

Volume 16, Issue 94, July - August 2026

JOURNAL

KOHAN TEXTILE

MIDDLE EAST AND AFRICA TEXTILE JOURNAL



Trends Redefining Modern Living at Next Week's Intertextile Shanghai Home Textiles Autumn Edition

Page 89

**Emerging
Innovators
Find a Global
Launchpad at
ITMA 2027**

Page 6

**Ibrahim Fibres and
Trützschler: A
strong partnership
enters its next
phase with the TC
30Si**

Page 14

**Cinte Tectextil
China maps textile
future with
specialised zones and
forward-looking
fringe events**

Page 30

CONTENTS

4

Biancalani obtains a favorable first-instance judgment in China for a patent infringement case

26

Why we are launching the RE&UP Fiber Club: a collaborative path to scale

28

Inside MFJ: a guide to the latest brand highlights at Milano Fashion&Jewels



76

Syntetica Secures \$30M to Scale Mixed Nylon Textile Recycling

35

Humana Apparels Increases Capacity Utilisation by 15% and Cuts Shipment Delays with Coats Digital's FastReactPlan

40

Econogy Hub spotlights sustainable innovation at Intertextile Apparel

48

Groz-Beckert to Present Nonwovens and Knitting Innovations at CINTe Techtextil China 2026

59

Global Sourcing Expo Sydney 2026 celebrates record growth, stronger global connections and industry innovation

68

ECOS Calls for Stronger ESPR Rules to Drive Sustainable Textile Production

78

Teijin Develops New Thermosetting Carbon Fiber-reinforced Plastic Combining Self-healing Functionality with Recyclability

89

Trends Redefining Modern Living at Next Week's Intertextile Shanghai Home Textiles – Autumn Edition

SAURER.

BD 8 – Think economically.



The world's best doffer units

The outstanding semi-automatic rotor spinning machine BD 8 with the new automatic package doffer units (DU), finds its way into spinning mills worldwide. Equipped with up to four doffers, the BD 8 is providing sufficient doffing capacity even for coarse yarns. In a record time of 10 seconds, the packages are changed. Reduce your staff workload and optimise your workforce planning.

saurer.com

Biancalani obtains a favorable first-instance judgment in China for a patent infringement case

**BORN
TO BE
ORIGINAL**

Biancalani is pleased to announce that the lawsuit brought against the Chinese textile machinery manufacturer Jiangyin Yuefa Printing and Dyeing Machinery Co., Ltd. (Refatech) has resulted in a favorable outcome at first instance.

The Supreme People's Court of Wuxi, applying the Patent Law of the People's Republic of China, fully upheld Biancalani's claims and found that Refatech infringed two Chinese patents protecting Biancalani Textile Machinery's AQUARIA® technology, namely both the method patent and the machine + method patent.

The Court ordered, in the first instance:

- Immediate cessation by Jiangyin Yuefa of the production, sale, and offer for sale of the machinery found to infringe Biancalani's patents

- Payment of compensation in the total amount of RMB 2,000,000
- Reimbursement of litigation costs

The decision confirms the infringement of the following patents:

- Chinese Patent No. 202080041680.5, "Continuous Open-Width Fabric Washing Machine and Method"
- Chinese Patent No. 202080006246.3, "Machine and Method for Continuous Open-Width Washing of Fabrics"

Biancalani appreciates the work of the Wuxi court in promptly identifying the infringement and issuing its decision.

Court Orders Production and Sales to Stop

It is important to note that this is a first-instance judgment, and the defendant retains the right to appeal.

The case may therefore continue in subsequent proceedings.

Biancalani remains committed to protecting its intellectual property rights worldwide and to ensuring fair competition in the textile machinery sector.

Biancalani

TEXTILE MACHINERY

find out more

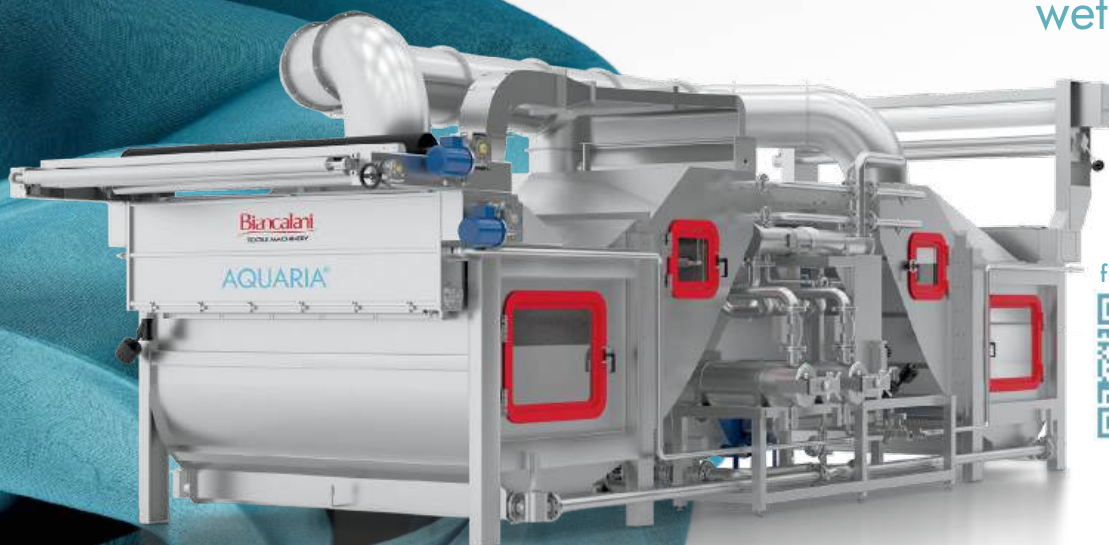


AIRO®24

Dryer for continuous and open-width tumbling treatments of woven, non-woven and knitted fabrics

AQUARIA®

Open-width continuous tumble washing range for any kind of textile wet treatment



find out more



Biancalani srl

Email: contacts@biancalani.com

Phone: +39 0574 54871

Find your local partner at
www.biancalani.com

Emerging Innovators Find a Global Launchpad at ITMA 2027

Co-creating the future of textiles



In line with the theme “Co-creating the future of textiles”, ITMA continues to strengthen its support for start-ups, recognising their role in driving innovation and shaping the future of textile and garment manufacturing.

Through the Start-Up Valley, emerging companies gain access to a global marketplace where they can connect with industry leaders, potential partners, investors and customers.

“Start-ups are an essential part of co-creating the future of textiles,” said Alex Zucchi, President of CE-MATEX.

“By bringing together innovators and industry leaders, ITMA provides the environment and opportunities needed to accelerate innovation and help promising ideas evolve into viable business ventures.”

Since its debut at ITMA 2023, the Start-Up Valley has attracted growing interest from entrepreneurial ventures worldwide.

Applications for ITMA 2027 have nearly doubled compared with the previous edition, reflecting strong demand and reinforcing ITMA's position as the world's leading marketplace for textile and garment technologies.

As preparations progress, sector planning will move into the next phase following the close of stand space applications on 8 July 2026.

Companies which submit their applications early will have greater assurance of securing exhibiting space within their relevant product sector before detailed planning gets underway.

ITMA 2027 Highlights Sustainability, Automation and Digitalization

Charles Beauduin, Chairman of ITMA Services, organiser of ITMA said: "In an era of rapid technological change, sustainability imperatives and increasing market volatility, no single organisation can shape the future alone.

Industry leaders, innovators, researchers and manufacturers must come together in Hanover to collaborate, share expertise and develop solutions that will drive the next chapter of sustainable textile manufacturing.

Such collective action is particularly important as geopolitical tensions and economic uncertainties continue to challenge global trade and investment."

Regular ITMA participant Woolmark sees ITMA as an important platform that aligns with its focus on innovation, sustainability and collaboration.

"ITMA brings together the full textile value chain. For Woolmark, it's a significant industry event that connects us with technology leaders, manufacturers and innovators shaping high-performance natural fibre production, and an opportunity to showcase the possibilities of Merino wool innovation as solutions for the journey towards a nature-positive future," said Julie Davies, General Manager, Industry Development, Woolmark.

Global Textile Leaders Prepare for ITMA 2027

Visitor interest is also expected to be strong, as textile and garment manufacturers look to ITMA 2027 to discover technologies, exchange ideas and identify solutions that can support their future business priorities.

"ITMA is where we can see the direction of the textile industry first-hand. We look forward to visiting ITMA 2027 in Hanover, where industry and textile research come together. In doing so, the trade fair creates the conditions for translating new ideas into practical applications more quickly.

For Europe – and Germany in particular – as a textile hub, ITMA serves as a key driver for the transformation of the entire value chain," said Johannes Diebel, Managing Director, Forschungsinstitut Textil e. V..

Taking place from 16 to 22 September 2027 at Messegelände Hannover, Germany, ITMA 2027 will continue to spotlight innovation across the entire textile and garment manufacturing value chain, with a focus on advanced materials, automation and the digital future, sustainability and circularity, and human-centric manufacturing.

The last ITMA exhibition was held in Milan in 2023. It featured 1,709 exhibitors from 47 countries and welcomed visitorship of more than 111,000 from 143 countries.

With demand building across sectors, interested companies are encouraged to submit their stand space applications by 8 July 2026.



Tunisia Strengthens Its Position as a Sustainable Denim Manufacturing Hub for Europe

Tunisia is reinforcing its position as one of Europe's leading denim manufacturing hubs, with local producers investing heavily in sustainable production technologies to meet increasingly stringent environmental requirements from global fashion brands and the European Union.

While Asia remains the world's largest producer of denim garments, Tunisia now supplies approximately 8% of all finished denim products imported into the European Union, benefiting from its strategic location, short delivery times, and growing reputation for high-quality, sustainable manufacturing.

European Demand Drives Sustainable Production

As European brands prepare for upcoming regulations such as the Digital Product Passport and Ecodesign for Sustainable Products Regulation (ESPR), Tunisian denim manufacturers are accelerating investments in cleaner production technologies, improved traceability, and circular manufacturing systems.

Manufacturers are now regularly audited against European standards covering environmental performance, transparency, durability, and supply chain traceability.

According to Bilel Ben Miled, Sustainability Manager at Conser Group, brands, retailers, consumers and governments are all demanding lower-impact denim products, making sustainability a competitive necessity rather than an option.

Water Recycling Reduces Consumption by 75%

One of Tunisia's leading denim manufacturers, Conser Denim Revolution (GDR), has introduced several innovations designed to significantly reduce the environmental footprint of jeans production.

The company has begun replacing traditional chemicals such as potassium permanganate and hypochlorite, commonly used to create vintage denim effects, with safer alternatives that deliver comparable visual results while minimizing environmental impact.

More importantly, the factory treats and recycles water used throughout the washing process.

Combined with modern production technologies, these improvements have reduced water consumption during denim manufacturing by up to 75% per garment, a major achievement for a country facing recurring drought conditions.





Ozone Technology Cuts Water Use by 90%

Another Tunisian manufacturer, DEMCO, has adopted ozone-based washing systems that use either ozone gas or very small amounts of ozonized water to create bleaching and fading effects on denim.

According to the company, this technology reduces water consumption by approximately 90% compared with conventional denim washing methods while maintaining the desired product quality.

The company is also incorporating sustainability into product design by selecting more recyclable materials for buttons, sewing threads and pocket linings, helping improve garment durability and recyclability.

Digital Product Passport Becoming a Competitive Advantage

Tunisia's denim sector is also preparing for Europe's upcoming Digital Product Passport, which will require brands to provide detailed information about the origin, composition and environmental footprint of textile products.

Manufacturers are already implementing digital traceability systems capable of documenting every stage of production—from cotton

sourcing and accessories to washing processes and recycled material content.

These initiatives are expected to strengthen Tunisia's competitiveness as European brands increasingly seek transparent, low-impact supply chains located close to their key markets.

Sustainability Becomes the Future of Denim Manufacturing

The transformation of Tunisia's denim industry has also been supported by UNEP's InTex Programme, funded by the European Union and the Government of Denmark, which helps textile manufacturers measure environmental impacts and identify practical opportunities for reducing their carbon, water and chemical footprints.

Industry experts believe that combining cleaner technologies, circular production models, water recycling, digital traceability and proximity to Europe positions Tunisia as one of the most attractive sourcing destinations for sustainable denim manufacturing.

As global brands continue shifting toward environmentally responsible production, Tunisia is demonstrating that competitiveness in the denim industry will increasingly depend not only on manufacturing efficiency, but also on measurable sustainability performance.

Cotton made in Africa Receives Top “Excellent” Rating from Germany’s Siegelklarheit Platform

Cotton made in Africa has received the highest possible rating of “Excellent” from Siegelklarheit, Germany’s sustainability label assessment platform, recognizing the cotton standard for its strong performance in environmental protection, social responsibility and credibility.

The evaluation places CmiA among the leading sustainability standards for cotton and textile products available on the market.

Comprehensive Review of Sustainability Labels

The latest assessment was conducted as part of a major update to the Siegelklarheit evaluation system, which has been helping consumers assess sustainability labels since 2015.

Operated by Verbraucherzentrale NRW, the platform expanded its rating system from two to five levels to provide consumers with clearer and more detailed comparisons of sustainability certifications.

The initiative is supported by the German Federal Ministry for Economic Cooperation and Development and the German Agency for International Cooperation.

Evaluation Based on International Standards

The assessment was carried out using the Sustainability Standards Comparison Tool, a methodology developed with contributions from more than 200 national and international experts representing governments, academia, standard-setting organizations, businesses and civil society.

The development of the framework also involved organizations such as the International Trade Centre and the ISEAL Alliance.





The evaluation criteria are aligned with internationally recognized agreements, including standards established by the International Labour Organization.

Strong Scores Across Key Sustainability Categories



According to the assessment:

- . 100% compliance with all minimum credibility criteria
- . 100% compliance with social responsibility requirements
- . 88% score in environmental performance

The latest result upgrades CmiA from its previous "Very Good Choice" rating to the highest possible classification of "Excellent."

Supporting Sustainable Cotton Production

Cotton made in Africa is one of the world's largest sustainability initiatives for cotton production, promoting environmentally responsible farming while improving the livelihoods of smallholder cotton farmers across Africa.

The new recognition reinforces CmiA's position as a trusted sustainability standard for brands, retailers and consumers seeking responsibly produced cotton within global textile supply chains.



Marzoli Hosts Uzbek Textile Delegation to Showcase Spinning and Sustainable Technologies

Marzoli recently welcomed a delegation representing 17 textile companies from Uzbekistan to its headquarters, reinforcing its commitment to supporting the country's growing textile industry through innovation, technology, and knowledge exchange.

The visit was hosted by Cristian Locatelli, General Manager of Marzoli, together with Giorgio Saleri, Area Sales Manager for Uzbekistan, who received the delegation at the company's Technology Accelerator Center (TAC).

Technology Demonstrations and Circular Solutions

During the visit, participants explored Marzoli's latest textile technologies in operation and examined a wide range of processed materials, including recycled fibers.

The demonstrations highlighted the company's approach to innovation, sustainability, and circular production, giving visitors first-hand insight into advanced spinning solutions.

Supporting Uzbekistan's Textile Industry

The program also featured presentations covering Marzoli's expertise in spinning technologies, nonwoven solutions, and retrofitting services.

Company representatives explained how these solutions help textile manufacturers improve productivity, operational efficiency, and sustainability while modernizing existing production facilities.

Strengthening International Cooperation

According to Marzoli, the visit provided an important platform for exchanging ideas, strengthening business relationships, and expanding cooperation with textile manufacturers from Uzbekistan.

The company also expressed its appreciation to ACIMIT for organizing the initiative and facilitating dialogue between Italian textile machinery suppliers and the Uzbek textile industry.



DESIGNED TO IMPACT

Turning advanced solutions
into strategic advantage.



Textile Engineering



Advanced
Yarns



Nonwoven
Technology



Digital
Textile



Spinning
Technology



Ibrahim Fibres and Trützschler: A strong partnership enters its next phase with the TC 30Si

For more than two decades, Ibrahim Fibres and Trützschler have grown side by side, driven by a shared ambition to continuously improve spinning performance, strengthen technology leadership and set new benchmarks in the textile industry.

Today, Ibrahim Fibres is a leading yarn and polyester staple fiber manufacturer in Pakistan.

The company operates the largest number of Trützschler cards in the country, with more than 200 machines running across its mills in Faisalabad, and plays an important role in one of Asia's largest textile industries.

As part of its ongoing drive toward

future oriented manufacturing, the company has now taken the next step by successfully integrating the latest generation of Trützschler carding technology: the TC 30Si, specifically designed for man-made fiber applications.

Outstanding production results: higher output, better quality

The TC 30Si delivers a clear performance leap for Ibrahim Fibres. Recent data collected during ongoing operation clearly demonstrate the major advantages compared to the previous card models.

In a ring spinning application, Ibrahim Fibres produced a yarn (Ne 36) from an 80% polyester / 20% viscose blend with a fiber length of 51 mm.

The TC 30Si more than doubled the production rate, while improving quality at the same time. In addition to the strong productivity increase, the TC 30Si significantly improved energy efficiency.

It reduced energy consumption per kilogram by a total of 68%, supporting more sustainable and cost-efficient production.

Similar results were achieved across other processing setups with both higher and lower yarn counts.

In all tested configurations, the TC 30Si delivered substantial increases in production rate for polyester viscose lends, combined with improved IPI values and reduced energy consumption per kilogram.

These performance gains fully align with the experience of the operating team. Tariq Nazir, General Manager of Ibrahim Fibres' Textile Plant 1, summarizes the impact: "We are very satisfied with the TC 30Si.

Our output has nearly doubled – from 30–35 kg/h to 70 kg/h – and the quality is even better at these higher production levels.

The improved quality is also well received on the market: "Our customers are very happy with the results we achieve with the TC 30Si," he adds.



Looking ahead: A partnership that continues to grow

The successful integration of the TC 30Si marks another key milestone in a long standing collaboration between Ibrahim Fibres and Trützschler.

Zafar Iqbal, General Manager New Projects, reflects: "Our twodecade partnership with Trützschler has evolved into a strong, trust based collaboration. We have operated multiple generations of Trützschler carding technology – from the TC 03 to the latest TC 30Si – which underlines our confidence in Trützschler's ability to meet our growing requirements."

The TC 30Si also supports Ibrahim Fibres' strategy for more efficient and future ready spinning operations.

As Zafar Iqbal explains: "The TC 30i truly embodies our Industry 4.0 principles.

It combines smart automation, digital connectivity and advanced monitoring features that help us modernize and optimize our production processes."

Shaping the future together

As Ibrahim Fibres continues to expand its capabilities and prepare for future industry demands, the TC 30Si provides a powerful technological foundation to stay ahead – today and in the years to come.

Wipes Leaders Advanced Their Business at the 2026 World of Wipes® Conference

The World of Wipes® (WOW) International Conference brought the global wipes industry together for four days of insights, innovation, and connections, June 29-July 2, at the Grand Hyatt Nashville, in Tennessee.

WOW featured expert-led presentations, exhibits, and the presentation of the 2026 World of Wipes Innovation Award®.

World of Wipes Innovation Award

The 2026 World of Wipes Innovation Award was presented to Rockline Industries for their First Defense™ Fentanyl Detection Wipe. In collaboration with Visual Detection Systems, Rockline developed the First Defense Fentanyl Detection Wipe, a single-use presumptive test that rapidly detects trace fentanyl through a visible color change.

Featuring specialized indicators bound to viscose fibers with a starch-based system, the wipe improves field usability and reliability.

Tested with pharmaceutical and street-grade fentanyl and other opioids, it is designed for law enforcement, first responders, military, airports, schools, and correctional facilities.

“Rockline is honored to receive the 2026 World of Wipes Innovation Award for the First Defense Fentanyl Detection Wipe.

