

# SUSTIRA

## Eco-Product Innovation & Sustainable Event Frameworks

Sustira bridges traditional heritage with modern ecological engineering. This brochure outlines sustainable alternatives in the textiles sector and details eco-conscious frameworks for zero-waste visual and material infrastructure across corporate and public events.

### 1. Next-Generation Sustainable Textiles

- Banana Leaf & Pseudo-Stem Fiber: Sustainable fibers extracted from agricultural waste with high durability, natural luster, and eco-friendly appeal.
- Sendriya Malbary Handloom: Organic sericulture and traditional handloom weaving using chemical-free mulberry cultivation.

### Technical Focus: Sendriya Malbary Saree Synthesis

- Fiber Optimization using organic silk and banana pseudo-stem micro-yarns.
- Organic Dye Processing using botanical infusions like Indigo, Madder Root, and Marigold.
- Thermal Comfort and breathable weave structure with reduced environmental impact.

### 2. Zero-Waste Event Planning Architecture

- Eco-Friendly Visual Scaffolding with bamboo structures and soy-based printing.
- Living & Botanical Decor using native plants and reusable green installations.
- Material Flow & Operational Protocols focusing on compostables, segregation, and recycling efficiency.

**“Engineering Ecological Harmony into Material Design and Shared Spaces.”**