

A photograph of two women standing outdoors. The woman on the left has long dark hair and is wearing an orange blazer over a white top. The woman on the right has her hair in braids and is wearing a white blazer over a light blue top. They are both looking towards the right. The background shows a body of water and mountains under a clear sky.

NILTEXTILE

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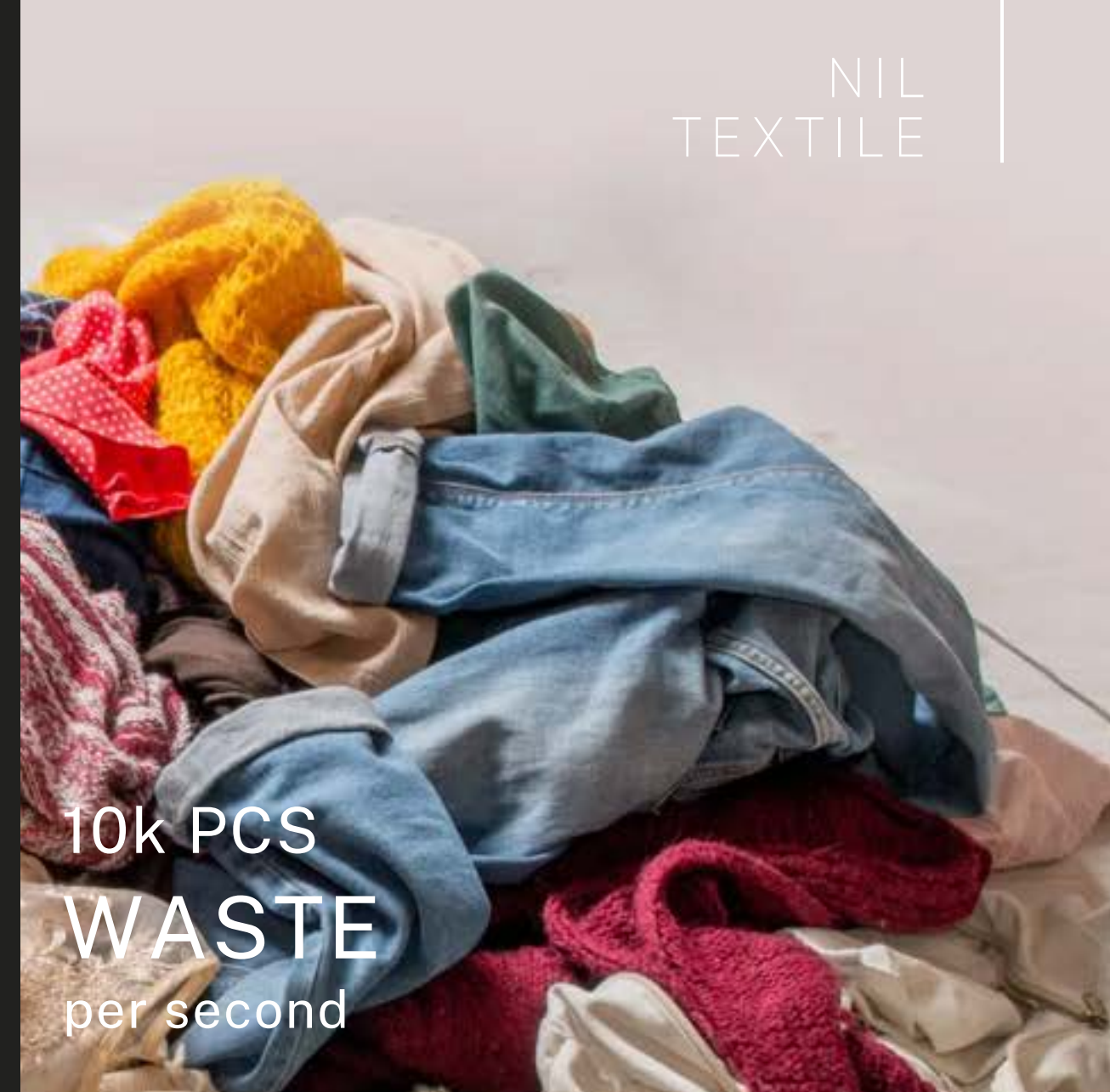
www.niltextile.com