This recognition reflects the innovation, passion, and dedication of our team to develop a first-of-its-kind solution that helps protect first responders, EMS, law enforcement, and others with a convenient, single-use product that performs effectively in real-world environments.” – Doug Cole, Vice President – Global Product Development, Rockline Industries

Fellow finalists The Clorox Company, with their Clorox™ Refreshables™, and Lenzing Fibers, Inc., with their Lenzing™ DualWipe, were also honored for their innovation and market potential. Nominations for the 2027 World of Wipes Innovation Award® will open August 7, 2026.

2026 Lifetime Technical Achievement Awards

INDA was proud to honor Tom Daugherty and Carey Hobbs with Lifetime Technical Achievement Awards, recognizing their lasting contributions to the advancement of nonwoven technologies, business innovation, and the continued growth of the industry.

“It has been a great privilege to spend nearly 45 years collaborating with so many talented individuals in this industry to improve the lives of consumers worldwide.



WOW
WORLD OF WIPES®
International Conference

THAT'S A WRAP ON THE WORLD OF WIPES® 2026!

See you in Indianapolis for WOW 2027!
June 7-10, 2027 | Indianapolis, IN

I am truly humbled to receive the INDA Lifetime Technical Achievement Award. My deepest thanks to my colleagues at P&G, partners across the supply sector, The Nonwovens Institute at NC State, the INDA community, and my wife and family for their amazing partnership.

Here's to the next generation of innovation!" – Thomas Daugherty, Associate Director, Procter & Gamble, and Deputy / Operations Director, The Nonwovens Institute (retired)

"I was shocked to learn that I'm receiving this Lifetime Achievement Award. I have devoted my professional career to making cars quieter, making jackets warmer, defending our country, and helping families enjoy quilting.

This honor humbles me and lets me know that my career has positively impacted people's lives." – Carey Hobbs, President, Hobbs Bonded Fibers (retired)

Thoughts from Wipes Leaders

"WOW brought together an excellent mix of people, ideas, and commercial opportunity. The quality of the presentations was very strong, but what stood out most was the value of the conversations — connecting with customers, suppliers, and industry leaders in a setting that was both highly engaging and commercially meaningful.

The organization of the event was excellent, and the INDA team created a professional, welcoming environment that made it easy to engage, exchange ideas, and strengthen relationships across the wipes and nonwovens industry." – Nigel Gautry, Corporate Marketing and Sales Director, Saudi German Co. for Nonwoven Products

"WOW provided a fantastic experience and a valuable opportunity to share Soane Materials' technology platform with leaders across the wipes industry.

The presentations offered meaningful insight into where the market is headed, and the networking breaks created high-value conversations around innovation and new business opportunities." – Elizabeth Huth-Helreigel, Business Development Director, Soane Materials

"WOW was a great experience from the moment I arrived.

Within the first hour, I was already connecting with industry colleagues, customers, and partners for meaningful conversations about current business trends and future opportunities.

The quality of the networking made it clear very quickly that WOW brings the right people together in one place." – Robert Langill, Senior Director Sales, Precision Concepts / Comar

"Participation in WOW26 was an energetic and highly productive event that made it possible to consolidate relationships with existing customers, develop new business opportunities and gather strategic indications on the evolution of the North American wet wipes market.

The networking was excellent, and the conversations we had with customers, partners, and industry leaders create valuable opportunities." – Michael Lynch, Director – North America, IMA Tissue & Nonwoven

WOW Program Highlights

The program featured presentations and panel discussions on:

- Consumer trends, growth opportunities, and innovations in wipes
- Standards, regulations, labeling, and policy issues
- Sustainable substrates and flushable material design
- Manufacturing, converting, and performance innovations
- Packaging sustainability and EPR requirements
- Formulation, preservation, and product development advances

The event opened with the Wipes Development Course, held June 29-30 and led by Heidi Beatty, CEO of Crown Abbey.

This 12-session course provided a comprehensive overview of wipes development, from concept to commercialization, covering materials selection, formulation design, and packaging considerations.

INDA announced that the next edition of the World of Wipes® Conference will take place June 7-10, 2027, in Indianapolis, Indiana.



Lenzing Accelerates Transformation with Focus on Nonwovens and Premium Textiles

Lenzing Group advances strategic transformation under “Grow Nonwovens, Reset Textiles” and announces measures to strengthen financial structure.

- . **Strategic focus:** Grow Nonwovens, reset Textiles, and further strengthen Pulp.
- . **Performance program:** EUR 120 mn cost savings targeted versus 2025 actuals, including EUR 45 mn already communicated, full run-rate effect by the end of 2027.
- . **Profitability and deleveraging:** Targeted EBITDA uplift of approx. EUR 150 mn with an EBITDA margin between 20-25% and leverage ratio below 2.5x in the medium term.
- . **Refinancing:** Transformation supported by shareholders and key lenders through plans for a capital increase and a new debt financing arrangement.
- . **Production footprint:** Optimization of the global fiber production network, strengthening selected core sites, including Lenzing in Austria, while phasing out production in Heiligenkreuz by the end of 2026 and Grimsby by the end of 2027.
- . **People:** Measures to be implemented responsibly, in close partnership with employee representatives and with support for affected employees.

The Lenzing Group today announced the next decisive steps in its strategic transformation: Building on measurable progress of its performance program and ongoing organizational development, Lenzing is accelerating its strategic realignment under the priorities “Grow Nonwovens, Reset Textiles”.

This strategy will be executed by the new leadership team under CEO Georg Kasperkovitz, supported by the Supervisory Board. The strengthened leadership framework with proven track record in successfully transforming companies provides the continuity, accountability, and operational focus required to deliver the next phase of Lenzing’s transformation.

The strategy is designed to improve competitiveness, profitability and return on invested capital, positioning Lenzing for long-term growth in higher-value markets.

Against an increasingly challenging market environment Seite 2 von 8 Press release for man-made cellulosic fibers and changed market dynamics, Lenzing plans to sharpen its focus on nonwovens

applications while reshaping its textiles business.

A strong innovation pipeline of proprietary next generation fiber technologies and platforms, including TreeToTextile, LENZING™ Nonwoven Technology and advanced filament solutions are intended to accelerate growth in both business areas.

The transformation includes optimization of the production footprint, a comprehensive performance program, and disciplined capital allocation to support durable margin expansion and a structurally stronger financial profile.

“With “Grow Nonwovens, Reset Textiles”, Lenzing is taking decisive steps to reposition the company for longterm success in a fundamentally changing market environment.

By combining a streamlined premium product portfolio, improved competitiveness and a strong proprietary innovation pipeline, we are creating the foundation for profitable growth and a more focused, resilient Lenzing.

At the same time, this transformation will strengthen our main production site in Lenzing, Austria, and support a sustainably profitable and competitive future for the site.,” says Georg Kasperkovitz, CEO of the Lenzing Group.

Grow Nonwovens

Capitalizing on the accelerating shift from fossil-based materials to sustainable cellulosic fiber solutions, Lenzing Group plans substantial organic growth of its nonwovens business by 2030.

Supported by robust demand for nonwoven fibers, the company committed investments of EUR 15 mn in November 2025 and an additional EUR 8 mn in June 2026 to increase its nonwovens production capacity at the Lenzing site in Austria.

The focus is on expanding the existing portfolio and developing next-generation fibers for nonwovens applications, especially in the attractive hygiene segment, supported by long-term contracts with leading companies in the nonwovens industry.

In addition, Lenzing is advancing the commercialization of LENZING™ Nonwoven Technology in collaboration with strategic partners, providing competitive and sustainable alternatives for the market. Furthermore, Lenzing is strategically upgrading its fiber production site in Mobile, USA into a state-of-the-art specialty nonwovens facility.



Reset Textiles

As the global textile fiber industry continues to quickly evolve, Lenzing aims to further sharpen its focus on differentiated, premium market segments and strategic customer partnerships, to better serve the needs of brands and retailers in Western and Asian markets even better.

With advanced fiber technologies such as TreeToTextile, next-generation flame-retardant fibers and specialty solutions, Lenzing aims to reinforce its position as a trusted partner for high-value textile applications where innovation, performance and sustainability are key differentiators.

Lenzing also plans to reduce capital employed by consolidating its production footprint and aligning its asset base with future market requirements, such as investments in additional production capacity for TENCEL™ Modal fibers, both in China and in Austria.

At the same time, Lenzing continues to gradually reduce its exposure to commodity products such as standard viscose fibers for textile applications.



Pulp & Biorefinery Products

Pulp & Biorefinery products remain a core pillar of Lenzing. Capacity debottlenecking in Brazil and Austria, together with operational improvements and energy optimization, are intended to further strengthen this profitable division and its contribution to the Group.

Sharpened performance program

Building on the progress achieved in recent years, Lenzing is sharpening its performance program to aim for EUR 120 mn in savings versus 2025 actuals, including EUR 45 mn of previously communicated personnel cost savings from predominantly administrative functions, corresponding to an approximate reduction of 600 employees.

As part of these measures, a headcount reduction of 267 was achieved in the first half of 2026, resulting in annualized savings of EUR 25 mn.

The full program is expected to reach full run-rate effect by the end of 2027. The new program focuses on a lean overhead structure and operational savings from improving site competitiveness.

Consolidation of the production footprint

As part of its transformation and product portfolio optimization, Lenzing is consolidating its fiber production footprint alongside the ongoing sale process of the Indonesian viscose site, PT South Pacific Viscose.

In addition, Lenzing plans to phase out production at its fiber plants in Heiligenkreuz, Austria by end of 2026 and in Grimsby, UK by end of 2027.

This transformation will enable Lenzing to strengthen its core manufacturing network, including the Lenzing site in Austria, while ensuring a stable and reliable supply for customers.

In parallel, Lenzing is evaluating strategic options for the affected sites, including potential divestment or other value-preserving solutions. Should no viable

outcome be achieved, Lenzing plans to implement a structured and orderly wind-down, with a strong focus on safety, supply reliability, and continuity for customers, as well as social and environmental responsibility.

For the affected employees in Heiligenkreuz, an existing social plan applies. For affected employees in Grimsby, Lenzing will engage with employee representatives and relevant stakeholders regarding appropriate support and mitigation measures.

In Indonesia, Lenzing plans to implement workforce-related efficiency measures in the third quarter of 2026, in line with local regulatory requirements, to optimize two-line operations.

CEO Georg Kasperkovitz: "We are fully aware that phasing out production at plants is a difficult but necessary decision that affects our employees. It is important to me that we act responsibly toward our employees also in this situation."

We are currently engaged in constructive discussions with employee representatives regarding the necessary measures under the existing social plans and applicable local frameworks."

Lenzing's global workforce is expected to decrease significantly from approximately 8,100 employees (7,700 FTE) at the end of 2025, until the end of 2027.

The reduction will primarily affect employees at the aforementioned sites in Heiligenkreuz (Austria), Grimsby (UK), and Purwakarta (Indonesia), as well as the previously announced reduction of 600 SG&A positions within the entire Group.

As part of the production footprint optimization, Lenzing Group expects to recognize impairment losses of the non-current assets, especially property, plant and equipment of up to EUR 150 mn in 2026.

This non-cash impairment charge is expected to negatively impact consolidated EBIT and consolidated net income in 2026, while having no impact on EBITDA in 2026.

In addition, restructuring provisions related to headcount reductions of up to EUR 40 mn are expected to negatively impact EBITDA in 2026.

Financial targets

The Company's strategic ambition is to return to revenue growth with an EBITDA uplift of approximately EUR 150 mn achieving an EBITDA margin of 20-25% and reducing leverage to below 2.5x in the medium term.

Reassuring second quarter results

The ongoing disciplined implementation of the performance program and strategic measures, especially consistent pricing measures, start to bear fruit, reflected in solid, preliminary results of the second quarter 2026.

Revenue in Q2-2026 was at EUR 652 mn, compared to EUR 651 mn in the year before (Q1-2026: EUR 616 mn).

Earnings before interest, tax, depreciation and amortization (EBITDA) increased to EUR 123 mn, after EUR 112 mn in the second quarter of 2025 (Q1-2026: EUR 116 mn). EBITDA margin improved by 2 percentage points to 19 percent in Q2-2026.

Unlevered free cash flow amounted to EUR 32 mn in the second quarter of 2026, after EUR 49 mn in the same period in the previous year (Q1-2026: EUR 66 mn).

Net financial debt decreased to EUR 1.36 bn compared to EUR 1.44 bn in the previous year.

"The positive preliminary results in the first half year of 2026 confirm that we have initiated the right measures to put Lenzing back on a profitable path.

Nevertheless, we have to continue and sharpen our performance program as well as reposition our fiber business to achieve long-term, structural profitability, targeting an EBITDA margin between 20 and 25 percent in the medium-term", emphasizes Mathias Breuer, CFO of the Lenzing Group.

Comprehensive refinancing

Lenzing's transformation is supported by its primary shareholders, B&C Group and Suzano, as well as Oberbank AG, and plans for a comprehensive refinancing agreement with its core lenders.

The company intends to strengthen its financial structure through a combination of capital increase with subscription rights amounting to up to EUR 300 mn, subject to approval at an Extraordinary General Meeting on or around August 25, 2026, as well as new financing agreements of up to EUR 300 mn and the extension of existing debt's maturity to 2030.

The capital increase is underwritten by BNP Paribas, UniCredit, COMMERZBANK, and Erste Group.

"The multi-stage financing plan enables Lenzing to strengthen its financial structure.

The comprehensive plan consists of new equity, which reduces total debt, and an expansion of the syndicated financing.

This results in a maturity profile that is well-aligned with the ongoing implementation of our strategy", says Mathias Breuer, CFO.

The refinancing is designed to provide Lenzing ample headroom to execute its strategic transformation under "Grow Nonwovens, Reset Textiles" while proactively addressing near-term maturities.

Through this transformation, Lenzing intends to strengthen resilience and profitability, focus investments on differentiated, value-adding applications, and reshape its portfolio and footprint.

This positions the company to deliver longterm value for customers, employees and shareholders, while reinforcing its role as a leading provider of sustainable, cellulose-based fiber solutions.



Italian Textile Machinery Orders

Decline in Q2 2026

In the period between April and June 2026, order intake for Italian textile machinery manufacturers showed mixed but encouraging signals for the second half of the year.

The order index at constant prices stood at 46.6 points (taking 2021=100 as the base year), showing a slight decrease of 3% compared to the same quarter of 2025.

This trend was largely due to the contraction recorded in the domestic market, which fell by 25% compared to the corresponding period of the previous year.

Looking at the overall balance sheet for the first six months of 2026, total orders posted a 4% decline compared to the first half of 2025, split between -11% in Italy and -3% abroad.

Quarter-on-Quarter Orders Show Strong Recovery

While the year-on-year comparison suffers from particularly challenging baselines, the quarter-on-quarter perspective offers a picture of strong recovery.

Compared to the first quarter of 2026 (January–March), total order intake surged by 25%, driven by a lively rebound in both domestic (+39%) and international (+23%) demand.

Production Outlook and International Market Performance

On the operational front, the total backlog accumulated by companies currently guarantees about 3.5 months of assured production, while the capacity utilization rate stood at 79.7%.

Analyzing the dynamics of individual production sectors compared to the first quarter of the year, order trends in the domestic market were growing or stationary across all segments, with sharp increases in spinning and weaving.

In international markets, positive growth prevailed particularly in the weaving, knitting, and finishing sectors.

Regarding sales forecasts for the third quarter of 2026, company expectations point to substantial stability in volumes compared to the previous period; caution prevails in the domestic market, while expectations on foreign markets are balanced between increases and decreases, reflecting cautious optimism.

Marco Salvadè, president of ACIMIT, commented:

“Despite the international uncertainty, it is comforting that the indicator, albeit slightly, is positive in the foreign market, given that about 80% of our order intake comes from international countries.

The context of the domestic market is different, as it suffers both from comparison with a positive second quarter of 2025 and from the new 2026-2028 hyper-depreciation incentive launched in June, whose effects are not yet visible in terms of investments.”



Zimmer Austria

Highlights Digital Printing and Coating Solutions for CAITME 2026



Zimmer Austria has confirmed its participation in CAITME 2026, the Central Asian International Textile Machinery Exhibition, scheduled to take place from September 8–10, 2026, in Tashkent, Uzbekistan.

The Austrian textile machinery specialist will exhibit in Pavilion 1, Booth B50, together with its regional representative, Textile Technologies & Services LLC, showcasing its latest innovations for the textile printing and coating industry.

As one of Central Asia's leading textile machinery exhibitions, CAITME serves as a key meeting point for manufacturers, technology providers, and industry professionals seeking advanced production solutions and new business opportunities.

At the exhibition, visitors will have the opportunity to meet two of Zimmer Austria's product specialists. Thomas Kloebl, Sales Director for Carpet Digital Printing Systems, will present the company's latest digital printing technologies designed for carpet manufacturers, while Bernhard Humnig, Sales Manager for Screen Printing and Coating Systems, will introduce Zimmer Austria's advanced screen printing and coating solutions for textile applications.

Advanced Technologies for Modern Textile Production

Zimmer Austria's participation reflects the company's continued focus on supporting textile manufacturers with innovative technologies that improve production efficiency, print quality, precision, and sustainability.

The exhibition provides an opportunity for industry professionals to discuss current manufacturing challenges and explore solutions tailored to evolving market requirements.

By exhibiting at CAITME 2026, Zimmer Austria aims to further strengthen its presence in the rapidly growing Central Asian textile market while expanding cooperation with manufacturers across the region.

Textile manufacturers, investors, and industry stakeholders attending CAITME 2026 are invited to visit Pavilion 1, Booth B50 to meet the Zimmer Austria team and learn more about the company's digital printing and coating technologies.



COLARIS

THE ART OF DIGITAL TEXTILE PRINTING

WEBSITE



COLARIS by ZIMMER AUSTRIA stands for premium digital printing technology designed for the world of home textiles, upholstery fabrics, terry products and interior design textiles – and now with the flexibility to extend into fashion and apparel.

It's a story of Austrian innovation, textile expertise, and color excellence – built for manufacturers who demand precision and reliability in every meter of fabric.



**HOME
TEXTILES**



**APPAREL, KNITS &
CLOTHING**



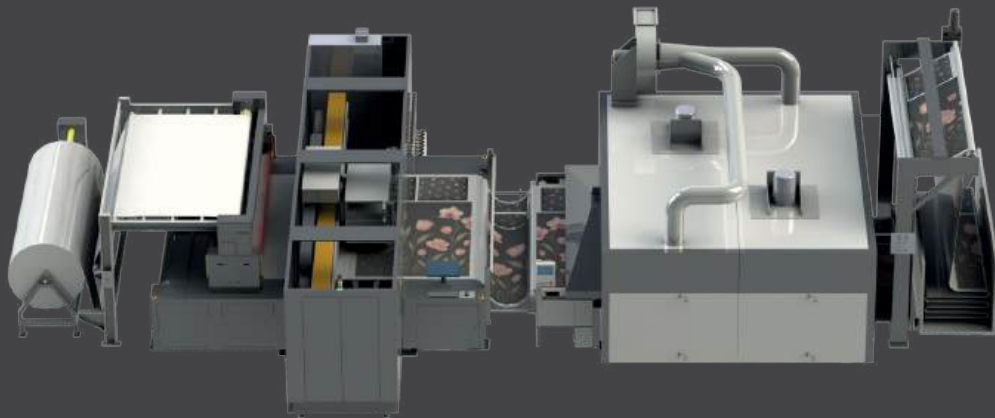
**TERRY
PRODUCTS**

WHERE INSPIRATION MEETS FABRIC

COLARIS by ZIMMER AUSTRIA redefines digital printing for home textiles, décor fabrics, and terry products – with precision, brilliancy, depth, and the power to express every detail of your design.

From luxurious towels to elegant draperies – and even creative fashion textiles – COLARIS unlocks true color freedom.

