Man-made fibres Clothiers of mankind

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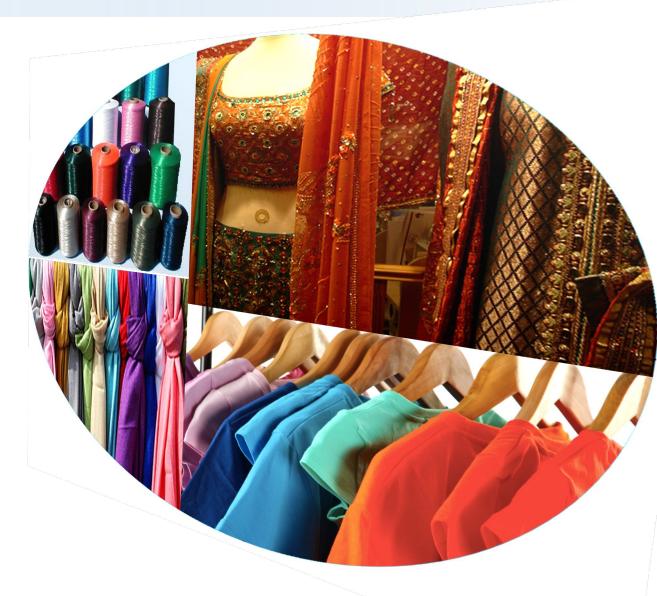


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Global textile perspective

- Polyester the future fibre of choice
- Textile sustainability and role of polyester
- Indian textile perspective

