

**Interreg
Danube Region**



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TEX-DAN



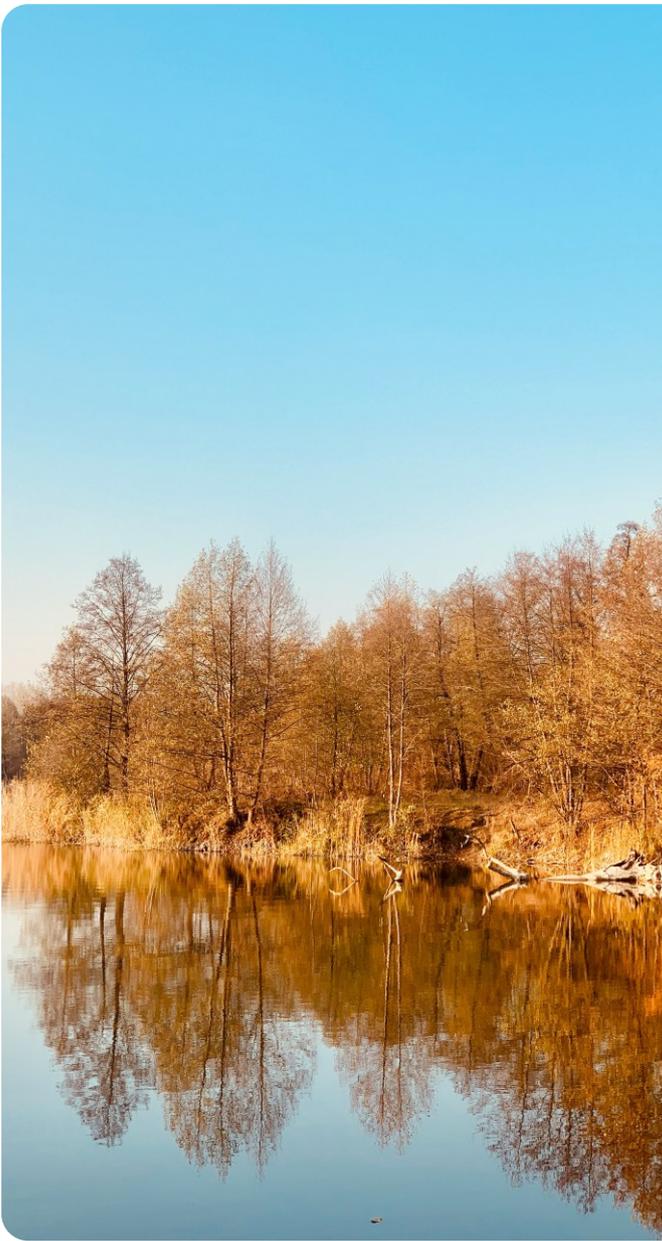
TEX-DAN

collection of best
practices across the
Danube region



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Introduction

The transition to a circular economy in the textile industry is crucial for achieving sustainable development and reducing environmental impacts. As one of the most resource-intensive sectors, the textile industry faces a need to shift from a linear “take–make–dispose” model to a circular one that promotes reuse, recycling, and responsible resource management.

The **TEX-DAN** project brings together **14 partners from 11 countries** across the Danube region with the shared goal of increasing awareness about the importance of circular textile management. The project promotes good practices in innovative business models and new technologies that support circularity and sustainability within the textile and fashion value chains.

This brochure presents **54 best practices** from partner countries. Due to technical requirements, **two examples per country** are described in detail, while the remaining are listed in the appendix. These examples highlight effective strategies for enhancing textile circularity, focusing on **social cooperatives, small enterprises, and startups** dedicated to transforming textile waste into valuable resources.

The collected best practices illustrate a wide range of approaches to circular textile management, including:

- **Collection and repurpose** of textile waste, creating both economic and social benefits in local communities.
- **Design and production** of new products from discarded or bio textiles.
- **Developing innovative technologies** to convert textile waste into raw materials for new products.
- **Technological innovations** using plant-based materials to create leather-like fabrics and bio-based dyes derived from natural pigments.
- **Implementation of the digital platform based on a Software-as-a-Service (SaaS) model** that enables users to exchange textile residues and minimize waste during design and production processes.

These practices represent inspiring and practical examples of how to accelerate the transition toward a **circular textile economy**, ultimately contributing to healthier environments and more resilient, sustainable communities.

All featured **SMEs, designers, artists, and social cooperatives** are open to collaboration and can be contacted using the details provided in this publication.

HUNGARY		SLOVENIA		SERBIA	
AUSTRIA	CROATIA	HUNGARY	SLOVENIA		
CZECH REPUBLIC		SLOVAKIA		BULGARIA	
REPUBLIC OF SRPSKA/ BOSNIA AND HERZEGOVINA		ROMANIA		MOLDOVA	

1. South Transdanubian Regional Innovation Agency – HU
2. Blue Planet Climate Protection Foundation - HU
3. Business Support Centre L.t.d. - SI
4. Center of Excellence for Circular Economy and Climate Change -RS
5. University of Applied Sciences GmbH Salzburg - AT
6. Croatian Agency for SME, Innovation, and Investments - HR
7. MGFÜ Public Benefit Nonprofit Ltd - HU
8. Institute for Sustainable Development - SI
9. South Bohemian Agency for Support to Innovation - CZ
10. National Recycling Agency of Slovakia - SK
11. Regional Agency for Entrepreneurship and Innovations - Varna - BG
12. Development Agency of the Republic of Srpska - BA
13. Reginnova NE Association - RO
14. Technical University of Moldova - MD



Textile Dyeing Company, specialising in natural dyes and materials.



Number of employees: 4 - 10
Production site: Vienna, Austria + 150km



(Natural) coloured yarns with a focus on organic materials such as wool and silk. Dyeing of textiles on demand and in small quantities.

B2B

Dyeing of textiles on demand.
Development of strategies and advising on natural and more sustainable dyeing and materials for companies.
Production of own yarns from natural materials such as wool and silk.
Aim to develop a larger portfolio in organic dyeing materials.



PRODUCTION

Färberei Fritsch is an Austrian company founded by Rudolf Fritsch in 1952 and combines modern technology with decades of experience passed down through the generations. While its main focus used to be on contract dyeing, the company has been producing its own yarns since the early 1980s.

Their products include silk and wool yarns as well as PES filament yarns in various qualities and are immediately available from stock.

Further more, in recent years, Färberei Fritsch has specialised increasingly in natural dyes. Within the process, natural, certified materials such as silk and wool are combined with traditional dyes such as madder root, logwood, woad, indigo, cochineal, logwood and madder. Mordants such as alum, iron and soda are used to fix the dyes and alter their properties. Färberei Fritsch dyes yarns on cross-wound bobbins, as well as in hanks, flocks, and fabrics.

The company produces and dyes all its yarns with in a 150 km radius of its premises and supplies its yarns to companies in Austria, Germany, France, England, Italy and Switzerland.

 **Fritsch Färberei GmbH**

Contact

office@colortex.at
Phone: +43 -1 -615 39 08
www.colortex.at





Making Textiles (jeans) with high durability and little use of resources, all textiles are made from sustainable materials (organic cotton), recycled materials and ethical working conditions.



