



## PRESS RELEASE

# ANDRITZ successfully starts up biomass boiler plant at Vattenfall AB, Uppsala, Sweden

*GRAZ, MARCH 17, 2022.* International technology group ANDRITZ has successfully started up a new biomass boiler plant, including a biomass receiving and handling system, at Swedish energy company Vattenfall AB for its “Carpe Futurum” project.

The heating plant is located on Vattenfall’s existing combined heat and power plant site in Uppsala, Sweden, some 70 km north of Stockholm. This new plant supplies more than 110 MW of district heat to the Uppsala area and is also prepared for electricity production at a later stage. The fuel for the new plant comprises different kinds of wood-based biomass, such as recycled wood, bark, wood chips, and sawdust.

The ANDRITZ scope of supply included biomass receiving, handling and storage silos, a biomass-fired boiler with flue gas cleaning, and a flue gas condenser. The boiler is based on the ANDRITZ EcoFluid bubbling fluidized bed design, which combines high efficiency with excellent environmental performance. Flue gas emissions are reduced to very low levels, with the selective catalytic reduction (SCR) method for NOx emissions and a baghouse filter, including sorbent feeding, for sulfur dioxide (SO<sub>2</sub>), hydrochloric acid (HCl), heavy metals, and dust emissions. The flue gas condenser significantly increases the district heat output and, therefore, improves plant efficiency to beyond 110% when calculated using the fuel lower heating value.

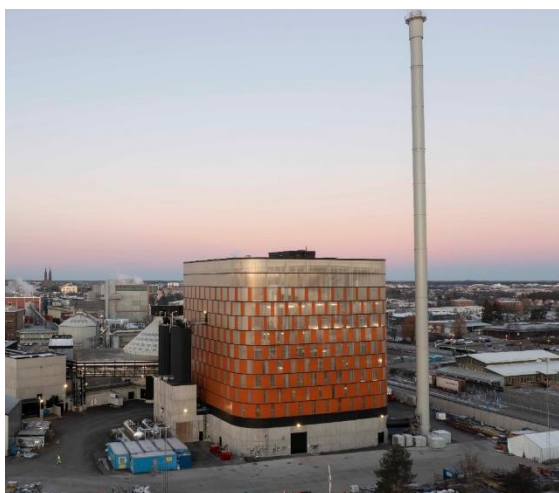
The “Carpe Futurum” project is an important part of Vattenfall’s goal of becoming CO<sub>2</sub> neutral with their energy systems and its combined heat and power plants by 2030. Vattenfall delivers district heat to more than 90% of the houses in Uppsala, providing heating for more than 180,000 people.

Mattias Lindqvist, Project Director, Vattenfall AB, comments: *“We are very satisfied with how we were able to complete and start up the Carpe Futurum project together with ANDRITZ despite the challenges of the COVID-19 pandemic. We are grateful to the ANDRITZ team members for their assistance during the project, which was carried out with a high level of professionalism and dedication.”*

This order from Vattenfall once again demonstrates ANDRITZ’s strong global position in the supply of state-of-the-art and environmentally friendly biomass boilers and fuel handling equipment.

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New biomass boiler plant delivered by ANDRITZ  
for Vattenfall's combined heat and power plant site in Uppsala, Sweden

#### **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 26,800 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.