Sustainability Report

2024

NASSIMI

Nassimi Sustainability Report
2024

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Message from the President

At Nassimi, performance has always been in our DNA. But in today's world, performance alone is no longer enough. We believe the materials we create must also reflect a deeper responsibility - to our customers and to our industry, but most of all to the impact that we have on our shared environment.

Sustainability is not a side initiative for us; it is increasingly central to how we design, develop, and evaluate our products, and how we operate as a company. Each year, we challenge ourselves to use fewer resources, reduce environmental impact, and rethink long-standing assumptions about what high-performance materials can be.

As our company grows, so does our ability to drive meaningful change. We have made continued progress in removing substances of concern from our products, improving manufacturing efficiency, and investing in new material platforms that require less energy and water to produce.

In 2024, we leaned even further into innovation, not only refining what we do well, but exploring entirely new ways of doing it.

None of this happens in isolation. Our progress is the result of close collaboration with our team, our production partners, and our customers. Together, we are building products and systems that perform today while remaining viable for the future.

This report reflects that ongoing journey. It captures both where we have made real progress and where we still have work to do. We share it with transparency, optimism, and a continued commitment to learning, improvement, and leadership.

We invite you to explore our progress and join us as we continue shaping a more responsible future for performance

Edward Nassimi
President

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Table of Contents

Message from the President 2

Introduction 4
Our Company 5
Brand Portfolio 6
A Two Decade Commitment 7
Our 2030 Roadmap 8

Environmental Progess 9
Sustainability Milestones 10
Sustainability as a Mindset 11
Case Study: SiO Performance Silicone & Closed-Loop Production 12
Our Journey 13

ESG Initiatives 14

Initiatives: Environmental Impact 15
Writer's Block Polyurethane: Intelligent Manufacturing System 15
Supreen: Fabric Waste Recycling 16
One Tree Planted: Planting Trees 17

Initiatives: Social Impact 18
Sustainability Alignment 18
New Hope Girls: Community Engagement 19
Governance and Certifications 20

Data 21
Energy Consumption 22
Water Consumption 23
Waste Reduction 24
Carbon Footprint 25

Next Steps 26
Looking Ahead 27

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Introduction

Our Company
Brand Portfolio
A Two-Decade Commitment
Our 2030 Roadmap

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Our Company

Nassimi LLC is a leading supplier of artfully designed coated and woven upholstery materials, responsibly engineered to perform in the most demanding commercial environments. Performance has always been the foundation of our business, but performance without purpose is no longer enough.

At Nassimi, every product begins with a simple question: what is the why? We rigorously evaluate every material input, every process, and every outcome to ensure that what we create delivers lasting value for our customers, the industry that we serve, and the environment.

Our customers are not simply buyers; they are partners and collaborators. Together, we develop materials that balance elevated design, uncompromising durability, and a growing commitment to environmental stewardship.

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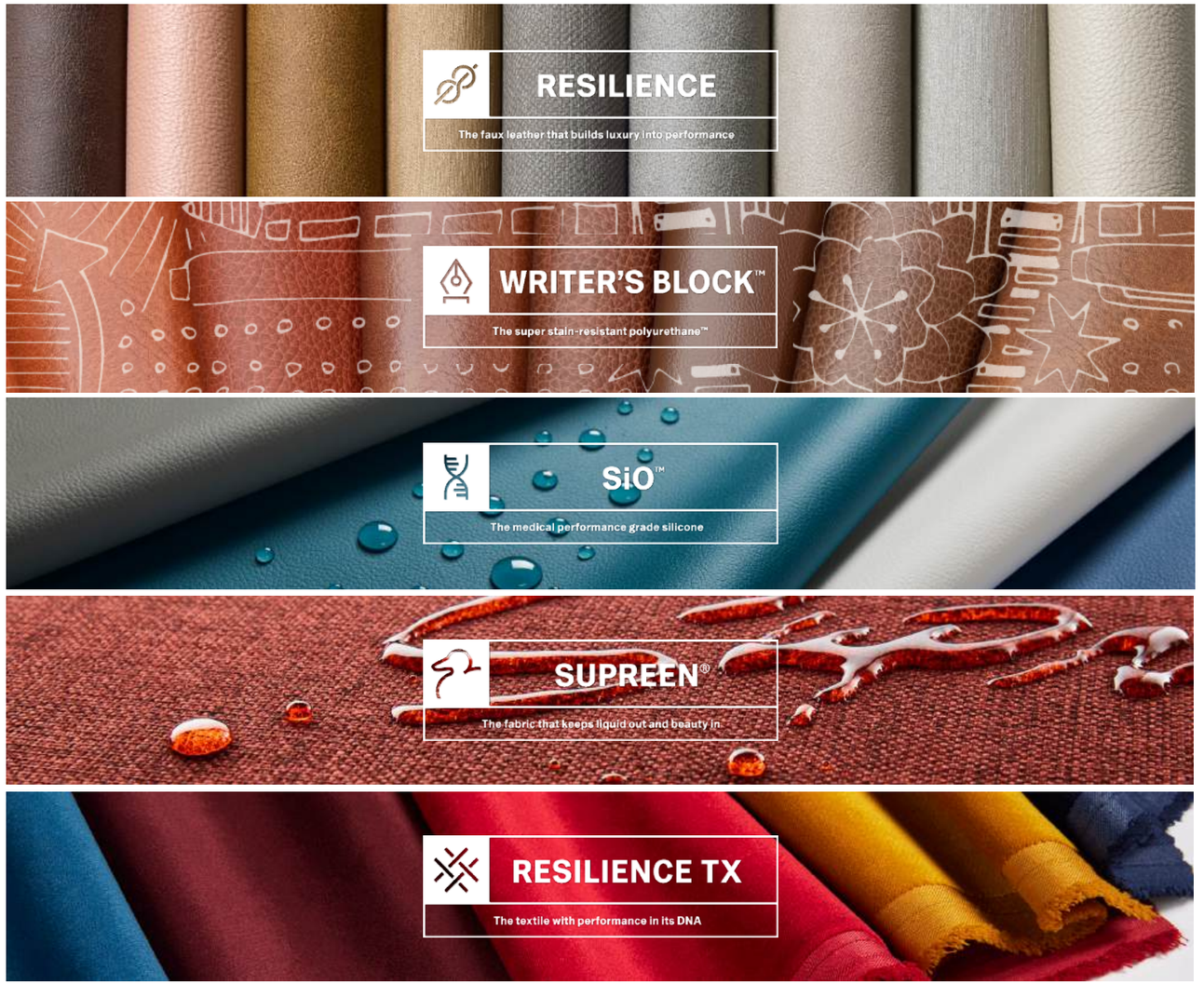
Nassimi Brand Portfolio

Our portfolio consists of a curated collection of performance upholstery materials across polyurethane, silicone, vinyl, and woven textiles. While each brand serves a distinct product category, they are unified by three core principles that guide all design and development decisions:

- Relentless performance
- Elevated design
- Environmental stewardship

These principles define not only what we make, but how we make it.