Number of employees: 4
Production site: Turkey



Jeans

Minimal "basics" (T-shirts, Bags, Accessories made from organic and recycled material).

Upcycling Service (work with Sewing companies that turn old/unsold items into new products).

B2B

Aim to collaborate with local partners to produce smaller, „seasonal" collections from local resources and smaller minimum quantities.

Aim to try new innovations with smaller producers. Jeans and minimal „basic" pieces made from sustainable and organic materials.

Upcycled Products made from unsold products and old textiles. Aim to produce smaller, seasonal collections with local producers.



DESIGN

Torland was founded in 2017 in Vienna. From it's beginning, it's mission was minimalist, timeless and sustainable design with a focus on jeans and basics made from organic, recycled, and upcycled materials. Their mission is to combine stylish, durable designs with ethical, environmentally friendly production methods.

The core challenge Torland addresses is reducing the environmental and social harm of the global denim and textile industries. By using **100% organic cotton** and **recycled materials** they count on longevity of their products. The jeans are all designed by the founder Sascha Huembli and are produced in Turkey.

Torland integrates upcycling as a fundamental practice into their business. By collecting old jeans and upcycling them into new products, they reduce textile waste, increase longevity and actively work towards a more circular system. All jeans that can not be upcycled are recycled into new material, for example new cotton yarns.

Torland offers a variety of fits (slim fit, regular fit, straight fit), both for women and men, as well as unisex styles. In addition to jeans, their product catalogue includes basics like T-shirts, hoodies, shorts, accessories (bags, etc.) made from organic or recycled fabric.

TORLAND®

Contact

Contact person:
Sascha Huembli
sascha@torland.eu
www.torland-jeans.com





Production of textiles from plant-based materials and recycled waste from the food industry.



Number of employees: 2

Production site: Bijeljina, Republic of Srpska/Bosnia and Herzegovina



Dresses, Jackets & Coats,
Shirts, Skirts, Top, Trousers.

Small-batch manufacturing (50–200 pcs) with fair trade / fair labor certificates (preferably in Portugal or other EU countries).

B2B

Suppliers of innovative fabrics.

Support for entering the EU market via sustainable e-commerce platforms (e.g. Wolf & Badger, Rêve En Vert).



DESIGN

Magbago, based in Bijeljina, is the only company in the Republic of Srpska/Bosnia and Herzegovina engaged in clothing production using plant-based materials and waste from the food industry.

The latest collection has been made from innovative fabrics derived from orange peel, banana, lotus, milk, and hemp fibres. In this way, the company offers not only aesthetically appealing and functional clothing but also promotes sustainability and environmental awareness by using eco-friendly materials.

The business model is based on reducing production waste, with all manufacturing processes aligned with the principles of the circular economy. Plastic has been completely eliminated from production, and buttons are made from eggshells.

Magbago contributes to the circular economy in several key ways. They use sustainable fabrics made from plant and food waste. These materials reduce the need for traditional, resource-intensive textiles and give new life to discarded products. Secondly, their capsule collections allow customers to make the most of every garment, reducing the need for frequent purchases and helping to minimize waste.

Magbago has won numerous awards in recent years for the innovation and quality of its products.

Magbago stands as a pioneering example of sustainable fashion in Bosnia and Herzegovina, merging creativity with environmental responsibility. With growing recognition for its innovation and quality, Magbago is well-positioned to expand into EU markets and further promote circular economy values across the fashion industry.



Contact

Contact person:
Tamara Teodorović
contact@magbago.com
Phone: +38766324974
www.magbago.com





Veteks specializes in producing textiles almost entirely from recycled materials.



Number of employees: 52

Production site: Laktaši, Republic of Srpska/Bosnia and Herzegovina



Polyester wadding, Silicone ball, Geotextile, Felt.

B2B

The goal is to connect with other companies to agree on cooperation regarding the export of finished products.



DESIGN

The company Veteks specializes in the collection and processing of textile waste throughout the Republic of Srpska and Bosnia and Herzegovina, and it is the only company in BiH engaged in both collection and recycling of textile waste.

From recycled materials, Veteks produces a wide range of products, among which felt, polyester wadding, silicone balls, and geotextiles stand out. Almost 90% of its production is based on recycled textile waste, collected from various suppliers across the country, while a smaller portion originates from its own production process. In addition to textiles, the company also recycles PET packaging, which is incorporated into new production processes.

In its operations, Veteks fully applies the principles of the circular economy – all waste generated during production is reprocessed and reused in future cycles, ensuring that almost no waste harmful to the environment is produced. The sustainability of operations is further supported by the company's own solar panels, which provide renewable energy for the entire production process.

The company transitioned to a circular economy back in 2010, when the first recycling machines were purchased.

Since then, Veteks has continuously expanded its capacities and introduced new practices of green and sustainable production. Its long-term strategy includes further investments in the circular economy, as well as the acquisition of new, modern equipment.

Veteks specializes in producing textiles almost entirely from recycled materials.

Nearly 90% of their production relies on recycled textile waste.

Veteks produces almost no waste that harms the environment; instead, all waste is reprocessed and reused in new production.

Veteks

Contact

veteks@blic.net
Phone: +387 51 584-930
www.veteks.net





Designing and producing high-quality knitwear and ready-to-wear garments for premium European and U.S. brands, combining in-house design, certified sustainable manufacturing, and flexible, energy-efficient production.



Number of employees: 95
Production site: Lovech, Bulgaria



Flat knitwear production (sweaters, cardigans, accessories) and ready-to-wear garment manufacturing (T-shirts, blouses, blazers, pyjamas).

Reliable long-term, offering innovative knitwear solutions.

B2B

R&D for zero-waste product development, and certified, flexible manufacturing for fashion brands and retailers.



PRODUCTION

Kris Fashion Industries Inc. is a family-owned knitwear and garment manufacturer based in Lovech, Bulgaria. Established in 1993 and reorganized in 2011, the company combines over 30 years of expertise with modern design and production capabilities. With its headquarters and factory located just two hours from Sofia Airport, Kris Fashion Industries supplies premium and mid-segment fashion brands across Europe and the USA.

The company offers both small-series and large-volume production, ensuring flexibility for its clients. Its product range includes high-quality knitwear such as sweaters, cardigans, and accessories, alongside ready-to-wear garments like T-shirts, blouses, blazers, and pajamas. The company is specialized in manufacturing products from fine natural materials including merino wool, cotton, and silk and works in compliance with internationally recognized certifications (OEKO-TEX, ISO, RINA, BSI).

Sustainability and innovation are at the heart of Kris Fashion Industries. The solar-powered factory, equipped with heat pumps, energy-efficient lighting, and a state-of-the-art knitwear production line, combines advanced digitalized processes with circular economy principles: reducing waste, saving raw materials, and ensuring sustainable, high-quality textile manufacturing.

Manufacturer of knitwear and ready-to-wear garments with in-house design department.

Flexible capacity for both small series and large-volume production. Expertise in fine natural materials.

Aim: to co-develop innovative products and enter new textile segments.



