

## WORKSHOP AGENDA

### Training Program and Curriculum Development in Selected Topics on Sustainability in Textiles 13<sup>th</sup> June to 17<sup>th</sup> June, 2022

Place: Saigon Prince Hotel, 63 Nguyen Hue, District 1, Ho Chi Minh City

#### DAY 1 – Monday 13/6/2022

Time	Topics
08.00–08.15	Registration
08.15-08.30	Opening remarks - <i>Phan Thi Quynh Chi – Program Officer GIZ FABRIC</i>
08.30 – 08.45	Remark by a representative from universities – <i>Dr. Bui Mai Huong</i>
08.45 – 9.00	<ul style="list-style-type: none"><li>Workshop introduction – <i>Mr. Juergen Porst - Consultancy Team leader</i></li><li>Self-introduction by Master Trainers.</li></ul>
09.00 – 09.30	Self-introduction by participating universities
09.30 – 10.00	Overview of Sustainability in Textiles being offered in Vietnam Universities - <i>Dr. Le Song Thanh Quynh - HCMUT</i>
10.00 – 10.45	Industry Demand and Current Trends in Sustainability in Textiles – - <i>Mr. Rakesh Vazinari – Head of Business Function – Products Sustainability – TUV Rheinland</i>
10.45 – 11.00	<b>Tea Break</b>
11.00 – 12.00	Legal requirements & stipulations from international agencies, global standards and regulations – <i>Mr. Helmut Krist – GIZ Consultant</i>
12.00 -13.00	<b>Lunch Break</b>
<b>TECHNICAL SELECTED TOPICS</b>	
<b>Session 1: Textile Production Waste</b>	
13.00 – 13.30	Textile production waste management - State of the knowledge in Vietnam – case of HaUI in Vietnam - <i>Dr. Luu Thi Tho – HaUI</i>
13.30 – 14.30	Textile production waste management, effluent and its treatment <i>Mr. Helmut Krist – GIZ Consultant</i>
14.30 – 15.00	<b>Q&amp;A</b> (facilitator: Dr. Luu Thi Tho)
15.00-15.15	<b>Tea Break</b>
<b>Session 2: Circularity</b>	
15.15-16.00	Circularity in the textile sector – <i>Mr. Helmut Krist – GIZ Consultant</i>
16.00 -16.30	<b>Q&amp;A</b> (facilitator: Dr. Le Song Thanh Quynh)
16.30 – 16.45	<b>Daily evaluation and Close remark by Jurgen Porst</b>

**DAY 2 – Tuesday, 14/6/2022**

Time	Topics
08.00–08.15	Warm up activity of Day 2 – <b>HCMUT team</b>
<b>Session 3: Recycling</b>	
08.15 - 08.45	Recycling technologies topics being offered in HCMUT - <i>Dr. Bui Mai Huong - HCMUT</i>
08.45 –9.45	Recycling technologies in Textile Industry – <i>Mr. Helmut Krist – GIZ Consultant</i>
09.45 – 10.15	<b>Q&amp;A</b> (Facilitator; <i>Dr. Bui Mai Hương</i> )
10.15 -10.30	<b>Tea break</b>
<b>Session 4: Textile wastewater</b>	
10.30 – 11.00	Textile wastewater -State of the knowledge in HUST - <i>Dr. Vu Manh Hai – HUST</i>
11.00 –12.00	Pollution load in Textile wastewater – <i>Mr. Helmut Krist – GIZ Consultant</i>
<b>12.00 –13.00</b>	<b>Lunch Break</b>
13.00 – 13.30	Ecology courses in HTU - <i>MSc. Vu Duc Tan - HTU</i>
13.30 – 14.00	<b>Q&amp;A</b> (Facilitator: <i>Dr. Vu Manh Hai</i> )
<b>Session 5: Textile Sludge Treatment</b>	
14.00 –14.45	Sludge treatment and disposal – <i>Mr. Helmut Krist – GIZ Consultant</i> Q&A
<b>Session 6: Gaseous Emission in Textiles</b>	
14.45 –15.15	Gaseous emission related topics at HCMUT - <i>Dr. Phan Thanh Nhan - HCMUT</i>
15.15 –15.30	<b>Tea break</b>
15.30 –16h15	Gaseous emissions and air pollution - <i>Mr. Helmut Krist – GIZ Consultant</i>
16.15 – 16.45	<b>Q&amp;A</b> (Facilitator: <i>Dr. Le Song Thanh Quynh</i> )
16.45	<b>Daily evaluation and close remark</b> by <i>Jurgen Porst</i>

**DAY 3 – Wednesday, 15/6/2022**

Time	Topics
08.00-8.15	Warm up activity and orientation of Day 3 <b>HaUI Team</b>
<b>Session 7: Chemicals Management</b>	
08.15 - 9.00	Chemical Management topics being offered in HCMUT- <i>Trinh Thi Kim Hue - HCMUT</i>

