



Tex-Connect

An initiative by the Textiles Department, Government of Maharashtra



I am pleased to report the remarkable success of Maharashtra's participation as a Partner State during Bharat Tex 2024. We participated in the event wholeheartedly, taking advantage of this opportunity to represent Maharashtra's cultural traditions and futuristic outlook towards in the textile and apparel industry. With the launch of our latest policy, we used this global stage to reaffirm our efforts to provide a suitable investment destination

with attractive incentives and improved Ease of Doing Business. With the event witnessing attendance from organizations globally, we grandly participated, illustrating the contribution of the textile sector and its sub-industries to the growth of its fiscal and social economy. At the event, the Department announced a scheme for setting up 18 Mini Textile Parks, expected to attract investment up to INR 1,800 crore and generate direct and indirect employment for approximately 36,000 individuals. Eight MoUs were signed across industry, academia, and skilling, continuing our vision of facilitating an integrated textile ecosystem. India's role as host of such a prestigious event signals the dawn of a new age, heralding bright rays of prosperity and progress, and Maharashtra has positioned itself to play a key role in this journey.

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Shri. Chandrakant (Dada) Patil
 Hon'ble Minister Textiles
 Government of Maharashtra

SECTOR IN FOCUS: Sustainability in Textiles

Sustainability: A global need of the hour

Sustainability and Circularity in industrial production is an increasingly crucial global priority, with the rapid acceleration of climate change and its subsequent impact. Sustainable Development Goal 12 (SDG 12) aims to 'Ensure Sustainable Consumption and Production Patterns'. Prior to that, Millenium Development Goal 7 aimed to 'Ensure Environmental Sustainability', echoing the same priorities for the international community for over a decade.

Textiles and Apparel is one such industry that is infamous for its highly polluting production processes as well as increased waste due to growing population and consumer demand.



Consumer demand for textile and apparel is on the rise

Concerning environmentally harmful processes, as per the World Bank, the fashion industry accounts for 17-20% of global industrial water pollution, with water usage expected to increase by 50% by FY 2030. Each year, the textile industry is responsible for 8% of global greenhouse gas production and 9% of microplastic pollution.

In addition, consumption patterns have consistently increased. 'Textile Utility' (or the number of times an item is used before it is discarded) has decreased by approximately 36% in 15 years leading to more waste. A booming population with easy availability of affordable textile and apparel products has further exacerbated the issue of poor resource

efficiency and textiles being considered as use-and-throw products. However, consumers have become conscious about their purchases, demanding sustainability for products and services.

Therefore, the shift towards sustainability starts from assessing raw materials utilised, ensuring that they are grown using minimal resources and do not have any adverse environmental impact even when discarded. Non-conventional and bio-based fibres such as banana, bamboo, maize and coir as well as recycled fibres have slowly been gaining popularity and need greater impetus as an industry.



Bamboo towels are a sustainable alternative

The adoption of green and renewable sources of energy such as solar, wind or bioenergy is gradually being undertaken as a step towards sustainability. Known to be extremely water-intensive, research is also underway to develop new technology such as waterless and eco-friendly dyes that not only safeguard the environment but are cost-effective.

Proper waste management is key to ensuring sustainability. This includes assessing effluent and pre and post-consumer waste management practices. The impetus is on the correct handling of textile waste, rooting right from its segregation and eventual disposal. Therefore, there is a need to analyse and regulate all components of industry.

SECTOR IN FOCUS: Sustainability in Textiles

Sustainability as core to the Indian Ethos

Sustainability is an age-old concept in India core to our traditional ethos of minimising waste. Repairing, reusing and recycling (upcycling or downcycling) of clothes has been a common practice followed by our ancestors, and continues to be a core component of our identity.

However, at a mass scale, the textile industry in India has a potentially debilitating environmental impact. In producing 7,800 kilotonnes of textile waste annually, India accounts for 8.5% of the total worldwide textile waste. From this total, 51% of waste originates post-consumer, 42% is generated pre-consumer or during the manufacturing process and the remainder 7% is imported into the country for disposal.



