

Conference on Cellulose Fibres 2022 - 2-3 February 2022 Cologne

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### **Time to demonstrate Future proof loop**

Recent years have seen rapid development on cellulose fibers, several new technologies are now in piloting and demonstration phase while first of factory projects are active. Wide variety of properties renewing also textile offering through new opportunities for designers to delight us. In other words, not only one right solution, but several bright innovations. Next on is combining renewable textile fibers with starting recycling.

Going from pilot to first factory is same time opportunity and major risk, which reduces by means process and product testing, which requires proper in demonstration scale. This vivid development is challenge not only for academy, start-ups and bio-refining companies, but also for investors and areal development authorities. Simultaneous development of demands, offering and value networks require novel technical solutions and business models.

Finland will become as a forerunner in sustainable and knowledge-based textile industry by 2035 providing sustainability, responsibility and positive consumer perception. Only in Finland, a renewed textile industry would mean an estimated one billion euros investments and almost 17 000 new jobs by 2035, and a strengthened global reputation as a leader in the circular economy and sustainable development.

<https://www.vttresearch.com/en/news-and-ideas/finnish-textile-industry-will-be-most-responsible-and-functional-world-2035>