

Media Release

Voith Paper

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Voith and Essity develop groundbreaking concept for sustainable paper production

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- Voith and Essity are working on a breakthrough concept for the entire papermaking process
- The concept enables a CO₂ neutral paper production, as well as to reduce fresh water consumption by up to 95% and energy consumption by up to 40%
- Successful laboratory-scale test runs have already taken place; now the results are being transferred to a pilot line

HEIDENHEIM. Saving CO₂ emissions and energy are among the most important fields of action of our time. In recognition of this fact, Voith has developed a completely new, disruptive concept that allows CO₂ neutral paper production. Moreover, the groundbreaking concept reduces fresh water consumption by up to 95 percent as well as energy consumption by up to 40 percent throughout the entire papermaking process. The disruptive process no longer requires fossil fuels. Voith has now agreed an exclusive partnership with Essity, a global hygiene and healthcare company, to drive further development of this new process. Accordingly, the development incorporates both Essity's extensive expertise in the tissue industry and Voith's knowledge as the leading technology supplier.

"As the full-line supplier to the paper industry, we have set ourselves the ambitious goal of being able to realize CO₂ neutral paper production by 2030," says Andreas Endters, President & CEO of Voith Paper. "The fact that we have developed this new process is an important milestone in the industry and demonstrates our high level of innovation. We are very pleased to have found a suitable partner in Essity, who shares our objective of climate-neutral paper production."

"Sustainability is integrated into Essity's strategy for long-term profitable growth. We are committed to reducing our environmental footprint and

achieving net zero emissions by 2050. This partnership with Voith is yet another concrete example of this," says Magnus Groth, President & CEO of Essity.

Following successful trials on a laboratory scale, the research results obtained will now be transferred to a pilot line at the Voith Heidenheim site, Germany. This new set-up will enable testing under conditions close to production.

Papermaking for Life sustainability program

As part of the innovation and development initiative "Papermaking for Life," Voith Paper presents versatile technologies and solutions that lead to more efficient and sustainable processes in papermaking. The emphasis is on water, energy and fiber savings as well as digitalization, innovations and partnerships as levers for more sustainable production. Another focus is on Voith's own activities at its locations worldwide. Learn more about Voith Paper's innovations in the area of sustainability: voith.com/Papermaking-for-Life.

About Essity

Essity is a leading global hygiene and health company. The company is dedicated to improving well-being through its products and services. Sales are conducted in approximately 150 countries under the leading global brands TENA and Tork, and other strong brands, such as Actimove, JOBST, Knix, Leukoplast, Libero, Libresse, Lotus, Modibodi, Nosotras, Saba, Tempo, TOM Organic, Vinda and Zewa. Essity has about 48,000 employees. Net sales in 2022 amounted to approximately SEK 156bn (EUR 15bn). The company's headquarters is located in Stockholm, Sweden, and Essity is listed on Nasdaq Stockholm. Essity breaks barriers to well-being and contributes to a healthy, sustainable and circular society. More information at www.essity.com.

About the Voith Group

The Voith Group is a global technology company. With its broad portfolio of systems, products, services and digital applications, Voith sets standards in the markets of energy, paper, raw materials and transport & automotive. Founded in 1867, the company today has around 21,000 employees, sales of € 4.9 billion and locations in over 60 countries worldwide and is thus one of the larger family-owned companies in Europe.

The Group Division Voith Paper is part of the Voith Group. As the full-line supplier to the paper industry, it provides the largest range of technologies,

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Page 2 of 3

services and products on the market and offers paper manufacturers holistic solutions from one source. The company's continuous stream of innovations facilitates resource-conserving production and helps customers minimize their carbon footprint. With its leading automation products and digitalization solutions from the Papermaking 4.0 portfolio, Voith offers its customers state-of-the-art digital technologies to improve plant availability and efficiency for all sections of the production process.

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Page 3 of 3



Voith has set itself the ambitious goal of achieving CO₂-neutral paper production by 2030.

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