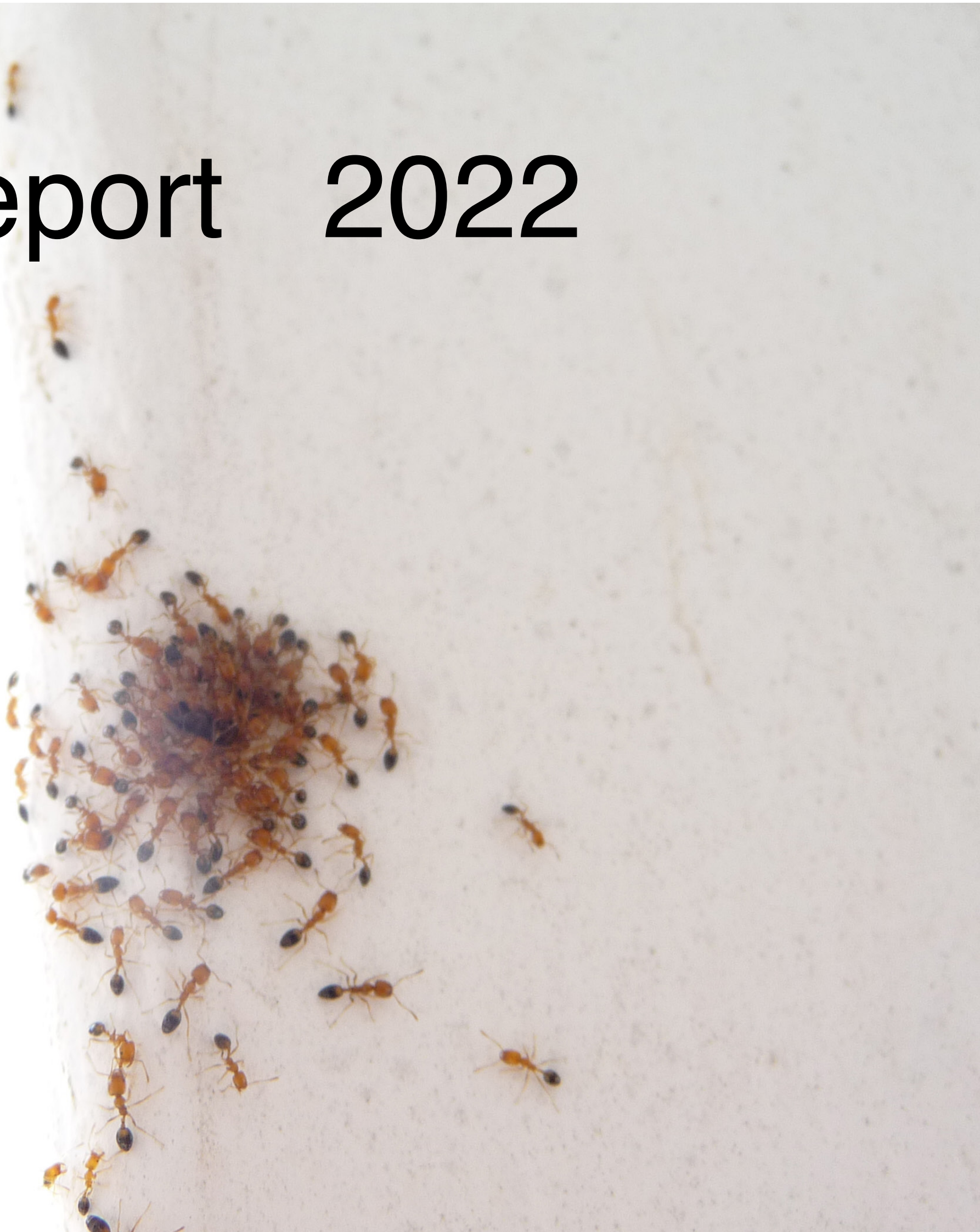


Progress Report 2022

Pure Waste®



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Introduction

At Pure Waste, we remain dedicated to our mission of responsible fashion and sustainable practices. For over a decade, we have continually strived to improve our operations, paying attention to even the most minor details within a comprehensive and sustainable perspective.

Our commitment to responsibility extends beyond our operations. We actively seek to collaborate with our partners and customers to find innovative and sustainable solutions. Working together can drive positive change and inspire others to join us on this journey towards a more sustainable future. We aim to lead by example, demonstrating that there are better ways to conduct business that prioritize the well-being of both people and the planet.

As we navigate the challenges of our time, we firmly believe that recycling should be the norm, and sustainability must be the foundation of all economic activities. The current state of our world necessitates that we adopt a responsible approach to preserve our resources and protect our environment for future generations. We invite everyone to embrace this shared sustainability vision and work collectively towards a more promising future.

This report will delve into the various aspects of our responsible practices, highlighting our achievements and ongoing initiatives and outlining our goals for the year ahead. We encourage you to join us in thinking critically and questioning the status quo; together, we can make a meaningful difference.