38k KG
CO2
per second



3 MIL. L
WATER
per second



10k PCS
WASTE
per second

NIL
TEXTILE

textile is one of the most polluting industry
in the world



mission

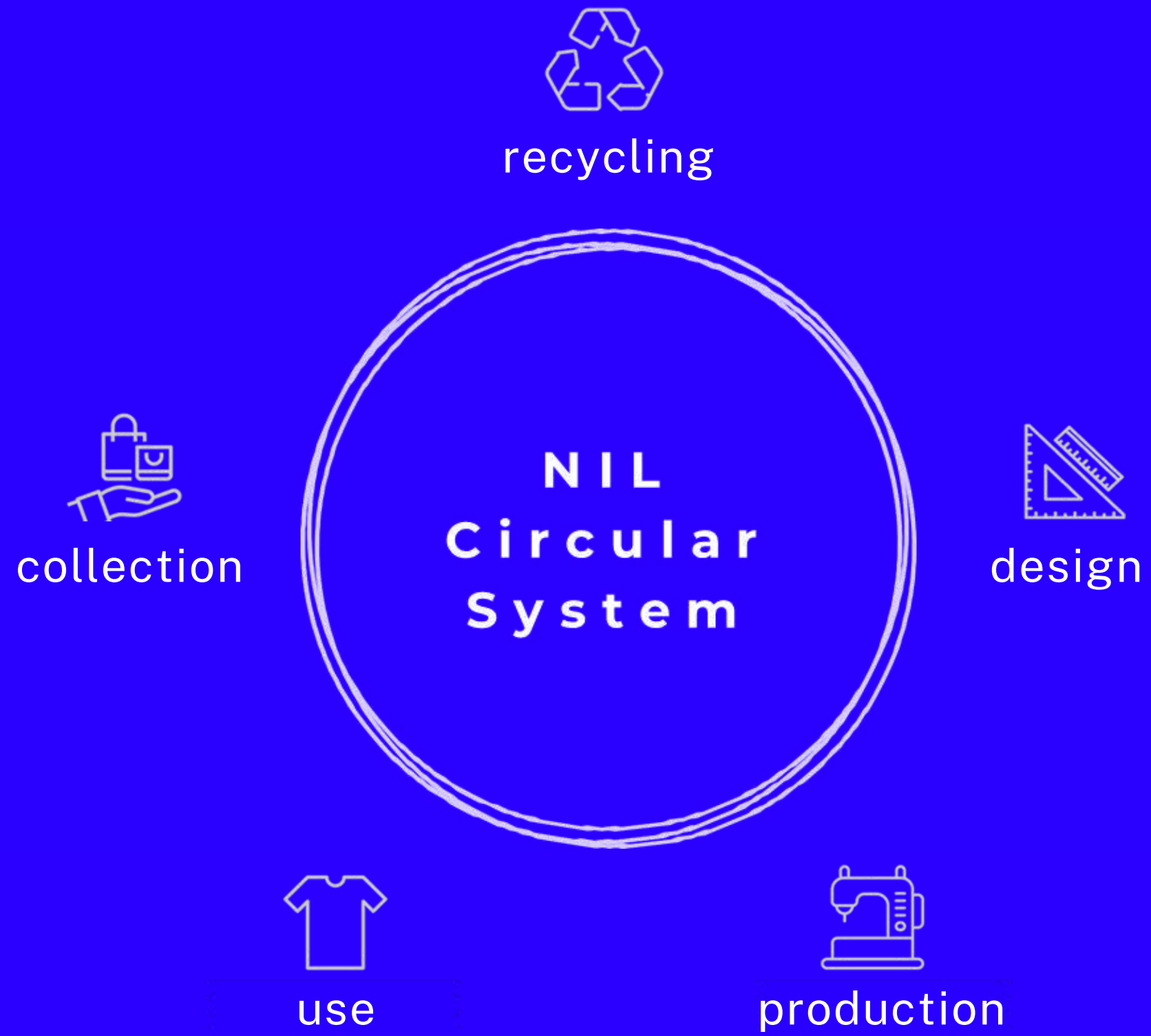
we make textile circular

NIL Textile is a revolutionary CoT (Circularity of Things) company helping people to face global environmental challenges via reducing textile impacts. NIL Textile makes fashion brand's collections circular and sustainable thanks to new 100% recycled and 100% recyclable materials, ecodesign, digitalised take-back system and molecular recycling technologies .



NIL Textile is the first and only company that developed unique apparel materials from corn and recycled waste, its international take-back system and molecular recycling technology enabling to make new products without a loss of quality. NIL Textile provides fashion brands by complete circular solution including advanced vertical manufacturing, digital passport and product's end-of-life management. Without waste, without fossil fuels and with respect to our planet.

offering complete circular solution



answering brands needs

**EU GREEN DEAL LEGISLATIVE
MANDATORY BY 2025 (EPR,
ECODESIGN, CARBON TAX)**

Brands need to ensure recycled content in their products, products end-of-life, recycling and digital passport.