Conclusion

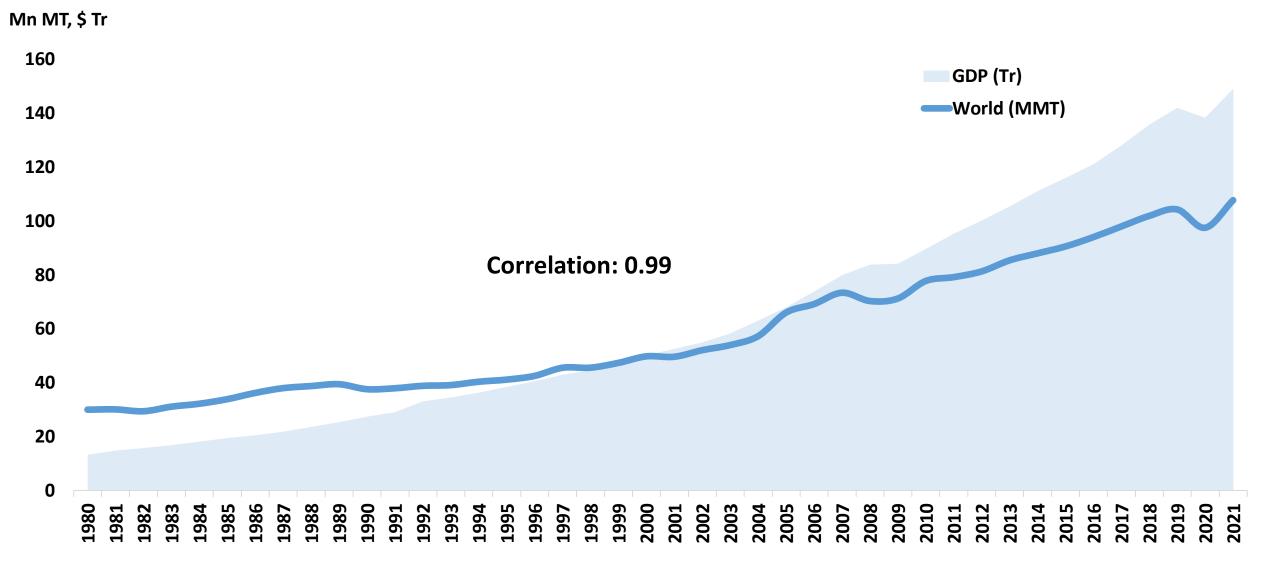


A Global Perspective



GDP and fibre consumption

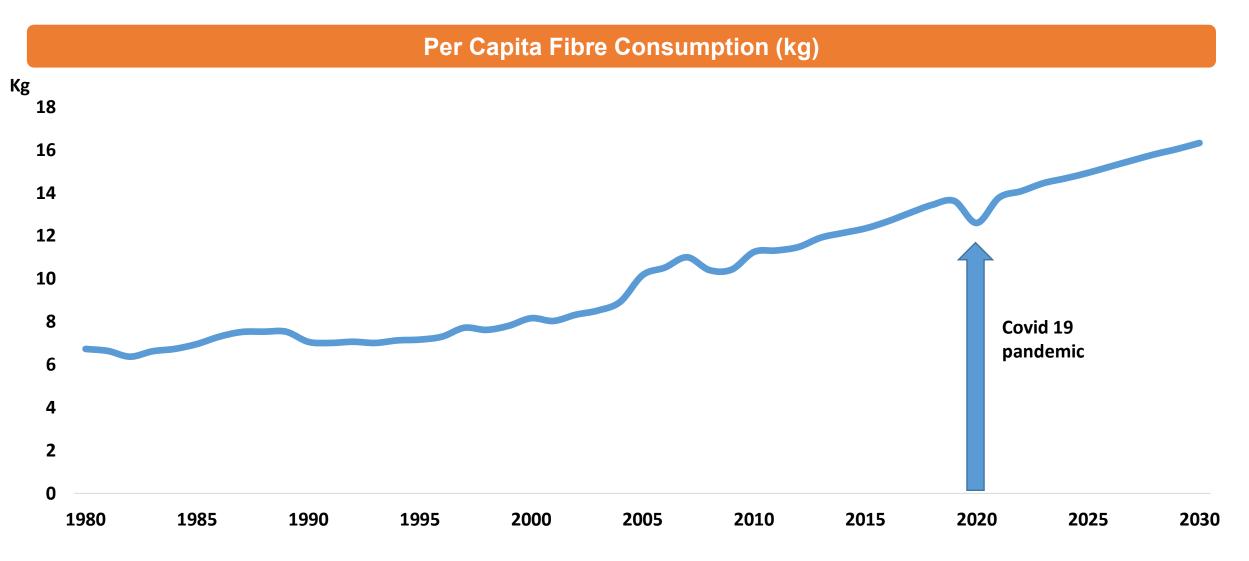




Strong correlation signals fibre consumption growth inline with GDP

Revival in global fibre consumption

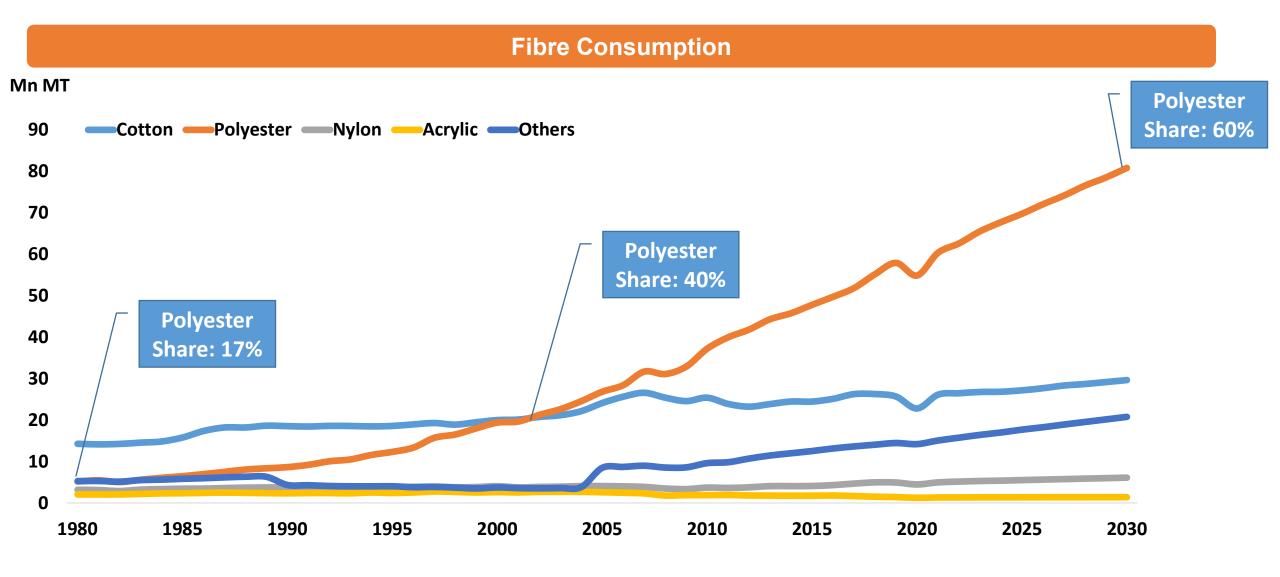




Pandemic blip recovered, consumption expected to rise strongly

Global fibre consumption pattern

