



## PRESS RELEASE

# Developing circularity in fashion: ANDRITZ receives engineering order for landmark textile recycling plant from Circ®

**GRAZ, NOVEMBER 28, 2024.** International technology group ANDRITZ has received an engineering order from US textile recycling innovator Circ in anticipation of its first large-scale textile recycling plant. The plant will be the first to recover cotton and polyester from blended textile waste.

Conor Hartman, Chief Operating Officer at Circ, says: *"We remain excited about this continued collaboration with ANDRITZ. Together, we will commercialize Circ's innovative recycling process and take another step towards a truly circular fashion industry. With its expertise in engineering and building large-scale process equipment, ANDRITZ is the right partner to help us transform textile waste into recycled fibers on an industrial level."*

The majority of fashion waste consists of polyester-cotton blends, which poses a significant challenge to achieving greater circularity. In particular, the separation of cellulosic and synthetic fibers from textile waste has been a major obstacle. Circ's innovative recycling process can break down polycotton textile waste into its original components – polyester and cotton. The forthcoming plant will process 200 tons of textile waste per day, allowing cotton to be recycled for lyocell production and polyester to be reused for polyester production. This will reduce the need for virgin raw materials.

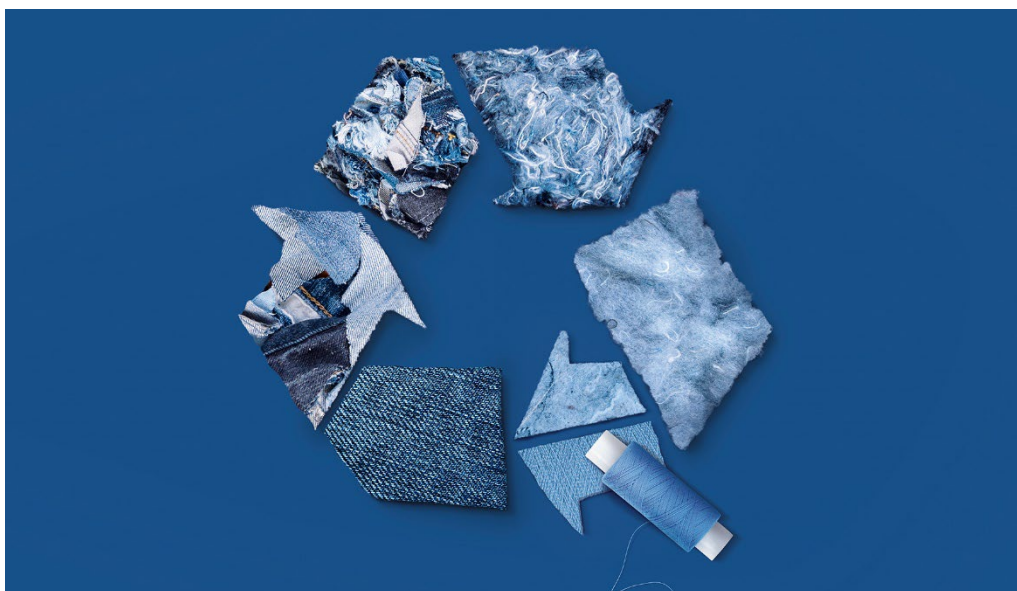
Michael Waupotitsch, Vice President Textile Recycling at ANDRITZ, comments: *"We are eager to support Circ in their vision of circularity because the technology they have developed is uniquely suited to solve one of the biggest challenges in fashion waste and recycling. With our holistic knowledge in resizing, mechanical separation, hydrothermal processing, recovery of cellulosic pulp as well as pulp cleaning and pulp drying, we have the right expertise to help them achieve their goals. Our experience in process development and machinery will help bring their innovative recycling technology to life."*

ANDRITZ has been successfully conducting trials for Circ at the ANDRITZ Fiber R&D Center in Springfield, Ohio, USA, for several years. The successful partnership and recent developments have led to the decision to expand this cooperation.

Circ® is a pioneering company focused on sustainable solutions for the fashion industry. By converting fashion waste into reusable raw materials for fabrics, Circ reduces the need for petroleum and natural resources. The company's mission is to build a truly circular economy to protect the planet from the cost of clothing.

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Circ will benefit from ANDRITZ's comprehensive textile recycling portfolio and know-how.

**PRESS RELEASE AND IMAGE AVAILABLE FOR DOWNLOAD**

The press release and image are available for download at [andritz.com/news](https://www.andritz.com/news). The image may be published free of charge if the source is stated: "Image: 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, Hydropower and Environment & Energy. 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 30,000 employees and over 280 locations in more than 80 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 increased production efficiency, lower overall operating costs as well as innovative decarbonization strategies and autonomous plant operation.

The product portfolio also includes boilers for power generation, various nonwoven technologies, and panelboard (MDF) production systems. With waste-to-value recycling, shredding and energy solutions, waste and by-product streams from production are converted into valuable secondary raw materials as well as into sustainable resources for energy generation. State-of-the-art IIoT technologies as part of Metris digitalization solutions complete the comprehensive product offering.