

PRESS RELEASE



Kelheim, 26/08/2021

Circular economy at Kelheim Fibres: Examples of innovation from raw material, product design and all the way to “end of life”

A sustainable product is a mosaic of many individual building blocks - Kelheim Fibres, the world's first viscose fibre producer with an EMAS-certified environmental management system, is constantly working to further improve every single one of these building blocks.

The innovative viscose special fibres from Kelheim can be functionalised as required - this often saves further processing steps (such as dyeing or coating) and thus also energy, water and chemicals.

At the end of their product life, fibres from Kelheim are completely biodegradable in a short time (according to OECD Test 301 B) and thus contribute to the preservation of valuable habitats.

Now Kelheim Fibres is taking a step further: the fibre specialists are working on the development of alternative raw materials, such as recycled cellulose as well as other cellulosic feedstocks for the production of their viscose fibres. One approach to closing the product loop in the textile sector is the use of pulp produced from recycled post-consumer waste materials.

Kelheim Fibres offers its customers innovative viscose fibres made exclusively from certified wood from sustainably managed forests for the production of plastic-free and biodegradable end products.

In production, Kelheim Fibres focuses on conserving resources by minimising emissions and waste. This happens through closed-loop recovery systems as well as a highly efficient energy generation and the energy-efficient operation of the plants.

Find out more in the lecture by Dr Roland Scholz, Project Manager Fibre and Application Development at Kelheim Fibres, on Wednesday, 15 September, at 5.50 p.m., in Hall B of the 60th Dornbirn GFC WEBINAR WEEK.

Contact Kelheim Fibres

Stefanie Heigl

Tel: +49 9971 99 63 659

E-Mail: stefanie.heigl@kelheim-fibres.com

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About Kelheim Fibres

Kelheim Fibres GmbH is the world's leading manufacturer of viscose speciality fibres. Innovative products, flexible technologies and an exceptional focus on sustainability form the foundation of the company's success.

Our speciality fibres are used in most diverse applications from fashion, hygiene and medical products to nonwovens and speciality papers.

All our fibres are made from 100% wood pulp from PEFC™ or FSC® certified sources. They are fully biodegradable and offer an environmentally sound alternative to petroleum-based materials in a broad range of different end products – while maintaining or even enhancing the functional performance of the product.

The production takes place exclusively in Germany and complies with the strict German environmental legislation. Our closed-loop philosophy and an energy-efficient way to operate our plants help to save valuable resources. Kelheim Fibres is the first viscose manufacturer worldwide with an EMAS-validated environmental management system.

www.kelheim-fibres.com