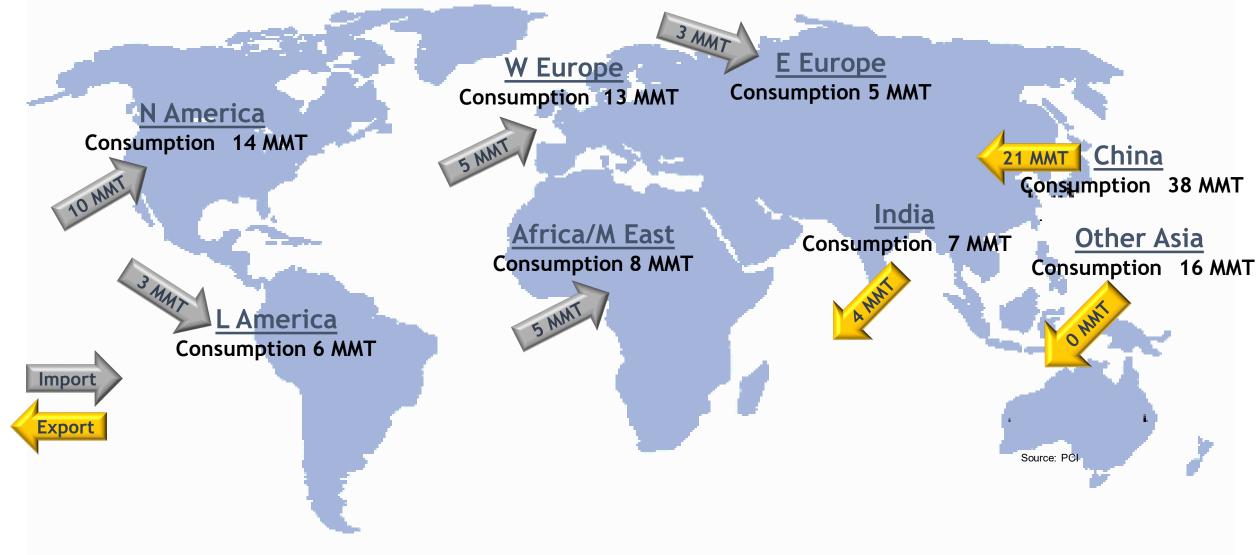




Polyester has proven itself as the clothier of the mankind

Global fibre trade map

Consumer Consumption & All Fibre Trade

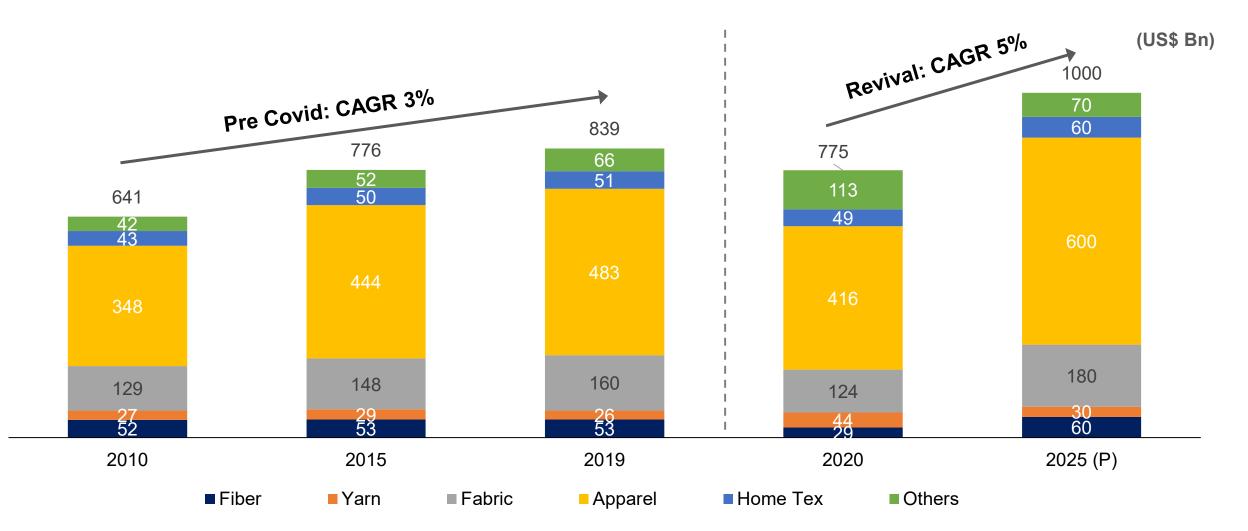


Asia: Clothiers to the World



Global textile and apparel trade





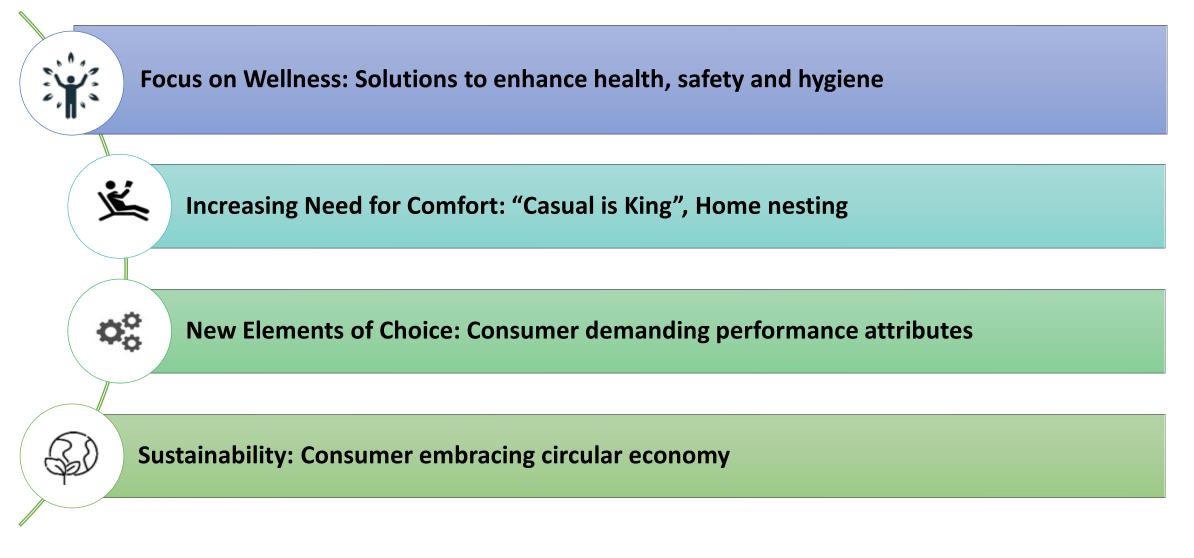
Global trade to grow at 5% CAGR (2020-25), Apparel largest segment