Large amounts of textile waste is still a key issue in India

While the value system exists, India's sustainable or circular textiles industry requires greater stakeholder coordination, research, funding and structure. There is a need to enforce sustainability as a crucial business process for stakeholders by understanding sustainability challenges across the value chain, from using green energy and processing raw materials to managing textile waste.

In addition, by investing in shared green industrial infrastructure and monitoring its use through digital technologies, we will be able to move forward in our goals. By further integrating these measures in policy and regulation, we will gradually shift from

thinking of sustainability as a 'good to have' feature to a 'must have' inclusion, both in design as well as business models.

Lastly, there is an inherent need for collaboration and synergy in efforts taken by industry, the State and Central Governments. Cross-sectoral events and multi-stakeholder discussions between domestic and international players will enable a collaborative environment for innovation and sharing of best practices.

FROM THE POLICY

By virtue of its name, the Integrated and Sustainable Textile Policy 2023-2028 aims to lay down a future-looking roadmap for the sector towards a sustainable future. The policy highlights the importance of transitioning towards a sustainable value chain that employs the 3R model of Reduce, Reuse and Recycle.

Special incentives have been given to for the establishment of Effluent Treatment Plants (ETP), Common Effluent Treatment Plants, and Zero Liquid Discharge (ZLD) plants, Solar Plants, Common Steam Generation Plants and new Recycling Projects. The policy also incentivises the production and use of non-conventional yarn and fibres as well as for research and development in the field.

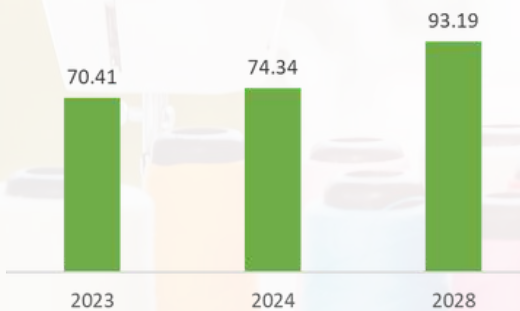
The policy aims to leverage the capabilities of the institutions of excellence for innovation and research in sustainability. As such, MoUs have been signed between the Textiles Department and academic and research institutions of repute within the state of Maharashtra.

MARKET ANALYSIS: Sustainability in Textiles

Overview

Market trends for sustainability in the textile and apparel sector can be analysed from a variety of perspectives, with each of them depicting an upward, positive trend. This is a result of increasing consumer awareness and concern regarding the social and environmental impact of purchased goods. In addition, global brands, especially those from nations with strict environmental regulations such as the European Union, are demanding transparency and accountability with their stakeholders and products.

In terms of using ecologically friendly raw materials, the natural fibres market is expected to see a positive growth trend. The market value is expected to grow from USD 70.41 billion in 2023 to USD 93.16 billion in 2028 at a CAGR of 4.6%.



Growth of the global natural fibres market in USD billion

The global textile waste recycling market was last valued at USD 6.5 billion in 2022 and is expected to grow at a CAGR of 6.2% to reach USD 9.9 billion by 2030. From this, cotton is expected to contribute to over 51% of all sales in the segment.



Growth of the global textile waste recycling market in USD billion

Ethical Fashion: An emerging trend

Ethical fashion is an industry trend that pushes the envelope beyond sustainability. Ethical fashion aims to ensure accountability in measuring the impact on the environment and society and includes sub-segments such as Fair Trade, Cruelty-Free, Eco-Friendly and Charity. Products may be Organic, Regenerates, Recycled or Natural. The ethical fashion market is expected to grow from USD 7,548.2 million in 2022 to USD 16,819.0 million in 2032 at a CAGR of 8.6%.



Growth of the global ethical fashion market in USD million

Government of India Initiatives

The Ministry of Textiles has undertaken several initiatives towards a sustainable and circular textile and apparel ecosystem, which are as follows:

1. A Textile Advisory Group (TAG) for cotton has been set up to solve issues on the cotton value chain.
2. The Kasturi Cotton Bharat program has been launched to improve traceability and certification of Indian cotton.
3. An ESG Task Force has been constituted by the Ministry of Textiles to support industry in transitioning to a sustainable and resource-efficient production system.
4. Bharat Tex 2024 was held in New Delhi, serving as a global platform for industry. The event focussed on sustainability as one of its key tenets.
5. Launch of Project SU.RE - Sustainable Revolution to promote the achievement of SGD goals for the textile sector.