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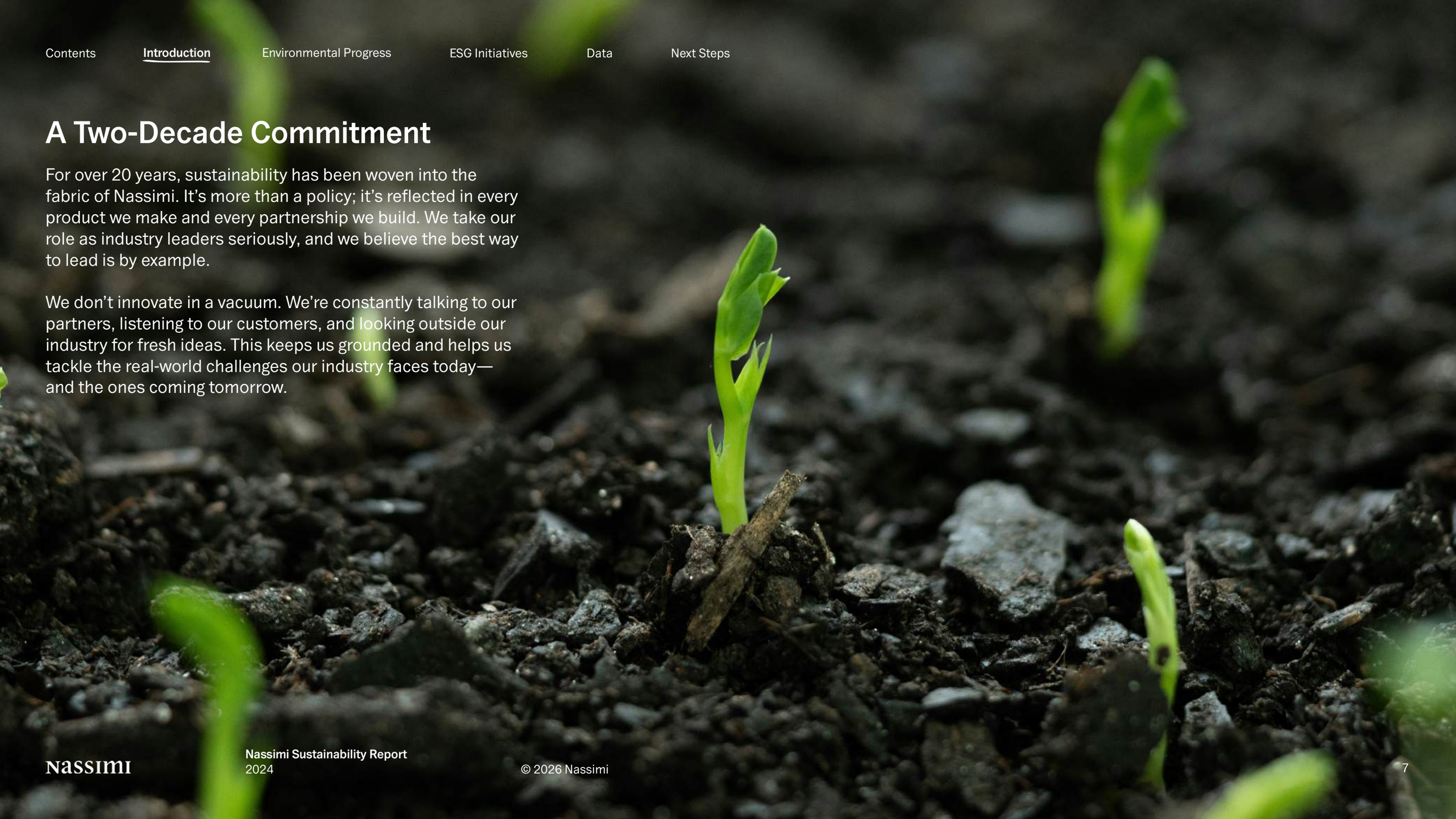
A Two-Decade Commitment

For over 20 years, sustainability has been woven into the fabric of Nassimi. It's more than a policy; it's reflected in every product we make and every partnership we build. We take our role as industry leaders seriously, and we believe the best way to lead is by example.

We don't innovate in a vacuum. We're constantly talking to our partners, listening to our customers, and looking outside our industry for fresh ideas. This keeps us grounded and helps us tackle the real-world challenges our industry faces today—and the ones coming tomorrow.



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Our 2030 Roadmap

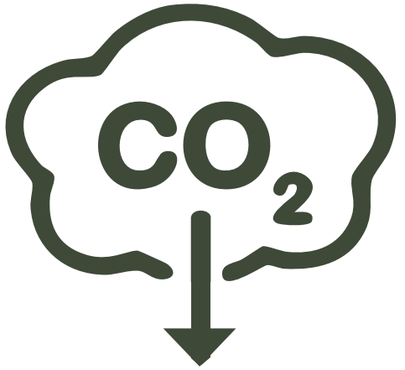
This report tracks our progress across environmental stewardship, social impact, and responsible governance. We've set clear, measurable targets to hold ourselves accountable.

By 2030, we are committed to a 25% reduction in:

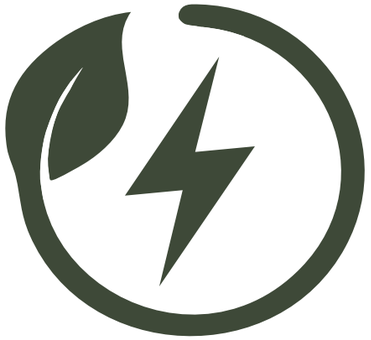
- **Emissions:** Cutting greenhouse gases **(Scope 1 & 2)**
- **Energy:** Reducing our total consumption
- **Water:** Optimizing usage across our supply chain
- **Waste:** Minimizing material loss

Looking Ahead

While we are currently tackling our direct impact, we've also begun the vital work of addressing **Scope 3 emissions**—looking closely at how our materials are sourced and moved. All of this work builds toward our ultimate milestone: **achieving Net Zero across all scopes by 2050.**