UNIQUE SUSTAINABLE VALUE

Brands need to offer demanded sustainable products, reduce their carbon and water footprint and have official environmental footprint reduction certificates based on LCA analysis.



YEMOCEAN



N O S E N E



LOUKAL

In 2022 we had 139 paying customers,
2023 will be >300

“NIL Textile brings a disruptive circular solution which answers the biggest incoming challenges of the current textile market. They were able to apply very promising recycling technology on industrial level which created big added value for whole industry.”

Dr Fiori Zafeiropoulou,
Fashion Revolution Manager



**FASHION
REVOLUTION**

“NIL Textile is a great example of connection between sustainability and functionality. They manufactured circular Starbucks aprons and our employees love them because of easy-care properties and high quality look.”

Jaroslav Rajos
Starbucks District Manager




STARBUCKS

“For me, as a brand owner, NIL Textile gives me an opportunity to offer fully circular solution to our customers and comply with new EU legislative. The Tanner Hall Collection made by NIL Textile was one of the best sold collection in the brand history.”

Thomas Archer Bata,
Owner of MGG & Bata



 **MGG**
MONT GELE GEAR

changing world by clothes



Winner E.ON Energy Globe Awards 2023



Release of the World-First 100% NILPLA® Corn Recyclable Fabric to Apparel Market



Winner S Brand - The Most Sustainable Brand 2021 by Fashion Revolution



TOP 10 Czech Innovative Companies 2021 - Creative Business Cup by Czech Invest



Selected Participant of SBP 2021 by Fashion Revolution



1st Place ISPO Award for NILPLA® t-shirt in Best Product category

science behind the sustainability



We spent 3 years on R&D phase and developed our NILPLA[®], NILCOTT[®], NILPET[®] and CIRPAD[®] materials and its molecular recycling via several projects with Technical University of Brno and Technical University of Liberec. All environmental calculations are based on LCA Study done by Technical University of Liberec.

- 70% CO₂e savings
- 98% WATER savings
- 100% WASTE savings

NILPLA®



NILPLA®



NILPLA® is ISPO awarded 100% bio-based corn material obtained from renewable sources, which is 100% molecularly recyclable via NIL Circular System. It achieves 59% less carbon footprint compared to polyester and 98% lower water consumption than cotton. The material overperforms cotton and polyester in terms of drying speed, moisture transport and thermal conductivity.

APPLICATIONS: Casualwear, Sportswear, Healthcare, Home Textile



NILCOTT®



NILCOTT®



NILCOTT® is produced in 2 versions - NILCOTT® Recycled (50/50% ring spun recycled/organic cotton) and NILCOTT® Organic (100% GOTS cotton), both 100% molecularly recyclable into regenerated cellulose via NIL Circular System. It achieves 46-63% less carbon footprint and 38-69% lower water consumption than conventional cotton.

APPLICATIONS: Casualwear, Home Textile



NILPET®

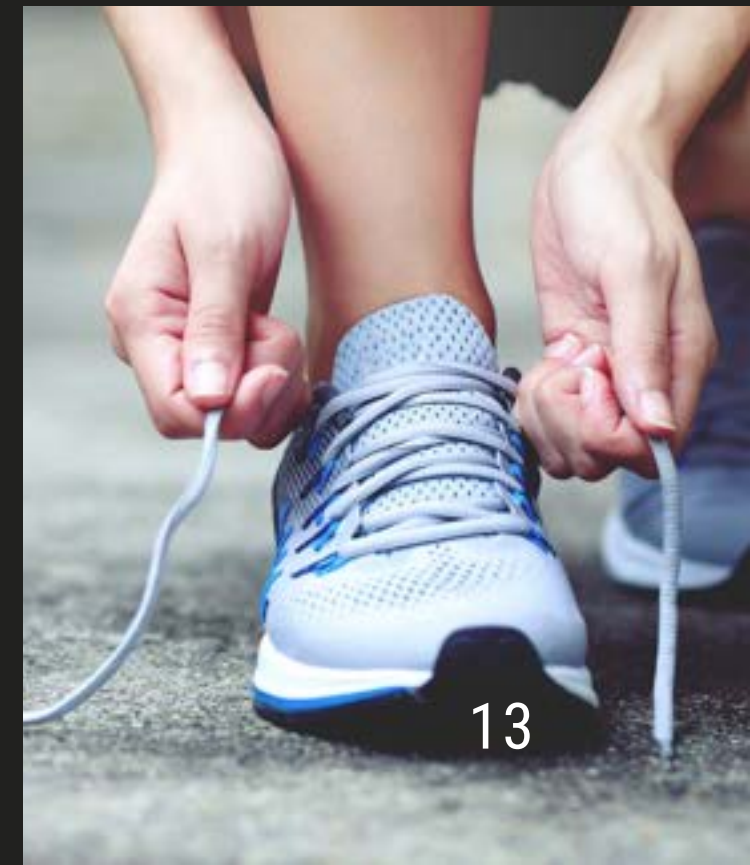


NILPET®



NILPET® is 100% recycled post-consumer polyester waste, which is 100% molecularly recyclable via NIL Circular System. It achieves 38% less carbon footprint and 50% lower water consumption in comparison to conventional polyester. The material properties are the same like virgin polyester and can be delivered with antibacterial, hydrophobic and other treatments.