MANUFACTURED IN AUSTRIA – PROVEN ACROSS THE TEXTILE INDUSTRY



KEY FEATURES

One system, many Inks and materials

Ergonomic, intuitive, easy operation

Precise mechanics and reliable electronics

Market proven printhead technology

Minimal Ressource, maximum efficiency

Engineered for true 24/7 operation

Online diagnostic and service-support

TECHNICAL PERFORMANCE

Print widths 1800 – 2700 – 3400 mm

Up to 860 m²/h

12 individual color channels

72 FUJIFILM Dimatix StarFire™ print-heads

Versatile ink system

Eco friendly belt cleaning system

Low water & energy consumption

ZIMMER AUSTRIA DIGITAL PRINTING SYSTEMS



Eibergstrasse 2-8
6330 Kufstein | AUSTRIA



+43 (5372) 64893-0
info@zimmer-austria.com

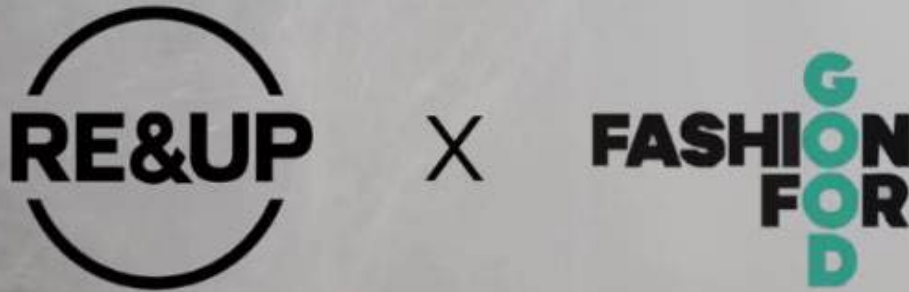
zimmer-austria.com



BROCHURE

From Home Textiles to Fashion – COLARIS delivers color without limits. ZIMMER AUSTRIA – Made in Austria

RE&UP Fiber Club



**Why we are launching the
RE&UP Fiber Club:
a collaborative path to scale**

**Built directly on the ground-breaking
consortium framework pioneered by
Fashion for Good.**

At RE&UP, we've always believed that the technology to recycle textiles is only half the battle.

The real challenge facing our industry isn't a lack of innovation – it's a lack of infrastructure and commercial alignment.

Too often, high-quality Next-Gen materials get trapped in the “pilot phase” with brands facing high production costs, low volumes, and fragmented supply chains.

We want to change that.

Today, we are proud to introduce the RE&UP Fiber Club. Built directly on the ground-breaking consortium framework pioneered by Fashion for Good, this initiative is our way of opening our active, industrial capacity to a broader collective of global brands.

How the Fiber Club rewrites the rules
In a traditional supply chain, brands source materials in isolation.

In the RE&UP Fiber Club, we aggregate that fragmented demand into consolidated, high-volume orders. By centralizing this purchasing power, we can dismantle the typical roadblocks standing in brands' way:

. Unlocking lower MOQs: By pooling orders together, brands of all sizes can access premium recycled materials that were previously out of reach due to strict volume requirements.

. Overcoming cost barriers: Consolidated volumes give us true economies of scale. This allows us to offer tiered bulk pricing, helping circular materials reach cost parity with conventional options.

. Streamlining production: No more endless R&D timelines. We offer standardized material specifications for sampling, fully integrated with a pre-vetted supply chain network.

. Closing the loop: This is a true full-circle service. Participating brands have the opportunity to funnel their own textile waste back to us to serve as the very feedstock for their future collections.

FAQs: Transitioning your brand to a circular supply chain

How can fashion brands transition from isolated next-gen material pilots to a permanent circular supply chain?

The transition is simple when utilizing a structured, risk-mitigated process. RE&UP and its Fiber Club break this journey down into four clear operational phases designed to easily integrate recycled materials at scale

Consortium structure & alignment: Establishing the framework and aligning key supply chain stakeholders.

Initial material sampling: Reviewing standardized material specifications and aligning on specific supply terms.

Pilot collection development: Designing and launching an initial commercial collection at the individual brand level.

Long-term partnership: Moving past temporary capsules by committing to long-term fiber purchase agreements at predictable, discounted rates.

Are commercial-scale, compliant circular textile solutions available for high-volume production today at RE&UP?

Yes. At RE&UP, the baseline for high-volume, compliant circular production is active and operationally ready today.

The initiative provides an immediate, plug-and-play solution for forward-thinking brands ready to stop experimenting with isolated sustainability pilots and begin scaling structural, closed-loop sourcing across their primary collections.

Can brands access premium Next-Gen materials with lower MOQs and better pricing through RE&UP and its Fiber Club?

Yes. While sourcing alternative materials independently can sometimes come with strict volume thresholds and high entry costs, RE&UP and its Fiber Club offer a cooperative framework to solve this.

By pooling demand into consolidated, high-volume orders, we unlock significantly lower Minimum Order Quantities (MOQs) and trigger competitive, tiered bulk pricing structures.

This allows brands of all sizes to easily achieve cost parity with conventional, non-circular materials.





Inside MFJ: a guide to the latest brand highlights at Milano Fashion&Jewels

Collections, ideas and inspirations for the summer, explored through MFJ's visitor itineraries.

JEWELS

**A promising season starts with the details.
Jewels from Brazil for a truly distinctive offer.**

With a tourist season ahead that promises to be dynamic and full of opportunities, every detail becomes strategic.

The holiday total look is no longer just a collection of garments, but a coherent, thoughtful and carefully curated narrative: this is where value is created, this is where desire begins.

To help you build a distinctive offer, we have selected a gallery of jewels from Brazil: special, unconventional pieces designed to bring a sense of research and authenticity into your boutique or concept store.

Original shapes, refined materials and an eye-catching aesthetic: accessories that don't simply complete an outfit, but transform it into an experience.

Explore the selection and be inspired to surprise your customers with something truly different.

APPAREL

Resort Collection: the summer season starts now.

The holiday wardrobe is built with vision and research.

An important summer season is approaching, bringing new sales opportunities and an increasingly detail-oriented customer.

Resort wear takes centre stage: lightweight, versatile collections designed to accompany every moment of the holiday, from day to night.

Not just clothing, but a true lifestyle that customers expect to find reflected in your offer.

That's why it's essential to build a proposal that is coherent, distinctive and able to express a clear aesthetic: carefully selected pieces, refined materials and silhouettes that interpret trends with personality.

In the gallery, you'll find a selection of resort collections chosen to inspire you and help define a contemporary, engaging summer offer—one that attracts and builds customer loyalty.

ACCESSORIES

The finishing touch of the Resort Collection. Bags, clutches and eyewear: the details that make the difference.

With a key summer season on the horizon, the Resort Collection is completed through details: accessories define style and make every look immediately desirable.

Bags, clutches and eyewear become essential elements, capable of transforming and enhancing every proposal.

Versatile, distinctive and often impulse-driven, they are also powerful tools for capturing attention in store.

Building an effective accessories selection means working with balance and novelty: shapes, materials and colour palettes that dialogue with resort wear while offering fresh, recognisable statements.

In the gallery, you'll discover a curated selection of resort accessories designed to enrich your assortment with contemporary, refined products with strong sales potential.

From September 12th to 14th

You will have the opportunity to experience these offerings in person and engage directly with the companies— a concrete opportunity to explore the collections in depth, build relationships, and identify firsthand the ones that best align with your selection.





Cinte Techtextil China maps textile future with specialised zones and forward-looking fringe events

As global demand for high-performance materials evolves, Cinte Techtextil China is set to steer the industry's next growth phase by driving the convergence of global expertise, specialised zones, and forward-looking tech and insights.

Building on its diverse scope, the upcoming edition will especially spotlight critical sub-sectors such as Medtech & Protech, Indutech and Buildtech.

The offering will be augmented by the well-received Mobiltech and Textile Chemicals and Dyes Zones, alongside the high-calibre German and European Zones. Beyond the booths, the fringe programme structured around four core pillars will chart a definitive roadmap for technical textiles and nonwovens.

China's technical textile and nonwovens industry continues to build positive momentum in early 2026 despite a complex external environment. According to China Customs, imports remained stable while the sector's export value reached USD 7.7 billion during the first two months of the year, a YoY increase of 17.7%.

The upward trajectory is firmly rooted in a widespread push for tech and quality upgrades, as well as more precise requirements across critical application areas, namely Mobiltech, Medtech, Protech, Indutech, and Buildtech. In 2026, Cinte Techtextil China will bring these sectors to the forefront with exhibitors such as Dawnsens New Material, Picanol NV, and Zhejiang Jinda Coating.

During the fair's networking event at Techtextil in April, Ms R.Lalitha, I.A.S., Commissioner of Textiles, State Government of Tamil Nadu, India, underscored Cinte Techtextil China's direct relevance to global demands: "The fair's focus on Indutech, Mobiltech, and Medtech aligns perfectly with Tamil Nadu's automotive and medical textile strengths.

As we encourage our industries to foray into high-value, sustainable technical textiles, this platform is vital for mutual cooperation and understanding recent developments in China. Cinte Techtextil China's fringe event themes are also highly on point, capturing where the future of textiles lies."

Specialised zones showcase growing sub-sectors and international excellence

In addition to the highly sought-after Textile Chemicals and Dyes Zone in Hall W5, the Mobiltech Zone in Hall W4 is expected to remain a top priority for global buyers.

Reflecting the soaring demand for automotive textiles, the zone has consistently attracted leading buyers such as Hyosung, Hyundai, Li Auto, Mazda, SAIC-GM, SAIC Volkswagen, Tesla, and Zeekr.

This year, one of the zone's key exhibitors will be Shanghai Shenda, whose offering comprises automotive carpets, headliners, trunks, parcel shelves, wheel arch liners, dash insulators, and related acoustic components.

Europe remains China's premier source for technical textiles, capturing a 26% share of import value in 2025.

Showcasing the continent's expertise

with their own comprehensive rosters of pioneers, the German Zone and European Zone at the Overseas Zone (W5) will attract buyers sourcing high-tech, premium solutions, connecting them directly with manufacturers who shape the future of technical textiles and nonwovens. Featured participants include:

- Groz-Beckert: the world's leading provider of industrial machine needles, precision parts, fine tools, and systems for the textile and nonwovens industries.

With a global presence and strong local expertise in China, the company supports customers across all key sectors including knitting, weaving, nonwovens, tufting, sewing, and spinning.

- Swisstulle (Qingdao): owned by Swisstulle AG, the company specialises in high-grade fabric knitting, finishing and dyeing.

Using imported raw materials and advanced Karl Mayer and Brückner machinery, Swisstulle delivers bespoke tulle across a diverse range of widths, colours, densities and styles. The company offers tailored solutions mainly serving the high-end lingerie, automotive sunshade, and home textile sectors.

Also in the Overseas Zone, the Nonwoven Federation of India (NWFII), the unified body representing the country's regional associations of spunbond nonwoven fabric manufacturers, will give fairgoers efficient access to a wide range of India's latest solutions and opportunities for collaboration.





Multi-themed fringe programme to shape industry horizons

Complementing the future-focused business exchange, the fair's fringe programme will revolve around four core pillars: Industry Insights, AI, Innovation, and Sustainability.

At the heart of Industry Insights is the annual flagship conference – China International Nonwovens Conference (CINC) – plus a series of other sessions and end-use guided tours delivering critical information.

The AI-focused events will bring together experts to share advanced models and demonstrate how AI is actively empowering textile manufacturing and supply chains.

Meanwhile, the Innovation pillar will highlight forward-thinking solutions, including exhibitor presentations and a curated project showcase from domestic and international textile students.

Catered to the rapid growth of the new energy vehicle (NEV) sector, the Mobiltech display zone will present cutting-edge and sustainable advancements in automotive textiles, showcasing key products like interior materials, lightweight composites, smart-sensing fabrics, and acoustic insulation solutions.

Moving into the Sustainability frontier, the expert-led Econogy Tours will connect buyers with a select lineup of exhibitors who have passed the

Econogy Check, providing direct insights into sustainable production practices and innovative, eco-friendly materials set to make an impact across the fairground.

The fair's product categories cover 12 application areas, which comprehensively span a full range of potential uses in modern technical textiles and nonwovens. These categories also cover the entire industry, from upstream technology and raw materials providers to finished fabrics, chemicals and other solutions. This scope of product groups and application areas ensures that the fair is an effective business platform for the entire industry.

Cinte Techtextil China will be held from 1 – 3 September 2026.

The fair is organised by Messe Frankfurt (HK) Ltd; the Sub-Council of Textile Industry, CCPIT; and the China Nonwovens & Industrial Textiles Association (CNITA).



Italian Textile Machinery Excellence Makes a Double Stop in Bangladesh

Technological upgrading and the transition toward higher value-added production are driving the new Italian industrial mission to Bangladesh.

This year, the mission will split between the country's two main manufacturing hubs, where Italian manufacturers will meet the leaders of the local textile supply chain in two strategic stages: July 7th in Dhaka and July 9th in Chittagong.

Bangladesh Strengthens Its Role for Italian Textile Machinery Exports

The double appointment shines a spotlight on a market that confirms itself as a true cornerstone for Italian exports in Asia—a geographical area that alone absorbs 40% of the sector's foreign sales, reaching a value of 667 million euros.

Bangladesh's role has grown steadily, culminating in 2025 with a turnover of 71 million euros and posting a double-digit increase (+17% compared to the previous year).

Production flexibility and the ability to create customized technological niches are the hallmarks of the roughly 300 companies making up the Italian textile machinery industry—a highly internationalized sector that exports 86% of its production to 130 countries.

ACIMIT Highlights Quality, Efficiency and Sustainability

"The 2025 figures speak clearly: the 17% growth testifies that the Bangladeshi textile industry views Italian manufacturers as an irreplaceable partner to win the global challenge of quality and efficiency," comments Marco Salvadè, President of ACIMIT.

"The decision to visit both Dhaka and Chittagong with this workshop stems from our desire to closely support the country's two industrial engines, offering tailored solutions capable of generating an immediate technological upgrade and guiding local players toward more sustainable models.

This journey also represents an ideal springboard ahead of ITMA Hanover 2027, the global stage where we will showcase the next major evolutions of our technology."

Read more: Textile Machinery: Italian Technology Charts The Course For Revival. Acimit: "Focus On Innovation And Sustainability To Win Global Challenges"

Italian Companies Joining the Workshop

The workshop—promoted by the Italian Trade Agency (ICE) and ACIMIT and organized with the valuable support of the Embassy of Italy in Dhaka—will be structured to maximize networking opportunities through targeted B2B business meetings and in-depth technical seminars in both cities. It will feature the participation of the following Italian companies:

COLOR SERVICE, CORINO MACCHINE, DANTI, DURST, L.A.I.P., LAWER, MONTI – MAC, MS PRINTING SOLUTIONS, ROJ, PENTEK, PINTER CAIPO, REGGIANI MACCHINE, SALVADE', TECNORAMA, UGOLINI.

Reju Opens First North American R&D Center to Advance Textile-to-Textile Recycling



Reju, a company specializing in textile-to-textile regeneration, has officially opened its first proprietary Research and Development (R&D) Center in Conshohocken, marking a significant milestone in the company's North American expansion and its efforts to commercialize advanced textile recycling technologies.

Located within Technip Energies' Advanced Materials and Catalysts research center, the new laboratory will support the development and industrial scale-up of Reju's next-generation circular textile solutions.

Strengthening Textile Recycling Innovation

The new R&D center also serves as the new home for Reju's core research team, which has relocated from IBM Almaden Research Center in California.

It was there that Reju's proprietary VolCat depolymerization technology was originally developed—a catalytic chemical recycling process that breaks polyester textiles

into reusable raw materials for new fiber production.

According to Gregory Breyta, the new facility will help move the technology closer to full industrial deployment.

"I'm excited to join such an innovative company and help drive this technology toward industrialization while building the infrastructure needed to enable true post-consumer textile-to-textile recycling at scale," Breyta said.

Supporting the Full Development Cycle

The Pennsylvania research center will support every stage of technology development, from early feasibility studies through kilogram-scale production trials.

Research activities will focus on:

- Polyester textile recycling
- Recycling solutions for blended fabrics
- Development of new circular chemistry pathways
- Validation of technologies for future commercial-scale operations

The facility is expected to shorten de-

velopment timelines while accelerating the transition from laboratory research to industrial application.

Read More: Reju Secures €135 Million Funding for Textile Recycling Hub in the Netherlands

Backed by Technip Energies' Industrial Expertise

By operating within Technip Energies' research infrastructure, Reju will gain access to decades of expertise in catalysis, process engineering, technology integration and industrial scale-up, helping accelerate commercialization of its recycling technologies.

Building a Global Circular Textile Network

The new U.S. R&D center forms part of Reju's broader strategy to establish a global closed-loop textile recycling ecosystem capable of converting post-consumer garments into high-quality recycled raw materials.

The facility complements Reju's expanding international network, which includes:

- Regeneration Hub Zero in Frankfurt
- Planned Regeneration Hub in Sittard
- Planned Regeneration Hub in Lacq
- Planned Regeneration Hub in Rochester

According to the company, these facilities will create a scalable and replicable circular infrastructure designed to transform today's textile waste into tomorrow's textile raw materials.

Humana Apparels Increases Capacity Utilisation by 15% and Cuts Shipment Delays with Coats Digital's FastReactPlan

Real-time planning transformation improves OTDP by 5% and boosts productivity by 8% while reducing production variability

Coats Digital is delighted to announce that Humana Apparels Pvt. Ltd., a leading outerwear manufacturer and strategic supplier to premium global brands including Hugo Boss, Marc O'Polo, Ann Taylor, and Macy's, has significantly enhanced its operational agility and delivery performance following the implementation of Coats Digital's FastReactPlan solution.

By digitising and synchronising its planning processes, Humana Apparels has improved capacity utilisation by 15%, reduced line idle time, increased productivity by 8%, and improved on-time delivery performance (OTDP) by approximately 5%, enabling faster, more confident responses to changing customer demands.

Humana Apparels Pvt. Ltd. is a joint

venture between Busana Apparel Group and Hameem Group, combining international operational expertise with advanced manufacturing capabilities in Bangladesh.

Based in Gorai, Mirzapur, Tangail, the company employs approximately 2,400 people across 28 production lines with 1,800 sewing machines, producing up to 120,000 outerwear garments per month and generating an annual turnover of around USD \$30 million.

Before implementing FastReactPlan, Humana Apparels managed production planning through multiple disconnected Excel files, emails, and manual reporting processes.

This fragmented approach made it difficult to align teams, respond quickly to order changes, or accurately balance capacity across production lines.

Planning cycles were time-intensive and often reactive, with delays in identifying production risks leading to shipment slippage, inefficient line loading, and missed delivery commitments.

Without a unified, real-time view of production status, teams relied heavily on manual follow-ups and experience-based decision-making.





ty allocation, the business has significantly reduced idle time while increasing overall throughput. Closer coordination between planning, merchandising, and production teams has also accelerated decision-making.

Suresh Pradhan, Head of Operation, Humana Apparels added: “What used to take hours of coordination now happens in minutes. Our teams are working from the same plan, adjusting in real time, and that’s made a huge difference to both efficiency and delivery performance.”

By moving to a live planning environment, Humana Apparels has shifted from static schedules to continuously optimised production flow.

Liton Das, Sr. Manager Operation, Humana Apparels said: “We were constantly piecing together information from different sources just to understand where we stood. By the time plans were aligned, the situation on the floor had often already changed.”

To mitigate these issues, Humana Apparels partnered with Coats Digital to implement FastReactPlan as part of its broader digital transformation strategy, alongside GSDCost.

The solution has enabled a fully connected planning environment, where capacity, production schedules, and order priorities are continuously synchronised.

With real-time production insight and dynamic planning capabilities, teams can respond immediately to disruptions, rebalance lines, and optimise workloads without delay.

Suresh Pradhan, Head of Operation, Humana Apparels explained: “FastReactPlan has completely changed how we plan.

Instead of reacting to issues after they happen, we can now see pressure points building and adjust before they impact delivery.”

The shift to synchronised, real-time planning has delivered measurable improvements across Humana Apparels’ operations.