Shifting Trends: Polyester redefining consumer landscape



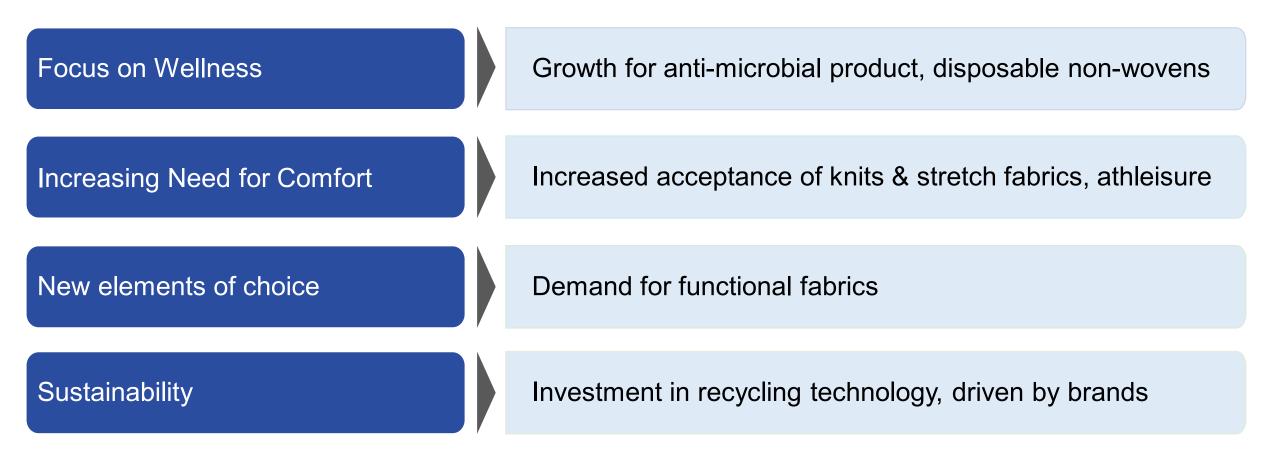
Shifting trends in the new era



Emerging trends to fulfil the consumer needs

Impact of emerging trends on textiles

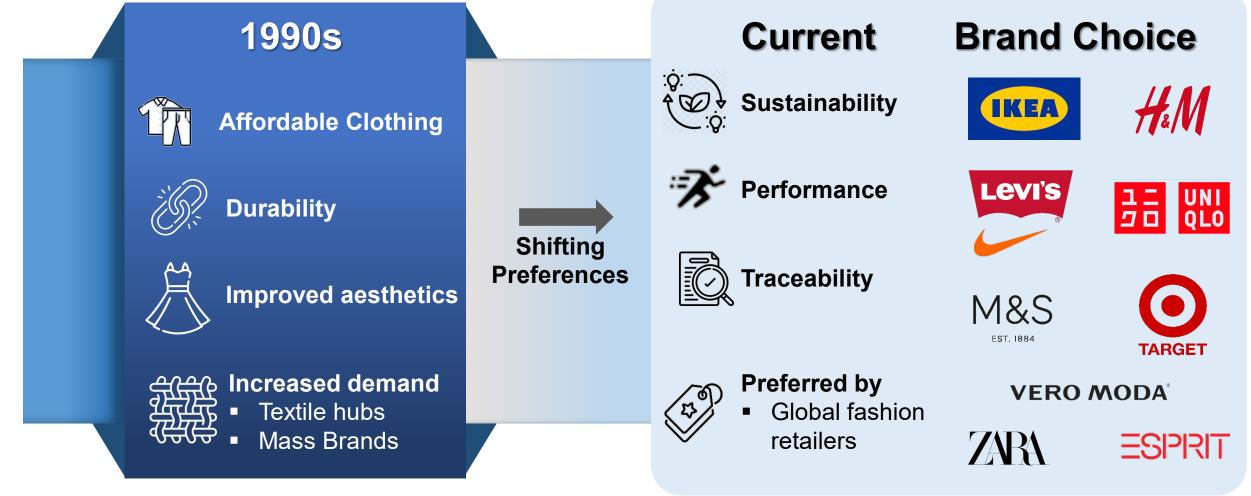




Flexibility & Innovation to drive the consumer demand

Polyester – Redefining the fashion landscape





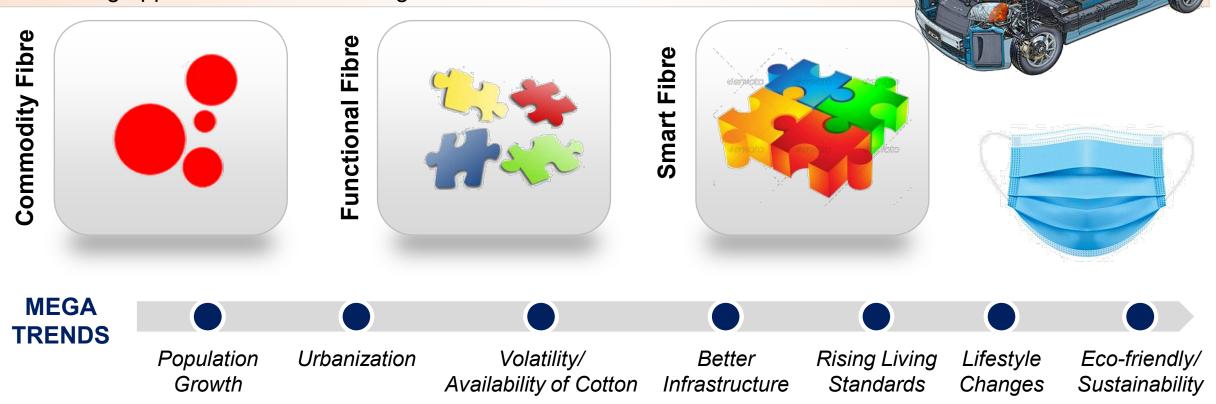
Source - https://www.lectra.com/en/library/polyester-fiber-the-impact-of-fashion-brands-on-ocean-pollution

Journey from basic to performance clothing

Polyester fibre: Growing functionally

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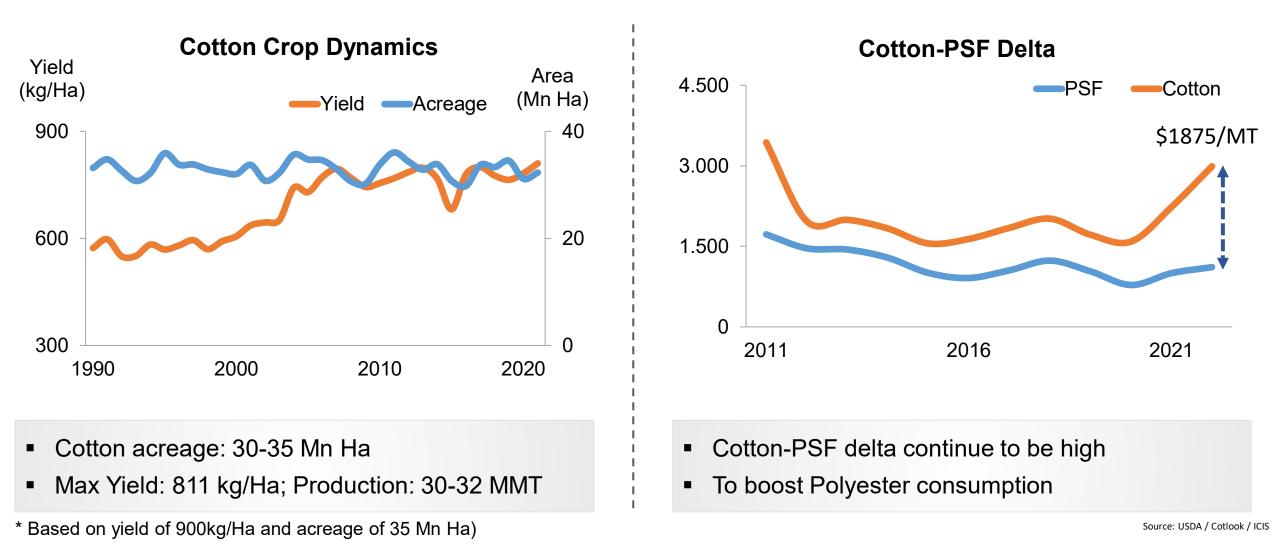
- Multifunctional: Combining various functions into one affordable fibre
- Examples are (DD+AMF+FR), (LP+AMF), (DD+UV), Fibres with Microchips
- Evolving applications driven shifting economic dimensions