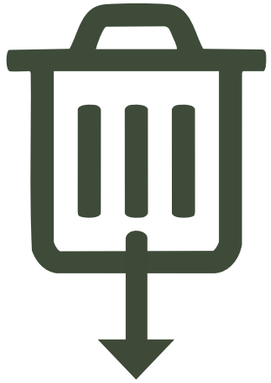


Reduction of Greenhouse Gas Emissions
25% by 2030



Reduction of Energy Consumption
25% by 2030

Reduction of Water Consumption
25% by 2030



Reduction of Waste Material
25% by 2030

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Environmental Progress

Sustainability Milestones

Sustainability as a Mindset

Case Study: SiO™ Performance Silicone and Closed Loop Production

Our Journey

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Sustainability Milestones

Pioneered PVC-free faux leather product

2000

First company in the industry to remove phtalates from PVC

2013

Published Health Product Declarations for all products

2016

Partnered with Toxnot (3E Echange) to establish chemical transparency disclosures

2018

Established reduction targets for energy, water, and greenhouse gas emissions

2020

Established a corporate partnership with One Tree Planted

2021

Introduced new polyurethane platform that uses 45% less energy and water to produce

2023

2008

Upgraded operating systems to become a paperless company

2015

Started data tracking for GHG emissions, energy, and water consumption

2017

Removed antimicrobial, antibacterial, and flame-retardant chemicals from all products

2019

Introduced SiO Silicone, a solvent and chemical free coated fabric

2020

Introduced Supreen, a PFC/ PFAS free liquid barrier upholstery

2022

Eliminated PFAS from production of all products

2024

Benchmark testing for biodegrable vinyl

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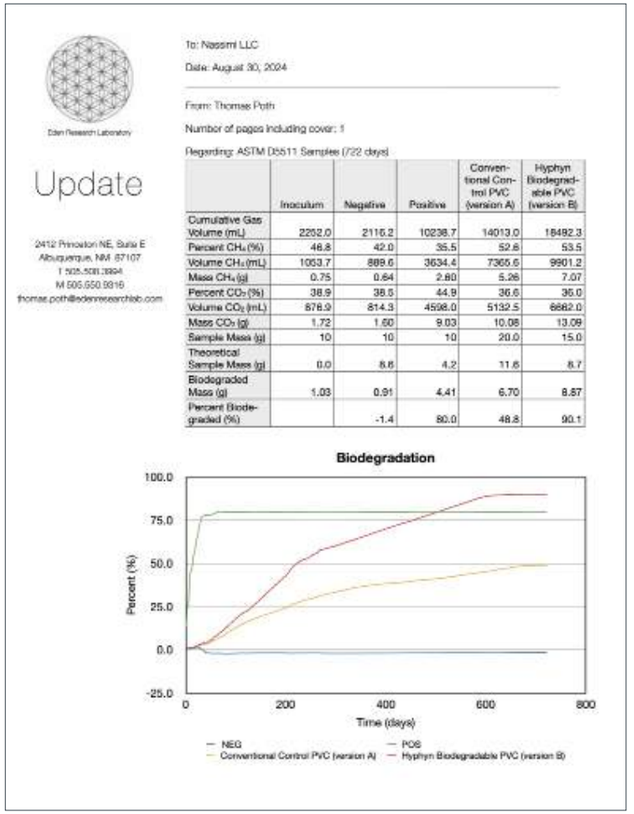
Sustainability as a Mindset

In 2024, Nassimi reached a major sustainability milestone with Hyphyn™, the world's first high-performance proven biodegradable upholstery vinyl. Independent third-party testing under ASTM D5511 confirmed over 90% material degradation in under two years in simulated landfill conditions.

This breakthrough challenges the long-standing assumption that performance vinyl must remain permanently in the environment and reinforces our belief that innovation and responsibility - performance and sustainability - can coexist.



Eden Research Laboratory

Update

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Albuquerque, NM 87107
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M 505.550.9816
thomas.poth@edenresearchlab.com

To: Nassimi LLC

Date: August 30, 2024

From: Thomas Poth

Number of pages including cover: 1

Regarding: ASTM D5511 Samples (722 days)

	Inoculum	Negative	Positive	Conventional Control PVC (version A)	Hyphyn Biodegradable PVC (version B)
Cumulative Gas Volume (mL)	2252.0	2116.2	10238.7	14013.0	18492.3
Percent CH_4 (%)	46.8	42.0	35.5	52.8	53.5
Volume CH_4 (mL)	1053.7	889.6	3634.4	7365.6	9901.2
Mass CH_4 (g)	0.75	0.64	2.60	5.26	7.07
Percent CO_2 (%)	38.9	38.5	44.9	36.6	35.0
Volume CO_2 (mL)	876.9	814.3	4598.0	5132.5	6882.0
Mass CO_2 (g)	1.72	1.60	9.03	10.08	13.09
Sample Mass (g)	10	10	10	20.0	15.0
Theoretical Sample Mass (g)	8.0	8.6	4.2	11.6	8.7
Biodegraded Mass (g)	1.03	0.91	4.41	6.70	8.87
Percent Biodegraded (%)		-1.4	80.0	48.8	90.1

Biodegradation

Percent (%)

100.0
75.0
50.0
25.0
0.0
-25.0

0
200
400
600
800

Time (days)

NEG
Conventional Control PVC (version A)
POS
Hyphyn Biodegradable PVC (version B)

Test Results: Biodegradation

eurofins | Consumer Product Testing

Chem-ST Test Report

Report No: EFUZ24080-1-CG-01
Date: August 16, 2024
Page: 1 of 23

Applicant:	Nassimi LLC	OVERALL RATING	
Attention:		PASS	
Address:	550 Seventh Ave, 15th Floor NY, NY 10018		

SAMPLE INFORMATION			
Sample Description:	Hyphyn	Color Name/ Code:	/
Article/ Style No.:	/	P.O. number:	/
Fabric weight:	Approx 30 oz per linear yd	Country of Origin:	Taiwan
Type/ Fiber Percentage:	PVC Face/Polyester Backing	Supplier:	/
Product Type:	Coated PVC Upholstery Fabric	Stage:	/
Season:	/	*End use:	/
No. of Sample Submitted:	1	*Age Grade:	/
Country of destination:	/	WKS ID#:	/

TEST INFORMATION			
Testing Laboratory:	Vietnam Lab	Previous Report No.:	-
Date of Submission:	August 09, 2024		
Test Performance Date:	August 09, 2024 – August 16, 2024		
Remark:	-		

For and on behalf of
Eurofins Consumer Product Testing Vietnam Company Limited

Henry Nguyen
General Manager SL & AN

For and on behalf of
Eurofins Consumer Product Testing Vietnam Company Limited

Dr. Devender Singh
Global Innovation and Technical Director

Eurofins Consumer Product Testing Vietnam Company Limited

Test Results: Material Safety

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Case Study:

SiO™ Performance Silicone and Closed Loop Production

Water usage and emissions reduction remain two of the most critical environmental challenges facing global manufacturing. According to the U.S. Environmental Protection Agency, industrial operations account for over 18 billion gallons of water usage per day, while greenhouse gas emissions continue to accelerate climate risk worldwide.