Contact

Contact person:
Radina Bankova
r.bankova@kris-fashion.com
Phone: +359 888 528424
www.krisfashion-industries.com





Niya Fashion Ltd. offers in-house textile production and direct distribution, providing stylish, durable, and comfortable products for homes, institutions, and cultural organizations.



Number of employees: 12

SME, Own production facilities, Dolni Dubnik, Bulgaria



Bed linen, pillows, towels, bathrobes, stage costumes, school uniforms, and decorative home textiles.

B2B

Seeking partners in sustainable fabrics, digital and green technologies, for distribution in European markets, and R&D collaborations for circular economy solutions.



PRODUCTION

Niya Fashion Ltd., established in 2018 in Dolni Dabnik, Bulgaria, specializes in the production and distribution of textile products. Its portfolio includes bed linen, pillows, towels, bathrobes, uniforms, stage costumes, and decorative home textiles. With its own production facilities and modern equipment, the company offers textile solutions that combine functionality, quality, and comfort for households, institutions, and cultural organizations.

The company places strong emphasis on innovation and sustainability. Through the TEX-DAN "Vouchers for the transition to a circular economy" initiative, Niya Fashion reduced textile waste and improved efficiency by up to 30%, integrated digital technologies into its processes, developed a line of sustainable products, and strengthened its market position with an environmentally responsible approach.

Guided by circular economy principles, Niya Fashion reuses fabric leftovers for smaller items, adopts OEKO-TEX® certified and natural fabrics, and explores textile recycling to return materials into production. By relying on local supply chains, the company reduces transport-related emissions while supporting the regional economy, ensuring its long-term competitiveness and sustainable development.

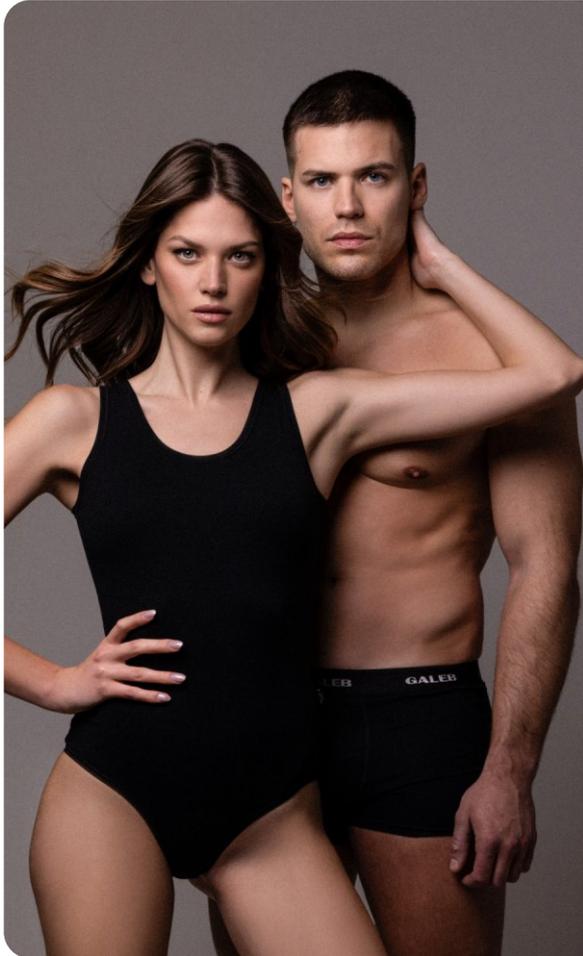
Textile producer offering a wide range of products for households, institutions, and cultural organizations, with a focus on quality, functionality, and sustainable development. Aim: to strengthen its market position, increase efficiency, and adapt to the modern requirements of the textile industry by investing in innovation, digitalization, and sustainable practices.



Contact

Contact person:
Veselka Ivanova
niyafashion09@gmail.com
Phone: +359 878 803 113





Knitwear production – Vertically integrated (from yarn to finished product), including knitting, dyeing, finishing, cutting, and sewing - all carried out within the company's own facilities.

Business model: Dual-B2C (45 retail stores) & B2B
Focus: Developing new product lines in cooperation with partners, based on existing equipment and a fully integrated production process.



Number of employees: 314 + 60 external cooperants

Production & R&D Sites: Omiš, Croatia



Sleepwear, Daily & functional underwear, Outerwear, Military & police clothing (functional underwear, polo shirts, combat shirts).

B2B

Armed forces, police, firefighters, and institutional customers in Croatia and abroad (including NATO).



PRODUCTION



BIO-TEXTILE

Galeb PLC. is founded in 1951 and it is the largest vertically integrated textile producer of high-quality underwear and sleepwear. The company is well known for producing underwear without side seams, providing exceptional comfort. To achieve this, Galeb PLC. uses machines with different diameters for each knit, ensuring a unique fit and superior product quality. Exclusive part of Galeb's offer is functional underwear, intended for those exposed to extreme conditions such as high or low temperatures and intense physical activity. By combining natural and synthetic fibers, these products ensure superior protection and comfort with features such as thermoregulation, flame and heat resistance, chemical protection, moisture management, odor prevention, and antibacterial properties.

Despite strong competition from imported products, the company has preserved and continuously upgraded its production and distribution system through its own retail and wholesale network in Croatia, Slovenia, and Bosnia and Herzegovina. The company's mission is to create clothing in harmony with people and nature, while continuously following Industry 4.0 and smart textiles trends, ensuring quality, sustainability, and safety.

Galeb PLC. cooperates with numerous partners including retailers, wholesalers, institutional clients such as armed forces, police, firefighters, and civil protection in Croatia and worldwide, including NATO. Galeb PLC. is strongly committed to sustainability and environmental protection and invests in green technologies, promotes zero-waste

models, and educates stakeholders about their importance. Their focus is on natural and healthy materials (cellulose fibers and cotton), high-quality workmanship, durability, and comfort. To enhance energy efficiency, Galeb PLC. has installed two solar power plants at the Omiš production site, covering 60% of electricity needs and significantly reducing CO₂ emissions. **Also, they held certificates:**

ISO 9001, ISO 14001, ISO 45001, ISO 50001; AQAP 2110 (Design, Development, Production – NATO standard); OEKO-TEX; CROATIAN QUALITY



Contact

Contact person:
Josip Aračić, Board Member
josip.aracic@galeb.hr
webshop@galeb.hr
Phone: +385 98 352 971
www.galeb.hr





Material innovation, transforming brewing and distilling byproducts into next-generation plant-based leather alternatives to replace polyurethane PU.



Number of employees: 2-10
Production & R&D Sites: Zagreb, Croatia



Main Products:

Beer Skin™ – material made from spent grain from beer brewing.

Gin Skin™ – material made from spent grain and botanical waste from gin distillation.

B2B

Seeking investors, companies and brands interested in bio-based options that match PU's durability, flexibility, and aesthetics.



PRODUCTION

Biotech Materials was founded in 2021 with an idea for r&d of plant-based leather and innovation in the textile industry. The challenge was to discover, test and implement waste from local industries into the formulation for synthetic leather in order to replace part of the polyurethane in the material, rendering it more sustainable. Sabant ended up using barley malt, a leftover from beer brewing industry and utilizing the cellulose fibres as a filler to reduce the negative impact of fossil fuels in the textile and fashion industry.