Hannes Bengs
Co-Founder





About Us

Pure Waste is a Helsinki-based textile recycling pioneer committed to sustainability and ethical values in all our operations. We understand the significant environmental impact of the global textile industry, which consumes approximately 27.3 billion kilograms of cotton annually. Surprisingly, around 15% of this cotton goes unused, primarily in cuttings, amounting to about 4.1 billion kilograms of usable cotton. To put it into perspective, this volume corresponds to a staggering 109,750 lorryloads of high-quality raw material that can be repurposed.

Driven by our belief in sustainable fashion and the inherent connection between sustainability and quality, Pure Waste has taken up the responsibility of addressing this challenge. We collect discarded cuttings directly from the textile industry in India, where they are generated. We transform these cuttings into high-quality yarn, fabrics, and garments by utilising mechanical recycling processes. Our products are made from 100% recycled fibres, consisting of 60% recycled cotton fibre and 40% polyester fibre produced from recycled PET bottles. The textiles we manufacture offer the same quality and comfort as similar made from virgin materials.

In addition to our line of products, we collaborate with other companies to manufacture their sustainable textiles and finished goods. Our dedicated team in Helsinki oversees various aspects, including design, logistics, marketing, and sales. Extending our expertise and infrastructure, we contribute to the broader adoption of responsible practices within the textile industry.

At Pure Waste, our commitment goes beyond recycling and manufacturing processes. We embrace ecological and ethical values, ensuring that every step of our supply chain upholds sustainability principles. We prioritise transparency, traceability, and accountability, striving to create a positive impact on both the environment and the communities involved in our operations.

Impact

Our commitment to using recycled materials has resulted in significant environmental benefits. Using recycled fibres instead of virgin fibres, we have already saved, during our existence, an impressive 5 277 733 349 litres of water and reduced CO2e emissions by 3 346 887 kilograms (as of December 2022). Additionally, we have recycled 731 361 kilograms of textile waste, giving it a new life as clothes.

Using recycled materials has a profound positive impact on water consumption and carbon footprint. Our recycled textiles and products generate 50% less carbon dioxide emissions and consume 99.9% less water compared to equivalent products made from virgin materials. For example, producing a Pure Waste t-shirt requires only one litre of fresh water and 1.1 kilograms of carbon dioxide emissions. In contrast, manufacturing a similar t-shirt from virgin materials would consume 1426 litres of fresh water and generate 2.07 kilograms of carbon dioxide emissions.

However, our commitment to sustainability extends beyond fabrics and clothes. We strive to ensure that all our raw materials are 99% recycled, from cardboard boxes to bags, reusing everything we can. Our objective is to prolong the lifespan of our manufactured products as much as possible before they are recycled into new ones, reducing waste and maximizing resource efficiency.

At Pure Waste, we believe in increasing awareness and providing transparent information to our customers. Our website offers a platform to share detailed emission and impact data for each garment, allowing consumers to make informed choices. Every item in our webshop is marked with water (H2O) and CO2e emissions, as we firmly believe that disclosing emissions is crucial for comparing future products' sustainability.

In addition to increasing awareness, we actively highlight the shortcomings of the textile industry and present alternative operating methods. Transparency is a core value in all our operations, and we encourage open discussions surrounding sustainability challenges and solutions.

We recognize the importance of sharing our knowledge and experiences. By sharing what we have learned, we can contribute to a collective understanding of sustainable practices within the industry. Furthermore, fostering a continual learning and development culture is essential to our company's growth. While we have achieved significant milestones, we remain committed to ongoing progress and improvement.



Our carbon footprint is 3 447 759 kilograms of CO2e
Our carbon handprint is 3 346 887 kilograms of CO2e

**Our carbon handprint corresponds
to 2 403 around-the-world flights**



Our water footprint is 4 733 282 litres
Our water handprint is 5 277 733 349 litres

**Our water handprint corresponds
to the annual water need of 192 793 people**

Strategy



Our strategy is firmly rooted in the United Nations' Sustainable Development Goals (SDGs), guiding our sustainability commitment. We have identified three SDGs that align closely with our mission and values: clean water and sanitation, decent work and economic growth, and responsible consumption and production. These goals form the core of our strategic approach.

Clean Water and Sanitation

Clean water and access to sanitation are fundamental human rights, and we recognize the significance of preserving this valuable resource. To mitigate water consumption, we have implemented measures within our operations. Cotton, one of the most widely used fibres in the textile and clothing industry, requires substantial amounts of clean water for cultivation. By utilizing recycled cotton in our production processes, we significantly reduce the demand for fresh water. Furthermore, our sewing factory in India incorporates an efficient water recycling system. We collect rainwater, which is then used to sustain the factory's garden and surrounding vegetation. Additionally, we collaborate with other nearby factories and the local school to provide safe drinking water to the entire community through a water pipe built in the village. Through these initiatives, we aim to contribute to preserving and responsibly using clean water resources.