With better line balancing and more accurate capaci-





Teams can now rebalance workloads as conditions change, keeping lines running efficiently and preventing bottlenecks before they escalate into delays.

This has enabled more consistent output across lines, tighter schedule adherence, and a more stable production rhythm overall.

Golam Mahub Sikder, Customer Success Manager, Bangladesh, Coats Digital, said:

“What Humana Apparels has done well is move beyond incremental improvement and fundamentally rethink how their operation runs.

By bringing GSDCost and FastReactPlan together, they’ve connected costing, capacity, and execution in a way that allows them to keep production aligned as conditions change.

In a market where volatility is the norm, that ability to continuously recalibrate — without losing control of delivery or efficiency — is what sets leading manufacturers apart.

Humana is leading the way in defining what high-performing, responsive manufacturing looks like today.”

FastReactPlan is Coats Digital’s advanced production planning solution, designed to help manufacturers synchronise demand, capacity, and production in real time.

By enabling faster decision-making and more responsive operations, it supports manufacturers in achieving greater efficiency, reliability, and agility across their supply chains.

Key Benefits and ROI for Humana Apparels

- . 15% improvement in capacity utilisation
- . Reduced line idle time across production
- . 5% improvement in on-time delivery performance (OTDP)
- . Fewer shipment delays and improved delivery reliability
- . 8% increase in productivity
- . Reduced production variability
- . Faster response to order changes and disruptions
- . Improved cross-functional alignment between planning, merchandising, and production
- . Reduced reliance on manual planning and reporting processes
- . Greater operational control and flexibility





Increase productivity by 5-10% and reduce costs without adding people or machines

Visualise capacity linked to critical paths and materials dynamically in real time using market-leading production planning and control tools.

FASTREACTPLAN™





Boost Productivity | Reduce SMVs | Improve OTDP

Drive sustainable manufacturing excellence and optimise sewing methods & standards with the globally renowned Method-Time-Cost solution, trusted by leading brands and manufacturers.

GSDCOST™

Econogy Hub spotlights sustainable innovation at Intertextile Apparel



Intertextile Shanghai Apparel Fabrics will return from 25 – 27 August at the National Exhibition and Convention Center (Shanghai), continuing to serve as a key sourcing platform for the global apparel textile industry.

Yet this sector is one that is consistently changing with the times. Against a backdrop of shifting energy markets and evolving sustainability priorities, the Autumn Edition's dedicated Econogy Hub will spotlight next-generation natural, bio-based, and recycled textile solutions that support the industry's long-term development.

Material Innovation Across the Value Chain

Across the value chain, manufacturers and brands are reassessing raw material strategies and expanding the integration of renewable and recycled inputs into mainstream production.

With synthetic fibres accounting for around 60% of global fibre consumption, diversification and material innovation are becoming central to sourcing decisions.

The industry is entering a phase characterised by upgrading, with greater emphasis placed on performance, differentiation, and supply stability.

Econogy Hub Supports Sustainable Textile Sourcing

Within this landscape, the Econogy Hub serves as a focused platform responding to the industry's evolving priorities.

Bringing together certifiers and standards organisations, fibre producers, manufacturers, mills, and technology providers, the zone highlights scalable solutions aligned with recognised sustainability frameworks.

Sustainability as a concept is increasingly linked not only to environmental responsibility, but also to operational efficiency and long-term economic viability – principles reflected across the zone's cross-sector exhibitor showcase.

The Econogy Hub underscores the connection between ecological responsibility and economic performance, highlighting how material innovation supports both environmental progress and commercial success.

Structured to facilitate direct exchange between exhibitors and sourcing professionals, the Econogy Hub forms part of Intertextile Apparel's broader sustainability framework.

Sustainable Innovations and Featured Exhibitors

Previous editions have featured innovations such as bio-based dyes, waterless dyeing technologies, advanced cellulosic fibres, bio-

based leather alternatives, and high-performance recycled yarns from established international companies including Birla, Hyosung, Lenzing, LYCRA, Nilit, and Unifi.

With its open-structured layout, dedicated seminar space, and eco-focused display areas, the Econogy Hub is designed to facilitate direct exchange between exhibitors and buyers, and forms part of the fair's broader sustainability framework.

At the upcoming edition, the zone will once again feature a strong lineup of exhibitors, including:

Haelixa AG (Switzerland): a provider of DNA-based traceability solutions enabling textile brands to verify material authenticity from fibre to finished garment. Using natural DNA markers, Haelixa supports transparent supply chains for fibres such as organic cotton and cashmere.

Its technology is used by international brands including C&A, OVS and Hugo Boss, with over 30 million garments traced in 2024.

Hong Kong ZAKER New Material Technology: specialising in advanced material innovation, the company has developed the Rborne polyurethane platform, engineered for scalable, high-performance plant-based leather applications. The solution is designed to support the transition toward bio-based alternatives while maintaining durability and production efficiency for commercial use.



Econogy Finder, Econogy Tour and Econogy Talks

Sustainability as a sourcing requirement gains more prominence with each passing season.

Which is why sustainable exhibitors across the fairground can be identified through the Econogy Finder initiative, with the number of approved suppliers increasing year on year to reach over 100 in the upcoming edition.

The programme enhances transparency and sourcing efficiency, enabling buyers to identify verified sustainable enterprises across product categories.

Also within the fair's green framework, an Econogy Tour will guide visitors to selected exhibitors aligned with evolving material and compliance priorities, while Econogy Talks will offer a series of forums and seminars for industry experts to exchange insights on related developments.

In addition, the Econogy Hub Display Area will spotlight selected sustainable products, providing a consolidated overview of material innovations presented at the fair.

Specialised Zones Across Intertextile Apparel

Beyond the Econogy Hub, Intertextile Apparel will present a comprehensive portfolio of specialised zones addressing diverse sourcing needs.

In response to growing interest in material diversification, the Premium Wool Zone will highlight high-quality wool fabrics valued for their natural performance characteristics and versatility, particularly in suiting applications.

Additional featured zones – including Accessories Vision, Beyond Denim, Essential Suits & Shirts, Functional Lab, the Innovation & Digital Solutions Zone, SalonEurope, and Verve for Design – will collectively reflect the breadth of today's apparel textile market.



How Uzbekistan Is Transforming the Global Textile Industry Through Investment and Sustainability

Over the past decade, Uzbekistan has emerged as one of the world's most dynamic textile manufacturing destinations. Through comprehensive reforms, large-scale investments, and a strong commitment to value-added production, the country has transformed itself from a major cotton exporter into a competitive textile and apparel manufacturing hub.

During this exclusive interview with Kohan Textile Journal, Iso-middin Mirzaev, Director, New Bekabad Textile LLC (under the Uzbekistan Textile and Garment Industry Association) | Founder & CEO, Global Silk Advisory, explains how Uzbekistan's vertically integrated cotton-textile

cluster model, sustainability initiatives, investment incentives, and digital transformation are reshaping the country's textile industry and creating new opportunities for international manufacturers, brands, and investors.

From Cotton Producer to Global Textile Manufacturing Hub

1. Uzbekistan has emerged as one of the fastest-growing textile manufacturing hubs in Central Asia.

In your opinion, what have been the main drivers behind this transformation?

Uzbekistan has always had a strong foundation in the textile

industry thanks to its long tradition of cotton cultivation. However, the country's real transformation began after 2017, when comprehensive economic reforms and a new industrial policy fundamentally changed the sector.

One of the most important achievements was the introduction of the vertically integrated cotton-textile cluster system, which combines the entire production chain—from cotton cultivation to finished garments. This model has significantly improved efficiency, product quality, and traceability, and has become so successful that similar approaches are now being introduced in several neighboring countries.

Another major milestone was Uzbekistan's transition to 100% domestic cotton processing.

Today, all cotton fiber is processed within the country, creating significantly higher added value and supporting the rapid growth of garment manufacturing.

Annual apparel production has increased from less than one billion pieces in 2017 to more than three billion pieces today.

Combined with strong government support, investment incentives, export promotion, and the creation of the Agency for the Development of the Light Industry, these reforms have positioned Uzbekistan as one of the fastest-growing textile manufacturing hubs in Central Asia.

2. The government has introduced several reforms to strengthen the textile sector.

Which initiatives have had the greatest impact on attracting investment and increasing competitiveness?

Several government initiatives have significantly increased the competitiveness of Uzbekistan's textile industry.

First, the creation of vertically integrated cotton-textile clusters transformed the entire production model by connecting cotton farming, spinning, weaving, dyeing, and garment manufacturing into one efficient ecosystem.

This has improved productivity, quality control, and supply chain transparency.

Second, Uzbekistan established specialized Textile Industrial Zones in key regions, offering ready-to-use infrastructure, tax incentives, preferential financing, and access to a qualified workforce.

Another important milestone was the removal of Uzbek cotton from the international boycott in 2022, followed by the launch of the Better Cotton and Better Work programs in 2023.

Together with Uzbekistan's GSP+ status, these developments have strengthened confidence among international brands and significantly improved the country's investment attractiveness.

3. Uzbekistan has traditionally been known as a major cotton producer.

How is the country progressing toward creating a fully integrated textile value chain, from fiber to finished garments?

Uzbekistan has successfully transformed itself from a raw cotton exporter into a country that creates value throughout the entire textile production chain.

Today, Uzbekistan processes 100% of its cotton domestically, making it one of the few countries in the world to fully utilize its cotton resources for local manufacturing.

This has encouraged investment in spinning, weaving, dyeing, and garment production while significantly increasing exports of finished textile products.

The cotton-textile cluster system allows many companies to control every stage of production—from cotton fields to finished apparel—ensuring traceability, quality, and faster response to international buyers' requirements.

As a result, Uzbekistan is increasingly recognized not simply as a cotton producer, but as a reliable manufacturer of high value-added textile and apparel products.



Export Markets, Sustainability and Investment Opportunities

4. What are the biggest export markets for Uzbek textile and apparel products today, and which new international markets offer the greatest growth potential?

Today Uzbekistan exports textile products to more than 80 countries worldwide.

The CIS region remains our largest export destination, the European Union, Türkiye, and the Middle East are becoming increasingly important markets.

Duty-free access through the EU's GSP+ program and the CIS Free Trade Zone gives Uzbek manufacturers significant competitive advantages.

Looking ahead, we see strong growth potential in Europe, par-

ticularly as international brands continue to diversify their sourcing strategies and seek reliable manufacturing partners that combine competitive costs with sustainability and compliance.

5. Sustainability is becoming increasingly important across the global textile industry. How are Uzbek manufacturers adapting to international sustainability standards and environmental requirements?

Sustainability has become one of the key priorities of Uzbekistan's textile industry.

Following major labor reforms, Uzbekistan was officially recognized in 2022 as being free from systemic forced labor, while Better Cotton and Better Work programs were launched to strengthen sustainability and working conditions across the sector.

These reforms have also been

recognized by the International Labour Organization and other international institutions.

Many manufacturers are certified under internationally recognized standards including OEKO-TEX®, BSCI, WRAP, Sedex, ISO 14001, GOTS, Organic Cotton Standard, and EU Organic Certification.

Uzbekistan is also becoming an increasingly important supplier of organic textile products.

These efforts are helping Uzbek companies meet the sustainability expectations of global brands while improving their international competitiveness.

6. What opportunities do you see for foreign companies interested in investing in or partnering with Uzbekistan's textile industry?

Uzbekistan is one of the most promising investment destinations for the textile industry today.

With a population of more than 38 million—the largest in Central Asia—the country offers both a strong domestic market and an abundant workforce.

At the same time, investors gain access to duty-free export opportunities through the EU's GSP+ and the CIS Free Trade Zone.

The government actively supports foreign investors throughout the implementation of their projects by providing infrastructure, financial incentives, assistance in attracting foreign

UZBEKISTAN TEXTILE INDUSTRY

Investment, Sustainability
and Future Growth



experts, and support for participation in international exhibitions and trade fairs.

For investors looking for long-term manufacturing opportunities, Uzbekistan offers a complete ecosystem—from raw materials and industrial zones to export support and reliable government partnership.

Challenges, Digitalization and the Future of Uzbekistan's Textile Industry

7. What are the biggest challenges currently facing the Uzbek textile sector, and how can they be addressed over the next few years?

Like any rapidly developing industry, Uzbekistan's textile sector continues to face several important challenges.

Our priority is to further increase exports of finished garments with higher added value rather than semi-finished products.

At the same time, continued investment in digital technologies, workforce development, sustainability, and product quality will be essential.

8. Digitalization, automation, and smart manufacturing are reshaping textile production worldwide. How do you see these trends influencing Uzbekistan's textile industry?

Digitalization and automation are becoming key drivers of the next stage of Uzbekistan's textile development.

Many manufacturers are investing in modern production equipment, automated manufacturing lines, ERP systems, and digital quality control solutions to improve effi-

ciency, reduce costs, and meet international buyer requirements.

Looking ahead, digital transformation will also strengthen sustainability by improving resource efficiency, enhancing traceability, and supporting better quality management.

These priorities are fully aligned with Uzbekistan's long-term strategy for developing a modern, globally competitive textile industry.



9. Finally, what message would you like to share with international textile manufacturers, investors, and buyers who are considering Uzbekistan as their next business destination?

My message is simple: now is the right time to discover Uzbekistan. The country offers a strong investment climate, a reliable raw material base, a skilled workforce, and full government support for investors.

We are seeing growing interest from international brands and manufacturers, and I believe this trend will continue.

For companies considering Uzbekistan, having a reliable local partner is equally important. At Global Silk Advisory, we help foreign businesses understand the market, find the right partners, communicate with government institutions, and support projects from the initial idea to successful implementation.

Uzbekistan is open for business, and we welcome everyone who wants to build long-term partnerships with our textile industry.



Rieter Launches ‘Recycling Powerhouse’ to Scale Textile Recycling Worldwide, with Qatar Chosen for First Industrial Hub

Swiss-led venture aims to build a global network of textile recycling plants through a franchise model, with Qatar becoming the first reference site in 2027

The textile industry is entering a new phase in its transition toward circular manufacturing. Swiss textile machinery leader Rieter has announced the launch of Recycling Powerhouse Ltd., a new venture designed to industrialize textile recycling on a global scale through standardized technologies, certified recycled yarn production, and a franchise-based business model.

Headquartered in Switzerland, Recycling Powerhouse brings together three technology leaders across the textile value chain:

- Rieter Group, specialist in spinning technologies.
- Sântis Textiles, a Swiss textile engineering company.
- Valvan Technologies, Belgium’s leading provider of automated textile sorting systems.

The initiative addresses one of the industry’s biggest challenges: despite growing sustainability commitments, less than 1% of used textiles are currently recycled into new textile products, largely due to technological limitations, inconsistent quality, and fragmented recycling practices.

Qatar Selected as the First Industrial Blueprint

One of the most significant aspects of the announcement is the selection of Qatar as the location for the world’s first Recycling Powerhouse franchise facility.

The industrial-scale recycling plant is scheduled to begin operations in early 2027 in partnership with Suhail Industrial Holding Group, marking the company’s entry into textile recycling after establishing a strong position in metal, stainless steel, plastic, and industrial recycling across the Middle East.

According to the partners, the Qatar facility will serve as the global blueprint for future franchise operations and demonstrate that textile-to-textile recycling can become both commercially viable and scalable.

Franchise Model Designed for Global Expansion

Unlike traditional machinery suppliers, Recycling Powerhouse will function as a global franchisor and systems integrator.

Franchise partners will receive:

- Standardized recycling technologies
- Engineering expertise
- Operational procedures
- Digital management solutions
- Technical training
- Auditing and certification services
- End-to-end traceability systems

Recycled yarns produced by franchisees will be marketed under a common brand while maintaining internationally verified quality standards.

Rieter Brings Advanced Fiber Recovery Technology

Rieter contributes one of the project's key technologies: its expertise in fiber tearing and short-staple spinning.

The company's tearing technology converts textile cutting waste into reusable fibers while preserving fiber quality far better than conventional recycling methods—a critical requirement for producing premium recycled yarns at industrial scale.

Combined with Rieter's complete spinning systems, the technology aims to bridge one of the industry's major technical barriers to high-quality textile recycling.

AI-Based Sorting Powers the Recycling Process

Belgium-based Valvan Technologies will provide advanced automated textile sorting solutions, including its well-known Fibersort system, which uses artificial intelligence to identify textiles based on fiber composition and color.

The company will also supply Trimclean, a system developed to prepare textile clips before fiber opening, improving recycling efficiency and material quality.

Industry Leaders See Circularity as a Growth Opportunity

Noel Norking, Managing Director of Recycling Powerhouse, said the company's mission is to make textile recycling "simple, scalable and accessible to investors," transforming the industry's sustainability challenges into commercial opportunities.

Thomas Oetterli, CEO of Rieter Group, added that the venture combines advanced spinning technology, recycling expertise, and traceability solutions to unlock new business opportunities across machinery sales,

engineering services, recycling technologies, and recycled yarn markets.

Why the Middle East Matters

The selection of Qatar highlights the growing strategic importance of the Middle East in the global circular textile economy.

Suhail Industrial Holding Group, headquartered in Qatar, has built its reputation as one of the region's leading industrial recycling companies, specializing in processed non-ferrous metals, stainless steel, and plastic products.

With a diversified industrial network and extensive export operations, the group is now leveraging its industrial capabilities to become a global leader in textile recycling, making the partnership with Recycling Powerhouse a natural extension of its sustainability strategy.

For textile manufacturers and investors across the Middle East and Africa (MEA), the Qatar project represents more than a pilot facility.

It demonstrates that industrial-scale textile recycling is becoming a commercially viable investment model capable of supporting regional circular economy ambitions while creating new opportunities in recycled yarn production.



Groz-Beckert to Present Nonwovens and Knitting Innovations at CINTe Techtextil China 2026

From September 1 to 3, 2026, Groz-Beckert will present its latest innovations and solutions across the product areas of Nonwovens and Knitting at CINTe Techtextil China. (Hall W5, Booth A01)

Nonwovens

In the Nonwovens product area, Groz-Beckert will present its latest innovations. One of the highlights is the advanced Litespeed™ felting needle designed to significantly reduce insertion and removal times, thereby simplifying handling and increasing operational efficiency.

Furthermore, the newly developed CB-Barb felting needle will be part of the showcase. For the Nonwovens Carding segment, Groz-Beckert will introduce its specialized Mounting Service.

The portfolio is complemented by the innovative Siro-Lock™ plus wires from the Groz-Beckert InLine card clothing family.

These products are designed to deliver high levels of precision, performance and reliability throughout the carding process.

Knitting

In the Knitting product area, Groz-Beckert will present its expanded product portfolio for the warp knitting industry.

The extended range of modules offers high levels of pre-

cision, stability and efficiency during the loop formation process.

With its comprehensive product portfolio, Groz-Beckert provides customers with integrated and precisely coordinated solutions from a single source.

This approach simplifies procurement and production processes, reduces coordination effort and ensures that all components are optimally matched for reliable machine performance.





Groz-Beckert is your everyday companion

Our precision tools serve the textile world. With the help of our around 70,000 products and comprehensive services that support the knitting, weaving, nonwovens, tufting, sewing and spinning industries, textiles are created that are indispensable for our daily life: from clothing or carpets to technical textiles for vehicles or the medical sector.

170 years after its founding, Groz-Beckert is based on the Swabian Alb and yet at home everywhere in the world. At our headquarters in Albstadt, we currently employ over 2,200 of our approximately 9,500 employees.

Sharing challenges and making progress together.

www.groz-beckert.com

GROZ-BECKERT

Senegal Opens \$10.45 Million Textile Factory

Turkish investment strengthens West Africa's cotton value chain



FROM COTTON
TO CLOTHING



VALUE ADDITION
JOBS & EXPORTS



SENEGAL-TURKEY
STRONG PARTNERSHIP

Senegal has taken another significant step toward industrializing its textile sector with the inauguration of a \$10.45 million garment manufacturing facility in the Diamniadio Industrial Park, backed by Turkish investor AVCI Global Industrie.