EVENTS

Bharat Tex 2024: Maharashtra Pavilion

Maharashtra participated as a State Partner at the Bharat Tex 2024 event, one of the largest global textile expositions in India, hosted by a Consortium of Indian Textile Export Promotion Councils (EPCs) and supported by the Ministry of Textiles.

Representing India's 5F vision for the textiles industry right from Farm to Fibre to Factory to Fashion to Foreign, the Maharashtra Pavilions spanning over 1400 sqm were set up at two venues in New Delhi Bharat Mandapam at Pragati Maidan and Yashobhoomi at Dwarka from the 26th to the 29th of February 2024. The event was inaugurated by Hon'ble Prime Minister Shri. Narendra Modi.



Maharashtra Pavilion at Bharat Mandapam

The state's participation in this esteemed event marks a significant milestone in its journey toward revitalizing and advancing its textile sector. The event had an attendance of 3500+ exhibitors, 3000+ overseas buyers, 40,000 trade visitors, and 50+ knowledge sessions and roundtables.

Maharashtra Pavilion was inaugurated by Shri Virendra Singh IAS, Secretary, Textiles Department, Government of Maharashtra, in the presence of Shri Avishyant Panda IAS, Commissioner, Commissionerate of Textiles, Smt. R. Vimala IAS, CEO, Maharashtra State Khadi Village Industries Board and Shri Anil Bhandari IAS, Joint CEO, Maharashtra Industrial Development Corporation.



Dignitaries light the ceremonial lamp to inaugurate the Pavilion

The exhibition at the Maharashtra Pavilion was designed to showcase the work of institutions that significantly contribute to the sector in the state. 21 exhibitors from the Textiles Department, Industries Department, academic institutions of excellence as well as young firms and start-ups set up stalls at the Pavilion.

From exquisite handloom creations to modern industrial textiles, the exhibition highlighted the state's commitment to fostering the growth of its textile sector across various segments.



Shri Virendra Singh, Secretary Textiles interacting with the Smt. R. Vimala, CEO at the MSKVIB stall

The Pavilion design was centred around the theme of celebrating 350 years of the coronation or 'Shiv Rajyabhishek' of Chhatrapati Shivaji Maharaja.

EVENTS

Bharat Tex 2024: Maharashtra Pavilion (Cont).

The Pavilion focussed on promoting the Integrated and Sustainable Textile Policy 2023-2028, therefore stalls providing information were set up. A Policy Desk was set up to provide a one-stop point for information regarding the Policy for potential investors and keen visitors. A PM MITRA Park Desk also provided information regarding the upcoming park at Amravati. The Policy Brochure and Thought Leadership launched by the Department, titled 'Decadal Outlook for Textile Industry' were also made available for visitors.



The Policy Desk catered to many visitors' queries during the event

The Maharashtra Pavilion served as a dynamic stage where cutting-edge technology met the intricate world of textiles. To address queries faced by potential investors, an Incentive Calculator application developed by ICICI Bank was showcased by the Department.

The Calculator was specifically designed for individuals and businesses to estimate subsidies across various sectors of the textile value chain and is based on the provisions of the Integrated and Sustainable Textile Policy 2023-2028 issued by the Textiles Department, Government of Maharashtra. Through the live demonstration and personalized consultation using the Incentive Calculators, potential investors were able to experience how Ease of Doing Business (EODB) is being nurtured in Maharashtra.

Through interactive displays, Virtual Try-On Mirrors, and immersive feedback experiences, visitors were captivated by the showcase of the state's textiles industry and its revolutionization. Augmented reality and interactive installations allowed users to visualize designs in real time, experiment with customization options, and explore the intricate details of Maharashtra's textile portfolio.