Decent Work and Economic Growth

Creating a work environment that promotes decent work and economic growth is integral to our strategy. We are committed to operating our business responsibly, fairly, and sustainably. Ensuring pay equity, maintaining safe working conditions, and fostering equality are central to our approach. With the growth of our operations, our partner constructed a new building in the factory area in 2020, which was further expanded in 2022 to accommodate new sewing lines.

Responsible Consumption and Production

We view responsible consumption and production as encompassing ecological and ethical considerations while promoting a sustainable lifestyle. The textile industry is widely recognized as one of the most polluting industries globally. However, we see immense opportunities for transformation and renewal. To reduce waste, we utilize cuttings from the textile industry and discarded clothes as our raw materials, giving them a new life. By doing so, we minimize the environmental impact of textile waste and promote a circular economy. Furthermore, we prioritize increasing awareness among individuals and businesses, encouraging them to embrace an ecological and sustainable lifestyle. By fostering consciousness about consumption habits and helping companies achieve their responsibility goals, we strive to drive positive change within the industry.

Sustainable Materials

We prioritize using sustainable materials in our fabric production. Our fabrics blend two primary materials: cotton collected from sewing factories or discarded clothes and polyester made from recycled PET bottles.

While our main material composition remains consistent, we continuously strive to enhance our materials to ensure their versatility and suitability for various purposes. Over the years, we have conducted extensive testing and refinement, resulting in the current balance of 60% mechanically recycled cotton and 40% chemically recycled polyester in our yarn. All the fabrics we utilize are made from 100% recycled fibres.

Cotton

The cotton we incorporate in our fabrics is sourced cutting waste collected from sewing factories or discarded clothes. Once the raw material is collected, it undergoes a sorting process based on quality and colour. The colour of the final product is determined by the collected waste, eliminating the need for additional dyes. After sorting, the cotton is mechanically broken down into fibres, ensuring its suitability for further processing.

Polyester

In addition to the recycled cotton fibre, we utilize recycled polyester in our yarn to enhance durability and meet our stringent standards. The raw material for our polyester comes from disposable PET bottles, which are collected and transformed into high-quality polyester fibres through a chemical recycling process.

Environmental Footprint

We measure our environmental footprint by conducting a comparative analysis between our products and those made from virgin materials. By utilizing recycled materials, we significantly reduce the demand for virgin resources, minimize waste generation, and mitigate the environmental impact associated with the textile industry.

We remain committed to continuous improvement and innovation in our material development, ensuring that our products meet the highest standards of sustainability and quality.



We used 84 745 kg of recycled cotton



We used 56 497 kg of recycled polyester



Chemical Policy

We prioritise using safe and environmentally friendly processes and have a stringent chemical policy in place. We are committed to ensuring that no harmful chemicals are used in our operations, from raw materials to finished products.

Raw Material Compliance

The cutting waste, our raw material, is sourced from contract factories that strictly adhere to the European REACH legislation (Registration, Evaluation, Authorisation, and Restriction of Chemicals). REACH regulations prohibit using hazardous substances, such as azo dyes, formaldehyde, chrome, cadmium, and nickel. Furthermore, materials are thoroughly checked to ensure compliance with restricted and harmful chemical standards.

Dyeing and Washing Processes

We do not dye our fabrics, as the colour of the final fabric is determined by the colour of the recycled fibres. By eliminating the need for additional dyeing processes, we further minimise the use of chemicals in our production.

We exclusively utilise non-toxic enzymes during the washing process, which uses approximately 6 litres of water per kilogram of fabric. This ensures that our fabrics are clean without the use of harmful chemicals. Our finishing process occurs at the Fab Tech International factory, which boasts a closed-loop water circulation and purification system. This system minimises water waste and prevents the release of chemicals into the environment. Additionally, no chemicals are used in any other production phases.

Regulatory Compliance

The finished materials we produce fully comply with the requirements of the REACH regulation. Our products do not utilise perfluorinated compounds (PFC) or phthalates. We remain committed to following all relevant national and international regulations regarding the use of chemicals to ensure the safety and well-being of our customers and the environment.

Our Garments

Product Design

At Pure Waste, our product design philosophy revolves around creating classic, timeless products with an extended lifecycle. We believe in producing unisex designs that streamline our product selection, making it compact and easy to manage. While our product line primarily caters to corporate customers, our products are designed to resonate with consumers.

We often encounter small batches of unique fabrics or colours in our product development process. To ensure minimal waste, we consciously utilise all the materials we produce. As a result, we design special edition collections from these unique product development yarns and fabrics.