Brewery waste is collected from a brewery in Zagreb, and dehydrated locally by a small family business in the countryside. It is then shipped to Italy to be milled and integrated into the company's patented plant-based leather formulation. The chosen factory reaches their sustainability objectives by reusing 98% of the water via a closed loop system and the vicinity of the entire production chain minimizes the CO2 footprint of the finished material.

The company was founded by Tamara Vucetic, a textile engineer and entrepreneur. The company was later joined by Andrej Maric, a veterinarian with a background in sales and marketing.

The company's investors (a VC and an angel investor) entered the company structure in pre-seed and seed rounds and the company will be raising further funding in upcoming years.

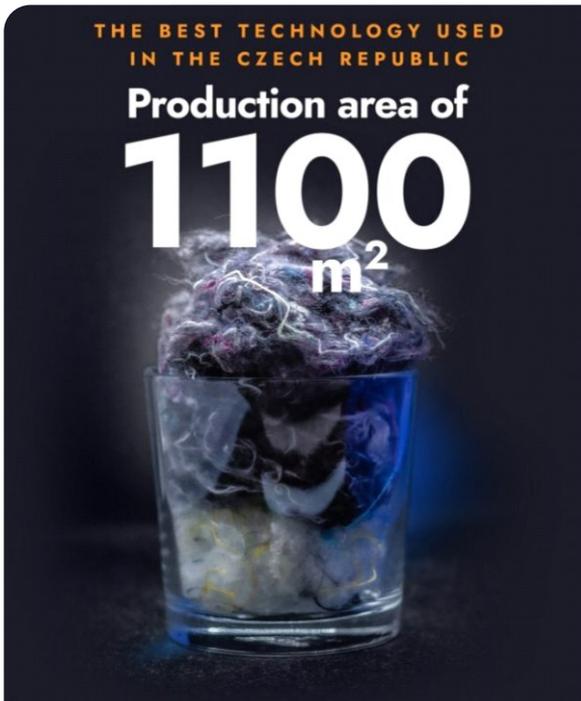
Evidence of success can be seen by a successful patent-pending application for multiple plant-based leather materials, 3 rounds of investment and real-world collaborations with designers using the leather as well as dozens of influential publications covering the launch within the first few months of market penetration. Evidence is also apparent in team expansion and collaborations with Universities in Croatia and abroad.

SABANT

Contact

Contact person:
Tamara Vučetić
tamara@sabant.com
Phone: +385 951985618
www.sabant.com





Recycling of textile waste into secondary raw materials using advanced LAROCHE shredding technology. Licensed facility operating within circular economy principles.



Number of employees: 20-24
Modern six-section LAROCHE line for mechanical recycling. ISO 9001:2015 certification and official waste management license.



Recycled fiber (shoddy) for nonwovens, insulation and decorative applications used in automotive and construction industries.

B2B

Cooperates with textile manufacturers and recycling partners. Operates ARCA HELP workshop employing pre-processing of textiles (buttons, zippers removal).



RECYCLING

ARCA Chrast s.r.o. is a Czech manufacturing and recycling company focused on transforming textile waste into secondary raw materials. Using its 6-section LAROCHE shredding line—one of the most advanced in the Czech Republic—the company converts unwanted textiles into textile shoddy (fiber fill or shreds) for use in nonwoven textiles, decorative elements, and insulation materials for the construction and automotive industries. ARCA Chrast is fully licensed for textile waste management and operates the “ARCA HELP” workshop, which prepares textiles for recycling by removing buttons, zippers, and other components.

B2B

Production of textile shoddy / recycled fiber fill for nonwoven and composite materials.
Focus on sustainable materials used in automotive, construction, insulation, and interior applications.
Headquarters / Facility: Nové Hradky, Czech Republic.
Certified under ISO 9001:2015 (quality management).
Licensed for textile waste management.

PRODUCTION – RECYCLING

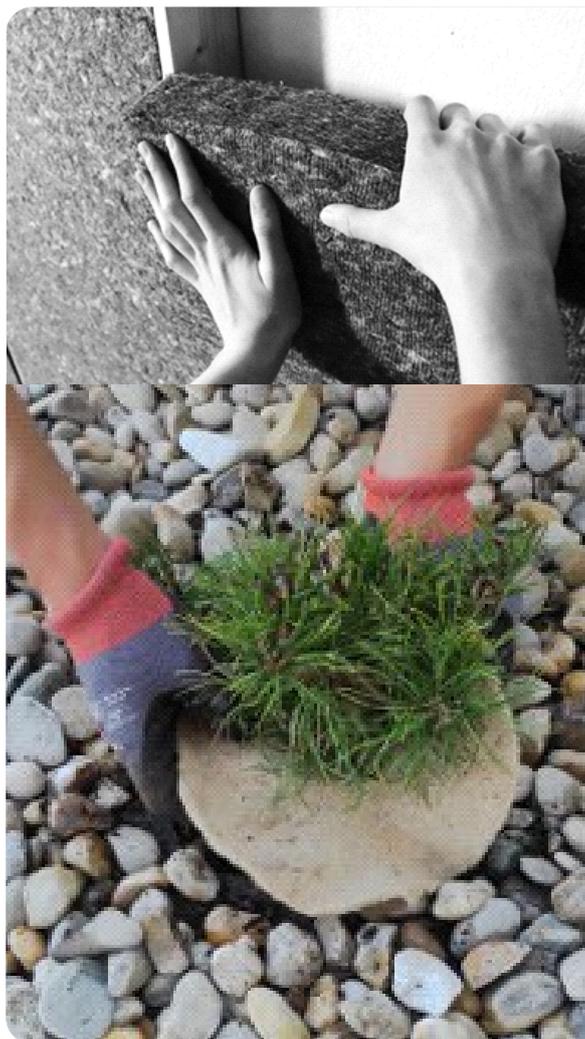
ARCA Chrast applies circular economy principles throughout its operations. Textile waste is collected, processed through the LAROCHE shredding line, and supplied as recycled fiber to industrial partners—reducing the carbon footprint by saving raw materials, energy, and preventing textile incineration or landfilling.



Contact

Contact person:
Kateřina Zvejška
zvejaska@arca-chrast.cz
Phone: +00420-601-222-004
www.arca-chrast.cz





Production of technical nonwovens and recycled fiber-based materials.
Focus on circular economy and sustainable innovation.



Number of employees: 218
Modern production lines (needle punching, airlay, impregnation, lamination).



Thermal and acoustic insulation, geotextiles, and technical nonwovens.
Applications in automotive, construction, and furniture industries.

B2B

Partnerships with universities and R&D institutions.
Continuous innovation and development of sustainable materials.



RECYCLING

Founded in 1950, RETEX a.s. is a Czech manufacturer of technical nonwovens and recycled fiber-based materials. The company combines long-standing expertise with innovation, quality, and environmental responsibility. Its products serve automotive, construction, furniture, footwear, and home appliance sectors, where durability and performance are essential.

RETEX increases the use of recycled fibers, reduces waste, and invests in energy-efficient technologies to support sustainable manufacturing.