The project reflects the country's growing ambition to shift from exporting raw cotton to developing a competitive, value-added textile and apparel industry.

Officially inaugurated by President Bassirou Diomaye Faye on June 20, the factory represents an investment of 6 billion CFA francs (approximately US\$10.45 million) and is expected to manufacture around 1,200 garments per day, while creating nearly 200 direct jobs.

The facility produces both men's and women's apparel and forms part of Senegal's broader industrial development strategy under the country's long-term "Senegal 2050" vision.

The investment follows a cooperation agreement signed in February 2025 between Senegal's Ministry of Industry and Commerce, the Agency for the Development and Promotion of Industrial Sites (APROSI), and AVCI Global Industrie.

The partnership aims to attract foreign direct investment while expanding domestic manufacturing capacity and strengthening industrial ecosystems.

Adding Value to Senegal's Cotton Industry

Although Senegal produces cotton, most of its fiber continues to be exported without further processing, limiting local value creation and industrial employment.

According to projections from the United States Department of Agriculture (USDA), Senegal is expected to produce approximately 55,000 bales of cotton fiber (around 12,500 metric tonnes) during the 2026/27 season.

However, only about 3.6% of this production is currently processed domestically, highlighting the country's considerable opportunity for industrial expansion.

The new textile facility is designed to help bridge this gap by increasing local garment manufacturing and encouraging stronger integration between cotton farming, textile processing, and apparel production.

Turkish Investment Expands Across Africa

The Diamniadio project also illustrates the growing role of Turkish companies in Africa's industrial development.

Over recent years, Turkish investors have expanded their presence across manufacturing, construction, energy, transportation, and infrastructure projects throughout the continent.

In Senegal, the AVCI Global Industrie investment demonstrates how international partnerships can contribute technology, industrial expertise, and export-oriented manufacturing capacity while supporting local employment and skills development.

Export Opportunities Through ECOWAS and AfCFTA

Located near Dakar, the Diamniadio Industrial Park is strategically positioned to serve both domestic and regional markets.

With access to the Economic Community of West African States (ECOWAS) market of more than 400 million consumers, Senegalese manufacturers have increasing opportunities to expand exports across West Africa.

In addition, the implementation of the African Continental Free Trade Area (AfCFTA) is expected to further strengthen intra-African textile trade and regional manufacturing integration.

Challenges Remain Despite Strong Potential

Despite growing investment, Senegal still imports substantially more apparel than it exports.

According to Senegal's National Agency for Statistics and Demography (ANSD), the country imported approximately 19.45 billion CFA francs (US\$34 million) worth of clothing and apparel accessories in 2024, while exports reached only 1.62 billion CFA francs (US\$2.83 million).

Expanding domestic textile production will therefore require continued investment in skilled labor, energy infrastructure, logistics, financing, and stronger supply chain integration.

Industry observers believe that projects such as the Diamniadio textile factory represent an important milestone rather than a final destination.

The long-term success of Senegal's textile industry will depend on developing a fully integrated cotton-to-clothing value chain capable of competing in regional and international markets while generating sustainable employment and economic growth.



Global Textile Machinery Shipments shrunk in 2025, except for spinning

In 2025, global shipments of new short-staple spindles and open-end rotors increased by +3.3% and 3.5%, respectively (year-on-year).

Deliveries of long-staple spindles decreased by -42%. The number of draw-texturing spindles delivered dropped by -23% and shuttle-less looms shipped by -28%.

Shipments of large circular knitting machines deteriorated by -13% and shipped flat knitting machines registered a -22%-decrease.

The sum of all deliveries in the finishing segment slightly rose by +8%.

These are the main results of the 48th annual International Textile Machinery Shipment Statistics (ITMSS) just released by the International Textile Manufacturers Federation (ITMF).

The report covers six segments of textile machinery, namely spinning, draw-texturing, weaving, large circular knitting, flat knitting, and finishing.

A summary of the findings for

each category is presented below.

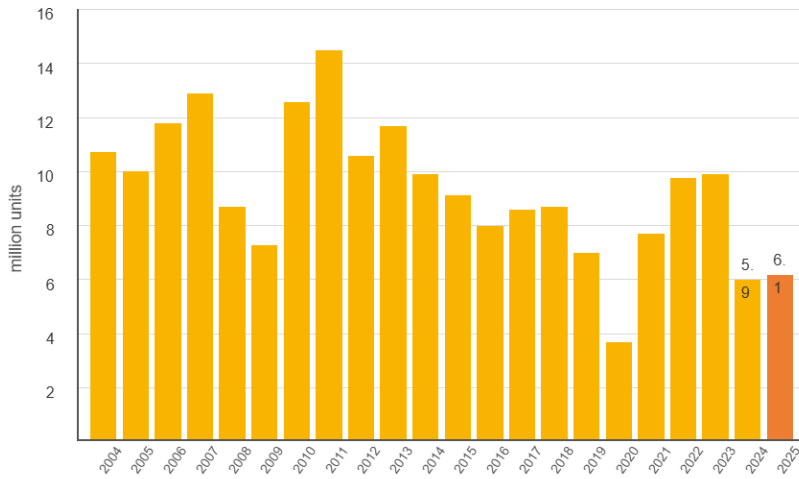
The 2025 survey has been compiled in cooperation with more than 200 textile machinery manufacturers representing a comprehensive measure of world production.

Spinning Machinery

The total number of shipped short-staple spindles increased by 195K units in 2025 to a level of 6.11 million (see Graph 1).

Most of the new shipments went to Asia & Oceania (95%) where deliveries grew by 8.5% compared to 2024.





Shipment to Africa, Europe (incl. Türkiye), and South America decreased by -46%, -33%, and -19%, respectively. Deliveries only increased for destinations in North and Central America (+264% to 77K).

The six largest investors in the short-staple segment were China, India, Bangladesh, Indonesia, Uzbekistan, and Pakistan.

645K open-end rotors were shipped worldwide in 2025.

This represents about 50K units more than recorded in 2024. 94% of global shipments went to Asia & Oceania where deliveries increased by +9% to 607K.

China, India, and Vietnam were the world's 3 largest investors in rotors and saw increased investments of +4%, +12% and +17%, respectively.

Deliveries increased in all major destination countries except for Türkiye and Bangladesh, the 6th and 7th largest destinations in 2025, where shipment dropped by -78% and -55% compared to 2024.

Global shipments of long-staple (wool) spindles decreased to 90K units in 2025 (-31%).

This negative effect was driven by suppressed deliveries to Asia and Oceania where 76K units were shipped, about 55% of 2023's deliveries. 46% of total deliveries were shipped to China, 19% to India, and 16% to Iran.

Texturing Machinery

Global shipments of single heater draw-texturing spindles (mainly used for polyamide filaments) decreased by

-21% from nearly 83K units in 2024 to 65K units in 2025.

With a share of 97.6%, Asia & Oceania remained the strongest destination for single heater draw-texturing spindles in 2025.

China, Indonesia, and Chinese Taipei were the 3 main investors in this segment with shares of global deliveries of 92%, 2%, and 1.4%, respectively.

In the category of double heater draw-texturing spindles (mainly used for polyester filaments), global shipments decreased by -22% to a level of 743K units.

Asia's share of worldwide shipments remained at 98% and China continued to be the world's largest investor, accounting for 93% of global shipments.

Weaving Machinery

In 2025, global shipments of shuttle-less looms decreased by -27.5% to 164K units. Deliveries in all categories decreased.

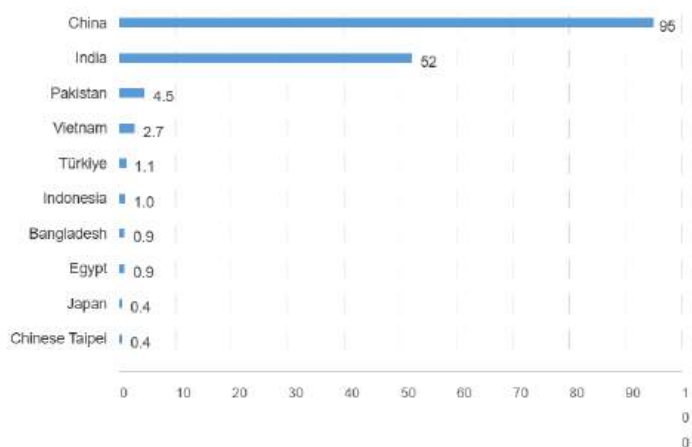
Air-jet looms dropped by -6%, rapier and projectile looms by -18%, and water-jet looms by -38% to 54.6K, 20.5K and 88.5K, respectively.

The main destination for shuttle-less looms was Asia & Oceania with 95% of worldwide deliveries.

98%, 89%, and 98% of global air-jet, rapier/projectile, and water-jet looms were shipped to the region, respectively.

The main investor in air-jet and water-jet looms was China (see Graph 2), where shipment decreased by -32% (air-jet) and -57% (water-jet).

The main investor in Rapier and projectile looms was India, with a 21% increase in deliveries in 2025.



Participating companies reported mixed results for all other machines in this category (decrease of -75% for Singeing lines and an increase of +24% for Mercerizing lines).

In the “fabrics discontinuous” segment, the number of “Overflow Dyeing” shipped in 2025 increased by -30% to 2.9K units.

Deliveries of “air jet dyeing” and “Jigger Dyeing / Beam Dyeing” dropped by -0.6% to 902 units and 28% to 269 units, respectively.

Circular & Flat Knitting Machinery

Global shipments of large circular knitting machines decreased by -13% to 24.5K units in 2025.

Asia & Oceania was the world’s leading investor in this category with 86% of global shipments.

China was the favoured destination with 53% of all deliveries (11.7K units), an increase of +9% compared to 2024. India and Vietnam ranked second and third destinations with 4.1K and 1.8K shipped units, respectively.

The number of shipped electronic flat knitting machines decreased by -21% to 106K machines in 2025.

The fall was driven by Asia & Oceania, which received 93% of world shipments, despite ordering 24% less machines compared to 2024. Deliveries to all other regions increased.

China remained the world’s largest investor with an 66%-share of total shipments.

Finishing Machinery

In the “fabrics continuous” segment, the number of shipped stenters increased by +3% from 2.2K units in 2024 to 2.3K units in 2025.

This number includes an estimate for the total number of stenters shipped by companies which have not participated to the ITMF survey.



Africa Must Invest Across Entire Textile Value Chain, Says New ITRC Report



Africa's textile industrialisation will only achieve long-term success if investment extends across the entire cotton-to-clothing value chain, according to a new report released by the International Trade and Research Centre (ITRC's Africa CTA Centre).

The report urges African countries to move beyond exporting raw cotton and instead develop integrated capabilities in spinning, weaving, fabric processing, dyeing, finishing and apparel manufacturing to unlock greater economic value under the African Continental Free Trade Area (AfCFTA).

Building a Complete Textile Ecosystem

According to the ITRC, Africa's strong cotton production has not translated into a competitive textile industry because investment has largely focused on isolated factories rather

than creating a connected industrial ecosystem.

The report argues that fragmented investment has limited value addition and reduced the continent's ability to compete in global textile and apparel markets.

Instead, the blueprint recommends coordinated investment strategies that link every stage of textile production—from raw cotton to finished garments.

Industrial Clusters and Modern Manufacturing

The report highlights the need for the development of integrated textile industrial clusters supported by modern manufacturing technologies and sustainable production practices.

Key recommendations include:

- Expanding spinning, weaving and garment manufacturing capacity
- Investing in modern textile ma-

chinery

- Adopting resource-efficient dyeing and finishing technologies
- Strengthening regional transport and logistics infrastructure
- Improving cross-border trade under AfCFTA
- Utilizing the Pan-African Payment and Settlement System (PAPSS) to simplify regional transactions

These measures, the report says, would help create a more resilient and competitive African textile industry.

AfCFTA Creates New Growth Opportunities

The ITRC believes the implementation of AfCFTA provides a unique opportunity for African countries to strengthen regional textile value chains, increase intra-African trade and reduce dependence on imported textiles and apparel.

By developing an integrated manufacturing ecosystem, African producers can generate higher-value exports, create employment and retain more economic value within the continent.

"The future of Africa's textile industry will be built by an ecosystem of investments working together to transform African cotton into African industry, African exports and African prosperity," the report concludes.

Pre-Cleaner CL-X: Proven in Cotton Cleaning

– Creating Value Beyond the Spinning Mill



Since its market launch, the CL-X has firmly established itself in blowroom lines worldwide.

Hundreds of installations confirm its ability to deliver superior cleaning efficiency, lower waste, higher productivity and significant energy savings.

Now, new customer applications show that the CL-X not only continues to excel in spinning preparation – it is also entering a completely new field of application: ginning.

Opening up new potential in ginning

Cotton gins perform the very first industrial processing step of cotton.

Seed cotton arrives directly from the field and must be dried, cleaned and separated into three components: cotton fibers, cotton seeds and waste.

While the fibers are pressed into bales for spinning mills, the waste fraction is sold separately – often still containing a considerable share of usable fibers.

In conventional ginning processes, this waste can contain up to around 0,8% good cotton fibers.

These fibers still have value, but they are transported and sold in mixtures with trash, resulting in lower prices and unnecessary logistics costs. This is where the CL-X comes into play.

Installed directly downstream of the ginning machine, the CL-X enables significantly more effective fiber recovery.

Thanks to its precise cleaning action, usable fibers are separated more efficiently from trash before shipment.

The result: higher fiber yield, less waste volume – and greater economic value from the same amount of raw cotton.

Success story from Brazil

A Brazilian customer has now successfully implemented this concept.

In a ginning operation processing around 500,000 tons of cotton per year, approximately 60% – or 300,000 tons – is typically separated as cotton seeds and waste during the cleaning process.

Within this portion, approximately 4,000 metric tons (or 0.8%) of the waste consists, among other things, of high-quality fibers that should be separated, as they would otherwise be lost at this stage of the process.

By integrating the CL-X into the ginning process, the customer was able to further separate the ginning waste, splitting it into real waste and usable fibers that can be recovered at this early stage.

This resulted in a significantly higher share of high-quality, marketable fibers, which in turn reduced the amount of waste that needed to be transported.

In addition to lower logistics costs, the customer benefits from substantially better prices for the recovered fibers.

Convinced by the results, the Brazilian ginnery has already placed follow-up orders for four additional CL-X machines for its ginning operations – a strong endorsement of the concept's economic and technological potential.



the CL-X led to 80% less waste, around 30% lower energy consumption and noticeably higher yarn quality downstream.

In addition, the blowroom operation became more stable and efficient. Where two machines had previously been required, one CL-X now handles the cleaning task alone, setting a new benchmark for both productivity and simplicity.

Encouraged by these results, the customer has already decided to upgrade its blowroom line with further CL-X machines.

Smart technology, strong cleaning performance

The technological foundation for these results in spinning preparation and ginning is the CL-X's advanced cleaning concept. At its core is the proven WASTE-CONTROL system, which continuously monitors trash content and raw material quality by using real-time data.

When too many good fibers are detected in the waste, the system automatically suggests an optimized setting to minimize fiber loss – ensuring consistently high cleaning performance and maximum fiber yield across varying conditions.

One machine, multiple opportunities

From spinning preparation to ginning, the CL-X once again proves why it has become a benchmark in cotton cleaning. Its ability to deliver measurable economic, quality and sustainability benefits – even in entirely new applications – demonstrates the strength of its underlying concept and how smart pre-cleaning technology continues to unlock new potential along the entire cotton value chain.



This application clearly demonstrates how CL-X performance can create added value well beyond the spinning mill.

Confirmed excellence in spinning preparation

While the ginning application highlights the CL-X's versatility, new results from spinning mills further confirm its leadership in established use cases.

In Vietnam, a customer compared the CL-X with the previous pre-cleaning solution under identical production conditions. The CL-X reduced waste by approximately 0.5% to 0.8% in total while simultaneously improving yarn quality.

These improvements led to enhanced efficiency on the customer's rotor spinning operations, reduced material loss and a more consistent yarn output.

At the same time, power consumption dropped by around 40%, resulting in substantial energy savings, lower operating costs and a clear sustainability benefit.

The customer reports high satisfaction, particularly with the machine's operational stability and output quality.

Equally impressive results were achieved at a Turkish spinning mill processing 100% cotton at 1,100 kg/h. Replacing a competitor machine with

Prestige Denim Mills to Invest \$20 Million in New Egypt Denim Plant

Prestige Denim Mills, one of India's textile manufacturers, has announced a US\$20 million investment to establish a new denim fabric manufacturing facility in West Qantara Industrial Zone, becoming the first Indian investor in the industrial zone.

The project was announced by the Suez Canal Economic Zone, which said the investment reflects growing international confidence in Egypt's expanding textile manufacturing sector.

Integrated Denim Production Facility

The new factory will be built on a 100,000-square-meter site and is expected to create approximately 1,000 direct jobs.

According to SCZONE, the plant will have an annual production capacity of 20 million meters of denim fabric and will integrate weaving, dyeing and finishing operations within a single manufacturing complex.

Approximately 70% of production will be exported to international markets, while the remaining output will supply Egypt's domestic textile industry.



Investment Agreement Signed at SCZONE Headquarters

The investment agreement was signed at SCZONE headquarters in New Administrative Capital in the presence of Waleid Gamal El-Dien.

Commenting on the project, Gamal El-Dien said the investment represents the first Indian manufacturing project in the West Qantara Industrial Zone and further strengthens the growing economic partnership between Egypt and India.

He added that ongoing investments in infrastructure and industrial development have significantly enhanced the attractiveness of the zone for textile and apparel manufacturers.

Egypt Strengthens Textile Investment Hub

According to SCZONE, cumulative investments in textile and ready-made garment projects within the West Qantara Industrial Zone have now exceeded US\$1 billion.

The latest investment reinforces Egypt's strategy of positioning the Suez Canal Economic Zone as a regional manufacturing and export hub for the global textile and apparel industry.

Global Sourcing Expo Sydney 2026

celebrates record growth, stronger global connections and industry innovation

Global Sourcing Expo Sydney has concluded another outstanding edition, welcoming more than 6,500 visitors to the International Convention Centre Sydney from 16–18 June 2026 and recording a 20% increase in attendance compared with 2025.

Held alongside the China Clothing Textiles Accessories Expo, the event once again reinforced its position as Australia's leading international sourcing platform for three days of business, learning and collaboration.

With more than 20 exhibiting countries represented across the exhibition floor, visitors had the opportunity to connect directly with manufacturers and suppliers from around the world, explore new products and innovations, and build meaningful business relationships that will shape future sourcing strategies.

Each year, Global Sourcing Expo Australia delivers two major editions across Sydney and Melbourne, connecting international manufacturers, service providers and fashion labels with wholesalers, retailers, department stores, manufacturers and industry professionals from across Australia and beyond.

Recognised as one of the region's premier sourcing events, the Expo provides unparalleled access to some of the world's most innovative and inspiring suppliers.