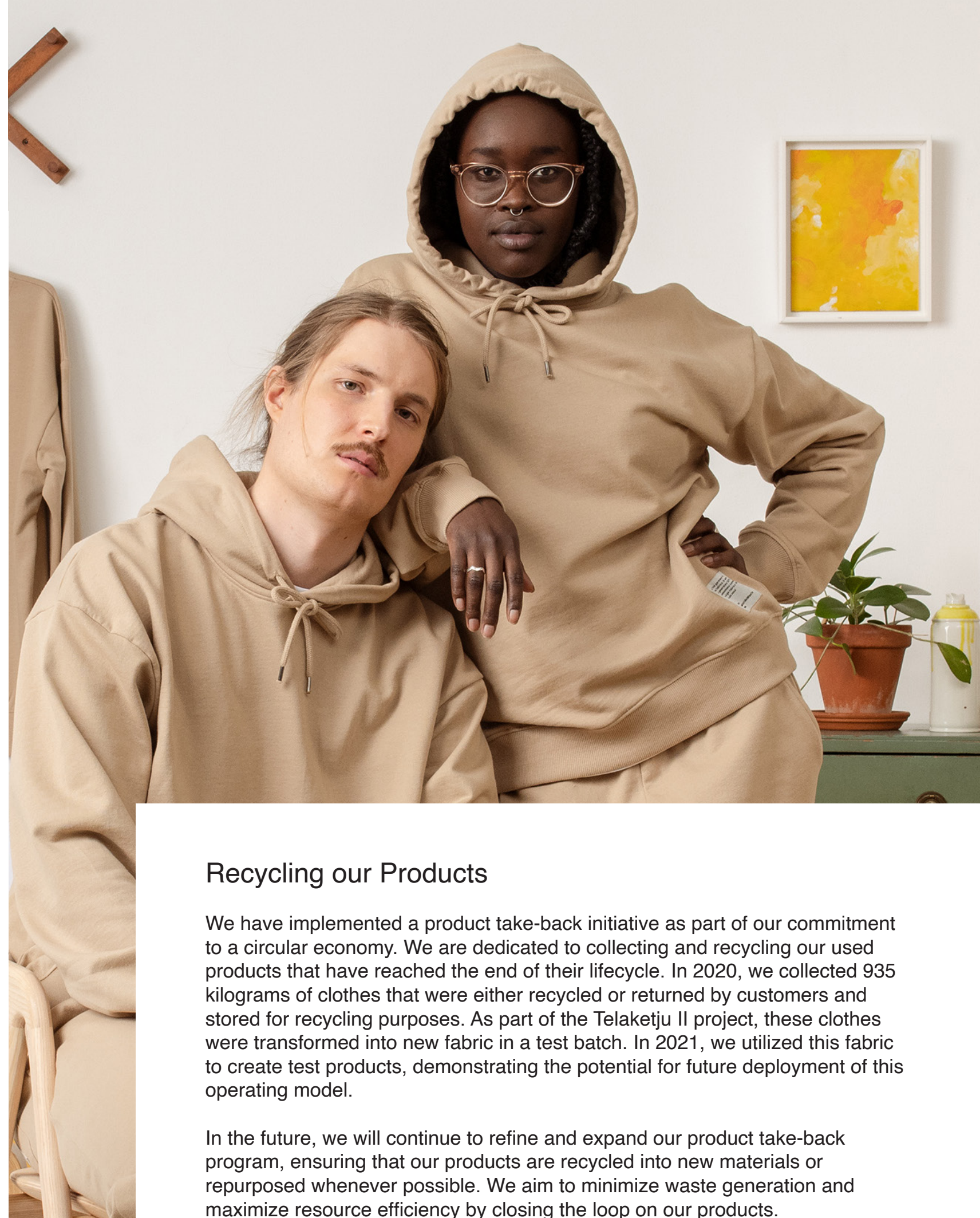
Sustainability is at the core of our design approach. We prioritise simplicity and avoid unnecessary parts and details in our products. By adopting a minimalist mindset, we reduce waste and facilitate easier recycling at the end of the product's lifecycle. Additionally, we consciously avoid using safety pins in our hang tags to further minimise potential waste or environmental impact.

Finishing, Labels, and Symbols

Our commitment to sustainability extends to our products' finishing, labeling, and symbolic elements. The hang tags attached to our products are crafted from recycled cardboard, emphasising our dedication to incorporating recycled materials throughout our supply chain. Furthermore, all cords used in our products are made from the same 100% recycled yarn as our fabrics, ensuring consistency in our sustainable material choices. Our product labels and size tags are made from recycled polyester.

Garment Care

We believe that caring for our products in an environmentally friendly manner is crucial to extending their lifespan and reducing our overall environmental impact. To support our customers in this endeavour, we have gathered comprehensive care instructions that consider the consumption of water and energy and the use of toxic chemicals. These instructions are readily available on our website. Furthermore, we offer environmentally friendly care products at our Helsinki shop, providing sustainable alternatives for maintaining and preserving our garments.



Recycling our Products

We have implemented a product take-back initiative as part of our commitment to a circular economy. We are dedicated to collecting and recycling our used products that have reached the end of their lifecycle. In 2020, we collected 935 kilograms of clothes that were either recycled or returned by customers and stored for recycling purposes. As part of the Telaketju II project, these clothes were transformed into new fabric in a test batch. In 2021, we utilized this fabric to create test products, demonstrating the potential for future deployment of this operating model.

In the future, we will continue to refine and expand our product take-back program, ensuring that our products are recycled into new materials or repurposed whenever possible. We aim to minimize waste generation and maximize resource efficiency by closing the loop on our products.