B2B

Development and production of technical nonwovens using needle punching, airlay, impregnation, and lamination. Focus on recycled materials for insulation, geotextiles, and other industrial applications.

Headquarters: Moravský Krumlov, Czech Republic.

Certifications: ISO 9001, ISO 14001, IATF 16949, ISO 45001, ISO 50001, OEKO-TEX® Standard 100, IRIS (ISO/TS 22163).

PRODUCTION – RECYCLING

RETEX combines decades of manufacturing experience with modern technology to create durable, efficient, and eco-friendly nonwovens.

Collaboration with research partners drives continuous innovation and sustainable textile solutions across Europe.



Contact

Contact person:
Robert Šimek
simek@retex.cz
Phone: +00420-601-160-442
www.retex.cz



Touch Me Not Clothing



Touch Me Not produces organic cotton clothing and offers repair services for long-term use and better degradability.



Number of employees: 2

For 7 years from foundation: two people managed the whole business, now they are assisted by a partner seamstress.



Fashion products with a clear and transparent organic origin:
Men's and women's wear including sweatshirts, shirts, tops and t-shirts, skirts.

B2B

Textile retailers and manufacturers (e.g. Lebenskleidung in Germany).



BIO-TEXTILE

Touch Me Not Clothing was founded in 2015. Their focus is organic cotton clothing. According to their mission they aim at clean, fair, and transparent fashion production. Their materials are Global Organic Textile Standard (GOTS) certified.

At Touch Me Not Clothing, they strive for quality, conscious and sustainable production, with legal and transparent processes. Particular attention is paid to the following areas: local and fair production, EU-made fabrics, sustainable accessories, less transportation, less carbon emission, minimal paper packaging, transparency, repairs, no overproduction, selective waste collection.

Their ReTouch programme covers recycled, upcycled or preloved goods in their studio. In this studio one finds brand new or preloved, perfect condition sample pieces and some repaired pieces from previous collections.

In seven years Touch Me Not produced roughly 5,000 products. All of the garments are made of GOTS certified fabrics. The brand builds products for a long service life. Clothes are repairable.

Touch Me Not is aiming at extending the life of products and minimising waste.



Contact



info@touchmenotclothing.com
www.touchmenotclothing.com





Producing horse track additive from textile waste: mixture of 100% synthetic staple non-woven fabric and shredded synthetic staple fibres.



Number of employees: 6

Turnover: EUR 425 000 (HUF 170 million)



Horserace course additive.

B2B

Specific market niche: Horse riding tracks and stables (riding arena additives and absorbents).

By-products and waste from textile companies.



RECYCLING

The plant was established in 1973 by the Temaforg Company's factory in Mohács. In 1990 the plant became an independent company under the name TESA Ltd. Since 2009 the company has been active in the production of horserace track additives.

The production of fibres, spinning, threading, tailoring, non-woven textiles and industrial activities generate a lot of textile waste. Collecting and recycling textile waste (for almost 40 years now) gives an opportunity for circularity in textile industry. The company recycles textile waste from fibre production, spinning, threading, tailoring, non-woven textile manufacturing and other industrial activities, as well as knitted sweaters from second-hand clothing sorting plants.

TESA Ltd. came up with the idea to use the right mixture of 100% synthetic staple non-woven fabric and shredded synthetic staple fibres from the output of the recycling process for the production of horserace track additives, which excels competitors' solutions. The technology is fully transferable with limitations in market entry (machinery) and sourcing opportunities.

Output product used in around 400 horserace courses in Hungary and neighboring countries by 2022.

Horserace course additive provides a number of beneficial effects when mixed into the sand of the treading surface layer: absorbs large amounts of water, preventing puddles and mud stains; allows almost immediate use after rainfall; creates flexible, uniform, well-structured soil; reduces need for watering and prevents dust formation; minimizes deep hoof prints and reduces maintenance needs and extends usability in spring and autumn.



Contact

tesa@textilhulladek.hu
www.textilhulladek.hu/en





The project integrates QR or NFC tags into Julia Allert garments, linking each item to an interactive digital platform with a product passport, story, and styling tips. It enhances customer engagement and transparency while preparing the brand for EU Digital Product Passport regulations.



Number of employees: 24

Technology resources: QR/NFC tagging system, connected microsite platform, Content creation resources: designer videos, mood boards, styling tips, and storytelling copy.

Human resources: design, IT development, and content teams



The product is a fusion of physical label and digital experience. It allows each Julia Allert item to tell its own story, display transparency about materials and creation, and provide styling inspiration.

B2B

The project creates opportunities for collaboration with technology providers (e.g., EON, Circuly, or similar DPP-ready systems), content creators, and potentially retail or resale partners.



DESIGN

Julia Allert is an independent European designer brand founded in Moldova in 2005, known for its bold creativity, strong silhouettes, and refined tailoring. Their aesthetic blends architectural structure with expressive details—geometric shapes, contrast trims, uncommon textures—to create pieces that balance power and femininity.

The brand emphasizes ethical and sustainable practices: high-quality materials sourced mainly in Europe, fair working conditions, and designs meant to outlive seasonal trends.

Julia Allert operates with a direct-to-consumer model online and through select boutique stockists internationally, serving a global audience who value originality, confidence, and timeless elegance.

JULIA ALLERT

Contact

juliaallertmarketing@gmail.com
www.juliaallert.com





The brand operates through an e-commerce platform, offering collections directly to consumers and enriched by digital storytelling features. Its hybrid model combines D2C sales with select boutique partnerships, integrating future innovations like smart tags and virtual try-ons for differentiation.



Number of employees: 21

Production assets: relationships with manufacturers, fabric & materials suppliers.
Digital infrastructure: website, content management, sales backend.
Human capital: design team, operations, marketing, technical/web staff.



The products are designed with a clear aesthetic identity, quality craftsmanship, and presumably limited or curated production to maintain uniqueness.

B2B

Potential B2B collaborations include working with retail boutiques / concept stores to stock the brand, partnering with fashion platforms, curators, or stylists for capsule collections or exposure.



PRODUCTION

Temelia presents itself as a thoughtful and modern label where heritage meets contemporary vision. The brand is rooted in expression and identity, weaving together timeless craftsmanship and meaningful narratives. Whether through carefully chosen materials, subtle detailing, or a distinctive design language, Temelia seems to invite wearers to carry more than clothes—they carry intention, memory, and a sense of self.

TEMELIA is a forward-thinking manufacturing company specializing in high-quality garment production for B2B clients. With a strong foundation in craftsmanship and innovation, we offer a comprehensive range of services:

- 1) Contract manufacturing for fashion brands;
- 2) Research and Development for prototyping and collection creation;
- 3) Tailored uniform production for industries such as hospitality, medical, and beauty.

Committed to sustainability, TEMELIA actively minimizes textile waste by repurposing leftover materials into innovative products, such as LITTLES - our eco-friendly interior furniture line for children.

Our dedication to quality, flexibility, and environmental responsibility positions us as a trusted partner for businesses seeking reliable and ethical garment production solutions.