In an effort to do our little part, Nassimi focused on transforming one of the most resource-intensive processes in our portfolio: silicone production.

Through collaboration with a new manufacturing partner, we updated the production of SiO™, a high-purity silicone resin, to produce it using a closed-loop thermal curing process. By replacing traditional water- and solvent-based separation methods with controlled high-heat processing, SiO eliminates:

- Water usage
- VOC emissions
- Solvent drying systems

The result is a silicone material produced with zero water waste and net-neutral greenhouse gas emissions, while simultaneously reducing total energy consumption through faster production cycles.

This innovation demonstrates how material science, process engineering, and the desire for a more sustainable path forward can converge to create meaningful change, even if that means changing the production facility – in this case from China to South Korea.

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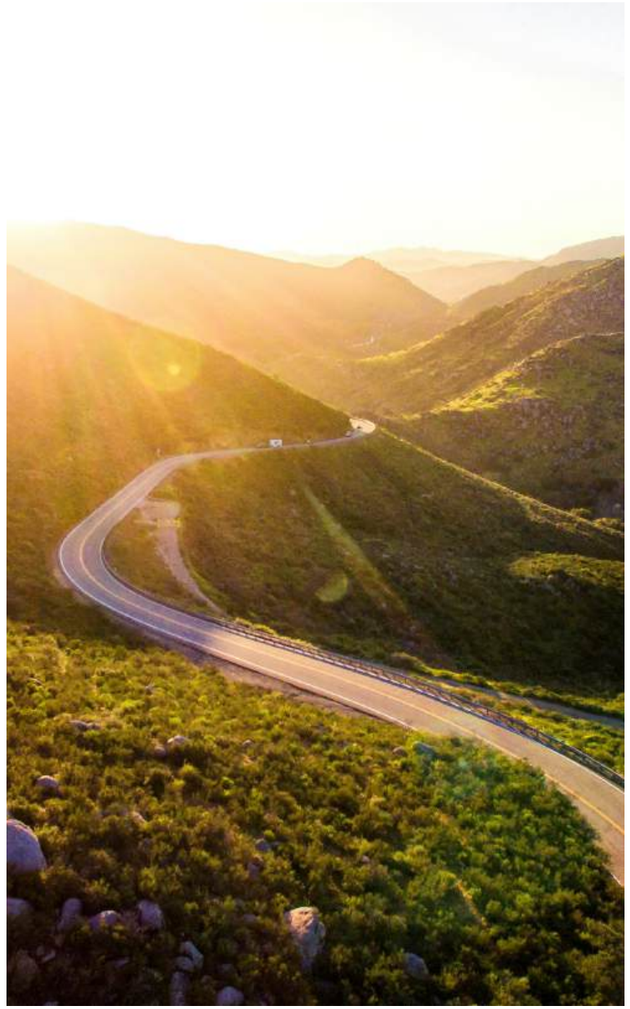

Our Journey

Sustainability at Nassimi is not defined by a checklist but by a mindset. We view sustainability as the practice of improving systems and making them repeatable: economically, environmentally, and socially.

In 2024, we focused on expanding the conversation. We sought inspiration beyond our industry, engaging with broader environmental research, social impact frameworks, and sustainability thought leadership. This exploration strengthened our belief that long-term responsibility requires continuous learning, humility, and adaptation.

This evolving perspective now shapes our ESG strategy:

Environmental
Prioritizing initiatives that reduce negative environmental impact and promote resource efficiency. This includes evaluating the chemical content of all products and replacing those that could be of concern as well as refining production processes to reduce water and energy consumption and minimize waste production.

Social
Prioritize initiatives that focus on people. Investing in well-being, safety, and education across our workforce and community.

Governance
Aligning our operations with recognized third-party certifications that promote transparency, accountability, responsible production, and social sustainability.

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ESG Initiatives

Environmental Impact

Writer's Block Polyurethane: Intelligent Manufacturing System

Supreen: Fabric Waste Recycling

One Tree Planted: Planting Trees

Social Impact

Sustainability Alignment

New Hope Girls: Community Engagement

Governance and Certifications

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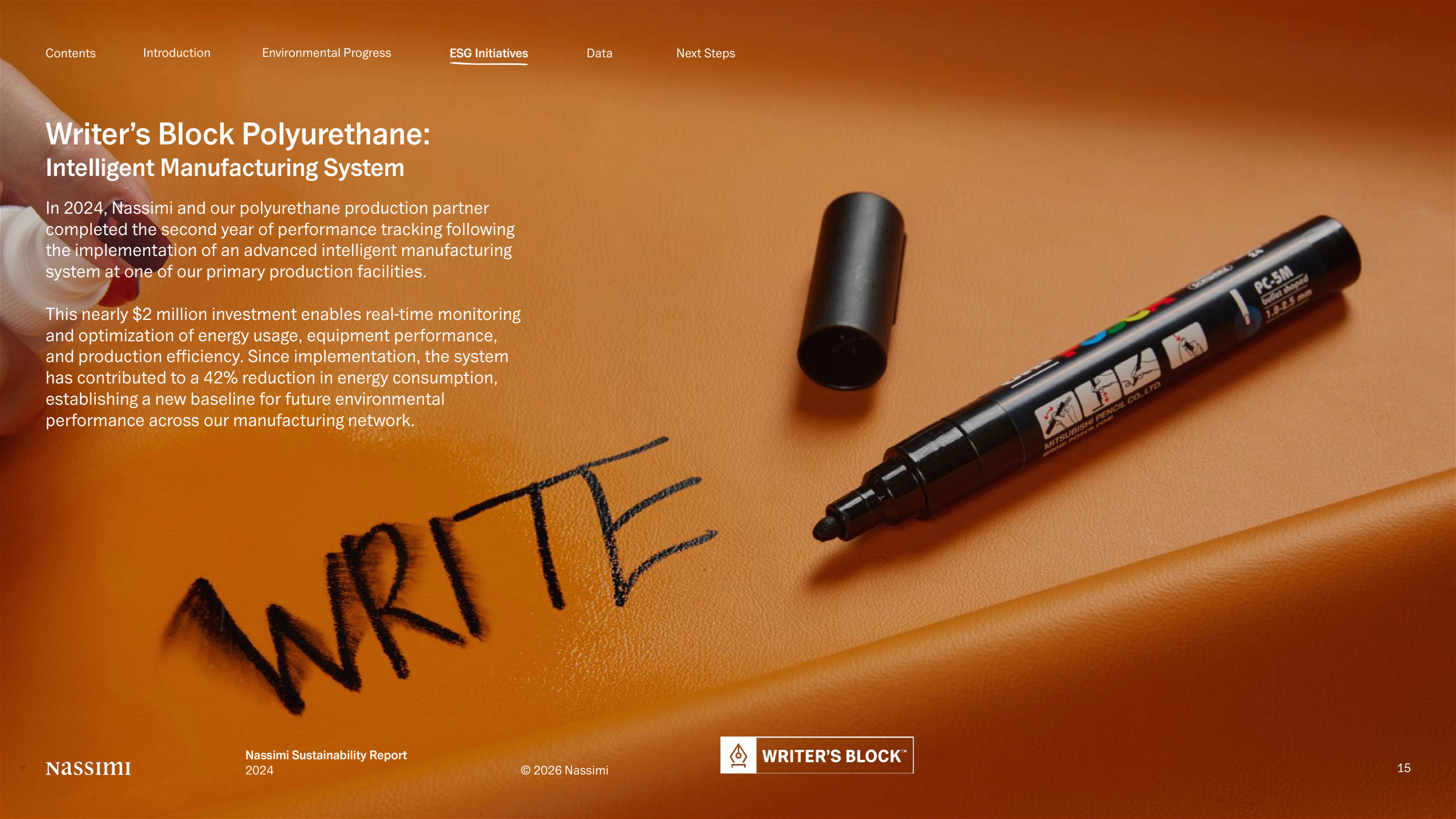
Writer’s Block Polyurethane:
Intelligent Manufacturing System

