

FOLLOW AND IMPLEMENT SUSTAINABLE PRACTICES

A Design-driven Guideline to reduce, repurpose and manage textile waste in sun blind production

The following guideline introduces design-driven strategies tailored for SMEs to implement sustainable practices, focusing on waste reduction and material re-evaluation. By investing in circular economy principles, companies not only demonstrate environmental responsibility but also take steps towards contributing to a more sustainable future. These strategies aim to minimize environmental impact while maximizing resource efficiency, aligning with the broader goal of promoting sustainability within industries.

TO REDUCE

New strategies

Implement innovative approaches within the production process to minimize waste generation and maximize material efficiency.

Educate & Awareness

Raise awareness among employees and customers about the presence and consequences of waste, emphasizing the environmental impact of consumer choices.

Monitoring Tools

Invest in advanced monitoring tools for waste management during production, enabling real-time tracking and optimization of waste reduction efforts.

TO INVEST

Diversify Product Palette

Expand the product range to include fabrics made from recycled or partially recycled materials, fostering market transformation towards sustainability.

Offer Sustainable Variants

Provide customers with sustainable product options, including those with minor imperfections, while maintaining a balance between quality and price.

Off-Cut Sales

Explore opportunities to sell surplus fabric rolls or off-cuts to other small-scale artisans or services like WeaveWise, promoting resource reuse and circularity.

TO CHANGE

Supply Chain Collaboration

Strengthen collaboration across the supply chain to improve efficiency and facilitate the adoption of sustainable practices.

Cross-Disciplinary Designers

Collaborate with designers from various sectors to generate creative ideas and practical solutions that meet industry needs while extending the lifespan of materials.

Circular Model

Allocate resources towards transforming the existing linear production system into a more circular one, focusing on waste reduction and resource optimization.



WeaveWise

A Design Vision
to **reduce, repurpose, and manage**
textile waste in the Sun Blind Industry

What is WeaveWise?

The WeaveWise service addresses the issue of post-production waste in the Swiss textile industry, with a specific focus on waste generated during the manufacturing of textiles for awnings. Currently, this waste constitutes approximately 20% - 30% of fabric production and is typically disposed of through incineration, leading to environmental pollution and resource depletion.

The primary goal of the service is to optimize waste management during the production process and ultimately repurpose discarded materials. Additionally, the service aims to minimize waste by maximizing resource utilization through alternative cycles, thus extending the lifespan of previously consumed resources.

For whom is WeaveWise?

The WeaveWise service supports the sun blinds Swiss Industries production with sustainable solutions. It offers design improvements for manufacturing. For companies in this sector, WeaveWise is crucial for reducing waste and adopting sustainable practices.

The service leads to a shift towards sustainability in these companies. Cutting waste and finding new uses for materials helps move towards a circular economy. This way, WeaveWise helps businesses become leaders in sustainability, benefiting both their bottom line and the environment.

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