Contact

info@temelia.md
www.temelia.md





Pioneering SME offering custom services in collaborative design, product development, and high-end bespoke garment manufacturing. Leveraging digital and 3D technologies to drive innovation and set new standards in sustainable fashion.



Number of employees: 58
Production site: Romania



Garments, 3D prototyping, Innovative software solutions for digital design and sustainable production.

B2B

Aim to build collaborations with designers, existing clients, and potential clients to develop new products and offer customized manufacturing solutions.



DESIGN



PRODUCTION

Katty Fashion was founded in 2003 in Iași, Romania. From the beginning, the company has focused on offering customized, agile, and sustainable garment manufacturing services. Its mission is to transform ideas into reality through close collaboration, digital design, 3D prototyping, and smart made-to-order production.

The company addresses the challenge of combining flexible, small-batch production with sustainable practices. By reducing physical samples, digitalizing product development, and recycling textile waste, Katty Fashion actively works to minimize its environmental impact and promote circular solutions in the fashion industry.

Katty Fashion provides full-service solutions from concept to finished product, including CAD design, prototyping, sourcing, technical development, quality control, and short-series production. The company collaborates with over 50 European brands, offering flexibility, quality, and transparency throughout the production process.

Through participation in European innovation projects such as R3GROUP, RegioGreenTex, and AI REDGIO 5.0, Katty Fashion aims to evolve into a fully circular and digital manufacturing model.

Ethical working conditions, sustainability, and community engagement are key pillars of the company's philosophy.

To revolutionize fashion manufacturing through sustainable, digital, and collaborative processes. To provide high-quality, zero-waste garments using 3D technologies, digital twins, and AI-driven production for international brands.



Contact

Contact person:
Caterina Ailiesei
katty.ailiesei@katty-fashion.ro
Phone: +40742126855
www.katty-fashion.com





REDU uses a circular, collaborative model to upcycle textile waste into unique products, combining B2B partnerships with workshops, factories, designers, retailers, and community education.



Number of employees: 1
Production site: Romania



Upcycled garments and accessories from post-industrial and post-consumer textile waste. Community workshops on repair, upcycling, and sustainability education.

B2B

Factories and local workshops producing upcycled products.
Fabric resellers and retailers distributing upcycled items.
Governance bodies supporting projects and funding.



RECYCLING



DESIGN



PRODUCTION

REDU is a social enterprise founded in 2015 in Iași, Romania, by the NGO Mai Bine. Its mission is to reduce textile waste through reuse, upcycling, and education. What started as a local initiative with collection boxes and a small concept store has grown into a sustainable business model that combines social impact with circular fashion.

REDU operates through a circular, collaborative system, bringing together textile waste collectors, designers, workshops, factories, and local communities. By transforming post-consumer and post-industrial waste into new garments, accessories, and home products, REDU gives discarded textiles a second life while raising public awareness on sustainable consumption.

Over the years, REDU has collected and upcycled tons of textile waste, creating thousands of unique products and extending the life cycle of many more. The organization also focuses on innovation, for example by developing tools that help factories reduce fabric offcuts, and by participating in European projects such as HEREWEAR, TCBL, and RegioGreenTex.

Its network includes local workshops, designers, fabric resellers, and retailers distributing upcycled items. With support from regional authorities and EU programs, REDU continues to expand its impact, proving that sustainability, creativity, and community engagement can reshape the textile industry.

To transform textile waste into valuable, sustainable products while promoting circularity and community engagement.

To upcycle pre- and post-consumer textile waste into unique garments and accessories, combining innovation, design, and education.



Contact

Contact person:
Elvys Sandu
contact@redu.org.ro
Phone: +40 (758) 976-408
www.redu.org.ro





Main focus: Lightweight membrane structures - design & build.

Number of employees: 21



Locations: Design - Voždovac; Construction - Dobanovci. Its own production plant equipped with state-of-the-art technology and the new business facility. Continuous import of high-quality materials and a well-stocked warehouse.



The company focuses on manufacturing specialized, fabricated structures. Confectioned membrane structures. Production is fully customized to the specific needs of each project, meaning every final piece is essentially made-to-order.

B2B

Collaboration with other companies and investors who require specialized engineering services and high-quality membrane structures for their specific construction or design projects.



PRODUCTION

ArTech Inženjering specializes in Textile Architecture, creating structures that merge aesthetics and functionality through pre-stressed membrane structures. This technology relies on technical textiles in combination with steel or wood, enabling large spans with a minimal number of support elements. The process includes detailed custom design, static analysis, and 3D modeling, all backed by an expert team with twenty years of experience and globally executed projects.

The company offers a wide range of products for households, institutions, and cultural organizations, with a focus on quality, functionality, and sustainable development.

The aim is to strengthen its market position, increase efficiency, and adapt to the modern requirements of the textile industry by investing in innovation, digitalization, and sustainable practices.

In addition to its primary work, ArTech actively promotes the circular economy through the innovative material ReTex. It is created by recycling construction textiles (scraps from membrane production) and serves as a new, environmentally friendly insulation and decorative material for floors and facades.

The key advantages of membrane structures and ReTex are fast production and assembly, lower costs, and exceptional creative freedom, making them an ideal solution for a wide range of applications, including sports, public, and industrial facilities.



Contact

Contact person:
Aleksandar Vučur
a.vucur@artech.rs
Phone: +381 114501810
www.artech.rs





Utilizes only natural fibres and pigments; promotes durability ("Buy less, choose better"). The model is based on handicraft and exclusivity, preserving tradition and empowering women from hard-to-employ categories.



Number of employees: 3

Regional and international (collaborations in Europe and a global ambassadorship role for the founder). Holder of the official Old Crafts Certificate. Qualified craftswomen and an acclaimed founder/mentor (Marija Ivanković J.)



Clothing (sweaters, coats, jackets), accessories (scarves, hats), and home textiles. A blend of traditional Serbian folklore motifs with classic, timeless cuts.

Partnerships with foreign boutiques and distributors for market expansion.

B2B

The founder actively works as a mentor to new entrepreneurs (knowledge transfer). Active participation in women's entrepreneurship programs and networks.



BIO-TEXTILE

Be ORIGINAL! AUTHENTIC! SINCERE! CONSCIOUS! RELIABLE! Be traditional, but not old-fashioned; proud, but not arrogant; caring, but not intrusive. Be an MHM LADY!

Marija Handmade is a brand that passionately cultivates authenticity, tradition, and sustainable fashion. As the holder of the Old Crafts Certificate, our business is founded on preserving invaluable textile techniques and supporting female and social entrepreneurship, all while adhering to natural principles.

The core mission of Marija Handmade is to blend Serbian tradition with modern sustainable fashion and social responsibility. The brand preserves national handicrafts, evidenced by its Old Crafts Certificate, and upholds strict ecological standards by using only natural fibres and pigments. Driven by the philosophy to "buy less, choose better," the enterprise actively empowers women through employment and training, creating unique, high-quality textiles that are both comfortable and long-lasting.

Founder and textile designer Marija stylizes Serbian folklore motifs on classic constructions, using exclusively natural fibres—wool, silk, linen—often hand-dyed with natural pigments.