Subcontractors

We maintain a strong and reliable partnership with our Indian subcontractor, Vardhan Industries, located in Tamil Nadu in southern India. As a A-grade BSCI-audited (Business Social Compliance Initiative) factory, Vardhan Industries upholds high social compliance standards and ensures safe working conditions. We are proud to have the owner of Vardhan Industries as one of Pure Waste's shareholders, further strengthening our collaboration and guaranteeing a safe and reliable partnership. By controlling the production process, we can closely monitor and ensure good working conditions at the sewing factory.

Additionally, we maintain a close partnership with Usha Yarns, our long-term collaborator. Together, we strive to develop high-quality yarns that align with our shared circular economy goals. We have made significant progress in improving the traceability of raw materials, enabling us to ensure consistent quality and colour. This achievement has been made possible by establishing a new test laboratory.

To uphold ethical standards throughout our supply chain, we renew and sign our Code of Conduct with subcontractors annually. The Code of Conduct is also signed with new subcontractors and reviewed every January, emphasizing our commitment to responsible business practices.

Printing Works

While most of our turnover comes from B2B sales, where products are often printed with the customer's designs, Pure Waste does not operate its printing works. Instead, we collaborate with carefully selected subcontractors in Finland for our printing needs. By working with these subcontractors, we ensure high-quality printing while focusing on sustainability and responsible production.



CMT

Vardhand Apparels LLP
S.F. No:20, Palladam - Pollachi Highway, Oxword Street, K.Krishnapuram Village,
Kamanaichenpalayam, Tiruppur - 641, India
Employees 105
Collaborating since 2013

Yarns

Usha Yarns Limited 707, Phase 1, Industrial Area Chandigarh - 160002, India
Employees 550
Collaborating since 2013

Knitting and washes

FabTech International
S.F.No 369/1, Notchipalayam Road Veerapondi, Tirupur - 641 605. India
Employees 180
Collaborating since 2015

Screen print

Steady Graphics Oy
Läkkisepäntie 11 C, 00620 Helsinki, Finland
Employees - 4
Collaborating since 2014

Screen and digiprint

KH-Print Oy
Peltotie 6, 19600 Hartola, Finland
Employees - 5
Collaborating since 2018



Responsibility

We operate in Tamil Nadu in southern India, where our raw material, textile-based cuttings, is located. The decision to establish our operations in this region was driven not only by our Indian shareholder but also by the presence of necessary machinery, infrastructure, and expertise for mechanical textile recycling. Since the factory area's inception, we have been actively involved in planning and implementing our vision of a functional and safe working environment.

Social Responsibility

We adhere to local laws and international agreements, including the UN Universal Declaration of Human Rights. We meet and exceed the established norms to ensure a socially responsible production environment. It is strictly prohibited to employ minors within our factory.

To maintain high standards, our Indian shareholder oversees daily operations in India. We regularly visit the factory 4-5 times a year to ensure compliance and address any potential issues. Due to the COVID-19 pandemic, travel to our factory was unfortunately restricted.

We are committed to actively participating in and supporting corporate social responsibility activities, including the Corporate Social Responsibility Directive. We recognize the importance of promoting responsible business practices and addressing human rights issues in corporate value chains. The Corporate Social Responsibility Directive, based on human rights due diligence, seeks to prevent human rights violations within corporate operations and value chains, extending its impact beyond Finland. By aligning with the objectives of this directive, we contribute to promoting ethical and sustainable practices in the textile industry and beyond.