Innovation in Polyester to capture the mega trends

Cotton availability is limited



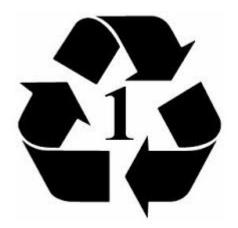


Cotton is scarce and Polyester most affordable & versatile to meet the future needs

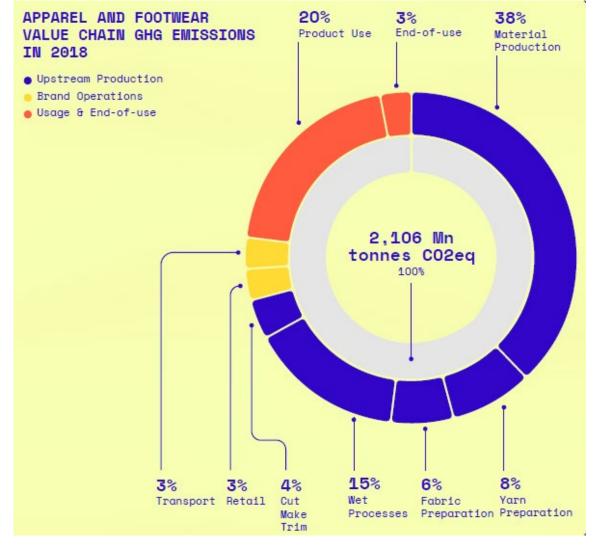


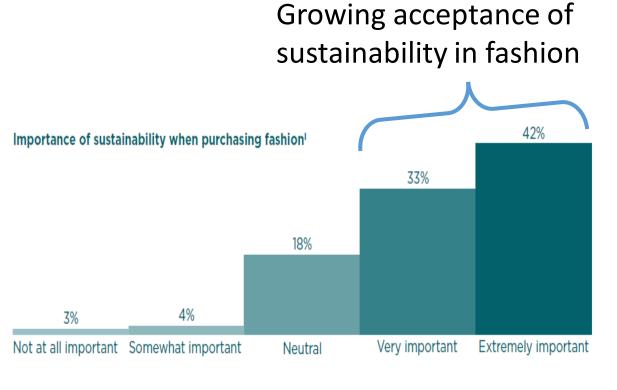


Sustainability by Polyester



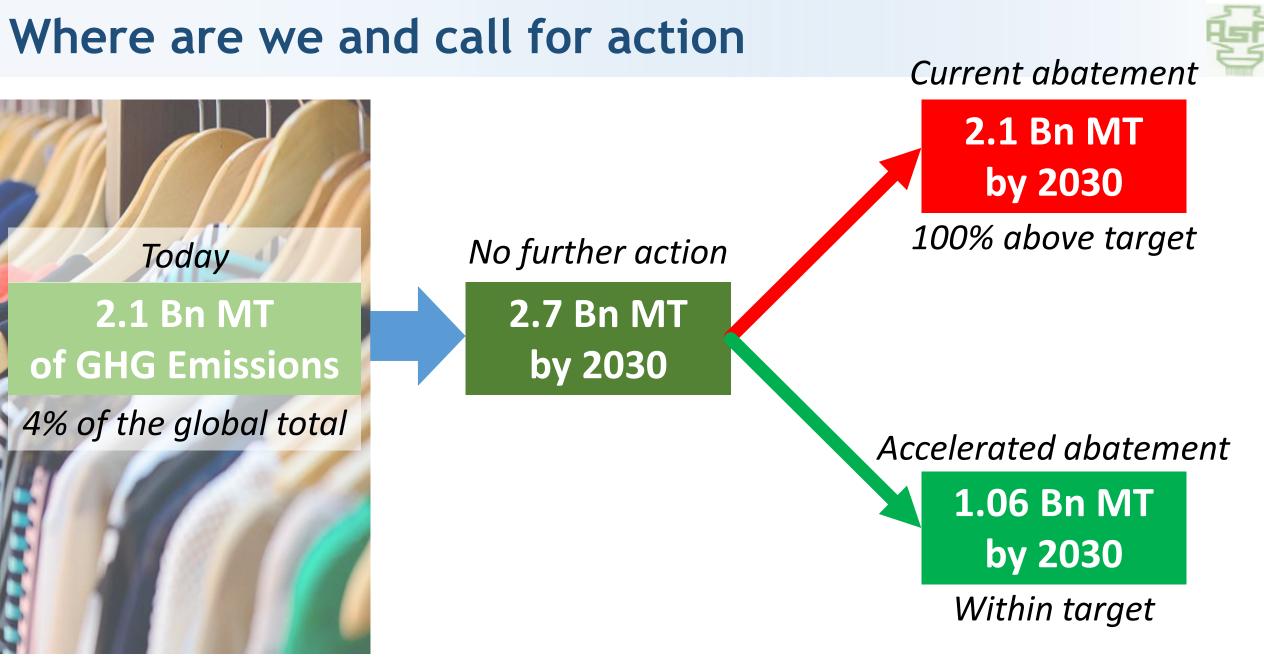
Being environmentally responsible





Source: McKinsey

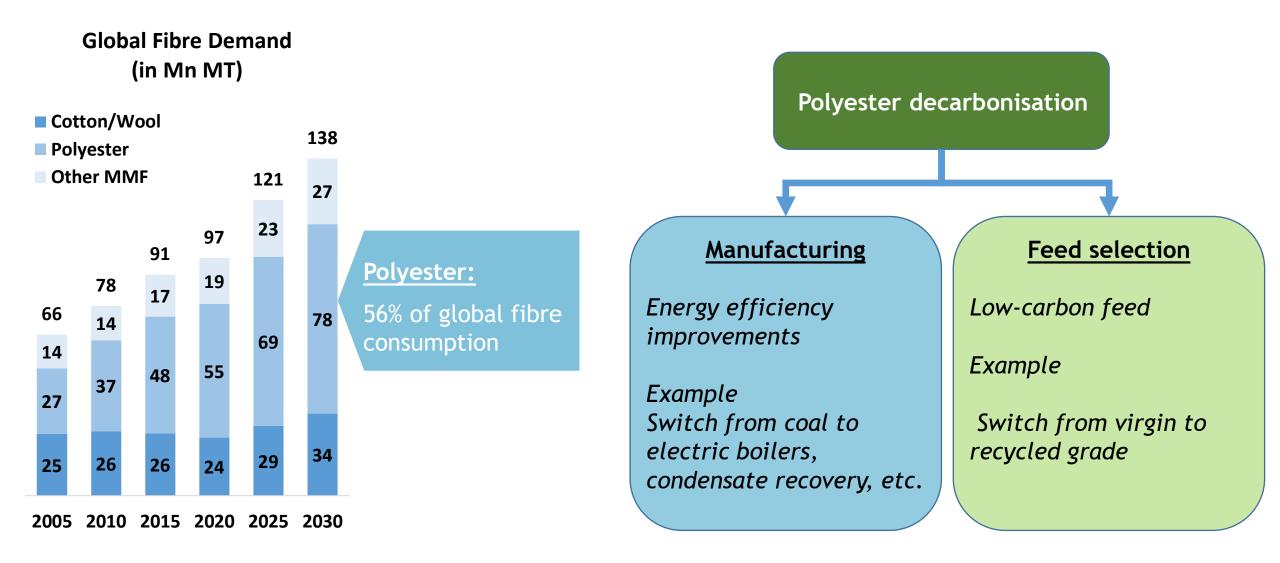
Fashion industry accounts for 4% of global GHG emissions \rightarrow high time to mend ways



Need for industry wide coalition towards energy efficient processes and products

Polyester: Major MMF to target for decarbonisation

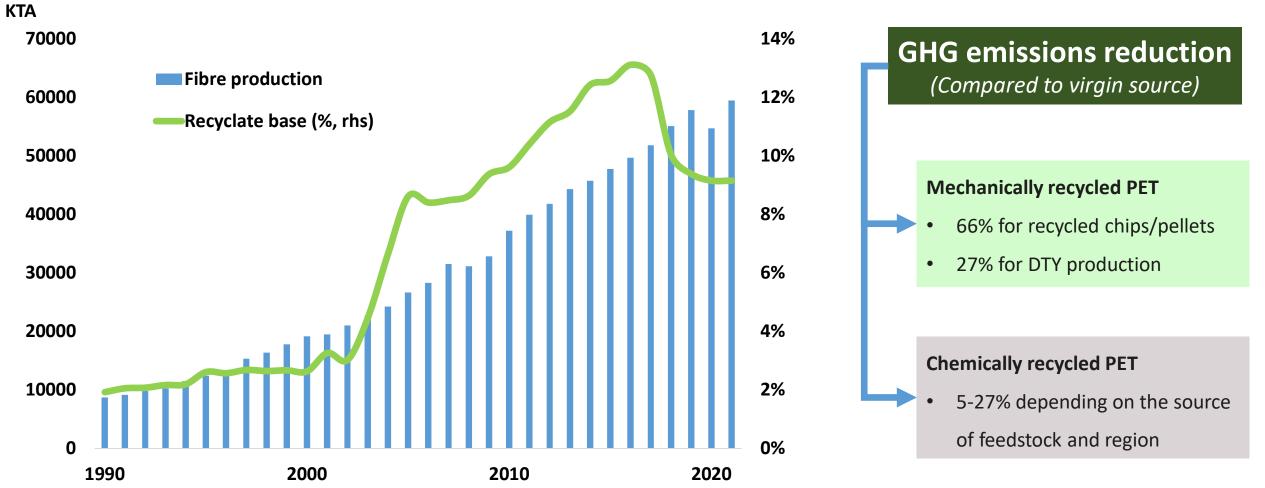




Polyester has to be pioneer in promoting low carbon based products

Recycled polyester growth





Declining recycled polyester share \rightarrow calls for better techniques & research

Recycled PET - A promise for lower GHG emissions