The mission is to offer unique pieces created not to cover, but to blend with body, providing materials in which the skin can breathe. Through every piece, the Marija Handmade embeds the global recognition received for its commitment to women's entrepreneurship. Remember forever: Buy less, but choose better so it lasts longer!



Contact

Contact person:

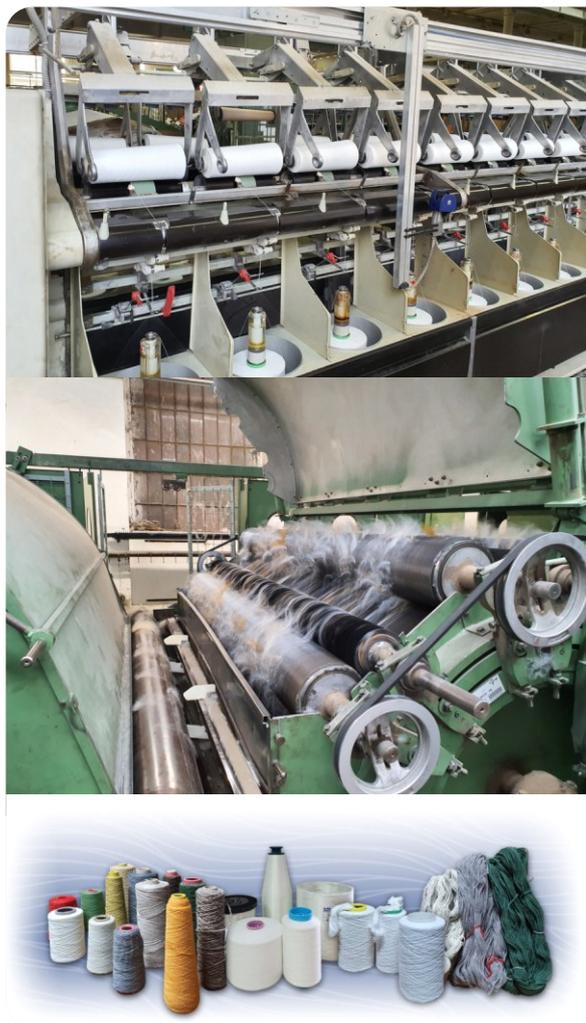
Marija Ivanković Jurišić

marijaivankovic.handmade@gmail.com

Phone: +381 60 09 60 240

www.marijahandmade.com





Supplier of wool and blended industrial yarns made from natural and recycled synthetic fibers, which actively and flexibly responds to the trend of returning to natural fibers and using regenerated fibers



Number of employees: 25
Production & R&D Sites: Čadca, Slovakia



Production of combed and semi-combed yarn Dref 3, Oe
Manufacture of hand knitting yarn and combed.

B2B

Open for new market B2B cooperation in way of using available technological and experienced human capacities, plus looking for knowledge and investing partners for to proceed in ATRIA IT, Ltd.' own innovative ideas at current stage of TRL 1-3 (hemp, linen).



BIO-TEXTILE



PRODUCTION

Regional Textile Factor - the Resilience Success Story.

The company prides itself on using the most modern technologies and equipment in production, which allow it to produce high-quality and innovative products. Thanks to regular investments in the development and modernization of technologies, the company is able to offer its customers the highest standards in the field of yarn. The high level of technology ensures not only the quality of products, but also production efficiency and environmental friendliness.

In 1903, the factory in Čadca, called the First Hungarian Cloth Factory, was closed down after two decades and for two decades. In May 1946, machines from textile factory in Krnov (CZ) ment restoration of the Čadca Textile Factory - state-owned enterprise. Initially, it employed approximately 600 people, the number of employees increased significantly to more than 2,000 workers. After 1989 due to the new economic system the company ran into serious problems. In 1991, the factory was privatized and in 1999 closed down.

ATRIA IT s.r.o. was founded on May 13, 2011, building on the rich history of the textile industry in the Kysuce region. This tradition is not just a thing of the past, but still offers great potential for further development.

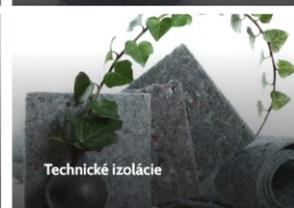
Aramid, Modacryl, Polyacrylonitrile (PAN), Polyamide (PA 6), Polyester (PES, PET), Polypropylene (PP), Viscose, Wool.



Contact

Contact person:
Igor Kameníšťák
ikamenistak@atriait.sk
Phone: +00421-915-807-111
www.atriait.sk





The biggest processor of textile waste in Slovakia, recycling approx. 3,500 tons annually and supplies recycled textile fibers with on-demand characteristics for automotive, furniture, construction industries.



Number of employees: around 20
Production & R&D Sites: Senica, Slovakia



Green transition solutions for : water retention, acoustic insulation, thermal insulation, technical insulation, walk-through insulation, blown insulation, recycled fibers – all on demand/order specification.

B2B

Extended Producers Responsibility Scheme. Promoter: The elimination of inefficient transport of textile waste across Europe can only be achieved through the coordinated implementation of an EPR scheme across Europe, which will increase demand for new products from textile waste.



RECYCLING

We are ecological, We give textiles a second life, We deliver throughout Europe, We are the largest in the Slovak Republic.

Textile recycling is our mission and passion. We hear about responsibility, sustainable management and product recycling from all sides. However, most of the time, people only talk about plastics or paper, and textiles remain in the background. However, there is more and more textile waste and it is overwhelming our planet just like any other waste. Therefore, we consider it our task not only to process textiles, but also to educate society in this regard.

"We believe that a pan-European, collaborative introduction of EPR scheme for textiles, a general use of green public procurement that will prioritize new products from „waste“ is the only solution for an adequate response to the pan-European crisis from the extensive import of fast fashion - At a time when the implementation of mandatory collection and sorting of textile waste is starting from 2025, it is extremely important that the voice of entrepreneurs in the sector is clearly heard," - Miroslav Futrikanič, President of the Association of Textile Manufacturers and Recyclers (AVYRET).

Water retention, Acoustic Insulation, Thermal Insulation, Technical Insulation, Walk-Through Insulation, Blown Insulation, Recycled Fibers and other products



Contact

Contact person:
Miroslav Futrikanič
futrikanic.m@sk-tex.com
Phone: +00421-948-426-489
www.sk-tex.com





Walk the Talk shoes are made entirely by the principles of the circular economy. Discarded denim material is used for the outer surfaces, lining and inner soles of the shoes. The soles consist of the maximum amount of recycled rubber. Remnants of the soles are reused by grinding them into the base rubber. Shoe packaging, such as cardboard boxes, is collected and reused. Customers can return shoes for repair to extend their life.



Number of employees: 1
Production & R&D Sites: Postojna, Slovenia



Walk the talk shoes, Voting wallet, Knitted bag, Kokedama / Mahbunka Letter folder and Letter case.

