



## PRESS RELEASE

# ANDRITZ has received final acceptance from Eldorado for biomass handling plant

*GRAZ, AUGUST 10, 2022.* ANDRITZ has successfully received the Final Acceptance Certificate for a biomass handling plant at Eldorado's Onça Pintada site in Três Lagoas, Mato Grosso do Sul. This plant is part of the first thermoelectric power plant in Brazil to consume eucalyptus stumps and roots.

The plant will be able to generate 50 megawatts of electricity from an innovative source – eucalyptus stumps and roots, the parts of the trees not used in the pulp manufacturing process. This expands the capacity to generate energy from waste material originating from reforestation crops that are maintained by the company itself in the states of Mato Grosso do Sul and São Paulo.

The daily processing capacity is 1,500 tons of material that formerly went to waste in the forest – enough to generate the electricity needed to light up a city of 700,000 inhabitants in a fully sustainable way, and this power will also be fed to the Brazilian national grid.

ANDRITZ has played a key role in the project – from the EPC model to design and supply of the unique solutions and technologies required to implement a generating system for renewable energy. Among the innovations are the truck dumpers designed to receive the chips for feeding the boiler. These chips are delivered by large-capacity vehicles.

The receiving system consists of two truck dumpers coupled to respective hoppers. There is a belt conveyor to receive the material from these hoppers and transport it to the pile. A stacker-reclaimer with a capacity of up to 40,000 m<sup>3</sup> has the functions to form the pile and feed a second belt conveyor, which is responsible for transporting the material to the power boiler.

The project is a pioneering one and the first to use residues left over from pulp production. It promotes sustainable power generation initiatives, drastically reducing the impact on the environment and encouraging energy generation and pulp production that respects the boundaries of natural resources renewal.

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ANDRITZ Biomass Handling Plant at Eldorado.

#### **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**

Dr. Michael Buchbauer  
Head of Corporate Communications  
[michael.buchbauer@andritz.com](mailto:michael.buchbauer@andritz.com)  
[andritz.com](https://andritz.com)



## **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 27,400 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.