Salaries and Benefits

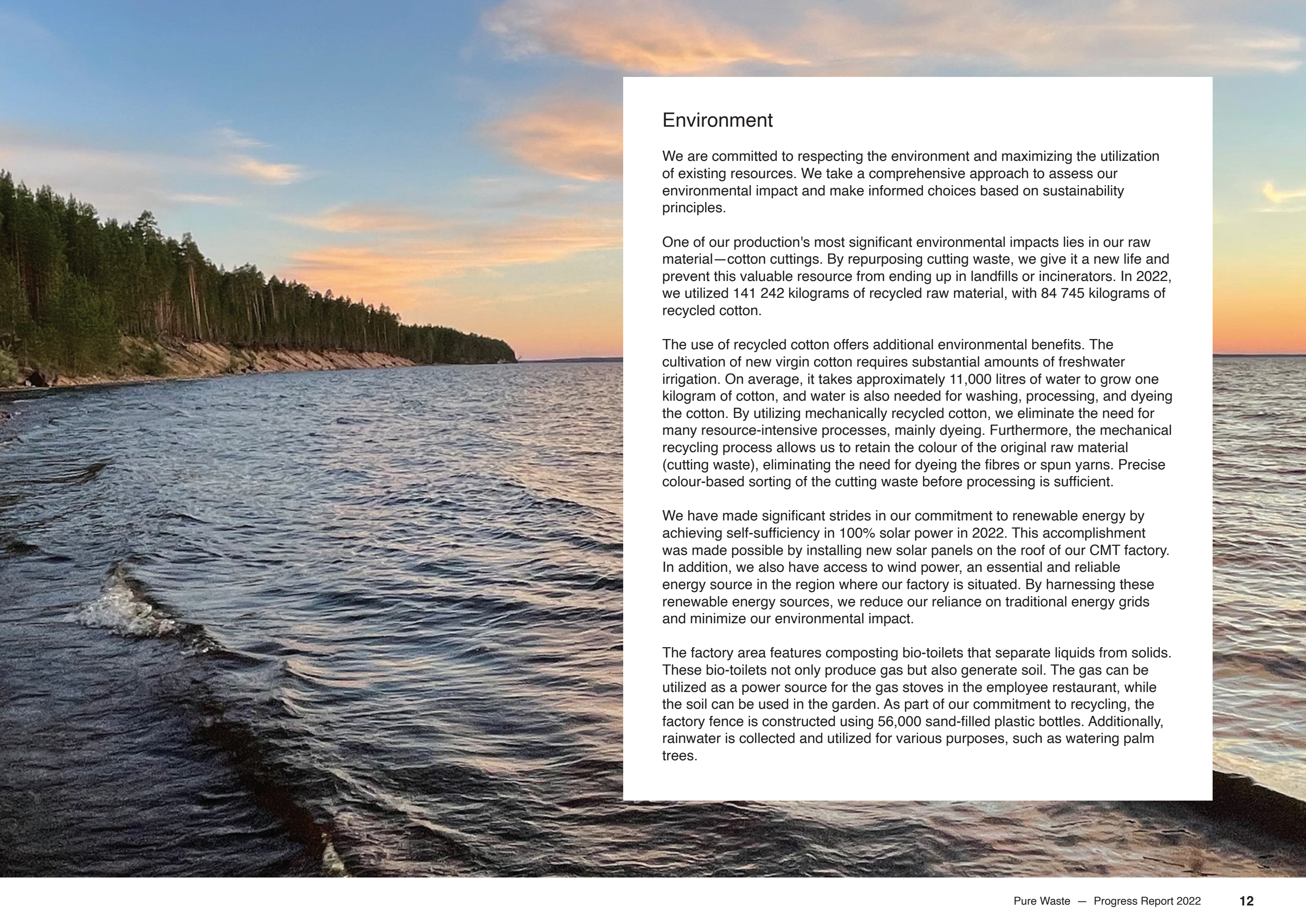
Ensuring fair compensation and employee well-being is of utmost importance to us. Each employee at our factory receives a fair and equal salary, exceeding the minimum wage. We provide a reasonable living salary that exceeds the minimum wage, and they have proper employment contracts and are included in the payroll system. Salaries are paid monthly, and we cover employees' social contributions. On-site, we offer food services, transportation, accommodation as needed, and healthcare services in collaboration with a local private hospital.



Equal and Safe Working Environment

We are committed to maintaining an equitable working environment for all our employees. Fair treatment and employee welfare are fundamental principles guiding our operations. Employees can submit feedback through a dedicated suggestion box on the factory premises. If necessary, the factory manager reviews the input and forwards it to the shareholder responsible for our Indian operations and to Finland.

Employees generally work nine hours daily, including lunch and tea breaks. Overtime compensation is provided as required by statutory regulations and is always voluntary. The factory buildings, designed and constructed for industrial use in 2015 and 2020, ensures a safe working environment. Proper ventilation and insulation are in place to regulate indoor temperatures, especially during high-temperature periods. Additional breaks are provided to employees during such times.



Environment

We are committed to respecting the environment and maximizing the utilization of existing resources. We take a comprehensive approach to assess our environmental impact and make informed choices based on sustainability principles.

One of our production's most significant environmental impacts lies in our raw material—cotton cuttings. By repurposing cutting waste, we give it a new life and prevent this valuable resource from ending up in landfills or incinerators. In 2022, we utilized 141 242 kilograms of recycled raw material, with 84 745 kilograms of recycled cotton.

The use of recycled cotton offers additional environmental benefits. The cultivation of new virgin cotton requires substantial amounts of freshwater irrigation. On average, it takes approximately 11,000 litres of water to grow one kilogram of cotton, and water is also needed for washing, processing, and dyeing the cotton. By utilizing mechanically recycled cotton, we eliminate the need for many resource-intensive processes, mainly dyeing. Furthermore, the mechanical recycling process allows us to retain the colour of the original raw material (cutting waste), eliminating the need for dyeing the fibres or spun yarns. Precise colour-based sorting of the cutting waste before processing is sufficient.

We have made significant strides in our commitment to renewable energy by achieving self-sufficiency in 100% solar power in 2022. This accomplishment was made possible by installing new solar panels on the roof of our CMT factory. In addition, we also have access to wind power, an essential and reliable energy source in the region where our factory is situated. By harnessing these renewable energy sources, we reduce our reliance on traditional energy grids and minimize our environmental impact.