APPLICATIONS: Sportswear, Home Textile, Luxury Fashion, Automotive, Food, Health Care



CIRPAD®

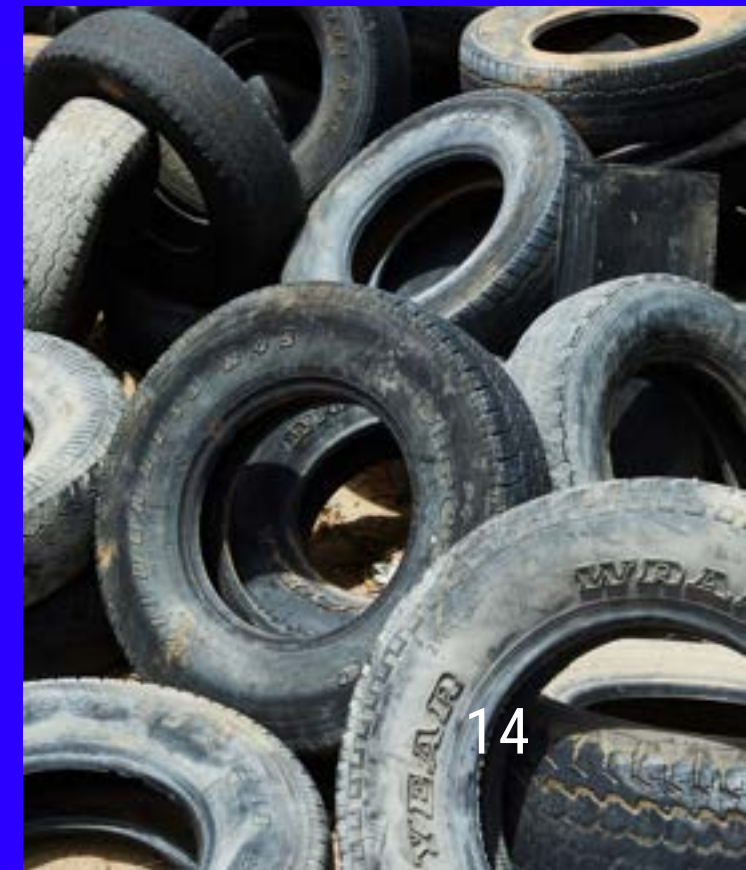


CIRPAD®



CIRPAD® is 100% recycled ocean and post-consumer car tires waste, which is 100% molecularly recyclable via NIL Circular System. It achieves 70% less carbon footprint and 86% lower water consumption in comparison to conventional polyamide 6. The material provides great comfortability, durability and performs the same laki virgin nylon.

APPLICATIONS: Sportswear, Home Textile, Healthcare





NIL
TEXTILE



WINQS

Collection from NILPLA® and NILCOTT® Recycled

NIL
TEXTILE



MGG

Collection from NILCOTT® Recycled

NIL
TEXTILE



KOUTNÝ

Collection from CIRPAD®

Team of highly-skilled professionals



Ing. Mikuláš Hurta
CEO

- 8 years of experience in enterprise management and 5 years in technological transfer
- Doctoral Researcher at Technical University of Ostrava



Hana Fořtová
CCO

- 9 years of experience in sustainable textile commercialization
- International Certified Sustainability Practitioner by CSE



Ing. Petra Bílková
COO

- 24 years of experience in textile manufacturing and processing
- Master's degree on Technical University of Liberec, Textile Faculty



Ing. Branislav Hrtánek
CSO

- 21 years of experience in strategy and planning management
- Master's degree on Technical University of Kosice

Knitting mill, cutting shop and sewing shop highly tailored to processing recycled materials



NIL Textile knitting mill contains circular knitting single jersey and well as interlock machines in 20-28 gauges highly tailored to produce recycled jersey, pique, fleece or interlock fabrics. Actual capacity is 365,000 m annually.

Cutting and sewing shop is equipped by modern sawmills, sewing machines and ironers respecting needs of circular materials. NIL Textile does also all design/pattern work as well as printing and embroidering. Total capacity is 95,000 pcs annually.

be a part of textile revolution

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