



## PRESS RELEASE

# ANDRITZ to upgrade evaporation plant for Moorim P&P, South Korea

**GRAZ, FEBRUARY 15, 2024.** International technology group ANDRITZ has received an order from Moorim P&P, South Korea, to upgrade an evaporation plant at its Ulsan mill, which produces bleached kraft pulp and different types of high-quality paper. The refurbishment will help to increase the mill's efficiency and reduce consumption of resources.

Mr. Kim Sangwoo, Project Director, Moorim P&P, says, *"We have set ambitious energy saving targets for our Ulsan mill. This upgrade will increase the capacity of our evaporation line no. 1 and the final dry solids content of the black liquor, which supports these targets. ANDRITZ's efficient technologies will contribute to water and energy savings."*

The upgraded evaporation plant is designed to produce a stable, high-solids black liquor stream for efficient combustion in the recovery boiler. All condensates generated in the evaporation plant can be 100% re-used in other mill areas reducing the need for raw water.

*"This order marks the continuation of the successful long-term cooperation between Moorim P&P and ANDRITZ. Our approach to the evaporation plant upgrade represents the best solution in terms of capacity, process, efficiency, and cost,"* says Sanna Semi, Vice President Global Evaporation Product Group, ANDRITZ.

ANDRITZ's scope of supply includes the following new equipment:

- HD concentrator that will ensure that the evaporation plant sends firing liquor with higher dry solids content to the recovery boiler
- Upgrade of the evaporation plant by adding a new effect 6 and an MVR pre-evaporator that will increase the evaporation capacity
- Foul condensate treatment system that will allow the condensates to be reused inside the mill instead of sending them to an effluent treatment plant. This has the double positive effect of reducing the consumption of freshwater and the need for treating wastewater.

Start-up of the upgraded plant is scheduled for April 2025.

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Moorim P&P's Ulsan mill

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

The 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: Moorim P&P".

#### **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.

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.