In 2024, Nassimi and our polyurethane production partner completed the second year of performance tracking following the implementation of an advanced intelligent manufacturing system at one of our primary production facilities.

This nearly $2 million investment enables real-time monitoring and optimization of energy usage, equipment performance, and production efficiency. Since implementation, the system has contributed to a 42% reduction in energy consumption, establishing a new baseline for future environmental performance across our manufacturing network.



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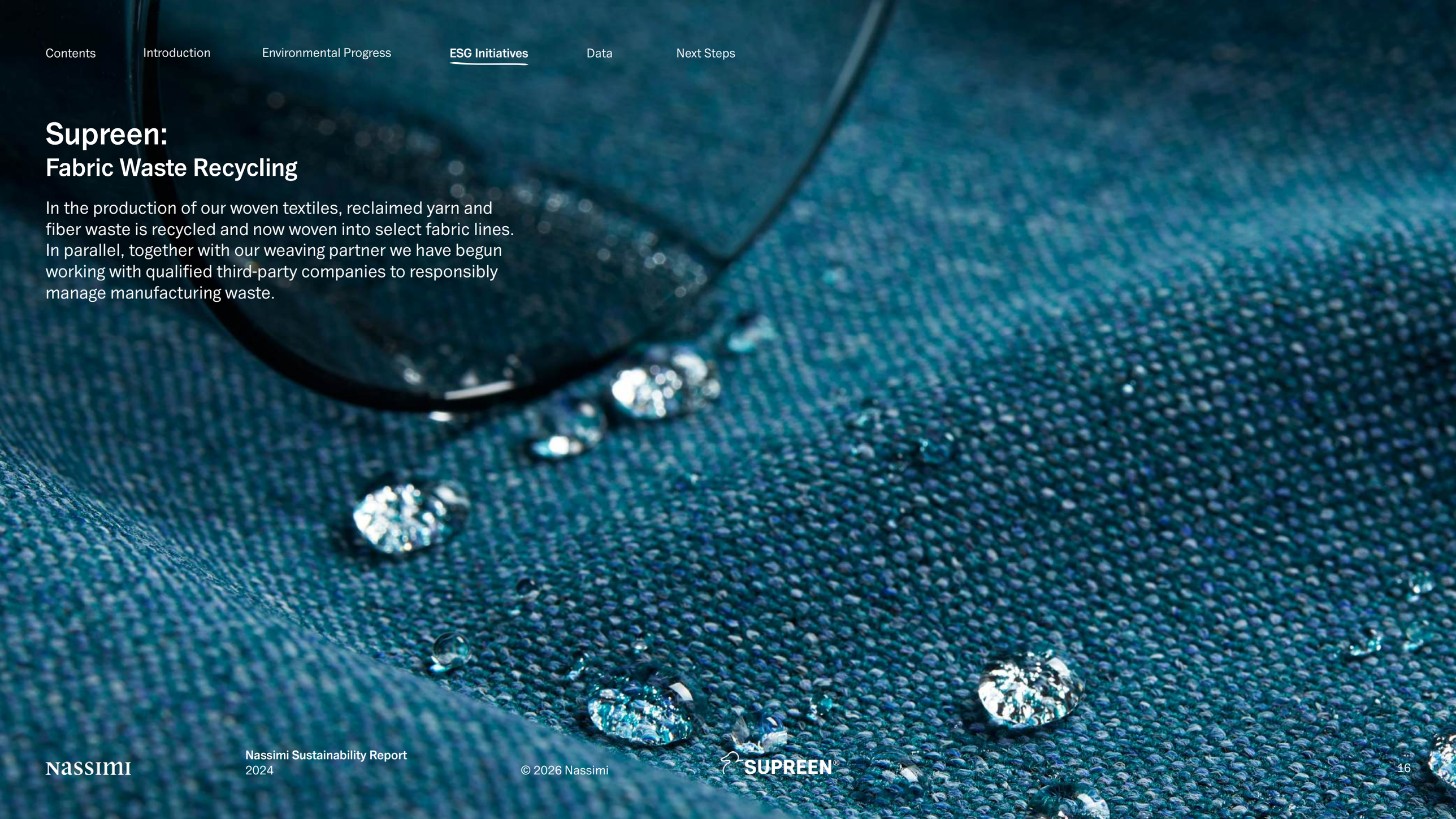
WRITER’S BLOCK™

Supreen:
Fabric Waste Recycling

In the production of our woven textiles, reclaimed yarn and fiber waste is recycled and now woven into select fabric lines. In parallel, together with our weaving partner we have begun working with qualified third-party companies to responsibly manage manufacturing waste.