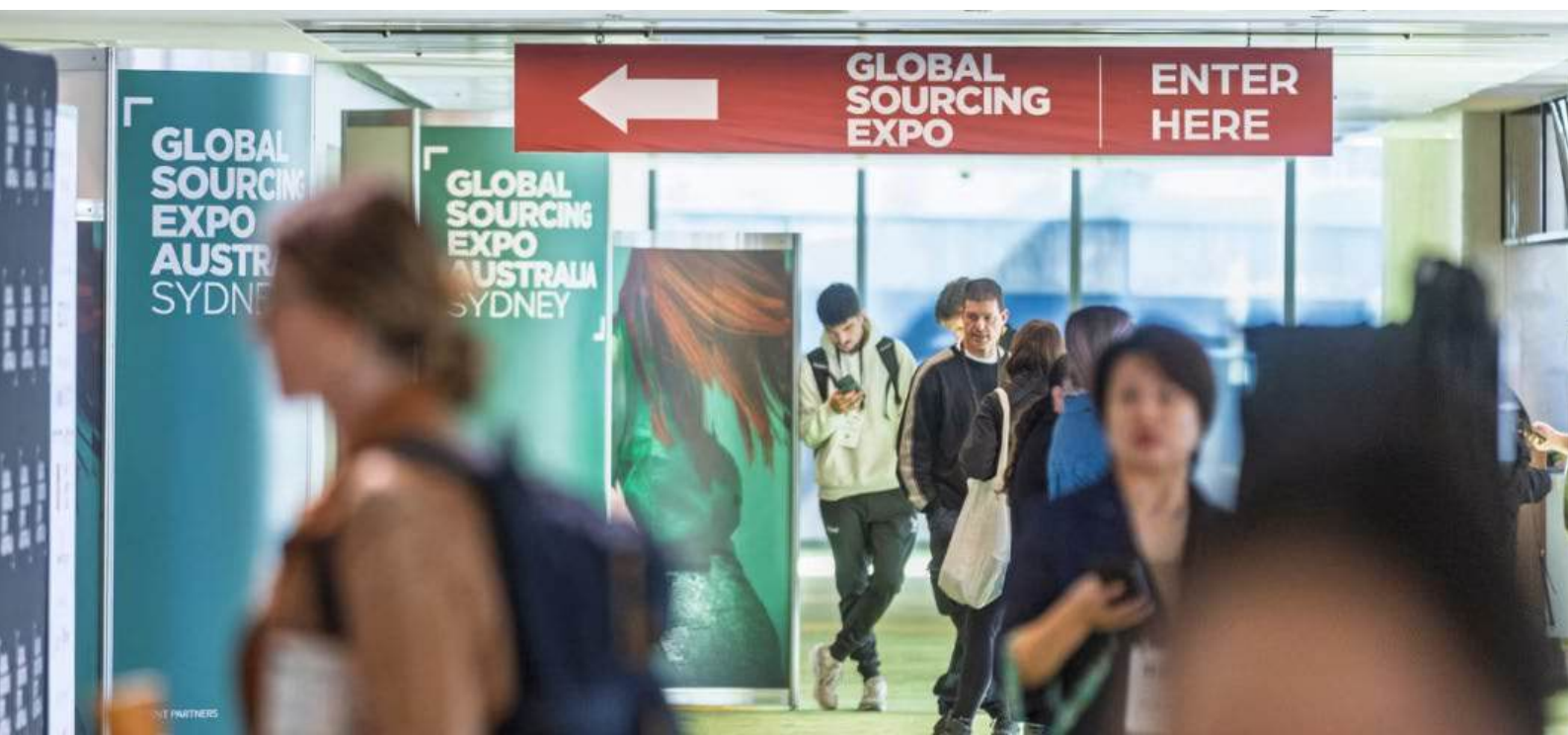
In today's environment, global sourcing operates within an increasingly complex and evolving geopolitical landscape. Against this backdrop, the value of face-to-face engagement has never been greater.

Events such as Global Sourcing Expo provide a vital platform for businesses to build trust, strengthen partnerships and navigate uncertainty with confidence.

A destination for knowledge and industry leadership

Beyond the exhibition floor, the education program proved to be one of the defining features of this year's event.

The Global Sourcing Seminars, expertly emceed by renowned fashion commentator and journalist Patty Huntington, were a standout success.



Featuring leading industry experts and thought leaders, the seminars attracted strong audiences across all three days and delivered valuable insights into sourcing, sustainability, innovation, artificial intelligence, global supply chains and the future of the fashion industry.

New to the Expo in 2026 was the Learning Lab, an informal, interactive knowledge hub designed to deliver practical, bite-sized sessions tailored to today's sourcing professionals.

The Learning Lab quickly became one of the busiest destinations on the show floor, with several sessions drawing standing-room-only crowds.

Joel Perna from Risewise was among the many presenters whose sessions generated significant interest, creating a vibrant atmosphere and energising the exhibition throughout the event.

Another exciting addition was the Global Sourcing Summit Masterclass, led by respected fashion industry expert Jude Kingston.

Her session provided emerging and established brands with practical guidance on launching, growing and scaling successful fashion businesses.

Attendee feedback highlighted the impact of the new program:

"I found the From Concept to Commercial Success Masterclass incredibly valuable. Jude has a wealth of knowledge and was extremely generous with both her time and the information she shared.

The course gave me a much clearer understanding of what is involved in starting a clothing brand, along with practical tips and strategies to help avoid costly mistakes and save money along the way.

I left feeling far more confident and equipped to turn my ideas into a successful brand. It has definitely set me up for success."

Face-to-face connections drive business success. Attendees consistently highlighted the quality of exhibitors, the diversity of suppliers and the opportunity to build genuine business relationships in person.



One visitor commented:

"So useful to have so many manufacturers in the one place, and to be able to talk to them, feel the fabric, and make the contacts. And the seminars and Learning Lab were next level. No matter what stage you are with your business – this is well worth your time to attend."

Another shared:

"The Global Sourcing Expo exceeded every expectation. Having so many world-class exhibitors under one roof saved me an extraordinary amount of time, energy and stress – meeting face to face achieved in a single day what would have taken weeks of back-and-forth online. I would unreservedly recommend it to any business owner serious about sourcing."

Looking ahead to Melbourne

Following the success of Sydney, attention now turns to Global Sourcing Expo Melbourne, taking place 17–19 November 2026 at the Melbourne Convention & Exhibition Centre.

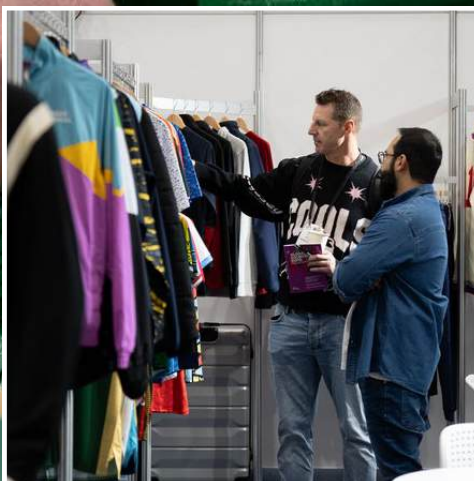
Building on the momentum of Sydney, the Melbourne edition will once again showcase hundreds of international suppliers, an expanded education program, Global Sourcing Seminars, the Learning Lab and further opportunities for Australian businesses to connect with global manufacturing partners.

Visitor registrations and Exhibitor Applications are now open, with the industry invited to be part of Australia's next major global sourcing event.

APPAREL | ACCESSORIES | TEXTILES | HOME FURNISHINGS | FOOTWEAR

Australia's Ultimate Global Sourcing Destination

「
**GLOBAL
SOURCING
EXPO**
SYDNEY
16-18 JUNE 2026

」

globalsourcingexpo.com.au





Results of the 39th ITMF Global Textile Industry Survey

**Business situation weakens slightly,
but the industry stays cautiously op-
timistic**

**Global Business Situation Weakens
Across All Regions**

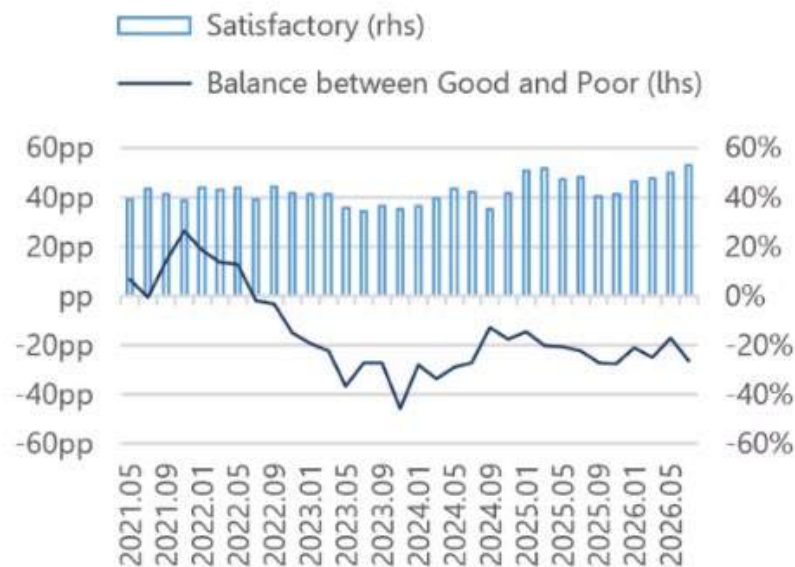
The International Textile Manufacturers Federation (ITMF) has published the results of its 39th Global Textile Industry Survey (GTIS), conducted from 14 to 22 July 2026 among companies along the entire global textile value chain.

Worldwide, 10% of participants rated their business situation as good, 53% as satisfactory and 37% as bad — a balance of -26pp, down from -17pp in May but still well above the 2023 lows.

All regions are now in negative territory, from South Asia at -3pp to North & Central America at -58pp.

Brands and retailers were the only segment with a positive balance (+11pp); machinery manufacturers were weakest at -40pp, while garment producers fell sharply from +5pp in May to -25pp.

Graph 1: Business situation [World]



Order Intake, Backlogs and Capacity Utilization Decline

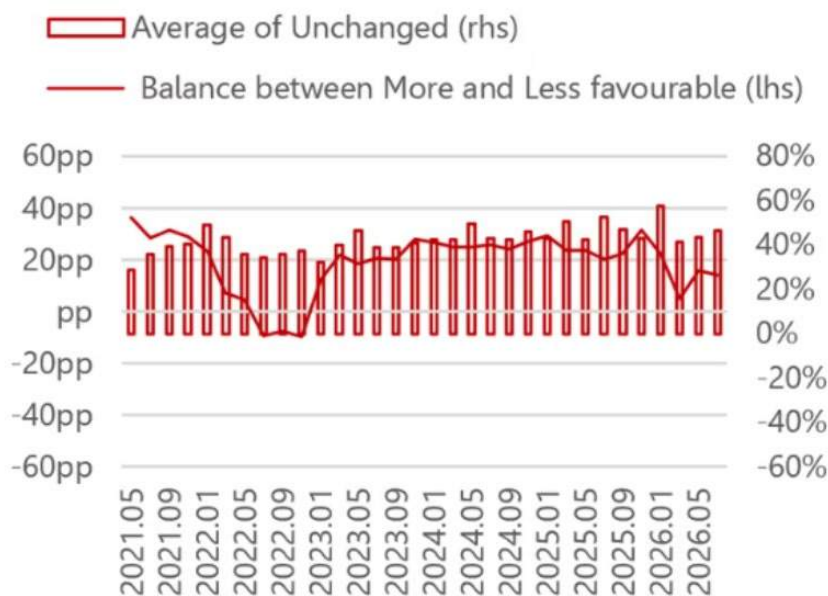
Order intake dropped to -27pp from -9pp in May, suggesting the May reading was an outlier. The average order backlog eased to 2.3 months and global capacity utilization slipped to 71%, ranging from 75% in South-East Asia to 64% in North and Central America.

Weak Demand and Geopolitics Remain the Industry's Leading Concerns

Weak demand and geopolitics remain the industry's leading concerns for 56% and 46% of the respondent, respectively, while raw material prices, energy costs and tariffs have all receded — tariffs to just 10%, down from a peak of 40% in September 2025.

Order cancellations fell to 2% globally, and the inventory index improved despite still being under average, with stocks accumulating downstream at brands and retailers while upstream segments stay lean.

Graph 2: Business expectations [World]



Welspun Living Strengthens Global Brand with Wimbledon Partnership

Welspun Living Ltd is reinforcing its position in the global home textiles market by combining premium branding, manufacturing excellence, and sustainability, with its long-standing association with The Championships, Wimbledon continuing to highlight India's textile manufacturing capabilities on the international stage.

The company, part of the \$3.6 billion Welspun Group, supplies products to more than 60 countries and remains one of the world's leading manufacturers of home textile products.

Iconic Wimbledon Towels Made in India

Welspun's connection with Wimbledon comes through Christy, the British heritage brand that has served as the official towel supplier to the prestigious tennis tournament since 1988.

Following Welspun's acquisition of Christy in 2006, production of the tournament's iconic towels was shifted to the company's manufacturing facility in Vapi, Gujarat, where they are produced for professional players and tennis fans worldwide.

The partnership has helped showcase India's textile manufacturing expertise on one of the world's most recognized sporting events.

Global Leadership in Home Textiles

Welspun Living has established itself as one of the world's leading home textile manufacturers through vertically integrated production facilities and long-term partnerships with major international retailers.

The company holds the No. 1 global position in towels and bath rugs while ranking among the top two producers worldwide in bed sheets.

Its portfolio includes home textiles, advanced textiles, and flooring solutions under brands including Christy, welhome, and SPACES.





Innovation and Sustainability Drive Growth

Innovation remains a key pillar of Welspun's strategy, with the company holding 50 global patents across its businesses.

Welspun also reported an S&P Global ESG Score of 90/100, reflecting its focus on environmental, social, and governance performance.

The company employs more than 24,000 people, with women representing approximately 28% of its workforce.

Branded Business Continues to Expand

Branded products contributed around 19% of Welspun's total revenue in FY2026.

The company's luxury Christy brand recorded 15% growth, while premium brand welhome generated \$19.4 million in revenue.

In India, the Welspun brand continues expanding its retail footprint, now reaching more than 20,000 stores nationwide.

Navigating a Challenging Market

Despite maintaining its global leadership, Welspun experienced a softer financial performance during FY2026.

Total income declined 11.5% year-on-year to ₹9,467.9 crore, while EBITDA reached ₹862 crore, resulting in an EBITDA margin of 9.1%. Profit after tax stood at ₹204.4 crore.

Home Textiles B2B remained the company's largest business segment, accounting for approximately 70% of total revenue, while emerging businesses, innovation-focused products, and branded sales continued to support long-term diversification.

Focus on Long-Term Growth

Welspun Living continues to invest in innovation, premium branding, sustainability, and manufacturing capabilities as it strengthens its position in the global home textiles industry.

Its internationally recognized partnership with Wimbledon, expanding branded portfolio, and ongoing investment in advanced textile technologies position the company for long-term growth despite near-term market challenges.



Africa Textile Talks Launches Future Fabrics Student Challenge for Emerging Innovators



Africa Textile Talks 2026 has launched its inaugural Future Fabrics Student Challenge, inviting emerging designers, researchers, makers and innovators from across Africa to explore the future of sustainable textiles through regenerative materials, indigenous knowledge and experimental design.

The competition forms part of Africa Textile Talks 2026, founded by Twyg and Imiloa Collective, which will take place in Cape Town on 31 July–1 August 2026.

Rethinking the Future of African Textiles

Participants are invited to create a 30 cm × 30 cm textile, material or conceptual prototype responding to the challenge: “What does an African textile future look like when it restores ecosystems, centres local knowledge and materials, and reimagines production?”

Rather than focusing solely on conventional fashion fabrics, the competition encourages innovative approaches to textile creation

using regenerative resources and sustainable material systems.

Entrants are encouraged to experiment with locally sourced materials such as agricultural waste, natural fibres, bark, kelp, fungi, mycelium, natural dyes and other environmentally responsible alternatives.

Platform for the Next Generation of Textile Innovators

According to Jackie May, the initiative aims to broaden the way the industry thinks about textiles by encouraging deeper material research and exploration.

She noted that the challenge is designed to promote experimentation, curiosity and critical thinking while drawing inspiration from Africa’s rich indigenous knowledge systems and natural resources.

Open to Students and Emerging Professionals

The Future Fabrics Student Challenge is open to:

- Students
- Recent graduates (within two years of graduation)

- Emerging practitioners under the age of 25

Applicants may participate individually or in teams of up to three people and must be based in Africa.

Finalists to Exhibit at Africa Textile Talks 2026

Twenty finalists will be selected to exhibit their work during Africa Textile Talks 2026 in Cape Town.

Selected participants will gain exposure to retailers, manufacturers, curators, researchers, investors and industry leaders, while also receiving editorial coverage through Twyg’s media platforms and opportunities to connect with potential collaborators.

Entries will be evaluated by a multidisciplinary jury consisting of designers, material scientists, sustainability specialists, curators and textile industry professionals.

Projects will be assessed based on originality, material innovation, research quality, relevance to African contexts, integration of indigenous knowledge and overall presentation.

Submission Deadline

Applications are now open, with 13 July 2026 set as the submission deadline.

Finalists will be announced on 15 July 2026, with the exhibition taking place during Africa Textile Talks on 31 July and 1 August 2026 in Cape Town.

T-SUPREMA

Needle-punching
as easy as never before

More Information:



TRÜTZSCHLER
NONWOVENS

In cooperation with:



ECOS Calls for Stronger ESPR Rules to Drive Sustainable Textile Production

The European Environmental Citizens' Organisation for Standardisation (ECOS) is urging the European Union to strengthen the proposed Ecodesign for Sustainable Products Regulation (ESPR) for textiles, warning that the current framework relies too heavily on consumer information while placing insufficient obligations on manufacturers.

During a recent webinar, ECOS experts outlined their recommendations for the forthcoming textile delegated act, arguing that mandatory ecodesign requirements must play a central role in making the fashion industry more sustainable.

ESPR to Transform Textile Product Design

The ESPR is one of the European Commission's flagship sustainability initiatives and will introduce mandatory ecodesign requirements for textile products placed on the EU market.

A key feature of the regulation is the Digital Product Passport (DPP), which will provide detailed product information through QR codes or RFID technology.

The passport is expected to include data on recycled content, durability, repair instructions, environmental performance

and regulatory compliance, improving transparency throughout global textile supply chains.

According to ECOS, the DPP will benefit manufacturers, retailers, recyclers, second-hand operators and regulators by improving product traceability.

ECOS Warns Against Overreliance on Consumer Information

While welcoming the introduction of the DPP, ECOS believes the current proposals place too much responsibility on consumers rather than requiring manufacturers to improve product sustainability.

The organization argues that simply providing consumers with information about durability or recyclability will not solve the industry's environmental challenges, particularly the growing impact of fast fashion and overproduction.

Instead, ECOS says stronger mandatory production standards are needed to drive meaningful change across the textile sector.



NGO Calls for Mandatory Ecodesign Requirements

ECOS is recommending that the European Commission introduce stricter ecodesign requirements covering:

- Minimum durability standards based on physical testing
- Improved reparability and product disassembly
- Design rules that facilitate textile reuse and recycling
- Reduced elastane content to improve fiber recyclability
- Clear differentiation between post-consumer and post-industrial recycled content
- Greater use of recyclable materials

The organization believes these measures would significantly improve product longevity while supporting the development of a circular textile economy.

Stronger Chemical Restrictions Needed

Another major concern raised by ECOS is the extensive use of chemicals throughout textile production.

According to the organization, more than 15,000 chemicals are used across the textile industry, including dyes, pigments and processing chemicals.

ECOS is calling for mandatory restrictions on hazardous substances—including PFAS—under the ESPR rather than relying solely on disclosure requirements. It also wants greater transparency regarding chemicals used throughout global supply chains.

Addressing Microplastic Pollution

ECOS also recommends introducing measures to reduce microfiber pollution from synthetic textiles.



Its proposals include:

- Industrial pre-washing of textile products
- Standardized microfiber shedding tests
- Maximum microfiber release thresholds
- Linking microfiber emissions to Extended Producer Responsibility (EPR) fees

The organization believes these measures would help reduce microplastic pollution while encouraging manufacturers to develop lower-shedding textile products.

Global Impact on Textile Supply Chains

As many apparel products sold in Europe are manufactured outside the EU, ECOS expects the ESPR to have significant implications for global textile supply chains.

The organization says compliance requirements will increasingly be passed from brands to suppliers and emphasizes that sustainability responsibilities and costs should be shared fairly across the entire value chain.

With the textile delegated act still under development, ECOS is encouraging manufacturers, brands and other stakeholders to actively participate in the consultation process before the regulation is finalized.



NAR KUMAŞÇILIK Showcases Woven Fabric Expertise and Targets New Markets at Colombiamoda 2026

Turkish woven fabric manufacturer NAR KUMAŞÇILIK is strengthening its international presence by participating in Colombiamoda 2026, viewing Colombia as a strategic entry point to the Latin American market.