9.00– 09.45	Chemical Management in Textile Factories – Mr. <i>Helmut Krist</i> – <i>GIZ Consultant</i>
09.45-10.15	<b>Q&amp;A</b> (Facilitator; Dr. Le Song Thanh Quynh)
10.15-10.30	Tea break
<b>Session 8: Resource Efficiency in Textiles</b>	
10.30-11.00	Energy Efficiency in Textile Factories – MSc. Ma Khai Hien - <i>EnerTEAM</i>
11.00-12.00	Water Efficiency in Textile Factories – <i>Prof. Florian Schindler</i> – <i>GIZ Consultant</i>
12.00-13.00	<b>Lunch Break</b>
<b>Session 9: BAT</b>	
13.00-13.30	<b>Q&amp;A</b> (Facilitator: Dr. Le Song Thanh Quynh)
13.30-14.30	Best Available Techniques, Best Environmental Practices – <i>Prof. Florian Schindler</i> – <i>GIZ Consultant</i>
14.30-15.00	<b>Q&amp;A</b> (Facilitator: Dr. Le Song Thanh Quynh)
15.00-15.15	<b>Tea break</b>
<b>CIRRICULUM DEVELOPMENT</b>	
15.15-15.30	Introduction to Berlin University of Applied science - <i>Prof. Florian Schindler</i> – <i>GIZ Consultant</i>
15.30-16.00	<b>Group work 1</b> - Sustainability in the textile manufacturing <i>Moderator: Prof. Schindler</i> <i>Co-moderator: Mr. Helmut</i>
16.00-16.30	Cont' Group work 1: university presentation
16.00– 16.30	
16.30-16.45	Reflection of the Curriculum session, conclusion & wrap up session Group – <b>Close remark by Jurgen</b>

#### DAY 4 – Thursday, 16/6/2022

Time	Topics
08.00-8.15	Clustering Group exercise
08.15 - 9.00	<b>Review Group work 1:</b> Sustainability in the textile manufacturing <i>Outputs Group work1: Topics of possible curriculum for each university</i>
9.00-9.30	Curriculum Development at the Berlin University of Applied Sciences - <i>Prof. Florian Schindler</i> – <i>GIZ Consultant</i>
9.30-10.00	Training Need and Demand Assessment for sustainability in the textile manufacturing - <i>Prof. Florian Schindler</i> – <i>GIZ Consultant</i>
10.00 –10.15	Tea Break
10.15-11.00	<b>Group work 2</b> - Curriculum development on sustainability in the textile manufacturing for each universities:

	<i>Moderator: Prof. Schindler, Co-moderator: Mr. Helmut Krist</i>
11.00-12.00	Cont' Group work 2 and university presentation <i>Output: Curriculum of each university for demand assessment</i>
12.00 – 13.00	<b>Lunch Break</b>
13.00 -13.30	Modular concept, with all elements and requirements (modular handbook examples) - <i>Prof. Florian Schindler – GIZ Consultant</i>
13.45 – 15.00	<b>Group work 3:</b> Modular concept, with all elements and requirements (modular handbook examples) and action plan for the implementation <i>Moderator: Prof. Schindler, Co-moderator: Mr. Helmut Krist</i>
15.00 – 15.15	Tea Break
15.15 – 16.00	Modern higher education - Modern education methods, Training of Trainers (ToT) - <i>Prof. Florian Schindler – GIZ Consultant</i>
16.00 – 16.30	Modern Engineering education - Development of dual study formats - <i>Prof. Florian Schindler – GIZ Consultant</i>
16.30 – 16.45	<b>Summary of recommendation, conclusion &amp; wrap up session – Close remark by Jurgen Porst</b>

#### DAY 5 – Friday, 17/6/2022

Time	Topics
08.00-08.15	Warm up activity and orientation of Day 5
08.15 - 09.00	Joint exercise for the common curriculum on sustainability with a modular structure, Review Group work and joint exercise for a module structure - <i>Moderator: Prof. Schindler, Co-moderator: Helmut Krist</i>
09.00 -10.00	Final joint exercise action planning for the integration of the modular structure into the curricular (module handbook)
10.00 – 10.15	<b>Tea Break</b>
10.15 – 11.00	Final presentation of action plan by the universities Implementation of the developed contents into the curriculum at each university (time and resource planning)
11.00 – 11.30	Conclusion and further action – <i>Juergen Porst – Consultant Team Leader</i>
11.30 – 11h45	Remark by a representative from participating universities
11.45 – 12.00	<b>Closing remark</b> – <i>Phan Thi Quynh Chi – GIZ FABRIC Program Officer</i>
12.15	<b>Lunch Break and Close</b>