Strategies for growing r-PET acceptance Push Pull **Recycling capability Brand** action Scale of recycling technology providers Drive need for recycled products Improve recycling infrastructure Partner with rPET providers for financial Automated sorting technologies support (By Textile Exchange and UNFCCC) **Consumer action Government** action the uptake c Incentivising adoption/recycling Awareness of recycled products Framing regulations for adoption **De-stigmatizing acceptance** Building infrastructure for adoption

Indian Growth



Growth drivers for India



Per Capita Consumption: India 5.7 Kg; Global 14.2 Kg



Young Demography: Driving demand for comfort wear, denims and cotton feel

Working Women: Higher growth in demand for Hygiene products & Women's wear

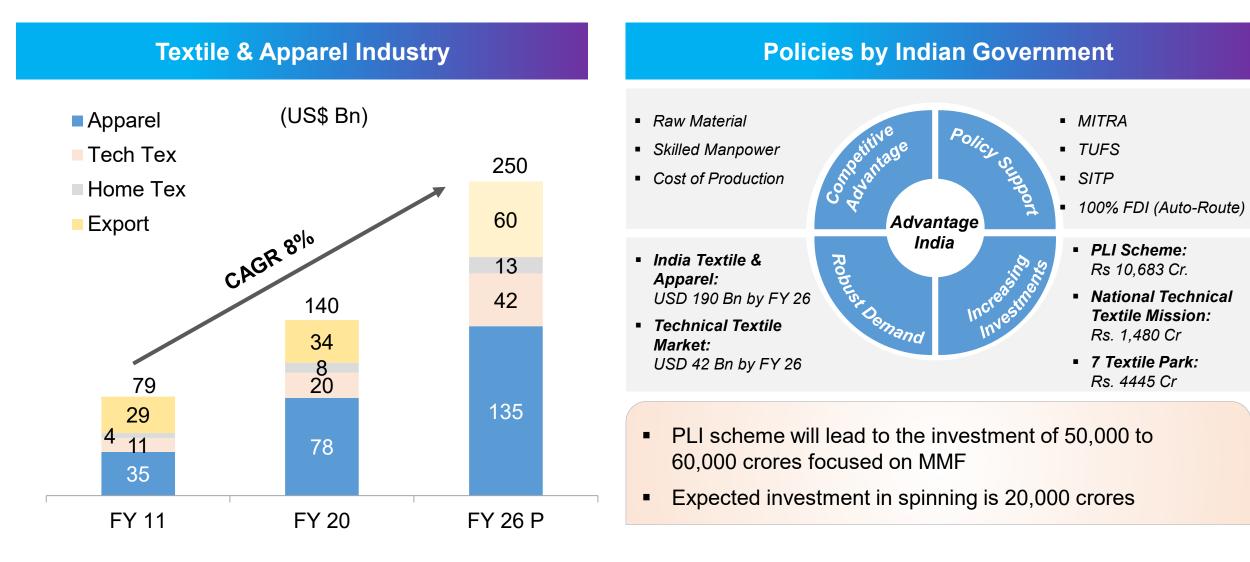
Urbanisation: More demand for Home Textiles China Plus One Policy: To boost manufacturing & higher exports from India GOI Focus on Infrastructure: Rapid Growth for Technical Textiles