During an interview with Behnam Ghasemi, Editor-in-Chief of Kohan Textile Journal, Hakan Unç, CEO of NAR KUMAŞÇILIK, shared the company's growth strategy and international market ambitions.

Woven Fabric Portfolio Supports International Customers

Established in 2012, NAR KUMAŞÇILIK specializes in the production of a diverse portfolio of woven fabrics, including linen, cotton, polyviscose, polyester, and

blended fabric qualities. The company exports to numerous European countries as well as selected markets across Eastern Europe, supplying fabrics for a wide range of apparel applications.

Speaking at Colombiamoda 2026, Hakan Unç emphasized the importance of expanding into new international markets.

"We see Colombia as a dynamic and colorful market with strong business potential.

At the same time, it serves as a strategic gateway to the Americas, making Colombiamoda an excellent platform to establish new commercial relationships and explore future opportunities," he said.

By participating in one of Latin America's leading fashion and textile exhibitions, NAR KUMAŞÇILIK aims to strengthen its global customer network and introduce its high-quality woven fabrics to buyers from across the region.

ORYUN TEXTILE Targets New Growth Opportunities in Latin America at Colombiamoda 2026

Turkish yarn manufacturer ORYUN TEXTILE is expanding its international market reach by participating in Colombiamoda 2026, viewing Colombia as a strategic gateway to the broader Americas.

During an interview with Behnam Ghasemi, Editor-in-Chief of Kohan Textile Journal, Halil Ibrahim Öreksele highlighted the company's commitment to developing value-added recycled and fancy yarns while exploring new export opportunities in Latin America.

Founded in 1984 and headquartered in Uşak, Türkiye—the country's leading textile recycling hub—ORYUN TEXTILE has established itself as one of the region's leading producers of recycled yarns and fancy yarns. Through continuous investment, technological development, and product innovation, the company has expanded exports to more than 20 countries, supplying internationally recognized brands.

"Our objective is to produce high value-added recycled and fancy yarns at competitive costs," said Öreksele. "To-

day, our products are well established in markets such as Russia, Italy, and Spain.

We believe Colombia represents an important production and business hub for the Americas, making Colombiamoda an ideal platform to meet new customers and strengthen our international presence."

According to Öreksele, the first two days of the exhibition exceeded expectations, attracting a large number of professional visitors and qualified buyers.

"We have had productive meetings with serious international buyers, and we are optimistic that these discussions will lead to successful business partnerships," he added.

ORYUN TEXTILE supplies yarns for a broad range of textile applications, including jackets, trousers, sweaters, underwear, carpets, upholstery fabrics, blankets, hand-knitting yarns, tents, and rugs.

The company's products are backed by internationally recognized certifications, including GRS, OEKO-TEX, ISO, and SABER, reflecting its commitment to quality, sustainability, and responsible manufacturing.

As global demand for sustainable textile solutions continues to grow, ORYUN TEXTILE aims to strengthen its presence across Latin America while promoting Türkiye's expertise in recycled and fancy yarn production through platforms such as Colombiamoda 2026.

ORYUN TEXTILE at Colombiamoda 2026





X-Rite Pantone and NIFT Partner to Build Color Management Skills for India's Fashion and Textile Workforce

New Collaboration expands access to digital color education, hands-on training, and industry tools that help improve employability, supply chain consistency, and design-to-production workflows.

X-Rite Pantone, the global authority in color standards and color science, and the National Institute of Fashion Technology (NIFT), India's premier institute for fashion education, design, management, and technology, today announced a strategic collaboration to strengthen color management skills for India's fashion and textile workforce.

The partnership responds to a growing industry need for more consistent digital color commu-

nication from design concept through production, helping reduce ambiguity, improve quality, and prepare emerging talent for increasingly complex supply chains.

"As the global textile industry becomes increasingly digital, the ability to communicate color accurately and consistently is becoming a strategic capability—not just for individual companies, but for entire manufacturing ecosystems," said Raj Shah, Vice President of Marketing, X-Rite Pantone.

"Our collaboration with NIFT reflects a shared commitment to preparing the next generation of designers and industry professionals with the digital skills and color expertise needed to

strengthen India's competitiveness, accelerate innovation, and support the continued evolution of its textile and apparel industry.

Together, we hope to contribute to a future where India is recognized not only for its rich textile heritage, but also for its leadership in digitally enabled manufacturing excellence."

Partnership Deliverables

The collaboration will focus on three core deliverables: classroom access to X-Rite Pantone color management technology and resources at NIFT Delhi; a dedicated color education session for incoming students; and professional development programs for alumni and faculty at

the X-Rite Pantone Brand Experience Centre in Gurugram.

"This collaboration reflects our commitment to providing students and faculty with exposure to the latest technologies shaping the industry," said Ms. Tanu Kashyap, Director General, NIFT.

"By working with X-Rite Pantone, we are enhancing learning experiences that bridge the gap between education and industry while strengthening competencies that are increasingly important across fashion, textiles, and related sectors."

Professional Development for Industry and Faculty

The partnership also extends beyond current students through a new Management Development Program (MDP) designed for NIFT alumni working in fashion, footwear, jewelry, leather accessories, and related industries.

The two-day training program will combine classroom learning at NIFT with hands-on experiences at the X-Rite Pantone Brand Experience Centre in Gurugram, focusing on digital color workflows, color communication, objective color measurement, quality control and industry best practices.

To further strengthen color expertise within academia, NIFT faculty members will participate in a Trainer of Trainers (ToT) Faculty Development Program hosted at the X-Rite Pantone Brand Experience Centre.

The program will cover color and appearance fundamentals, color measurement technologies, workflow implementation, and practical exercises designed to help educators bring industry-relevant color knowledge into their curriculum.

"Color touches every stage of product development, yet it is often underestimated as a source of risk, cost, and inefficiency," said Pieter Mulder, Director of Global Brand Accounts, X-Rite Pantone. "Through this collaboration, students will gain practical knowledge that connects creative intent with manufacturing reality, helping them make more informed design decisions from the start."

Prof. Dr. Noopur Anand, Dean, Academics, NIFT, added, "Color is both a creative and technical discipline. Access to the latest X-Rite Pantone color technologies and industry knowledge will help our faculty and students build the competencies needed to succeed in today's digitally connected product development and manufacturing environments."

Expanding Industry and Governmental Research Opportunities

Beyond education and training, X-Rite Pantone and NIFT will explore opportunities to contribute to industry-sponsored and government-led initiatives related to design, color, sustainability, innovation, and fashion.

"As global brands continue to expand sourcing, manufacturing, and product development activities across India, the ability to communicate color accurately and consistently has become an increasingly important skill," said Dr. Shinju Mahajan, Director, NIFT Delhi.

"This partnership creates valuable opportunities for students, faculty, alumni, and industry professionals to deepen their understanding of color management and develop skills that support quality, consistency, and innovation."

By combining academic excellence with industry expertise, the collaboration aims to help build a stronger foundation for color education and create new opportunities for learning, research, and professional development across India's fashion and textile sectors.



Spanish Solutions for Textiles

More
sustainable
than ever



62 companies

45 of them with
outstanding international
presence



479.903.000€ in turnover

65% coming from exports



Presence in 16 international events

Capacity to serve worldwide

**Our team has more that 50 years of
experience in international promotion and
a vast knowledge of the Spanish Industry.**

What can we do for you:

- Assess any company looking for **textile technology suppliers.**
- Assist foreign buyers by organizing virtual or presential **B2B meetings and roadshows.**
- Collaborate with trade shows organizers to promote **international events.**

[More information](#)



amecamtex

solutionfortextiles.com / info@amec.es



Spanish Solutions for Textiles

More
sustainable
than ever

amec **amtex**

Main tendencies within the Spanish industry landscape

Energy efficiency and sustainability.

The sector investment is concentrated in achieving machines with greater energy efficiency. The sector is also **focused on finding sustainable solutions, reducing CO2, and reducing water consumption.**

Automation of machines and processes.

The evolution in machinery connectivity leads the Spanish sector to advance towards the goal of **achieving Smart Factories.**

New materials.

The Spanish textile sector is living **an important change due to the use of new materials.** This leads to innovation in technology for the use of recyclable materials and technical textiles and, on the other hand, it boosts the development of Smart Textiles.

[More information](#)



Syntetica Secures \$30M to Scale Mixed Nylon Textile Recycling



Syntetica, the French deeptech company advancing technology to recycle complex textile waste, today announced a \$30 million Series A funding round from heavyweight tech investors and trusted apparel brands.

The round was led by the Ecotechnologies 2 fund managed on behalf of the French government by Bpifrance, with participation from SWEN Capital Partners, lululemon, MAS Holdings, existing investor EQT Ventures, and the family offices of Peugeot, Etam and Indorama Venture's largest shareholder.

The new round also includes support from public institutions including Bpifrance (French public investment bank) and the European Innovation Council.

Syntetica has developed a proprietary solution capable of recycling both Nylon 6 and Nylon 6,6 from mixed textile waste in a single process.

The need to identify and separate different nylon types has been one of the biggest technical barriers to recycling post-consumer nylon at scale.

According to Textile Exchange's Materials Market Report, global nylon production reached around 7 million tonnes in 2024.

Despite growing demand for circular materials, recycled nylon still accounts for only around 2% of the total nylon market because of the technical challenges involved in recycling post-consumer textiles.

More than 80% of textiles discarded by households are currently incinerated, landfilled or abandoned in the environment, underlining the need for technologies that can increase the recovery of valuable materials from complex textile waste.

Syntetica's technology overcomes one of the main hurdles to increased recycling, making it possible to process more of the nylon waste that arises from the apparel industry.

The company is already working with brands including Victoria's Secret and Etam, alongside a growing number of global apparel companies, as demand for scalable circular materials continues to grow.

Syntetica nylon recycling technology processing mixed textile waste for industrial-scale circular material production.

From laboratory breakthrough to industrial scale

The funding will support the planned construction of Syntetica's first commercial demonstration facility in France, bringing the technology from laboratory scale to industrial production, targeting the processing of hundreds of tonnes of textile waste each year.

The demo plant will be developed through the company's partnership with Michelin's Centre for Sustainable Materials in Clermont-Ferrand.

The investment comes as brands, manufacturers and policymakers seek new ways to reduce waste and strengthen material supply chains.

Unlike most recycling technologies, which focus on clean production waste, Syntetica's process is designed for post-consumer textiles, which account for around 80% of textile waste and represent one of the industry's largest untapped recycling opportunities.

Building strategic materials infrastructure in Europe

For Syntetica, this creates an opportunity to build new industrial supply chains around materials that already exist within Europe, reducing reliance on imported fossil-derived resources while supporting new manufacturing capacity across the region.

While nylon remains its initial focus, Syntetica plans to expand its technology platform into additional materials and applications over time, including opportunities across textiles, automotive and speciality chemicals.

The company is backed by French and European public funds, including Bpifrance and the European Innovation Council, as governments look to strengthen industrial capabilities around strategic materials and waste processing.

Syntetica Marco Bertone, co-founder and chief executive officer of Syntetica, said: "For decades, mixed nylon waste has been considered too complex and too expensive to recycle at scale.

We have shown that it is possible to recover high-value materials from the waste streams the industry has historically written off. This funding allows us to move from breakthrough chemistry to industrial reality and accelerate the transition to more circular materials."

Alexandre Wagner, Investment Director, Bpifrance Green Venture, said: "Syntetica has developed a differentiated technology that addresses one of the textile industry's most complex recycling challenges.

We are pleased to support the company's next phase of growth as it scales its technology and manufacturing capabilities in France, which is in line with our investment strategy."

Sid Amalean, Director, Group Innovation, MAS Holdings, said: "Recycling technology succeeds when brand commitment, manufacturing partnership, and industrial scale-up expertise all converge – and Syntetica is one of the few ventures in this space that has brought all of these together.

We're excited to support Syntetica to scale their technology by leveraging MAS' apparel manufacturing expertise. We see this investment as a strategic move for the industry as a whole."

Teijin Develops New Thermosetting Carbon Fiber-reinforced Plastic Combining Self-healing Functionality with Recyclability



Teijin Limited announced today that it has developed a thermosetting, long carbon fiber-reinforced plastic (CFRP) that combines a heat-activated self-healing function with high recyclability, while offering mechanical properties equivalent to those of conventional CFRPs.

Damaged areas of the new material can be repaired by being heated for a short time at a specified temperature, enabling repair rather than replacement and thereby helping to extend product lifetime and reduce resource consumption.

Further, Teijin's CFRP enables recycling through a simple chemical decomposition process, thereby contributing to circularity. A wide range of applications can benefit from the strength and light weight of this CFRP material, including aircraft, automobiles and sporting goods.

There is growing demand for products that help to reduce greenhouse gas (GHG) emissions throughout the entire life cycle. However, CFRPs, made by impregnating carbon fiber with thermosetting resin, cannot be melted or remolded.

Also, much of the waste generated after use is incinerated or land-filled, making it a priority to develop new CFRPs that can reduce environmental impact.

To date, Teijin has worked to reduce GHG emissions and cut waste through initiatives such as the development of Tenax Next, its carbon fiber brand based on circular feedstocks.

Now, Teijin has leveraged its renowned polymer material design technologies, cultivated over many years, to develop new resin that retains the excellent mechanical properties of conventional materials while enabling recycling through resin decomposition and featuring a heat-activated self-healing function.

The company incorporated this resin into its new a circular thermosetting CFRP, which helps reduce environmental impact while providing the strength and rigidity of conventional CFRPs.

Technology Functionality

Self-healing through heating If the resin layer of the CFRP becomes damaged, it can easily be repaired by heating it at a prescribed temperature for a short time.

Thanks to this capability, CFRP material that has deteriorated can continue to be used, avoiding premature disposal and waste generation.

Figure 1: Self-healing via heat
Cross-sectional view of the CFRP (left) and ultrasonic inspection results (right)
(Top: Before repair; Bottom: after repair)

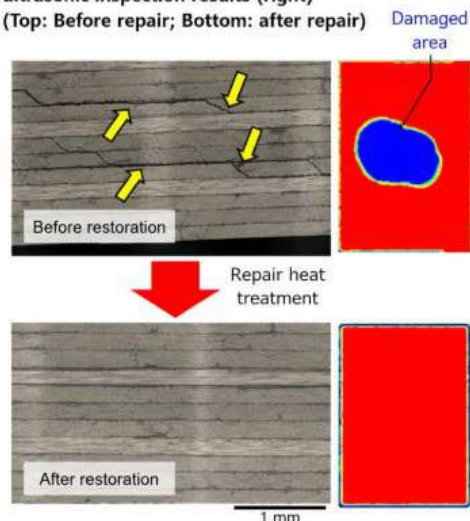
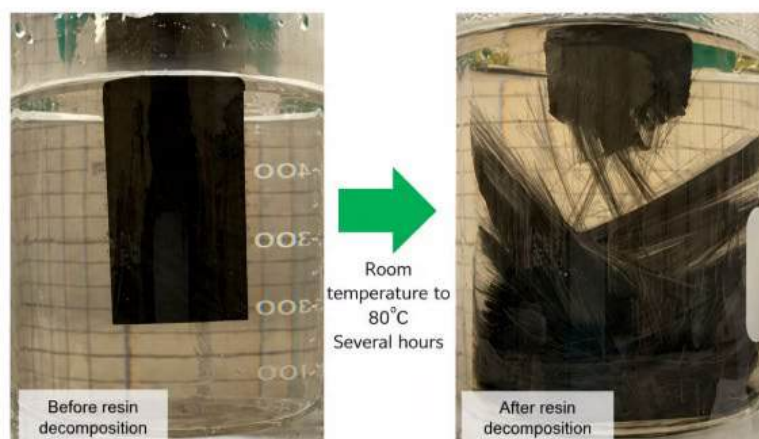


Figure 2: Carbon fiber reclamation through resin decomposition
After CFRP is soaked in a specific chemical solution, the resin decomposes, making it possible to easily separate and recover the long carbon fibers.
(Left: CFRP before decomposition; Right: carbon fibers after decomposition)



Recyclability through remolding

Once molded, conventional CFRP materials cannot be remolded because the impregnated thermoset resin does not melt or flow, even when heated. In contrast, Teijin's new CFRP product exhibits flowability after molding when exposed to heat within a specified temperature range, making it possible to recycle the material through compression molding and other methods.

Carbon fiber retrieval/reuse through resin decomposition

Conventionally, separating carbon fiber from recovered thermosetting CFRP requires thermally decomposing the resin by combustion in a high-temperature furnace exceeding 400°C over a long period.

This energy-intensive method imposes a significant environmental burden.

Teijin's newly developed CFRP can be decomposed by soaking it in a specific chemical solution, making it possible to easily separate the long carbon fibers from the

thermoset resin.

This simpler, shorter method enables the carbon fiber to be reclaimed with low environmental impact and excellent efficiency.

Note: These results were obtained, in part, through the Strategic Innovation Promotion Program (SIP) "Building a Circular Economy System" of the Council for Science, Technology and Innovation (CSTI), Cabinet Office (implementing agency: Environmental Restoration and Conservation Agency, Independent Administrative Institution) (JPJ012290).

Teijin aims to begin providing samples of this developmental CFRP product in the course of 2028, and will continue to advance research and development in collaboration with universities and research institutions.

The company will seek to expand the use of this CFRP in a wide range of applications, focusing primarily on aircraft, automobiles, industrial machin-

ery and other use cases where there is strong demand for weight reduction, improved durability and reduced environmental impact.

Furthermore, with an eye toward future mass production and social implementation of the new CFRP product, Teijin will promote development that optimizes every aspect, from material formulation and component design to recycling processes, while advancing application development and building a supply chain in collaboration with partner-companies.

In practical terms, Teijin Carbon is seeking opportunities for joint development projects.

Teijin will continue to strive to minimize the negative environmental and social impacts associated with its business activities and in parallel increase the performance of our solutions in the applications of our customers. This reinforces Teijin's long-term vision to support the society of the future.

Carbios Reaches 100-Batch Milestone and Expands Licensing to Textile Market

. Validation of the “Fiber-to-Fiber” biorecycling process under conditions representative of industrial operations

. 100th batch¹ successfully produced at the Clermont-Ferrand demonstration plant

. More than 95% conversion achieved within 24 hours on complex post-consumer textile waste streams

. Robust and reproducible performance enabling the expansion of the licensing offering to the global textile market, in addition to packaging

Clermont-Ferrand (France), 21 July 2026 (07:45 CEST).

CARBIO (Euronext Growth Paris: ALCRB) announces the expansion of its licensing offering to the textile market following the success-

ful completion of production trial batches at its Clermont-Ferrand demonstration plant.

PET Textile Waste Becomes a New Growth Market

Since 2025, the Company has been advancing the extension of its enzymatic biorecycling process to the treatment of textile waste rich in PET polyester fibers, a material whose global consumption in textile applications is estimated at approximately 67 million tonnes per year², representing nearly twice the size of the PET packaging market.

The results achieved from the processing of complex post-consumer textile waste under conditions representative of industrial-scale operations mark a significant milestone toward the commercialization of licenses dedicated to the global market for textiles containing PET polyester fibers.

The performance achieved confirms the robustness of Carbios' enzymatic depolymerization process, delivering over 95% conversion within 24 hours on complex textile waste streams. The process achieves yields that enable the production of virgin-quality monomers equivalent to those obtained from packaging waste.

The consistent reproducibility of these results demonstrates both the technological maturity of the process and the versatility of Carbios' solution.

The remarkable progress made by Carbios' teams through the successful completion of these 100 batches now enables the processing, under industrial conditions, of all types of PET waste streams, from both packaging and textile sources, whether simple or complex.

Licensing Expansion Targets the Global Textile Industry

By extending its licensing offering to the textile market, Carbios significantly expands the addressable market for its biorecycling technology and further diversifies its global customer base.

This expansion opens up new growth opportunities in a market representing approximately two-thirds of global PET consumption, where end-of-life management remains a critical environmental challenge.



