Sustainable Textiles for Sustainable Development – SusTex

Presented by: RAVI KHARKA
Title: SENIOR PROGRAMME MANAGER

Implementing partners:
Traidcraft UK,
AIACA (All India Artisans and Craftworkers Welfare Association),
COTEX (Confederation of Textile Exporters)

The SWITCH-Asia Network Facility is funded by the European Union
Project Objective:
To promote the production and consumption of eco-friendly textiles and improve employment and working conditions of artisans in India.

Grant: 1,672,945 Euros

Target Group:
• 25000 Individual Artisans (family members)
• 500+ M/SMEs engaged in textiles
• Policy Makers- Central Govt. Ministries and State Government departments
• Textile Parks – SITPs. (under PPP)

The textile industry is one of the most ecologically harmful industries in the world. In India, the textile effluent averages 1.608 Cr Litres per day.

Facts and Figures
Making a difference….

- The project promotes SCP through awareness raising and capacity building of SMEs through research, training, dissemination and advocacy with government and industry.

**Activities**
- Establishment of a model eco-friendly park in Rajasthan
- Development of a Toolkit on Sustainable Textile Production (TSTP)
- Policy Research and Advocacy on Environment and Occupational Health and Safety issues
- Action Research on Low cost Technologies for Effluent Treatment
- Market Research (India and Europe) and Product Development

**Strategies**
- Consultation Workshops with Government and Industry
- Training of Artisans in Sustainable Textile Production
- Skill Development Workshops
- Dissemination Workshops
- Dissemination of policy briefs and research material
- Pilot ETP Projects
- Engaging with community based organizations for dissemination and replication

**Target Group**
- 500 textile related SMEs in Rajasthan
- 14+ textile clusters in India
- Over 30 textile parks approved by the government
- Other textile clusters across India will benefit from research & project learning
Results

- 100% eco-friendly products – (Brand – Jaipur Bloc)
- Reduced contamination of the local environment & water sources,
- CETP Recycling 85% - 90% effluents, (500 KLD – Kilo Letres per day.) ZLD Compliant.
- Rain Water harvesting (17 million Lts), efficiency practices; each unit has rain water storage
- Producing 55 kW electricity from Solar Grids.
- Ergonomic & well-lit workstations.
- 1500+ local employment.
- 1000 block printers are trained & 79% employed.
Pictorial - Results

Rain Water Harvesting & Management System (Above);
State of Art CETP – Common Effluent Treatment Plant (Below)
Results

- A tool kit on Sustainable Textile Production is produced and disseminated in 26 Textile Parks and 2000+ M/SMEs.
- Models for low cost & efficient technologies and on OHS, in the form of toolkit is disseminated in 10 textile craft clusters.
- Established 03 varied volume and technology low cost ETPs (Effluent Treatment Plants) for demonstrations., all are ZLD (Zero Liquid Discharge) Compliant.
- Improved quality of working conditions for artisans & workers by implementing OHS Guidelines & Policies.
- OHS, Environments and GI , recommendations are adopted by Govt .of India in 12 Five Year Plan (Handloom & Handicraft).
Challenges

- Environmental Legislation: Very Stringent and poorly managed & monitored
- Central and State Subjects (water and ground contamination are state subject)
- High Volume Waste specially water.
- Responsible Consumerism.
- Awareness about compliant Brand and Labeling (Eco-Standards/ labeling).
- Compatible schemes to meet the requirements of MSMEs.
- Single Window Clearances for compliances.
- OHS, GI and Environmental Issues.
‘Different qualities of water from pre to post testing of effluent’
Way Forward: **Going Green**

- Green Consumerism
- Green Production (Branding-Labeling)
- Green Incentives.
- Green Investment.
- Green Procurements.
Going Green

Awarded under SWITCH-Asia V Call.
From 01 Jan 2014 till Dec 2017.
Facts and Figures

Project Objective: Contributing to the Economic Competitiveness of the Indian Textile Industry and Promote the well-being of textile artisans.

Budget: (Jan 2014 – Dec 2017)

€ 1,197,779.00
\ 8,98,33,425.00 (@75/ €)

Stakeholders:
• 250 M/SMEs
• 12,500 Artisans
• NGOs/CSO’s, Government Departments and
• International Business Houses
Policy Intervention Opportunities

- **Green Production**
  - Branding and Labelling
  - Chemical Use, Raw material & Recycling

- **Green Investment**
  - ETPs – Environmental Policies and Finance
  - Carbon-Credit – under CDM

- **Green Procurement**
  - Influencing Public Sector Procurement
  - Setting Specific Criteria and Standards

- **Green Consumerism**
  - Consumer Protection of Rights
  - Regulation around Authenticity
Database of Suppliers: Sustainable Textile Production
(Organic Cotton, Natural Dyes and Effluent Treatment Plants in India)

This database is an output of market research undertaken in the "Sustainable Textiles for Sustainable Development Project" funded by the European Commission. It is an exhaustive list of suppliers of organic cotton, natural dyes and technical exports of effluent treatment plants in India. It compiles market information including contact details, price points and minimum order quantities under three categories. Detailed primary/secondary research was conducted to authenticate information provided in the database.

The resource is targeted towards SMEs, producer groups and buyers interested in procuring sustainable raw materials and establishing effective waste management systems in the handloom and handicraft sector.

Database

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Search

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Thank you!

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Project`s website: www.aiacaonline.org
(under impact section Project SusTex)