with universities – Montanuniversität Leoben and FH Joanneum – and industrial companies, the technologies will be comprehensively evaluated and optimized.

ReWaste F - Recycling and Recovery of Waste for Future is a publicly funded R&D COMET – Competence Centers for Excellent Technologies project in Austria, which involves partners from various sectors along the value chain – waste disposal, technology and mechanical engineering, secondary raw material utilization, recycling, digitalization and networking, and science. It consists of a strategic project and three technical areas with individual projects focusing on the characterization of waste materials, their recyclability and testing of mixed waste streams. ReWaste F builds on the successes of the previous COMET project ReWaste 4.0 and will be completed in 2025.

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Trials for ReWaste F at the ANDRITZ Recycling Technology Center in St. Michael

PRESS RELEASE AND PHOTO AVAILABLE FOR DOWNLOAD

The press release and photo are available for download at andritz.com/news. The photo may be published free of charge if the source is stated: "Photo: ANDRITZ".

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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.

The product portfolio also includes boilers for power generation, various nonwoven technologies, and panelboard (MDF) production systems. With waste-to-value recycling, shredding and energy solutions, waste and by-product streams from production are converted into valuable secondary raw materials as well as into sustainable resources for energy generation. State-of-the-art IIoT technologies as part of Metris digitalization solutions complete the comprehensive product offering.