Visitors digitally experiencing Traditional Textiles of Maharashtra through the 'Virtual Try On' mirror

The Feedback Wall was covered with messages from domestic and international visitors, all of whom appreciated the Pavilion and its design.



Shri Rohit Kansal IAS, Additional Secretary, Ministry of Textiles, Government of India interacting with the feedback wall

The interactive digital features of the Pavilion made it a popular spot for visitors.

EVENTS

Bharat Tex 2024: Maharashtra Pavilion (Cont).

Maharashtra organized a State Session as well as knowledge sessions on various themes within the textile sector at the Bharat Tex event to bring together and facilitate a collaborative dialogue between key stakeholders including industry, government, research institutions, industry associations, NGOs, etc.



Shri Virendra Singh, Secretary Textiles delivers his presentation during the State Session.

During the State Session, Shri Virendra Singh, Secretary Textiles, Government of Maharashtra made a brief presentation to the audience on the Integrated and Sustainable Textile Policy 2023-28. He highlighted that the word integrated implies that the policy encompasses a comprehensive and holistic approach that considers various interconnected aspects of the textile industry.

The Secretary made special mention of the Government scheme to establish **18 Mini Textile Parks** across the state, fostering an ecosystem for textile manufacturing, attracting total investment worth INR 1800 crore and generating direct and indirect employment for approximately 36,000 individuals. These parks are envisioned to create an environment conducive to the entire spectrum of textile manufacturing, promoting innovation and nurturing sustainable growth.

The first panel discussion was held on “Charting the Path Forward for Organizing the Technical Textile Sector: Exploring Government Support”.



Shri Virendra Singh, Secretary Textiles shares his views with his fellow panellists

The conversation was centered on the importance of collaborations between Government, academic and research institutions to bridge the gap between research and application in technical textiles.

The second panel discussion was held on “Reforming the Traditional Textile Sector of Maharashtra – Preserving our Cultural Heritage Through Art of Textiles”. The discussions focussed on strategies for safeguarding indigenous weaving practices, supporting artisanal communities, and promoting sustainable enterprises.



Smt. Charu Malhotra, Co-Founder and Managing Director, Primus Partners moderates the session

ANNOUNCEMENTS

Department Visit to Hon'ble Minister's Residence

Post the success of Tex Future 2023, the Department's first large-scale event, a meeting was held at Hon'ble Minister of Textiles, Shri Chandrakant (Dada) Patil's residence in Mumbai. Shri Virendra Singh, Secretary (Textiles) attended the visit alongside officials from the Textiles Department who played an instrumental role in organising and managing the event.



Officials from the Textiles Department in attendance for the visit

During the visit, the Hon'ble Minister took feedback from each member present at the visit. He then thanked the Secretary for his vision and leadership that drove the event to success. He also individually thanked each Department official for their contribution, highlighting how the spirit of teamwork and smooth communication was the reason behind the event being well-received.

Government Resolutions Issued

The Textiles Department has issued nine Government Resolutions under the Policy:

1. Regarding providing subsidy for setting up sheds for automatic reeling machine/multiend reeling machine/twisting unit under state scheme under Integrated and Sustainable Textile Policy 2023-28
2. Administrative approval for providing subsidy to setting up Mini Textile Park in the State.
3. Amendments in the Integrated and Sustainable Textile Policy, 2023-28.
4. Regarding establishment and development of Maharashtra Silk Training Institute and Decentralized Training Institute to develop sericulture and ancillary industries.
5. For the development of sericulture and ancillary industries based on the establishment of open government market and raw silk exchange market for purchase and sale of mulberry and tussar kosh/yarn.
6. Regarding the development of broodstock production centers and basic seed farms for the development of sericulture and dependent industries under the Integrated and Sustainable Textile Policy 2023-28.
7. To constitute a committee to draft the Maharashtra State Textiles Development Act
8. Regarding Setting up of a Committee to Determine Eligible Machinery for Benefit of Capital Subsidy to other Machinery under Maha-Technology Upgradation Fund Scheme (Maha-TUFS)
9. Regarding granting administrative approval to implement Silk Samagra-2 ISDSI scheme under Central Sector Scheme

These GRs are available on the [official website](#).

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