



Greetings from Lounais-Suomen Jätehuolto!

In Finland, 2023 began with obligation to carry out separate collection of textile waste as the first country in the EU. Waste facilities offer separate collections for household post-consumer textile waste so that valuable materials can be recycled instead of ending up in mixed waste. LSJH coordinates a nationwide collection network that already reaches more than 4.5 million Finns. LSJH offers a recycling solution for collected and sorted end-of-life textiles by processing it into raw material for new products. Interest in the utilization of recycled raw materials has increased, and new opportunities for the utilization of various materials are being explored in many industries. Although the recycled fiber market is still developing, new innovations, projects and experiments are being carried out across Europe.

In addition to Telavalue project, LSJH is involved in many other projects, such as tExtended project led by VTT and Sustafit project carried out by Tampere University of Applied Sciences, Aalto university and VTT. We have also participated in several events arranged by Business Finland and Finnish Textile & Fashion. In all these networks, the most important thing is that research, companies, and the public sector work together to think of solutions for the circular economy of textiles. In addition, work is being done at the EU level in various ways to promote the circular economy, such as the textile strategy, ESPR Ecodesign, Green claims and waste framework directives.

Although many solutions are still in the early stages, there are already commercial products that are made with raw material processed by LSJH from post-consumer textile waste. One of these is eco yarns by Pirtin Kehräämö and other Kierto textiles by Jokipiin Pellava. These successes through practical experiments are needed. Each operator in the refining chains is an important part of the whole, bringing its own production know-how and creating demand and supply. We are creating something new together, and for that we need everyone so that we can utilize end-of-life textiles and make the refining chains work. A year ago, we were in a very different situation than we are now. If the pace of development at the beginning of this year continues, we will soon be able to utilize different materials even more extensively and offer the market high-quality recycled raw material that enables a circular economy in the textile sector.

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Circular textiles and services



Find interesting textile industry partners in Telavalue value chain map

The meaning of value chains is significant in enabling the circular economy of textiles. The Telavalue project has reflected on future circular textile value chains and investigated what kind of actors there already exists in Europe. This data has now been collected on the value chain map which can help Finnish organisations to find interesting textile industry partners to strengthen their circular economy business also internationally.

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Greetings from Telavalue project

Telaketju's third Telavalue project funded by Business Finland passed the halfway point in early February. The research work is progressing at a fast pace and also the experimental work regarding recycling and manufacturing demonstrations has mainly started.

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This is what ultra fast fashion is made of

There is no official definition for ultra fast fashion, but it differs from fast fashion in regards of super low prices, fast changing collections and distinctive marketing habits.

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Companies in Telavalue

Valmet

Valmet is a leading global developer and supplier of process technologies, automation and services for the pulp, paper and energy industries. With our automation systems and flow control solutions we serve an even wider base of process industries.

We aim to become the global champion in serving our customers. Our 17,000 professionals work close to our customers and are committed to improving our customers' performance – every day.

Valmet takes part in Telavalue as sustainability is at the core of Valmet's business strategy and operations. We enhance circularity and environmental efficiency through the entire value chain. This includes also Valmet's technical textile business: felts, fabrics and filter cloths.

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Saimas Spinnery

Saimas Spinnery, based in Puumala, by lake Saimaa, is the start of a new era for the Finnish spinning industry. All our processes are sustainable, environmentally sound and animal-friendly. Our comprehensive know-how, experience of the international knitting field, plus the state-of-the-art technologies we use, will take the production of Finnish woollen yarns to another level. Our goal is that the end consumer always knows the origin of the yarn they use, and where the yarn was scoured and spun.

We are a part of the Telavalue project because of our will to learn about the possibilities of the circulation of textile waste. Our machinery can be useful to the field of circular textile business. We are interested in developing sustainable new products as well as providing expertise in animal fibres to other project group members. Our intention is to try out and also get research done on the scouring of recycled textile fibre by other means than chemical wash.

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Telaketju is an active cooperation network that aims to promote sustainable production, use and circulation of textiles.

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