B2B

If you want to give away your old jeans, you can bring them to various collection points or at public events in Slovenia or you can even send them by post. Check out: <https://destilator.si/en/use-my-throwaways>



RECYCLING



DESIGN

Destilator is a non-profit organisation that promotes sustainable ways of living, working and producing. The organisation was founded by Maja Modrijan, project manager and responsible for the sustainable design of Destilator. She loves researching, testing and inventing to find better, sustainable and ethical solutions and products for our daily needs. And she loves getting dirty in the process. Some projects are done in collaboration with various companies, organisations and individuals with whom we share our principles, character traits and/or sense of humour. For Walk the Talk Shoes, she approached a family-run shoemaker in Slovenia with a prototype that she had previously made for herself. To launch the product on the market in larger quantities, she needed a company that already had an established shoe production. And she found one! As well as a company who develop a blend of vulcanised synthetic rubber with a recycled content for the shoe sole. She wanted the sole to be made locally and as sustainably as possible. Together with a Slovenian shoemaker they have decided that according to tests, the highest percentage that still allows for good quality, durability and flexibility of the rubber, is 20 percent. In recent years, she also offered her customers the opportunity to choose the characteristics of their shoes.

This means that they choose the size, colour and model they want (there are four models). They can also order the shoes with sentimental value - from their own old trousers or other suitable used textiles from their personal closet.



Contact

Contact person:
 Maja Modrijan
info@destilator.si
www.destilator.si
 LinkedIn:
[maja-modrijan-destilator](https://www.linkedin.com/company/maja-modrijan-destilator)





KNOF is a Slovenian social enterprise shaping a more sustainable future through reuse, upcycling and circular innovation. They work across the whole cycle: from collection, second-hand use, upcycling garments to recycling textile waste into acoustic insulation panels.



Number of employees: 2 - 20
Production & R&D Sites: Krško, Slovenia



KNOFcycle to collect, select and reuse of garments:
<https://collection.knof.si/trgovina/izdelki-iz-recikliranih-materialov/knofcycle/>

Redesigned Vintage collection for redesigning and upcycling into one-of-a-kind pieces:
<https://collection.knof.si/redesign-by-knof/>

Acoustic insulation **KNOFtex panel**:
<https://knof.si/knoftex-akusticno-izolativni-panel-iz-recikliranega-tekstila>

B2B

If you are a manufacturer, retailer, collector or processor of textiles in Slovenia - now is the time to join us in shaping a fair and circular textile system:
<https://knof.si/mreza-reuse-recycle/>.



PRODUCTION



DESIGN

Knof is a social enterprise with several business models based on their different areas and activities. They have developed the Circular Lab, a tool/incubator/space/R&D that helps companies and individuals to find real solutions for the transition to a circular economy. They advise on material flow, provide local solutions to sustainability and material challenges, and companies can develop and test new circular business models in their space. This model involves partnering with large manufacturing companies that want to gain circular economy expertise and work with them to develop a successful business model and processes that use their waste or by-products from production instead of virgin materials and transform them into new products. One example of such a successful collaboration is the company Beti, which, due to global trends and changes, has transformed itself from a large underwear manufacturer into a smaller company that produces yarn and makes interesting upcycled products from waste material.

As such collaborations are not yet widespread, they took even more decisive action against fast fashion, which takes a heavy toll on the environment and workers through the cheap production of clothing. They started with pop-up events and fashion shows of second-hand and upcycled clothing in shopping malls to test people's reaction to such products.

They tested the market to see if they could reach a wider audience than just the 5-10% of citizens who already buy their products. The biggest obstacles for slow fashion and upcycling clothing are new shopping centers with cheap clothing and clothing from outside Europe. At the same time, we all expect European manufacturers and designers to pay attention to environmental protection and sustainable practices, regulations and certifications. They observe price dumping in B2C sales, which is very tough, and it is interesting that these two models coexist.

knof

Contact

Contact person:
Mojca Žganec Metelko
info@knof.si
Phone: +386 (0)6 861 29 89
www.knof.si/en
www.collection.knof.si
LinkedIn: Mojca Zganec Metelko



1. Austria

Austrocell, The Plastics Project www.austrocel.com; www.plastice.eu
Färberei Fritsch www.colortex.at
Lenzing AG [Lenzing Innovative by nature](http://Lenzing_Innovative_by_nature)
Montreet [Nachhaltige Sportmode aus Österreich | MONTREET](http://Nachhaltige_Sportmode_aus_Osterreich_|_MONTREET)

2. Republic of Srpska/Bosnia and Herzegovina

Magbago www.magbago.com
Sportek Ltd. www.sportekdmt.com
Veteks Ltd. www.veteks.net

3. Bulgaria

Kris Fashion Industries Inc. www.krisfashion-industries.com
Niya Fashion www.facebook.com/people/niya-fashioncom
Rematrak www.rematrak.bg
Revive Apparel www.reviveapparel.bg
TexCycle www.texcycle.com

4. Croatia

Ethereal d.o.o. www.ethereal.hr
Galeb www.galeb.hr
Humana Nova <https://humananova.org>
Sabant www.sabant.com
Textilloop www.textilloop.com
Sabant www.sabant.com
Vagant Studio www.vagantstudio.com

5. Czech Republic

Archa Hrást www.arca-chrast.cz
Diakonie Broumov Social Enterprise www.diakoniebroumov.org
Dimatex CS Spol. s r.o www.dimatex.cz
Keen, Outdoor Concept a.s. www.keenfootwear.cz/re-keen/
RETEX a.s. www.retex.cz

6. Hungary

Botanika Natural Textile Dyeing For Circularity www.hellobotanika.com/en
Háda Circularity In Textile Industry Via Second Hand Clothing Retail www.hada.hu
Kerepes Cloth Exchange www.kerepes.hu
PIZSI- Crafting GOTS Rated Loungewear www.pizsistore.com
Recreation Unique, Fashionable Jewelry Made From Recycled Computer Parts www.rekreacioshop.hu
Retextil Scenery www.retextil.hu/en
Réthy Fashion – Recycling Academy www.fashionhungary.com/designers/rethy-fashion
Sulizsák Ltd. www.sulizsak.hu
Tesa Ltd. www.textilhulladek.hu
Textrade Ltd. www.textradekft.hu
Touch Me Not Clothing www.touchmenotclothing.com
Zöld Glóbusz Ltd. www.zolduton.hu/moshato-pelenka-kolcsonzes

7. Moldova

Georgette www.georgette.eu
OK KINO www.studiookkino.com
Temelia Manufactory www.temelia.md

8. Romania

Katty Fashion www.katty-fashion.com
Poarta-ma Cu Flori www.instagram.com/poarta_ma_cu_flori
REDU www.redu.org.ro
Single Dual www.singledual.ro/en/despre

9. Serbia

ArTech Inženjering - ReTex Project retex.material@gmail.com
i-Novi Tekstil d.o.o. www.i-novitekstili.rs
Marija Handmade www.marijahandmade.com
Sisters Based On Their Dresses www.instagram.com/sestrepohaljinama

10. Slovakia

Atria IT, s.r.o. www.atriait.sk
Luna World www.facebook.com/barby.luna.world
NOSENE www.nosene.sk
SK-TEX www.sk-tex.com
WAKIVAKY www.wakivaky.eu

11. Slovenia

Destilator www.destilator.si/tag/walk-the-talk-shoes
KNOF www.knof.si/en