



## PRESS RELEASE

# ANDRITZ introduces CircleToZero® – paving the way towards pulp production with zero emissions and zero waste

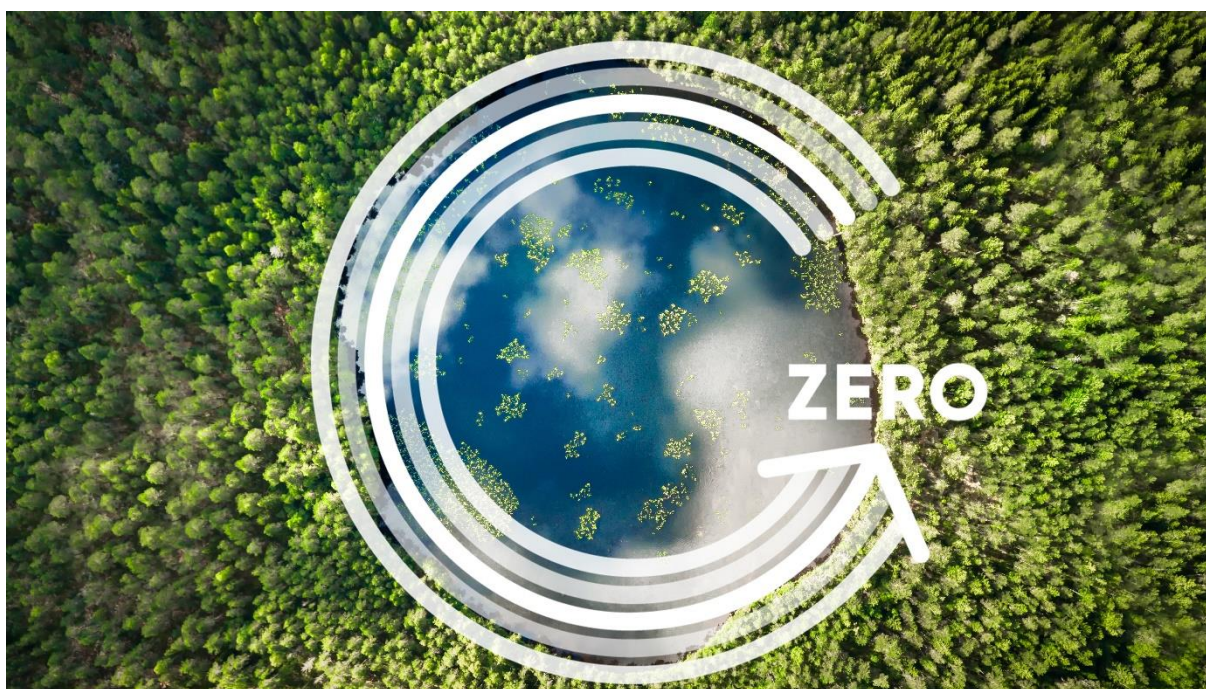
*GRAZ, JULY 21, 2021.* International technology Group ANDRITZ has launched CircleToZero®, a holistic program for the pulp-producing industry with the goal of providing strong support to customers in their efforts to achieve maximum, sustainable production, aiming at zero emissions and zero waste production. Pairing in-house innovations with ANDRITZ's proven and state-of-the-art technologies, CircleToZero will enable the pulp-producing industry to either eliminate or make use of side streams in pulp production and convert by-products into new added-value products.

The ANDRITZ A-Recovery+ program already established is a major part of CircleToZero®. It unleashes the economic potential of the many traditionally unused side streams found in the recovery island of chemical pulp mills. These include purifying raw methanol into commercial quality bio-methanol for instance, on-site production of sulfuric acid, and recovery of kraft lignin. With this newly developed technology, ANDRITZ is helping Södra Cell Mönsterås pulp mill to become the first ever fossil-free biomethanol plant worldwide and also be climate-positive by the end of this decade.

CircleToZero enables customers to achieve immediate bottom-line savings, take up new business and investment opportunities and increase their ability to comply with ever tighter environmental regulations.

*"We look forward to a shared roadmap towards a more sustainable society together with our business partners. Our CircleToZero team is happy to share the program and solutions in detail and define new ways to operate mills in more sustainable ways with enhanced bottom-line results."* Lauri Pehu-Lehtonen, Director A-Recovery+, ANDRITZ explains.

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CircleToZero® from ANDRITZ – paving the way towards pulp production with zero emissions and zero waste

#### **PRESS RELEASE AND PHOTO AVAILABLE FOR DOWNLOAD**

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

#### **FOR FURTHER INFORMATION, PLEASE CONTACT**

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## **ANDRITZ GROUP**

International technology group ANDRITZ offers a broad portfolio of innovative plants, equipment, systems and services for the pulp and paper industry, the hydropower sector, the metals processing and forming industry, pumps, solid/liquid separation in the municipal and industrial sectors, as well as animal feed and biomass pelleting. Plants for power generation, flue gas cleaning, recycling, and the production of nonwovens and panelboard complete the global product and service offering. Innovative products and services in the industrial digitalization sector are offered under the brand name Metris and help customers to make their plants more user-friendly, efficient and profitable. The publicly listed group has around 26,950 employees and more than 280 locations in over 40 countries.

## **ANDRITZ PULP & PAPER**

ANDRITZ Pulp & Paper provides equipment, systems, complete plants and services for the production of all types of pulp, paper, board and tissue. The technologies and services focus on maximum utilization of raw materials, increased production efficiency and sustainability as well as lower overall operating costs. Boilers for power generation, flue gas cleaning systems, plants for the production of nonwovens and panelboard (MDF), as well as recycling and shredding solutions for various waste materials also form a part of this business area. State-of-the-art IIoT technologies as part of Metris digitalization solutions complete the comprehensive product offering.