Benninger Partners with Grupo NS in Brazil



Benninger AG has strengthened its presence in Brazil through a new partnership with Grupo NS, a leading specialist in the Brazilian textile industry.

The collaboration combines Benninger's advanced textile wet processing technologies with Grupo NS's local technical expertise, customer support, and service infrastructure.

Brazil is one of the largest textile markets in the Americas, with manufacturers increasingly investing in technologies that improve productivity while reducing environmental impact.

Through the partnership, Brazilian customers will gain easier access to Benninger's complete portfolio, supported by local training, spare parts, automation services, and long-term technical assistance.

Partnership Expands Local Support for Brazilian Textile Mills

Benninger offers a comprehensive range of continuous and discontinuous wet processing solutions, including singeing, preparation, washing, mercerising, Cold Pad Batch processing, jet dyeing, and jigger dyeing for woven, knitted, and technical textiles.

The company focuses on integrated production

systems that combine machinery with automation, chemical preparation, fabric handling, and process control.

These solutions are designed to improve fabric quality, increase first-pass production rates, enhance manufacturing flexibility, and reduce water, energy, and chemical consumption.

Additional technologies such as heat recovery, water recycling, and caustic recovery systems help lower operating costs and support more sustainable textile manufacturing.

"Together with Grupo NS, we are bringing Benninger's complete portfolio closer to Brazilian textile manufacturers," said Rolf Erik Schoeler, Global Head of Sales and Marketing at Benninger AG.

"Our aim is to help customers improve quality, productivity, and sustainability with the right technology and strong local support."

Grupo NS, which has decades of experience serving Brazil's textile sector, will support customers with project evaluation, technology selection, process optimization, and after-sales service.

"Our cooperation with Benninger allows us to offer Brazilian customers a stronger portfolio, deeper process expertise, and reliable local support," said Rogério Esau, Director of NS Química.

From Fiber Processing to Value Creation: ANDRITZ Delivers End-to-End Bast Fiber Processing Solutions



As global industries accelerate their transition toward sustainable materials, natural fibers are moving to the forefront of innovation. Bast fibers and regenerated natural fibers are increasingly used in technical textiles, automotive components, construction materials, insulation, and geotextiles.

Mastering these fibers, however, requires deep process knowledge and robust technology.

Natural fibers in industrial applications

Jute, hemp, flax, and coconut fibers – each serve a broad range of end applications, reflecting their distinct mechanical and functional properties. Jute is widely used in geotextiles, erosion control fabrics, carpet backing, and packaging

due to its strength, biodegradability, and cost efficiency.

Hemp combines high tensile strength with durability and moisture resistance, making it ideal for automotive interior components, technical composites, insulation materials, and construction applications.

Flax, valued for its fine fibers and excellent stiffness-to-weight ratio, is commonly applied in high-quality textiles, automotive lightweight composites, furniture, and thermal or acoustic insulation panels.

Coconut fibers (coir), known for their resilience and resistance to moisture and rot, are extensively used in mattress and bedding products, horticulture, erosion control mats, brushes, and cushioning applications.

Together, these fibers enable a wide spectrum of sustainable end products, ranging from high-performance industrial solutions to everyday consumer goods.

France's expertise in natural fibers

France has long been at the forefront of natural fiber handling and utilization, building on a deep industrial and cultural heritage.

For centuries, the country has been a global reference for linen (flax) production, particularly in regions such as Normandy and Northern France, which are still recognized today for producing some of the world's finest flax fibers used in textiles and technical applications.

France also played a key role in the historical development of hemp processing, with hemp widely cultivated and transformed for ropes, sails, and industrial textiles as early as the Middle Ages. In addition, the French silk industry, centered around Lyon from the Renaissance onward, set benchmarks for fiber processing, innovation, and textile engineering.

This long tradition of mastering natural fibers – from agriculture to industrial transformation – has laid the foundation for France's continued leadership in modern, sustainable nonwoven and technical textile solutions.

Today, ANDRITZ is closely involved in this development through its three locations in France, building on longstanding expertise in natural fiber processing.

ANDRITZ solutions for natural fiber processing

With over a century of experience in textile engineering and a unique portfolio covering the entire value chain, ANDRITZ offers industrial solutions that transform natural fibers from decortication to final nonwoven products, using downstream airway and carding technologies – reliably efficiently, and at scale.

The company offers access to three internationally recognized technical centers in France, located in Elbeuf, Cours-La-Ville and Montbonnot where customers can test a wide range of fibers and applications under production-like conditions.

Processing natural fibers starts long before web formation. Fiber variability, impurities, length dispersion, and dust content present significant challenges that many equipment suppliers address only partially.

It therefore becomes key taking a different approach by engineering integrated solutions starting at the fiber preparation stage.

In order master natural fibers handling from the very beginning, ANDRITZ decortication, refining, and cottonizing technologies are specifically designed for bast fibers, ensuring gentle fiber opening, excellent cleaning efficiency, and optimal downstream processability – whether for carding or airway applications.

Bast fiber processing performance and output

ANDRITZ teXline bast fiber integrates dry cleaning, decortication, and refining to deliver reproducible material yields and stable industrial performance.

For typical hemp processing, the teXline configuration achieves approximately 50% cleaned shives, 25% cleaned refined fibers, 15–20% dust, and about 5% very short fibers, while maintaining high separation efficiency and fiber integrity.

The solutions are designed to process bast straw at controlled humidity levels between 12 and 16%, depending on fiber type, and can handle both rectangular cut bales (up to 50 cm length) and round uncut bales.

Modular and upgradeable line concepts allow installed capacities to start at 1 T/h and be expanded up to 2.5 t/h, with standard industrial lines available for 2.5, 5, or 10 t/h of straw throughput.

In addition, ANDRITZ offers dedicated cottonizing processes, derived from decades of flax cottonizing experience, with capacities ranging from 0.1 to 1 t/h, enabling downstream use of bast fibers in spinning, nonwovens, hygiene, and specialty applications while ensuring consistent fiber quality and minimal shive content.





from fiber processing to value creation

With decades of experience in bast fiber processing via its own technical centers in France, ANDRITZ provides customers with a stable, repeatable fiber base, significantly reducing production risks and quality fluctuations.

Once fibers are prepared, ANDRITZ technologies enable precise and flexible web formation through airlay & carding systems, tailored for natural fibers, while remaining compatible with recycled or shoddy fibers as a complementary activity.

This downstream process will give the final products their textile characteristics. It appears for leading market players to be more and more crucial to control the full value-chain both for competitiveness and quality control, as natural fiber properties can vary depending on their origin and harvest conditions.

Natural fiber production relies on a complete local ecosystem. Decortication lines must be located close to cultivation areas, such as hemp fields.

The fibers produced should then be further processed locally through downstream applications, supporting value creation across the overall production process.

Airlay production lines

ANDRITZ airlay lines stand out for their ability to process short, long, recycled, and fragile natural fibers in a single, highly controlled process. From blending to mat consolidation, the technology ensures homogeneous fiber distribution, excellent weight uniformity, and consistent product performance, even with challenging raw materials, usually for end products included from 500 to 10,000 gsm mainly aimed at automotive and insulation.

End-to-end integrated solutions

When considering new capital investments, complete success

is not solely based on individual machines, but also on system expertise and long-term upstream & downstream partnerships.

One distinguishes itself through comprehensive end-to-end process competence, covering every step from natural fiber decortication to the production of finished nonwovens.

As a true one-stop-shop, ANDRITZ integrates fiber preparation, web forming, bonding, and finishing into fully engineered solutions tailored to customer needs. This approach is reinforced by application-driven engineering, with technologies developed, tested, and validated around the world.

Backed by hundreds of proven installations across Europe, Asia, the Americas, and emerging markets, ANDRITZ combines global experience with a strong sustainability focus, enabling customers to profitably valorize natural, recycled, and bio-based fibers while meeting the demands of future-oriented markets.

This holistic approach translates into faster commissioning, higher uptime, consistent quality, and long-term competitiveness for customers for the decades to come.





YKK Develops Concept EXCELLA® Zipper Tape Using Nonwoven Fabric Partially Derived from Used Clothing

YKK Corporation (Headquarters: Chiyoda-ku, Tokyo; President: Koichi Matsushima; hereafter, “YKK”), has developed a concept version of its premium EXCELLA® zipper series made from nonwoven fabric sheets created by fiberizing used clothing and other textile materials.

Based on a proposal by fashion designer Yuima Nakazato, this item was created as a result of collaboration between Nakazato, Seiko Epson Corporation (Headquarters: Suwa City, Nagano; President: Junkichi Yoshida; hereafter, “Epson”), and YKK. The concept zipper was incorporated as a material component for pieces in the newest YUIMA NAKAZATO Couture Collection, “INFERNO,” which was unveiled in Paris, France on July 8, 2026.

Improving Performance for Sustainable Materials

development project took sheets of non-woven fabric, which had been regenerated using Epson's Dry Fiber Technology (DFT)¹, and used them as zipper tape for the first time. Since conventional methods were difficult to apply, the team conducted extensive studies to ensure the quality of element attachment.

The concept item was brought to life after a series of further studies, including selecting a slider with a structure suited to the rigidity of the non-woven tape and improving the zipper's ease of use.

The development was driven by the global challenge of recy-

cling used clothing, resulting from the mass production and consumption of apparel. Nakazato has been exploring ways to utilize the used clothing flowing into countries such as Kenya.

YKK has also been advancing initiatives to support a circular economy through efforts such as rolling out the NATULON® Fiber Sourced™ zipper, which uses recycled polyester made from textile waste and discarded clothing in the zipper tape.

Sharing a common awareness of the challenges surrounding textile circularity, YKK joined the project in support of its vision of creating new value through the upcycling of clothing and materials that would otherwise go unused.



PI Cottex Targets 1,000-Ton Capacity with Brückner Technology

The Indian knitted fabric manufacturer plans to expand monthly production from 600 to 1,000 tons while investing further in automation, finishing technology and quality assurance.

PI Cottex, a vertically integrated knitted fabric manufacturer based in Ludhiana, India, is preparing for significant capacity expansion supported by further investment in modern textile finishing technology.

The company currently produces approximately 600 tons per month and plans to raise output to around 1,000 tons within the next two to five years.

Its expansion strategy includes additional automation, advanced production systems and improved quality-control infrastructure.

PI Cottex manufactures single jersey, piqué, terry, fleece, rib, interlock, waffle and activewear fabrics, primarily using cotton and cotton-elastane blends.

Knitting, dyeing and finishing are conducted internally, enabling closer control over colour, weight, width, shrinkage and fabric handle.

Exports currently represent approximately 70–75% of the company's business. PI Cottex supplies national and international brands across fashion, casualwear, sportswear and athleisure.

Its finishing department operates four stenter frames: one six-chamber, one eight-chamber and two ten-chamber machines.

The six- and ten-chamber stenters were supplied by German textile machinery manufacturer Brückner.

PI Cottex attributes its repeat investment in Brückner technology to reliable performance, stable production and consistent finishing quality.

Brückner's dryer design enables manufacturers to achieve required finishing results with fewer chambers, while supporting high production output, heat-setting consistency, shrinkage control and improved energy efficiency.

The company generates annual turnover of approximately INR 200 crore, employs around 500 people and reports annual growth of about 20%.

Sustainability measures include agro-based fuels for steam generation, modern wastewater treatment and employee awareness programmes.

PI Cottex also holds OEKO-TEX®, Better Cotton, GOTS, GRS and SEDEX certifications.

The planned expansion reflects the company's strategy of combining vertical integration, efficient finishing and quality control to strengthen its position in domestic and export markets.





Product range for the textile finishing industry

- ▶ Stenters and heat-setting lines for woven and knitted fabrics
- ▶ Multi-layer stenters for sensitive fabrics
- ▶ Weft straighteners
- ▶ Relaxation dryers for high-quality knitted fabrics
- ▶ Sanfor ranges for woven and knitted fabrics
- ▶ Continuous dyeing ranges and infrared dryers
- ▶ Heat-recovery systems
- ▶ Air cleaning and filter systems



ERŞAT TEKSTİL

Expands Global Reach with Focus on South American Market at *Colombiamoda 2026*



Turkish woven fabric manufacturer ERŞAT TEKSTİL is strengthening its international growth strategy by participating in Colombiamoda 2026, aiming to establish new business relationships in the South American textile and apparel market.

During an interview with Behnam Ghasemi, Editor-in-Chief of Kohan Textile Journal, Erkan Uğur shared the company's vision, production capabilities, and expectations from one of Latin America's leading fashion trade fairs.

Diverse Woven Fabric Portfolio Supports Global Customers

Based in Bursa, Türkiye, ERŞAT TEKSTİL has been serving the textile industry for many years

with an extensive portfolio of woven fabrics.

While the company is widely recognized for its polyester and polyviscose fabrics, it has continuously expanded its collection by following global fashion trends and market demands.

Today, ERŞAT TEKSTİL manufactures a diverse range of fabrics, including jacquard, Chanel, modal, Tencel™, Lyocell, wool, and linen qualities, catering to both women's and men's apparel markets.

Supported by its own weaving mill and dyeing facilities, the company maintains full control over production quality, flexibility, and lead times.

"More than half of our production is exported," said Erkan Uğur.

"Today, we supply customers in

almost every region of the world.

However, South America has remained a relatively untapped market for us, and Colombiamoda provides an excellent opportunity to better understand this region and establish direct relationships with local buyers."

According to Uğur, the company has received strong feedback regarding Colombia's growing importance as a sourcing and manufacturing hub for the Latin American fashion industry, making Colombiamoda an ideal platform to explore new commercial opportunities.

By participating in Colombiamoda 2026, ERŞAT TEKSTİL aims to expand its customer network across South America while showcasing the quality, diversity, and innovation of Turkish woven fabrics to international buyers.

Trends Redefining Modern Living at Next Week's Intertextile Shanghai Home Textiles – Autumn Edition



Asia's leading home textiles trade fair, Intertextile Shanghai Home Textiles – Autumn Edition will return from 18 – 20 August 2026 at the National Exhibition and Convention Center (Shanghai), spanning over 100,000 sqm and welcoming exhibitors from 19 countries and regions.

As sustainability imperatives and evolving lifestyles continue to reshape interiors, the fair will present a curated showcase of forward-looking design solutions that fuse aesthetics, performance, and responsible innovation.

Complemented by an inspirational fringe programme, the fair will offer a strategic lens on emerging consumer preferences and market directions, guided by leading suppliers, designers, trend forecasters, and industry voices.

"Intertextile Shanghai Home Textiles is a very effective avenue for Chinese and international exhibitors to connect with buyers from around the world," stated Ms Wilmet Shea, General Manager of Messe Frankfurt (HK) Ltd.

"This edition will present an even more layered sourcing landscape, further strengthening the fair's role as

an innovative hub where the industry can capture new opportunities, respond to lifestyle trends, and shape the next phase of market growth."

Fairgoers can explore a dynamic mix of international and domestic suppliers across upholstery and sofa fabrics, bedding, curtains, sun protection, and much more. Highlighted industry elites include:

Curtains and curtain fabrics – Fu-tex (Hong Kong) (6.1H C46), Hangzhou Longshi Textile (6.1H F48), Hangzhou Qijian Textile (6.1H F86), and Ningbo YIBO Curtain Decorations (6.1H C73)

Editors – Beijing Ya Da Home Decoration Articles (5.1H F25A), Prestigious Textiles (Shanghai) (5.1H F26), Raffinato Shanghai (5.1H F17), SATI (6.1H A36), and SohoCUT (5.1H F07)

Design – Ashang Aga Home Textile Design Center (new) (6.1H A47), DBS Lifestyle India Private Limited (6.1H B42), Patrizia Ortenzi (6.1H B46), and Tela's design (6.1H A41)

Reinforcing its international reach, the upcoming Autumn Edition will also feature a dedicated Türkiye Zone, presenting a selection of leading manufacturers including BYT Dokuma Makina Tekstil (6.1H C38), Dersiyon Tekstil (6.1H F40), Isik Kadife ve Tekstil (6.1H B25), and Weavers Tekstil (6.1H C45), offering insights into the country's established expertise in quality home textile production and design.

Alongside this international presence, key Chinese textile hubs – including Haining, Hangzhou Linping, Huzhou, Shaoxing, Tongxiang, Wujiang Shengz – will present their latest developments across curtains, upholstery, sofa fabrics, and printed fabrics, reinforcing the fair's role as a gateway to China's most competitive manufacturing and innovation hubs.

Robust buyer demand underscores global relevance

Strong international engagement continues to define the fair, with buyers from 72 countries and regions already pre-registered, spanning retail, e-commerce, home furnishing, and global sourcing.

Pre-registered leading buyers include Alibaba Group, Ashley, Freshippo, IKEA, Inditex, Li & Fung, Luolai Lifestyle Technology, Man Wah, Melchers, Mercury Home Textiles, Nitori, OBI, Otto, Tesco, Togas, Walmart, and Xiaohongshu.

The hosted buyer programme will further enhance targeted business matching, featuring 9 delegations from 21 represented markets, including Algeria, China, Kazakhstan, Kyrgyzstan, Malaysia, Morocco and Thailand.

A broad range of domestic buyer delegations – ranging from hotel linen merchants and suppliers to e-commerce platforms, interior designers, and home furnishing companies – will also contribute to a highly active sourcing environment.

Transforming creative insights into business opportunities Beyond sourcing, Intertextile

Shanghai Home Textiles serves as a platform for thought leadership and cross-sector dialogue.

The fringe programme will bridge creative vision and business strategy through curated talks, guided tours, and industry forums.

Key highlights include:

Intertextile International Lifestyle Trend 2027: Breathe Up! – presented by NellyRodi™ Agency, Global Creative Director Ms Cécile Rosenstrauch will guide visitors through this curated Trend Area (6.1H F30) to explore key lifestyle directions for the 2027 season.

At InterDesign (5.1H G88), she will also host a seminar 'Shape the Future of Living – Shape up!' to decode the latest trends across three concepts – RE-DECO-RATE, RE-CONNECT, and RE-USE.

Urban Renewal and Regeneration (5.1H G88) – framed within 'Breathe Up!' and curated by trend committee member Mr Shen Lei, Founder and Design Director of Interior Architects, the special panel discussion explores how urban transformation shapes design thinking and human interaction.

Led by Mr Lyu Min, featuring Mr Byron Lee, Ms Nicole Li, and Mr Tim Zhang, the session is followed by a guided tour where Founder of Order Studio Mr Byron Lee will guide participants in discovering products with real-life applications.

China's Dual Circulation Strategy for Global Home Furnishing Summit (5.1H G88) – bringing together leading brands, this summit will explore international expansion, cross-category collaboration, and evolving brand strategies, supported by case studies and business matching opportunities.

Intertextile Talks (6.2H M92) – as part of the Go-Green theme, which covers the sector's latest sustainability trends, this session will provide exhibitors with a focused stage to launch eco-conscious textiles and technologies, with several suppliers set to enhance new product visibility among buyers seeking innovative sourcing solutions.

Intertextile Shanghai Home Textiles – Autumn Edition is organised by Messe Frankfurt (HK) Ltd; the Sub-Council of Textile Industry, CCPIT; and the China Home Textile Association (CHTA)

intertextile

SHANGHAI home textiles

2026.8.18 – 20

National Exhibition and Convention
Center (Shanghai), China

China International Trade Fair for Home Textiles
and Accessories – Autumn Edition

***Powering home textile
connections in Asia***



www.intertextilehome.com





16-22 SEPTEMBER 2027
MESSE GELAEDE HANNOVER
GERMANY
www.itma.com

Co-creating the future of textiles

Business materialises at ITMA2027 –
where innovation meets investment
and collaboration.

Apply now to secure a stand space at your product sector.



Show Owner



CEMATEX Associations

ACIMIT
AMEC AMTEX
BTMA
GTM
SWISSMEM

SYMATEX
TMAS
UCMTF
VDMA

Show Organiser



Connect with Us



Find Out More