Strong domestic growth to provide a stable support to the investments

Textiles Growth Potential in India





Next 5 years, an investment of US\$ 30 Bn will be required

Revising focus to enhance capability



Apparel/Clothing Fibres Yarns \$ 30 Bn \$ 298 Bn \$ 38 Bn \$ 30 Bn 43% 47% 74% 92% 49% 52% 26% 7% 8% 1% 1% Bangladesh India China Vietnam

Export structure of Asian textile producers

✓ 2nd largest producer of fibres \checkmark 25% of global spindles \checkmark 7% of high-speed looms ✓ 5% of knitting machines Focus **Areas** Limited processing facilities \checkmark ✓ Limited garmenting facilities

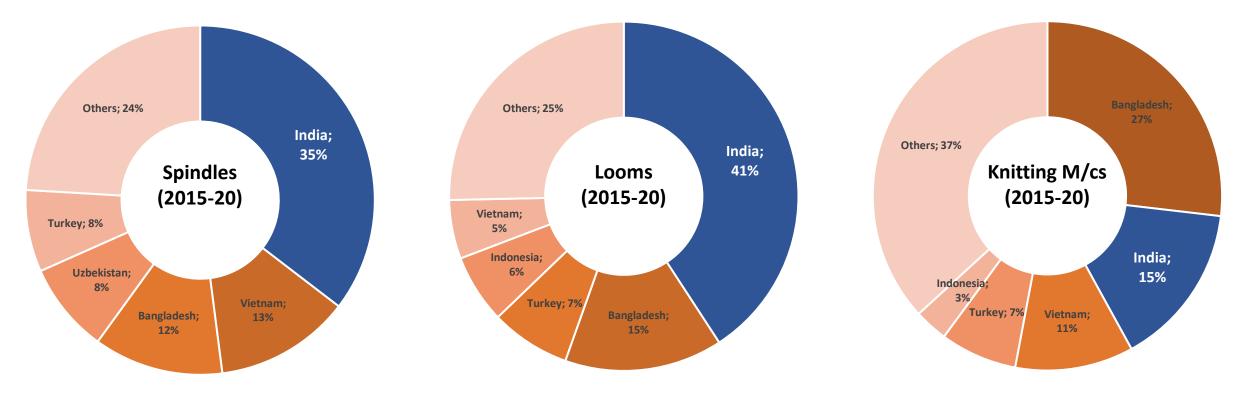
Source: UNCOMTRADE

Strong RM base to boost downstream integration \rightarrow Right opportunity to invest

New sourcing alternatives



Global textile machinery investment (World less China)



Source: ITMF

India stands out in having significant investments in all segments of textile machinery

Paving way for a choice sourcing alternative in the new global sourcing strategy ²⁵

