

Training Program and Curriculum Development for Sustainability in Textiles

Promotion of Sustainability in the Textile and Garment Industry in Asia -FABRIC

Objectives

- i. Advanced knowledge exchange in selected topics of sustainability in textiles**
- ii. Necessary skills for Master curriculum development for sustainability in textiles**
 - i. Improve contents of existing subjects
 - ii. Design and deliver training in sustainability in textiles
 - iii. Develop a new curriculum/module in sustainability in textiles
- iii. Enhance capacity to work/cooperate with industry for sustainability in textile manufacturing**
- iv. University networking for sustainability in textiles**

1. 9 Selected advanced (technical) topics for sustainability in textiles:

- Textile Production Waste
- Textile Industry as part of a Circular Economy
- Recycling Technologies
- Textile Wastewater Treatment
- Sludge Treatment and Disposal
- Textile waste (soil), water and air Emission
- Chemical Management in Textile Factories
- Resource Efficiency in Textile Factories
- Best Available Technologies (EU Reference Document for the Textiles Industry BAT / BREF)

2. Curriculum development skills for sustainability topics

- Curriculum integrating Sustainability topics in the textile manufacturing
- Training Need and Demand Assessment for sustainability in the textile manufacturing
- Modular handbook (content, workload and didactic as well as reference description)
- Modern education, teaching and ToT skills
- Development of a common curriculum for sustainability topics

Learning Methodology

- **Interactive learning**
 - ✓ State of the art in selected universities of Vietnam
 - ✓ Stage of the advanced knowledge and best practice in the textile industry
 - ✓ Industrial need and their demand on qualified engineers / professionals
- **Group works and presentation**
- **Sharing experiences**
 - ✓ Universities in Vietnam
 - ✓ Industries of Vietnam
 - ✓ Universities in Germany and the Region (i.e. Bangladesh, giz FABRICS Network)

Expected outcome

- i. Teaching content improvement in sustainability in textile in 6 participating universities in VN
- ii. Curriculum development in a module/subject for 2-3 universities
- iii. A common curriculum in sustainability in textile is developed in modular approach
- iv. A network of universities in sustainability in textiles is established

Monitoring/Evaluation/Certification

- i. Attendance sheet**
- ii. Daily evaluation**
- iii. Final evaluation**
- iv. Follow up advisory and impact assessment**
- v. Certification by GIZ FABRIC**

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