

Press release

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Essity and Voith develop groundbreaking concept for sustainable tissue production

Hygiene and health company Essity has entered an exclusive partnership with the global technology company Voith to develop a new tissue making process that will reduce energy and CO₂ emissions while cutting water consumption by up to 95%.

After becoming the first company in the industry to produce tissue in a CO₂-free production process using renewable hydrogen a few weeks ago, and produce high-quality tissue from agricultural waste one and a half years earlier, the hygiene and health company Essity is set to achieve yet another major milestone in the company's commitment to achieving net zero emissions of greenhouse gases by 2050.

In an exclusive partnership with Voith, Essity will collaborate in the development of a new disruptive concept that revolutionizes and rethinks tissue manufacturing. Compared to conventional paper making processes, this process enables CO₂-neutral tissue production, and reduces freshwater consumption by 95%, and energy consumption by up to 40%.

"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. The partnership with Voith is yet another concrete example of this," says Magnus Groth, President and CEO of Essity.

The initiative incorporates both Essity's extensive expertise in the tissue industry and Voith's know-how 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."

Successful test runs have already taken place on a laboratory scale, and the concept is now being transferred to a dynamic process. A pilot phase will be launched later this year before being implemented industrially.

Read more about Essity's journey to net zero [here](#).

For additional information please contact:

Helena Hansen, Media Relations Manager, +46 70 616 96 69, helena.j.hansen@essity.com

About Essity

Essity is a leading global hygiene and health company. We are dedicated to improving well-being through our 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.