The factory area features composting bio-toilets that separate liquids from solids. These bio-toilets not only produce gas but also generate soil. The gas can be utilized as a power source for the gas stoves in the employee restaurant, while the soil can be used in the garden. As part of our commitment to recycling, the factory fence is constructed using 56,000 sand-filled plastic bottles. Additionally, rainwater is collected and utilized for various purposes, such as watering palm trees.

Certificates

We prioritize transparency and openness as crucial factors in improving working conditions and reducing the textile industry's environmental impact. While transparency alone is essential, we believe in utilizing third-party audits to verify our operating methods against established criteria. We consider certifications and openness integral to our commitment to sustainability and responsible practices.

SEDEX

Additionally, our factory has received the Sedex certificate. Sedex is a global cooperation platform for ethical trade service providers dedicated to improving working conditions across global supply chains. Through its auditing system, Sedex helps companies enhance their sustainable and responsible practices. By obtaining the Sedex certificate, we reaffirm our commitment to ethical trade and responsible business conduct.

BSCI (Business Social Compliance Initiative)

We are pleased to announce that our factory has been awarded the A-grade BSCI (Business Social Compliance Initiative) certificate. BSCI is a global responsibility system founded by Amfori, led by companies, and dedicated to auditing companies' factories. BSCI aims to enhance compliance with social obligations in global supply chains. Through third-party auditing, BSCI promotes adherence to working conditions aligned with human rights, ILO conventions, and national labour legislation. Our BSCI certification signifies our commitment to upholding social responsibility and fostering ethical practices within our supply chain.





Logistics

As a company operating in multiple locations, including India, primarily serving the European market, we recognise the importance of efficient and sustainable logistics to minimise our ecological footprint. We aim to develop a well-organised supply chain that aligns with established timelines and ensures optimal warehouse stock levels. To achieve this, we prioritise sea freight as a more sustainable transportation option whenever possible. Approximately half of our goods are transported by sea, significantly reducing greenhouse gas emissions. In the future, we aim to increase the share of sea freight in customer orders to 80% and ensure that all our warehouse products are transported via sea freight.

To support local operations in Helsinki, we utilise an electric cargo bike for transportation between our warehouse and shop, effectively reducing our carbon footprint and energy consumption.

Transport Companies

We collaborate with various transport companies that align with our sustainability goals to deliver our products efficiently and effectively. These partnerships are based on their ability to meet our requirements and commitment to responsible transportation practices. To offset the carbon emissions associated with our transport activities, we take proactive measures to compensate for the environmental impact of services provided by companies such as Posti, DHL, and A2B.

A to B Finland Oy
Läkkisepäntie 11 C
00620 Helsinki

DHL Express (Finland) Oy
Tullimiehentie 10
01530 VANTAA

Posti Group Oyj
Postintaival 7 A
00230 Helsinki

PostNord Oy
Firdonkatu 2 T 81
00520 Helsinki

Toll Global Forwarding AB
Vantaankoskentie 14
01670 Vantaa

UPS Finland Oy
Niittytie 23
01300 Vantaa

Statistics and Emissions

In 2022, we observed a ratio of approximately 50% air freight and 50% sea freight for our shipments. However, for stock products, the ratio was 66% sea freight and 34% air freight. We utilise compensation options for UPS and DHL export deliveries to offset the carbon emissions associated with these shipments. However, it is worth noting that Posti Group Oy did not offset greenhouse gas emissions for deliveries in 2022, which they did in 2021.

We reuse carton boxes imported for clothes delivery to optimise packaging, mitigate shipment space, and utilise appropriately sized boxes for smaller shipments. We use plastic bags containing 80% recycled plastic for the smallest shipments.

Regarding domestic shipments within Finland, we sent approximately 7765 parcels, weighing about 72 tonnes, using the services of Posti Group Oy, PostNord, and A to B Finland. These shipments included B2B and B2C deliveries, with an average parcel size of 7.18 kg.

For international cargo shipments, TOLL Global Forwarding handles the transportation and importation of goods from our factory in India to our warehouse in Finland. In 2022, we imported 134 tonnes, with 43 tonnes (3222 cartons) transported by air and 91 tonnes (6960 cartons) transported by sea.

Regarding emissions statistics, the CO2 emissions per tonne-kilometre for air transport were 41,306, and for sea transport was 2,082. The CO2 emissions per tonne-kilometre for total transport (CO2TTW) were 36,143 for air and 1,746 for sea.

While our cargo bike was less active in 2022, with less than 200 km covered, our delivery van accumulated 10,000 km during the year, supporting larger store refills and transportation needs.

Emissions t CO ₂ e	2022	2021	2020	2019
Scope 1	1,4	0,6	1	1,8
Scope 2	0	0	0	10,6
Scope 3	1146,3	834,1	695,7	760,9
Total t CO₂e	1147,7	834,7	696,7	773,1
Total Water (L)	876 406	625 799	638 848	520 575



Packaging Materials

We prioritize sustainable packaging solutions that minimize waste and utilize recycled materials. For our packaging needs, we opt for cardboard boxes made of recycled cardboard and plastic bags made 80% of recycled polyethylene. We consciously avoid individually packaging products in plastic bags, which is standard practice in the clothing industry. Instead, we use larger bags that can accommodate multiple products, reducing plastic usage by an average of 75%.