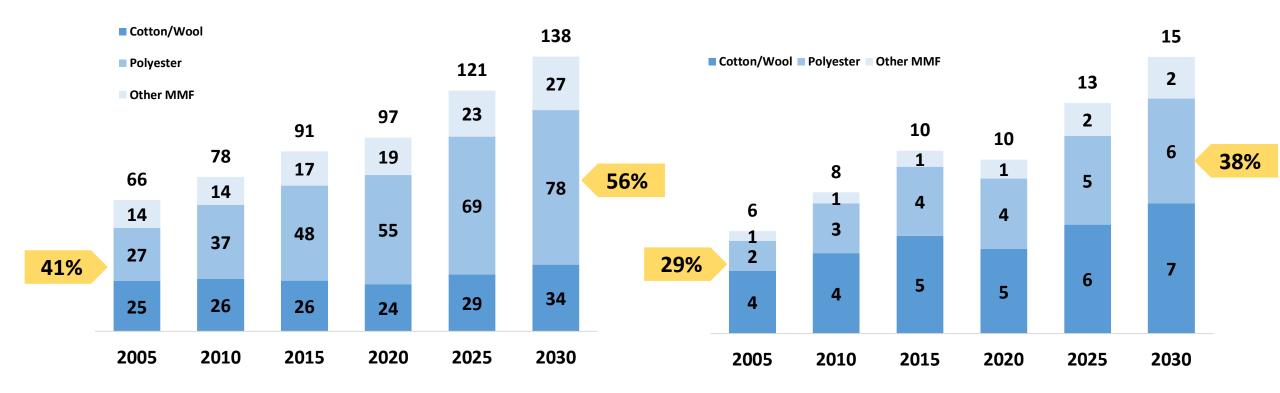
India: Growing the global way



All fig in MMT

Global Fibre Demand

India Fibre Demand

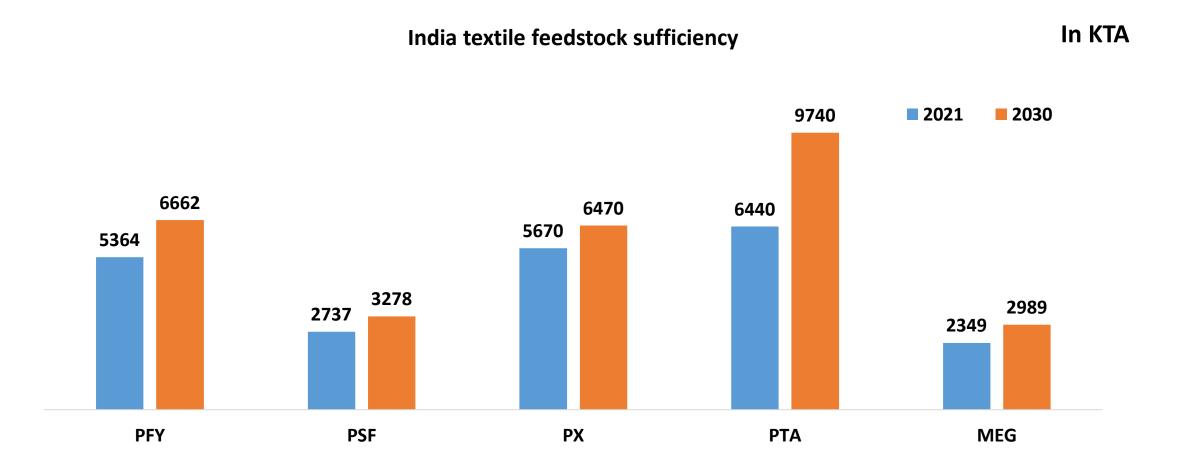


Source: Woodmac

India gradually tending to adopt MMF, still a way to go

India capacity growth

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Source: Woodmac

India accounting for over 10% of global growth \rightarrow equipped to serve global demand

Supportive Government



50% FDI allowed

- 8 Centres of Excellence
- 11 Focus Incubation Centres



Mega Investment Textiles Parks – 7 textile parks over 3 years

PLI scheme: Outlay of Rs 10683 Cr. Target segment: MMF and technical textiles

National Technical Textiles Mission (2020-21 to 2023-24) outlay of Rs.1480 Cr

Remission of Duties and Taxes on Exported Products (RoDTEP) Scheme

Import duty on cotton imports

Working hand-in-hand towards growth



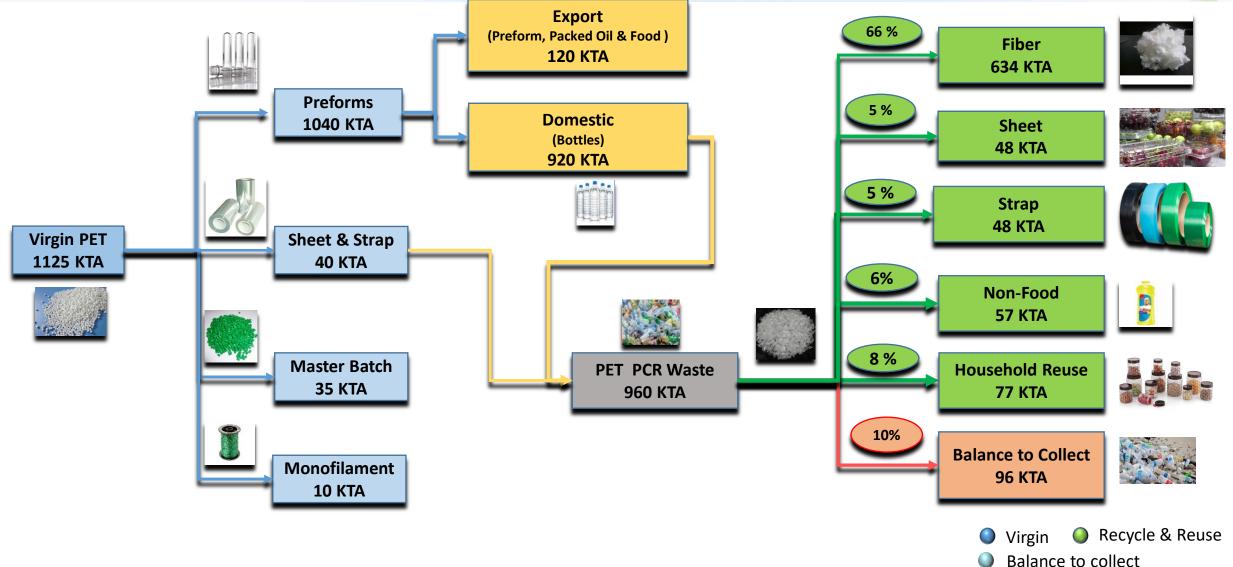


India: Sustainability



India: PET recycling rate





More than 90% recycling rate for PET, over 21 bn bottles processed

India: Regulatory and advocacy



Industry collaboration facilitating policy framework to promote

- ✓ Management of single use plastics
- ✓ Extended producer responsibility
- ✓ Building recycling value chain

Segregation at source helps further recycling



Facilitating better infrastructure for through industry collaboration

India: Awareness creation & communication



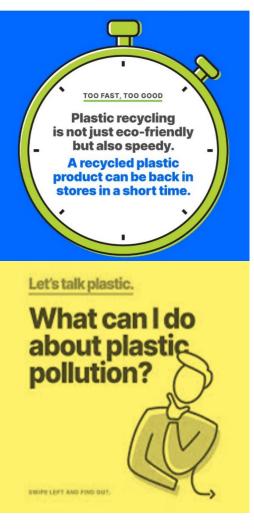
✓ Conducting Awareness and Educating on Fighting Pollution

✓ Collaborations with UN Environment Programme (UNEP), Reliance

Foundation, Alliance to End Plastic Waste (AEPW)

- ✓ Creating positive stories at local clean-up drives
- ✓ Communication initiatives to Fight Pollution, Not Plastics (FPNP)

Creating consumer sensitiveness for acceptance of recycled products



Conclusion

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- Global economy is reviving back after the Covid pandemic, textile growth will follow
- Polyester the main backbone of the global textile industry is gaining prominence in India
- Polyester is transforming from affordable to functional clothing
- Sustainability is a global concern and textile industry is collaboratively working to keep global warming within limits
- India is strongly focused on the growth of the textile industry, with varied Govt policies supporting the holistic development of the industry
- India is rightly poised to the supplier of choice and investment destination for the global textile industry