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One Tree Planted:
Planting Trees

Nassimi is a long time supporter of One Tree Planted, a non-profit organization focused on global re-forestation. Since it's inception in 2013, One Tree Planted has planted over 135 Million trees in 82 countries around the world. Nassimi is proud to support OTP to plant 10,000 trees annually.

onetreeplanted.org

ONETREEPLANTED

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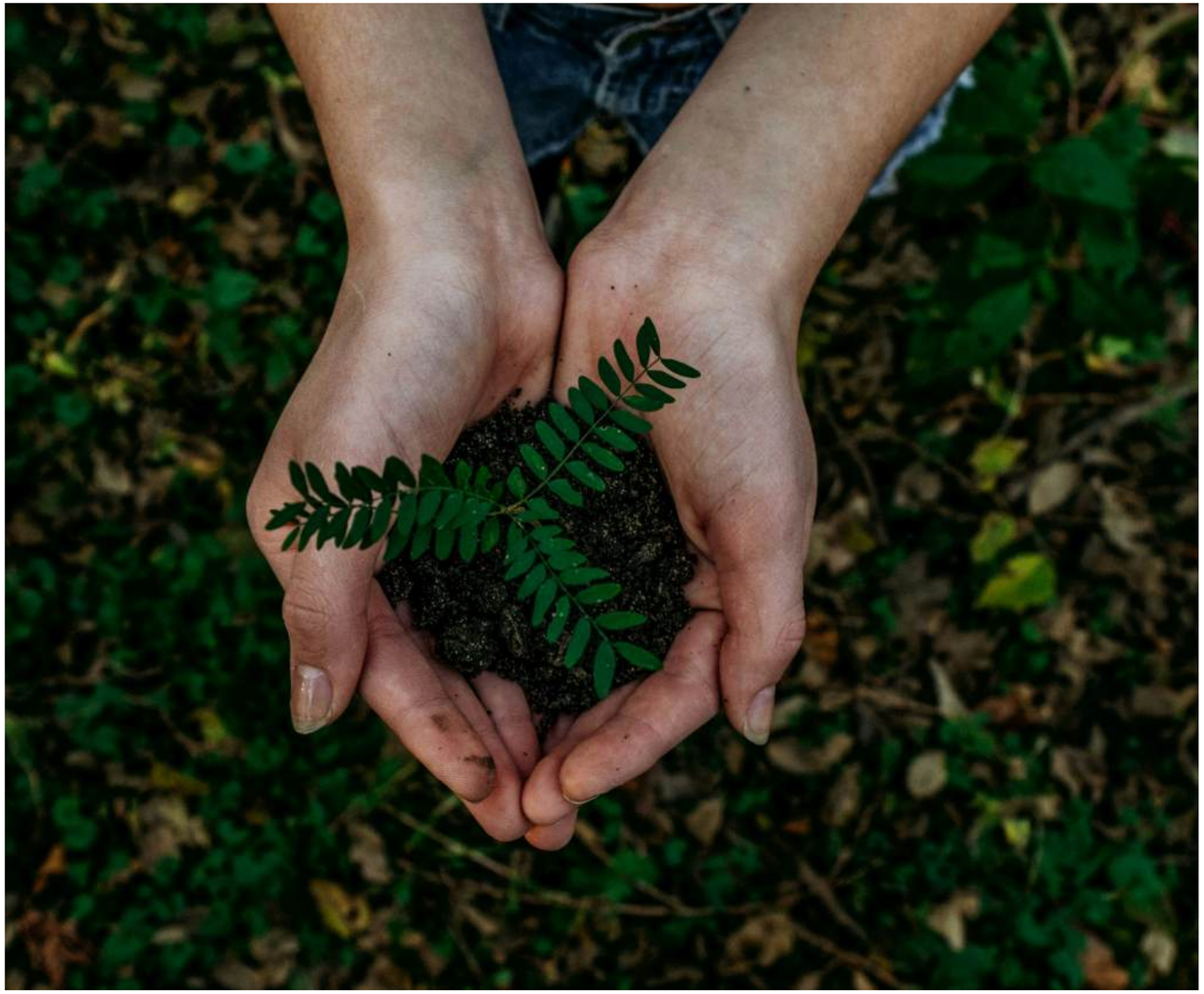

Sustainability Alignment

Nassimi is committed to strong alignment with our global production partners, ensuring that sustainable thinking is not only practiced, but embedded within their core operations and values. We work closely with our partners to uphold rigorous standards across environmental stewardship, workplace safety, and employee wellbeing, holding one another accountable through ongoing collaboration, transparency, and continuous improvement.

This alignment extends beyond process and compliance. Together, we promote a culture that prioritizes responsible use of resources, safe and equitable working conditions, and the long-term health of both people and the environment. By fostering shared expectations and mutual accountability, we ensure that sustainability remains a consistent and measurable part of how our products are made.

Nassimi chooses its production partners very carefully and deliberately. Companies in the Nassimi ecosystem produce at a consistently high quality level, have a focus on R&D and innovation, and are continuously seeking for ways to lessen the environmental impact of the products and processes.

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New Hope Girls:
Community Engagement

Nassimi supports New Hope Girls, a nonprofit organization serving girls and women affected by abuse and human trafficking. We donate decorative materials used to produce handbags and accessories, generating revenue that directly funds employment and therapeutic services for participants in the Dominican Republic, Mexico, and Guatemala. We are proud to support such an caring organization, that gives women independence and meaningfully impacts their lives.

newhopegirls.com

NEW HOPE GIRLS

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Governance and Certifications

Nassimi partners with manufacturing facilities that maintain recognized third-party certifications, including:

- **bluesign®** – Globally recognized seal for environmental, chemical, and worker safety compliance. Chemical consumption, carbon emission, water consumption, energy consumption, and worker health and safety evaluated by a third party.
- **ISO 9001** – Third party accreditation for quality management systems
- **ISO 14001** – Third party accreditation for environmental management systems
- **OEKO-TEX®** – International standard for assurance of harmful substance control and responsible production.

These certifications provide independent verification that our operations align with global standards for responsible production.

Equally important to responsible production is transparency. We partner with an independent organization – 3E Exchange – to benchmark chemical and environmental data and seamlessly share it with our customers.

