

**MEDIA RELEASE**

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## **Sulzer is a committed processes development partner for bio-based products**

**With long traditions as a trusted process equipment supplier in the field, Sulzer is also actively involved in developing and scaling up processes for new bio-based products. The development aims at turning wood, lignin, straws, textiles, and various forms of waste biomass into sustainable end products.**

The use of non-fossil and recycled materials is driven by ecological concerns and regulatory incentives to reduce waste and improve recycling. Due to the fibrous nature of the bio-based feedstock, equipment used in pulp, paper, and board processes can be utilized and adapted. The development is conducted in a strong network of industry leading clients, academics, as well as research and development institutions.

### **Foam formation**

Pulp is turned into foam and processed into end products and components. The resulting foam can be used for a range cellulose- and textile fiber-based end products in for example packaging materials, acoustic panels, and other every-day consumables.

### **Separation applications**

Sulzer is actively involved in the development of separation applications, where of lignin, pulp, and hemi-cellulose are extracted and utilized in further refinery. The substances offer vast possibilities for industrial value-streams, and they can be found in wood, straws, seaweed, and other biomass.

### **Textile applications**

The textile applications revolve around recycling textiles from post-consumer waste and producing textiles from bio-based virgin sources. The development holds promising direction for the textile and clothing industries as well as the nonwovens category.

### **Microfibrillated cellulose**

Microfibrillated cellulose can be used to produce wood-based alternatives for manufacturing plastics, cosmetics, coatings, films and the like. Due to its versatile nature, cost-efficient industrial processes and new use cases for further refinery are constantly researched.

## **MEDIA RELEASE**

June 11, 2015

Sulzer is a committed processes development partner for bio-based products

Page 2 of 2

In addition to numerous successful breakthroughs, Sulzer continues to develop advanced technologies for processing of the bio-based materials. “Our partners want us involved in the early stages of process development due to our expertise, wide portfolio and the curiosity to be a part of future development. Contributing to their industrialization and commercialization is one way Sulzer supports the green transition in the industry”, says Sirpa Välimaa, Sulzer’s head of pulp, paper, and board segment.

### **About Sulzer**

Sulzer is a global leader in fluid engineering and chemical processing applications. We specialize in energy efficient pumping, agitation, mixing, separation, purification, crystallization and polymerization technologies for fluids of all types. Our solutions enable carbon emission reductions, development of polymers from biological sources, recycling of plastic waste and textiles, and efficient power storage. Our customers benefit from our commitment to innovation, performance, and quality through our responsive network of 160 world-class manufacturing facilities and service centers across the globe. Sulzer has been headquartered in Winterthur, Switzerland, since 1834. In 2023, our 13’130 employees delivered revenues of CHF 3.3 billion. Our shares are traded on the SIX Swiss Exchange (SIX: SUN). [www.sulzer.com](http://www.sulzer.com)

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