To further reduce our environmental impact, we ceased the purchase of new cardboard boxes in Finland. Instead, we started reusing recycled cardboard boxes from our factory in India. This transition resulted in an approximate 90% annual reduction in purchased cardboard.

Our paper bags, manufactured by Cabassi Oy in Finland, are made of 100% recycled materials. Additionally, Boxon Oy's cardboard boxes, made in Finland, utilize renewable and recycled materials. These boxes hold ISO 14001 certification, signifying their adherence to environmental management standards.

Within our warehouse, we have designated collection points for transparent plastic and cardboard, enabling proper segregation for recycling. Any packaging materials that are not reusable are recycled through our collaboration with HSY (Helsinki Region Environmental Services).

The Use of Repack Packaging in Consumer Deliveries

We have implemented Repack packaging for all online orders to further enhance our commitment to sustainable packaging, excluding some small specific single-product orders. Repack packaging is designed to be reusable and can be utilized for at least 40 cycles. It is made from recycled materials.

According to a study by Repack, their packaging significantly reduces carbon dioxide emissions by up to 80% compared to disposable packaging alternatives. By incorporating Repack packaging in our consumer deliveries, we aim to minimize waste and further mitigate our carbon footprint.



Foot- and Handprint

As part of our commitment to environmental sustainability, we have conducted comprehensive calculations of our production chain and logistics carbon and water footprint. Remo BV carried out these calculations; the exact details can be found [here](#).

According to the new environmental impact calculation, our production chain and logistics demonstrate significant ecological benefits compared to similar products from virgin materials. Specifically, our operations utilize 99.9% less water, and our carbon dioxide emissions are approximately 50% lower. These figures highlight the positive environmental impact of our focus on using recycled materials and implementing sustainable practices throughout our supply chain.

Emission Goals

Our primary emission goal is to achieve carbon neutrality by 2025. While it may not be feasible for us to achieve complete carbon neutrality due to the nature of manufacturing physical products, we are committed to substantially reducing our carbon footprint. We will implement appropriate compensation methods for emissions that cannot be eliminated by 2024. We are dedicated to finding the best possible solutions to offset our carbon footprint responsibly.

In terms of our production and products, our carbon footprint is already minimal, thanks to our reuse of usable cardboard, minimized use of packaging plastic, and the predominance of recycled raw materials in our operations. We prioritize using RePack mailing bags, which are reusable and made from recycled materials. However, our future emission reduction efforts will primarily focus on optimizing freight-related emissions.

Waste Recycling and Sustainable Electricity

We are committed to waste recycling throughout our office, shop, and warehouse operations. With the assistance of HSY (Helsinki Region Environmental Services), we recycle various types of waste, including mixed, organic, energy, plastic, cardboard, paper, metal, glass, and hazardous waste. This comprehensive waste management strategy ensures that we minimize our environmental impact across all areas of our operations.

Furthermore, we prioritize using sustainable electricity sourced from Helen Oy, which provides 100% renewable wind electricity to all our locations in Helsinki, including our office, shop, and warehouse. This commitment to sustainable energy consumption further contributes to our overall environmental stewardship.

Summary of Carbon Footprint

We have meticulously calculated the carbon emissions and water consumption associated with our material and clothes production, logistics, and electricity consumption. Remo BV and our service providers provided the calculations for our production chain and logistics, while the Clonet openco2.net carbon footprint calculator was used for the remaining measures.



Future Goals

At Pure Waste, we are dedicated to continuous improvement and pursuing a more sustainable textile industry. We recognise that our journey towards sustainability is ongoing, and we remain committed to developing and refining our practices. The following list outlines our future goals:

Carbon Neutrality: Our main objective is to achieve carbon neutrality by implementing measures to reduce our carbon footprint across all operations. We will continue to explore innovative solutions and collaborate with experts to achieve this goal by 2025.

Circular Economy: We will further strengthen our commitment to the circular economy by promoting materials reuse, recycling, and upcycling. We aim to increase the percentage of recycled materials used in our products and explore new methods of material recovery and waste reduction.

Water Conservation: We will continue prioritising water conservation efforts by implementing efficient water management practices throughout our production processes. We aim to reduce water consumption further and minimise the environmental impact of water use.

Supplier Engagement: We will deepen our collaboration with suppliers to ensure responsible and sustainable practices throughout our supply chain. This includes ongoing dialogue, sharing best practices, and setting clear social and environmental standards and expectations.

Research and Development: We will invest in research and development to drive innovation and discover new sustainable solutions. This includes exploring alternative materials, advancing recycling technologies, and embracing emerging trends in the textile industry to enhance our environmental performance further.

Transparency and Communication: We will maintain our commitment to transparency by openly sharing information about our practices, progress, and challenges. We will continue to engage with our stakeholders, including customers, partners, and the wider community, to foster dialogue, learn from one another, and collectively contribute to a more sustainable future.