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Data

Energy Consumption

Water Consumption

Waste Reduction

Carbon Footprint

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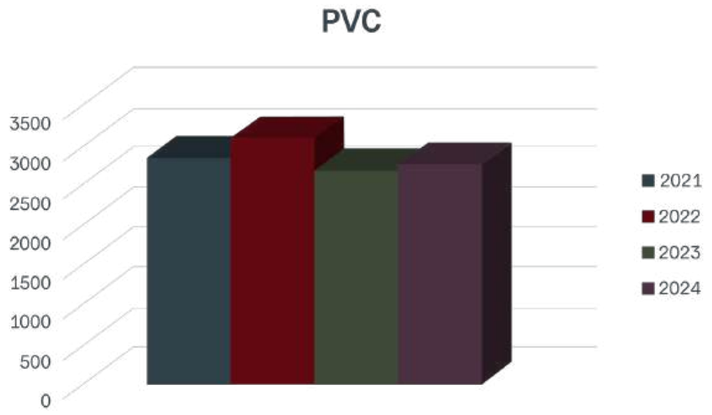
Energy Consumption

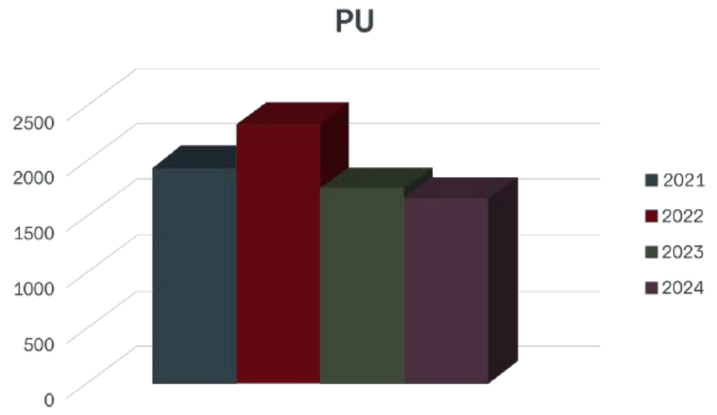
In 2024 we were able to reduce our energy usage across all three major product categories, with the largest decrease in woven textiles and Supreen production.

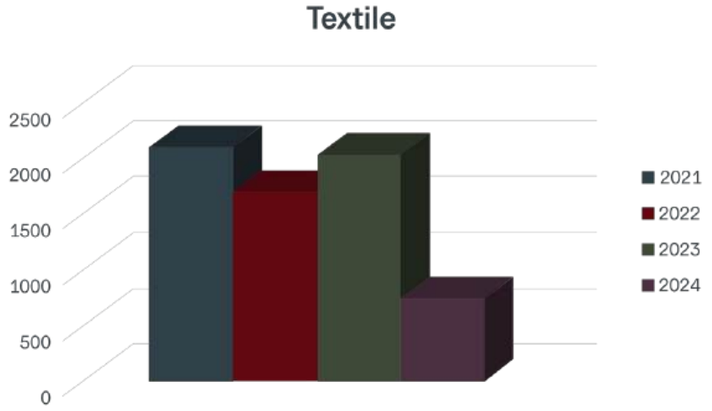
We continued our exploration into energy reduction and embraced clean energy solutions. Throughout the year, many of our production partners made meaningful improvements, shifting from fossil fuels to biofuels, allowing us to tap into greener power.

We've made great strides by not only harnessing more green electricity through solar panels and purchasing renewable energy but also by installing thermal energy recovery systems. To continue our ongoing efforts to reduce energy consumption, we are in the process of installing energy storage systems that will enhance our overall efficiency during peak times.

Energy (KWh per 1000 Linear Yards)







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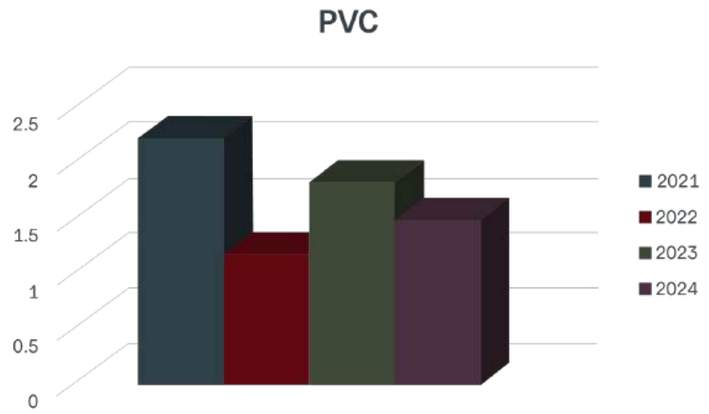
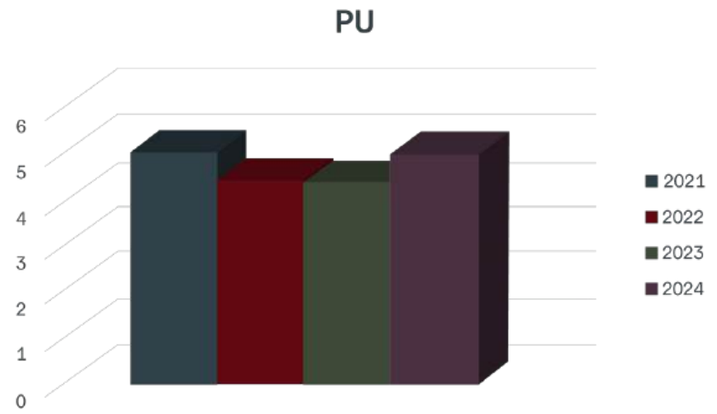
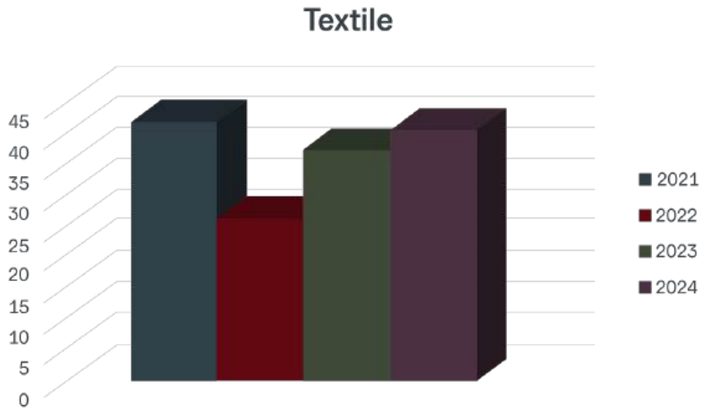
Water Consumption

In 2024 we began the transition of our Writer's Block polyurethanes from a production facility in China to Vietnam. To ensure service consistency to our customers, we ran parallel production for a period, resulting in increased water consumption. We are continuing to expand water reclamation systems at all facilities, and are exploring processes for reduced consumption.

