

# Pakistan's Textile and Leather sector: Initiatives in Value addition, and sustainability

# Initiatives for Value Addition

| Sector            | Company               | Initiative   | Remarks   |
|-------------------|-----------------------|--|---|
| Yarns and Fabrics | Masood Textiles       | <ul style="list-style-type: none"> <li>• Celliant with direlease yarn</li> <li>• Polypropylene yarn</li> <li>• Merino wool</li> <li>• Lenzing Modal Fibre</li> <li>• Micromodal Fibre</li> <li>• Tencel Fibre</li> </ul>   | These are the value added products and are modal fabrics with performance features that have anti creasing, low shrinkage, color bonding and wicking effect   |
|                   | Interloop Pvt Ltd     | <ul style="list-style-type: none"> <li>• <b>Banana Stem Fabric for Hosiery</b></li> <li>• The fabric is heat resistant, water resistant and grease proof. Moreover, it is strong and durable</li> </ul>  | Developed and Licensed by NTU, this fiber is being blended in denim for Simply Suzette and hosiery for Dinner Service NY, both American brands  |
|                   |                       | <ul style="list-style-type: none"> <li>• Launched Interloop Organic Kapas (ILOK) project to develop an organic cotton supply chain in Pakistan, piloting with 2000 farmers</li> </ul>  | Covering over 10,000 acres in Southern Punjab and achieving In Conversion Organic Cotton 1 (IC1) certification, the project supports the company's goal to achieve 100% sustainable cotton usage by 2025.   |
|                   | Artistic Fabric Mills | <ul style="list-style-type: none"> <li>• New sustainable woven fabric range with Radianza fiber.</li> <li>• The yarn requires only 20% water compared to conventional dyeing</li> <li>• Moreover no need to dye at yarn and fabric stage, no dyestuff discharge or effluent</li> </ul> | One of the most environment friendly and sustainable fibres made. Adopted by Artistic Fabric Mills: a move towards value Sustainability and innovation within Pakistan. This move has been initiated in collaboration with Thai Acrylic Fibre Co Ltd. |

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| Home Textiles | Utopia Industries  | <ul style="list-style-type: none"> <li>Pioneers in Pakistan in the Use of Microfibers in towels and made-ups, Microfibers' products demands are surging around the world</li> </ul> | Pioneers of Microfiber based textiles' products in Pakistan: Used for a high degree of value addition and product development                         |
|               | <ol style="list-style-type: none"> <li>1. AlKaram Towels</li> <li>2. Gul Ahmed Textiles</li> </ol> | <ul style="list-style-type: none"> <li>Use of Bamboo-fibers in towels' manufacturing.</li> </ul>  | An initiative by Bamboo towels made of bamboo fiber/yarn are recognized for their lavishly soft and fluffy texture in contrast to pure cotton towels. |

# Sustainability Compliance Initiatives

| Sector           | Company      | Initiative  | Remarks  |
|------------------|--------------|---|--|
| Yarn and Fabrics | Nishat Mills | <ul style="list-style-type: none"><li>• Four water preservation/ induction wells to replenish the underground water table fo</li><li>• Effluent treatment plants. The Company collects 7 ton per month inorganic waste from around industrial units located near its production facility at Bhikki and uses it as an alternative energy source</li><li>• Caustic Soda Recovery Plant, Sizing Recovery Plant, Cotton Recovery Plant and Lube Oil Recovery Plant.</li></ul> | Initiative towards sustainable energy production and water conservation  |
|                  | Sapphire     | <ul style="list-style-type: none"><li>• An installed capacity of 500KW of solar power, and have plans in the future to upscale this figure to over 5MW.</li><li>• 65 million plastic bottles recycled to fabric</li><li>• 18,500 tons of carbon offset using renewable energy</li></ul>   | Initiative for sustainable energy production and recycling of materials to ensure minimum wastage and carbon footprint |

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| Home textiles | Sapphire Textiles   | <ul style="list-style-type: none"> <li>• Bedsheets, duvets, filling materials from Biodegradable Polyester which allows synthetic plastic-based fibers to behave more like natural fibers.</li> </ul>  | Initiative towards sustainable manufacturing and use of recycled products                        |
|               | Utopia Industries   | <ul style="list-style-type: none"> <li>• Generating 4500 tons of biofuels/month</li> <li>• 70% fuel reduction</li> <li>• 20kw Solar based Power Generation</li> </ul>  | Initiative towards electricity conservation and sustainable energy manufacturing                 |
|               | Lucky textile mills | <ul style="list-style-type: none"> <li>• Effluent water treatment plant as per international standards</li> <li>• Water recycling plant and water recovery system</li> <li>• Worn again initiative: use of non-reusable products (textiles, PET bottles etc) in manufacturing</li> </ul> | Initiative towards sustainable manufacturing and use of recycled products and water conservation |
|               | Feroze 1888 mills   | <ul style="list-style-type: none"> <li>• 1096 MW/h Solar power generation</li> <li>• Sustainable packaging</li> <li>• Saving 1400 tons of cotton through recycling</li> <li>• 33% water saving through MCS machines and condensate recovery system</li> </ul>                            | Initiative towards sustainable energy production and water conservation                          |

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| Apparel | Interloop          | <ul style="list-style-type: none"> <li>Launched '<a href="#">Looptrace</a>' project, an end-to-end supply chain traceability database.</li> </ul>  | Looptrace targets three areas of supply chain traceability raw materials, processing, and labor. The data is shared with downstream stakeholders. This is a step towards the upcoming digital passport requirements of EU.  |
|         | Soorty Enterprises | <ul style="list-style-type: none"> <li><a href="#">Launched</a> the Soorty Organic Cotton Initiative (SOCI) with over 13,000 farmers enrolled and producing over 700 tons of organic cotton</li> </ul> | Launched in Balochistan with partnership of WWF, with the aided aim to promote development in the province. The project aims to produce cotton with bio-fertilizers and non-toxic pest controls. Currently, the program has 52 Farmer Field Schools (FFS) training each farmer twice a month. |
|         | Mahmood Group      | <ul style="list-style-type: none"> <li><a href="#">Got</a> the highest rated LEED Platinum certification for their facility in Multan</li> </ul>   | The certification is based on the solar power installation of 23 MW, rainwater harvesting, effluent treatment plants, daylight utilization, and water conserving technology that delivers 45% water savings.  |

# Sustainability Compliance Initiatives

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| Leather sector | Leather working group: | Leather Working Group (LWG) is a global multi-stakeholder community committed to building a sustainable future with responsible leather. | <b><u>In Pakistan, a total of 44 firms have acquired LWG certification so far. In the last 2 years, this number has doubled.</u></b> Big brands in the EU and US have hinted that by the end of 2024, sourcing for leather garments and accessories shall be undertaken from LWG-certified units only. Our leather exporters and manufacturers are cognizant of this and as a result, upscaling their commitment to sustainable and responsible leather production. |