



PRESS RELEASE

ANDRITZ to supply complete pulp mill to UPM in Uruguay

GRAZ/HELSINKI, FEBRUARY 11, 2020. International technology group ANDRITZ was selected by UPM, headquartered in Helsinki, Finland, to supply energy-efficient and environmentally leading equipment and processes for all main process islands in fiber production and chemical recovery for their new pulp mill to be built near Paso de los Toros in central Uruguay. This world-class eucalyptus pulp mill will have an annual production capacity of 2.1 million tonnes and is scheduled for start-up in the second half of 2022.

The core equipment supplied by ANDRITZ will originate largely from Finland and thus will have a significant positive employment impact on employment for ANDRITZ's staff there as well as on the ANDRITZ workshops where a large part of the core equipment for this contract will be manufactured.

The ANDRITZ scope of supply includes the following:

- A complete **Wood Processing Plant** maximizing utilization of various eucalyptus species.
- The world's largest single-line **Fiberline**, including state-of-the-art LoSolids continuous cooking with efficient heat recovery and unique washing and bleaching technology based on DD-Washers, all contributing towards high-quality pulp, highest operational time, and low chemical consumption, thus having lowest environmental impact.
- A new and innovative **Pulp Drying System** with two energy-efficient pulp drying lines based on the high-capacity Twin Wire Former technology.
- An energy-efficient black liquor **Evaporation Plant** with a tailor-made process solution resulting in high availability and increasing the overall production and efficiency of the plant.
- The **HERB Recovery Boiler** features energy-efficient flue gas cooling and feed water preheating technologies to maximize steam production for power generation. The state-of-the-art HERB Recovery Boiler is designed for extended operating periods.
- A biomass **Power Boiler** based on high-quality ANDRITZ EcoFluid Bubbling Fluidized Bed (BFB) technology. The scope of supply includes a biomass-fired boiler with flue gas cleaning and other auxiliary equipment. The Power Boiler also supplies steam for the mill during start-up. The fuels used are bark, harvesting residues and sludges from the mill.
- A complete **White Liquor Plant**. The new recausticizing plant includes efficient green liquor filtration with LimeGreen filters – producing clean green liquor and minimizing waste to landfill. The new lime kiln plant includes two lime kilns with high-efficiency ANDRITZ LimeCools.





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This major order once again confirms the excellent and long-term business relationship between ANDRITZ and UPM. ANDRITZ also supplied a complete pulp mill in Fray Bentos, Uruguay, which was started up successfully in 2007 and is now owned by UPM.

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UPM will build a eucalyptus pulp mill with a production capacity of 2.1 million tonnes in Paso de los Toros, Uruguay. ANDRITZ will deliver all pulp production and power generating equipment as well as chemical recovery technologies for the mill.



ANDRITZ also delivered UPM's first pulp mill in Uruguay, which was started up in 2007 in Fray Bentos.



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ANDRITZ GROUP

ANDRITZ is an international technology group providing plants, systems, equipment, and services for various industries. The company is one of the technology and global market leaders in the hydropower business, the pulp and paper industry, the metal working and steel industries, and in solid/liquid separation in the municipal and industrial segments. Other important fields of business are animal feed and biomass pelleting, as well as automation, where ANDRITZ offers a wide range of innovative products and services in the IIoT (Industrial Internet of Things) sector under the brand name of Metris. In addition, the company is active in power generation (steam boiler plants, biomass power plants, recovery boilers, and gasification plants) and environmental technology (flue gas and exhaust gas cleaning plants) and offers equipment for the production of nonwovens, dissolving pulp, and panelboard, as well as recycling plants.

ANDRITZ stands for passion, partnership, perspectives and versatility – core values to which the company is committed. The listed Group is headquartered in Graz, Austria. With almost 170 years of experience, approximately 29,700 employees, and more than 280 locations in over 40 countries worldwide, ANDRITZ is a reliable and competent partner and helps its customers to achieve their corporate and sustainability goals.

ANDRITZ PULP & PAPER

ANDRITZ Pulp & Paper is a leading global supplier of complete plants, systems, equipment, and comprehensive services for the production and processing of all types of pulp, paper, board, and tissue. The technologies cover processing of logs, annual fibers, and waste paper; production of chemical pulp, mechanical pulp, and recycled fibers; recovery and reuse of chemicals; preparation of paper machine furnish; production of paper, board, and tissue; sizing, calendering and coating of paper; as well as treatment of reject materials and sludge. The service offering includes system and machine modernization, rebuilds, spare and wear parts, on-site and workshop services, optimization of process performance, maintenance and automation solutions, as well as machine relocation and second-hand equipment. Biomass, steam and recovery boilers for power production, gasification and flue gas cleaning plants, systems and plants for the production of nonwovens and absorbent hygiene products, dissolving pulp, and panelboard (MDF), as well as recycling and shredding solutions for various waste materials also form a part of this business area.