Water (Kl per 1000 Linear Yards)







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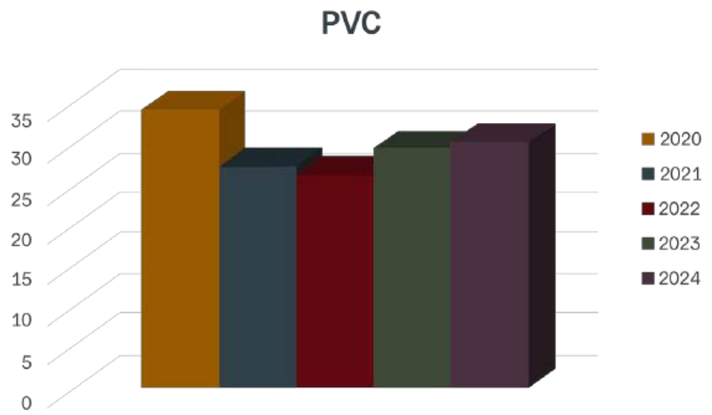
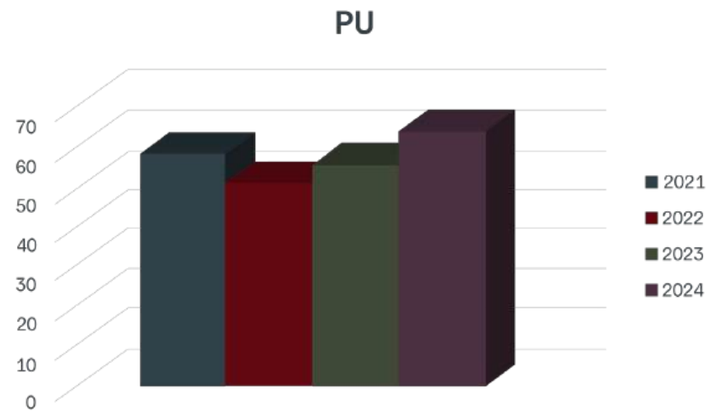
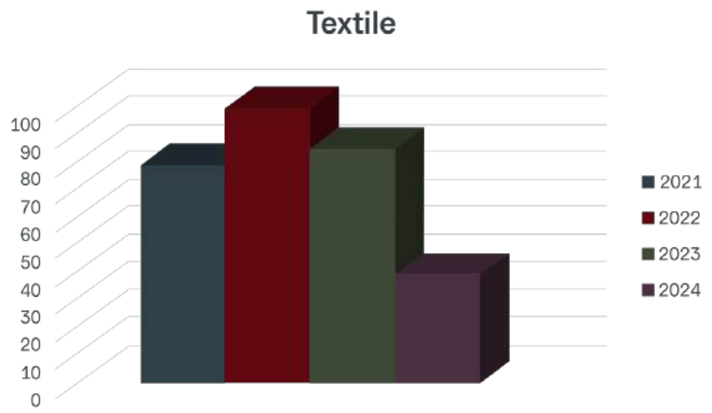
Waste Reduction

In 2024, the most significant decrease in our waste footprint was in our Supreen and textile production facility. This decrease can be directly attributed to the investment in recycling of waste yarn and fibers.

Waste (KG per 1000 Linear Yards)







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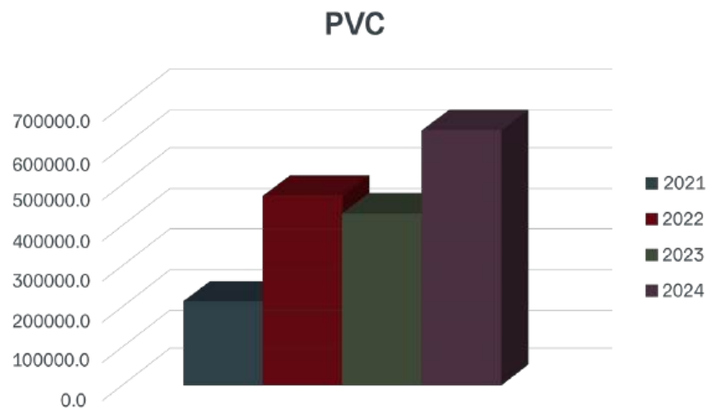
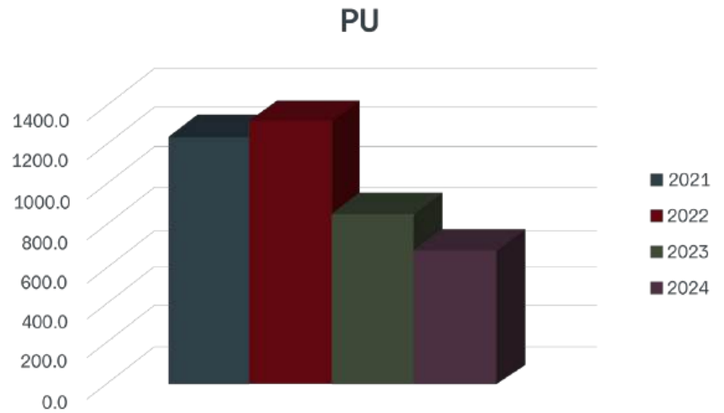
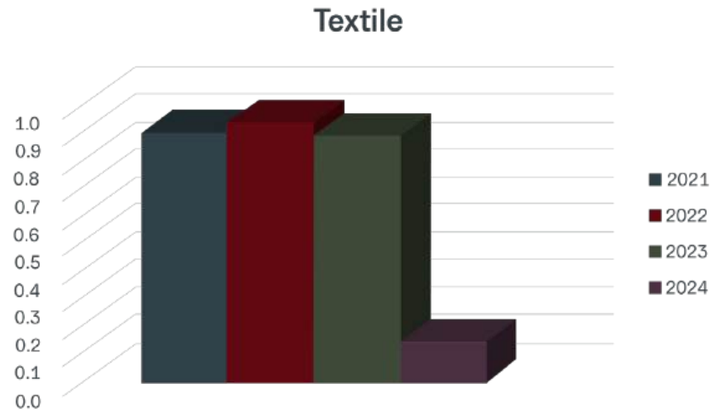
Carbon Footprint

While our carbon footprint has decreased in textile and polyurethane production in 2024, we did experience an uptick in emissions from our PVC production facility. We are still focused on our long-term carbon reduction objective and are working to implement a regenerative thermal oxidizer system that promises to reduce emissions by up to 95%.

Carbon (CO2e KG per 1000 Linear Yards)







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Next Steps

Looking Ahead

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Looking Ahead

Sustainability is not a destination. It is a continuous process of refinement, accountability, and innovation.

At Nassimi, our goal is not simply to reduce impact, but to redefine what high-performance materials can and should represent in a changing world.

We remain committed to leading this evolution with transparency, integrity, and purpose.

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