



PRESS RELEASE

ANDRITZ carbon capture plant is now operating successfully at voestalpine

GRAZ, AUGUST 17, 2023. International technology group ANDRITZ has supplied its first carbon capture plant to the steel industry. The pilot plant started operating at voestalpine's steel mill in Linz, Austria, in the second quarter of this year.

The plant separates carbon dioxide from the flue gases resulting from iron making using an amine-based process designed by ANDRITZ. The captured CO₂ is filled into large industrial gas bottles and delivered to an Austrian energy storage company that is investigating new ways of making it available for re-use in steel production, fostering a sustainable carbon circularity and reducing the need for fossil fuel.

The plant was ordered by the K1-MET metallurgical competence center, a leading research body working with national and international partners like voestalpine to address issues such as energy efficiency, circular economy, and climate-neutral metal production. It helps to gain experience in plant operation, investigate new absorption media, and optimize the process.

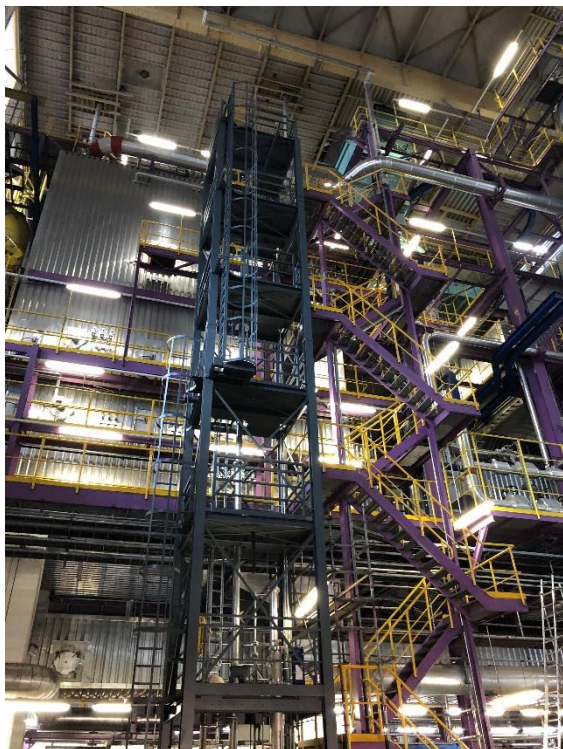
Michael Derntl of K1-MET says: *"Successful pilot operation of the carbon capture plant will help us to take an important step towards using this technology at an industrial scale in the steel industry."*

With its carbon capture technology, ANDRITZ supports companies in decarbonizing their operations and creates the basis for storage or further processing and utilization of CO₂. *"As the availability of renewable energy and green hydrogen will not be sufficient to meet medium-term climate targets, carbon capture will play a key role in significantly reducing CO₂ emissions in this transition phase,"* says ANDRITZ CEO Joachim Schönbeck.

– End –

ENGINEERED SUCCESS





ANDRITZ carbon capture plant at voestalpine's steel mill in Linz

PRESS RELEASE AND PHOTO AVAILABLE FOR DOWNLOAD

Press release and photo are available for download at 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. 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, Hydro and Separation. 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 29,900 employees and over 280 locations in more than 40 countries.