



## PRESS RELEASE

# ANDRITZ to supply SulfoLoop plant for commercial grade, concentrated sulfuric acid to the new Suzano mill in Ribas do Rio Pardo, Brazil



- ANDRITZ sustainable technologies enable production of commercial grade sulfuric acid from the mill's odorous gases, making the mill self-sufficient in sulfuric acid
- The plant is part of ANDRITZ's CircleToZero product portfolio that focuses on eliminating unused side streams, create new added value products and lay a foundation for zero emissions and zero waste production.

*GRAZ, JANUARY 18, 2023.* ANDRITZ has received an order from Brazilian pulp producer Suzano to deliver a SulfoLoop concentrated sulfuric acid plant for its new pulp mill that Suzano is building in the municipality of Ribas do Rio Pardo, state of Mato Grosso do Sul. The pulp mill, delivered by ANDRITZ, is in the construction phase with start-up scheduled for the second half of 2024.

The sulfuric acid plant will have the capacity to produce 153 tons of commercial grade (>97%) sulfuric acid per day from the pulp mill's concentrated odorous gases and elemental sulfur - thus making the mill completely self-sufficient in sulfuric acid and recycling sulfur from the waste streams. The ANDRITZ SulfoLoop solution is based on the Wet-gas Sulfuric Acid (WSA) technology for converting wet, sulfur-rich gases and elemental sulfur into sulfuric acid.

The sulfuric acid mill will help the new Suzano mill in Ribas do Rio Pardo to control the sodium and sulfur (Na/S) balance and the sulfidity of the pulp mill. Also, the resource-efficiency of the mill will be improved because less sulfate needs to be discharged due to the optimized Na/S balance. An added advantage is that there is no need for hazardous sulfuric acid transport to the mill, which results in a major reduction in the truck transportation volume. The sulfuric acid plant also meets very strict air emission limits and therefore brings a significant improvement to the overall footprint of the new Suzano plant in Ribas do Rio Pardo.





Page: 2 (total 3)

This order once again confirms the excellent business relationship between ANDRITZ and Suzano. Currently ANDRITZ is in the process of supplying all pulp mill technology and process equipment for the new Suzano plant in Ribas do Rio Pardo. Once completed, the pulp mill will be the world's largest plant with a single eucalyptus pulp production line.

SulfoLoop sulfuric acid plants are part of the company's CircleToZero initiative, which includes new technologies aimed at optimizing pulp mill side streams. This global initiative for pulp and paper customers brings together the continuous development and improvement of existing ANDRITZ technology solutions with an ambitious innovation goal for the future: To eliminate unused side streams, create new added-value products, and lay the foundation for zero emissions and zero waste production.

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The ANDRITZ SulfoLoop sulfuric acid plant produces commercial grade, concentrated sulfuric acid.

#### **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, services and digital solutions for a wide range of industries and end markets. ANDRITZ is a global market leader in all four of its business areas – Pulp & Paper, Metals, Hydro, and Separation. Technological leadership, global presence and sustainability are the cornerstones of the group's strategy, which is focused on long-term profitable growth. The publicly listed group has around 27,900 employees and over 280 locations in more than 40 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 maximum utilization of raw materials, increased production efficiency, lower overall operating costs as well as innovative decarbonization strategies and autonomous plant operation. Boilers for power generation, flue gas cleaning systems, various nonwoven technologies, panelboard (MDF) production systems, as well as recycling and shredding solutions for numerous 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.