

## Media Release

Voith Paper

Mailing address:  
J.M. Voith SE & Co. KG  
Global Communications Voith Paper  
St. Poeltener Strasse 43  
89522 Heidenheim, Germany  
Tel. +49 7321 37-2209  
[www.voith.com](http://www.voith.com)

### Investment in the production of future-proof and sustainable packaging solutions: Voith acquires stake in Swedish start-up Yangi® AB

2023-01-24

- Innovation and development partnership between Voith and start-up Yangi®
- Yangi® is leading the development of a dry forming process to produce 3D-formed, cellulose-based packaging in one machine line without process water
- Compared to the alternative energy- and water-intensive wet pulp molding process, the innovative process saves 75 percent energy

**VARBERG/HEIDENHEIM.** Voith has acquired shares in the sustainability start-up Yangi®, headquartered in Varberg, Sweden. Both parties signed the purchase agreement in December 2022. Yangi's® ground-breaking technology emerges from 10 years of R&D within its sister company, The Loop Factory®, which focuses on the megatrends of sustainability and circular economy. As a result, the leading full-line supplier Voith is investing in new, future-oriented technologies to further drive decarbonization in the paper industry.

Yangi® has developed a manufacturing process and is pioneering a new technology to produce 3D-formed, cellulose-based packaging. The process is based on dry forming principles in one machine line and enables a cost- and resource-efficient solution that has the potential to replace rigid plastic at scale. Compared to the water- and energy-intensive wet pulp molding process, Yangi's® dry forming process uses no water and less energy, resulting in minimized CO<sub>2</sub> emissions and 75 percent less energy consumption. The applications for packaging solutions are diverse and range from cosmetics and beauty products to fresh food, take-away, and consumer goods. For example, in addition to Voith, the luxury brand CHANEL has also acquired shares in Yangi® and is actively supporting its business development.

"We are excited about the partnership between Voith and Yangi. With Voith, we have found the right partner to further develop our innovative solutions and also grow in new business areas," says Johann Kaiser, CEO of Yangi®. "From the beginning, we have been united by our common interest and motivation in sustainable technologies," confirms Anna Altner, founder of Yangi® and The Loop Factory®.

Voith Paper

Mailing address:

J.M. Voith SE & Co. KG  
Global Communications Voith Paper  
St. Poeltener Strasse 43  
89522 Heidenheim, Germany  
Tel. +49 7321 37-2209  
[www.voith.com](http://www.voith.com)

"Voith's expertise as the leading full-line supplier in the paper industry and Yangi's expertise in dry processing of fibers open new doors for innovative solutions. Fiber-based packaging is a sustainable alternative to plastic and will continue to gain relevance," emphasizes Dr. Michael Weiss, CTO at Voith Paper. Compared to petroleum-based packaging, the newly produced fiber packaging saves 75 percent CO<sub>2</sub> emissions. In addition, the innovative process is characterized by short cycle times. Michael Weiss continues, "The investment in Yangi is therefore an important strategic step for us to advance our decarbonization strategy as part of our Papermaking for Life sustainability program."

Page 2 of 4

### **About Yangi® AB**

Yangi® is reshaping the world of packaging through its revolutionary manufacturing technology and next-generation fiber-based solutions. Emerging from 10 years of R&D within its sister company, The Loop Factory®, Yangi® offers an open-source, turn-key machine platform and customized packages of value-added services such as material on subscription and ready-made design concepts, meeting the needs of manufacturers and brands for more sustainable packaging alternatives. Yangi® is a pioneering, innovative and established partner within the dry-formed fiber industry. To learn more, visit <http://www.yangi.se>.

### **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, 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.

Voith Paper

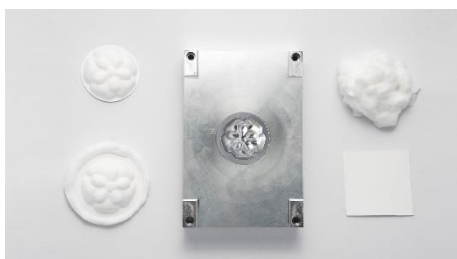
Mailing address:

J.M. Voith SE & Co. KG  
Global Communications Voith Paper  
St. Poeltener Strasse 43  
89522 Heidenheim, Germany  
Tel. +49 7321 37-2209  
[www.voith.com](http://www.voith.com)

Page 3 of 4



Voith takes a stake in the Swedish start-up Yangi® AB to invest in sustainable technologies.



Compared to the water- and energy-intensive wet pulp molding process, the dry forming process from Yangi® requires no process water and 75 percent less energy.



The packaging solutions can be used in a variety of ways and are considered a sustainable alternative to plastic packaging.

## Contact

Naomi Keitel  
Manager Global Communications Voith Paper  
Tel. +49 7321 37 2209  
Naomi.Keitel@Voith.com

Voith Paper

Mailing address:  
J.M. Voith SE & Co. KG  
Global Communications Voith Paper  
St. Poeltener Strasse 43  
89522 Heidenheim, Germany  
Tel. +49 7321 37-2209  
www.voith.com

Page 4 of 4

## Twitter

<https://twitter.com/voithgroup>  
[https://twitter.com/voith\\_hydro](https://twitter.com/voith_hydro)

## LinkedIn

<https://www.linkedin.com/company/voithgroup>  
<https://www.linkedin.com/company/voith-hydro>  
<https://www.linkedin.com/company/voith-turbo>  
<https://www.linkedin.com/company/voith-paper>  
<https://www.linkedin.com/company/voith-digital-transformation>

## YouTube

<https://www.youtube.com/VoithGroup>

## Instagram

<https://www.instagram.com/voithgroup>