



PRESSE RELEASE

## ANDRITZ successfully starts up the world's first fossil-free biomethanol plant at Södra, Sweden

*GRAZ, MARCH 23, 2020.* International technology group ANDRITZ has recently started up the world's first biomethanol plant using ANDRITZ's self-developed A-Recovery+ concept at the Södra Cell Mönsterås pulp mill in southeastern Sweden. The plant has an annual production capacity of 6.3 million liters of biomethanol from forest biomass. The fossil-free biomethanol can be used for applications in the pulp mill itself, or as a substitute for fossil-based methanol in the transport sector (biodiesel) and as a chemical base substance. The ANDRITZ delivery to Södra included proprietary process design and full EPC delivery, excluding automation, instrumentation, electrification and civil works.

The A-Recovery+ concept from ANDRITZ delivers commercial grade biomethanol by using a patented extraction process. It offers next-generation solutions for the chemical recovery cycle of pulp mills, with the target of utilizing the pulp mill side streams to the maximum extent possible. In addition to biomethanol production, A-Recovery+ also produces sulfuric acid from odorous gases and recovers lignin for the production of high-quality lignin to be used in advanced bioproducts.

With this first ever fossil-free biomethanol plant worldwide, ANDRITZ is strongly supporting Södra's ambitions to make its operations entirely fossil-free and be climate-positive by the end of this decade. To achieve this aim, Södra is aiming at eliminating fossil fuel use throughout its operations and producing innovative products that replace fossil-based raw materials.

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ENGINEERED SUCCESS





Page: 2 (total 3)



Biomethanol plant (3D image)



Biomethanol plant at Södra Mönsterås, Sweden



Page: 3 (total 3)

### **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, solid/liquid separation in the municipal and industrial sectors, as well as animal feed and biomass pelleting. The global product and service portfolio is rounded off with plants for power generation, recycling, the production of nonwovens and panelboard, as well as automation and digital solutions offered under the brand name of Metris. The publicly listed group today has around 29,500 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 production, flue gas cleaning plants, 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.