

Capacity Development on Chemical Management Training programme for Multipliers

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

Agenda

Time	Topic	Duration	Facilitation by
10:30 AM	Welcome by FABRIC and ZDHC Project briefing 2021	15 min	GIZ
10:45 AM	Chemical Management in addressing the environmental and other emerging challenges faced by textile mills <ul style="list-style-type: none"> Reflection and outlook from Pakistan and other countries 	20 min	Jürgen Hannak (Virtual)
11:05 AM	Journey of ToT Program on Chemical Management <ul style="list-style-type: none"> Process, Progress, Results 	15 min	Arjmand
Tea Break (10 min)			
11:30 AM	Feedback from Participants <ul style="list-style-type: none"> On the ToT program and facilitation from the FABRIC 	20 min	Participants (Moderated by Salman, Arjmand)
11:50 AM	Insights from participants from service providers and academia about their experiences in practical phase	30 min	Participants
12:20 PM	Next Steps and Way Forward	15 min	Mariella Noto (Virtual)
12:35 PM	Certificate distribution and closing remarks by GIZ and ZDHC <ul style="list-style-type: none"> Certificate distribution for completion and participation 	10 min	GIZ
Lunch Break			

Welcome Remarks By Mr. Kamran Kashif

Welcome Remarks By Ms. Mariella Noto

Reflection and outlook on chemical management

Challenges/opportunities to look out for

- **New regulatory requirements** emerging from international conventions, protocols, SAICM
 - National regulatory framework
 - Brand requirements
- New **market requirements** in products` destination percolating through international value chains)
- Changing enforcement practices at national level resulting in need to expand CM service scope of **CM efforts** beyond export oriented facilities to **non-export oriented facilities** and sub-suppliers in wake of

Reflection and outlook on chemical management

Challenges/opportunities to look out for

Example 1 / New market requirements

“Lieferkettengesetz” („Act on Corporate Due Diligence Obligations in Supply Chains“), Germany, 25.06.2021

- brands in Germany
- possible adoption across EU as next step

Reflection and outlook on chemical management

Challenges/opportunities to look out for

Example 1 / New market requirements

“Lieferkettengesetz” („Act on Corporate Due Diligence Obligations in Supply Chains“), Germany, 25.06.2021

- **Identification and prioritization of risks** + impacts along the supply chain
 - Actual or potential damage on site (e.g. **unsafe handling of chemicals**)
- **Prevention and mitigation of risks** and impacts
 - Support development/implementation of industry-wide, **harmonized MRSL**
 - Establish **sound chemical management plans** at production site
 - Provide **training to management/workforce** on chemical use, storage, disposal, etc.
 - Establish subcontracting strategy, e.g. for sub-suppliers, chemical manufacturers/suppliers

Reflection and outlook on chemical management

Challenges/opportunities to look out for

Example 2 / New market requirements

“**Circular economy**” (see European Green deal and action plan on circular economy)

- Designing **sustainable products** (=> widening Ecodesign Directive)
 - ...addressing the presence of hazardous chemicals in products
 - ...reducing carbon and environmental footprints
- Comprehensive **EU Strategy for Textiles** planned
 - ...fewer emissions
 - ...resource efficiency
 - ...safe chemical use

Circularity targets of select global brands

Examples

- Inditex:
 - “100% of the cotton, linen, and polyester used will be organic, sustainable or recycled by 2025”
- Gap
 - “100% of the cotton used will be sustainable”
- H&M:
 - “100% of all materials used will be sustainably sourced or recycled in all products by 2030”

Reflection and outlook on chemical management

Possible future roles of facilitators

- **Keep track and support response** to new **regulatory requirements** (e.g. at sector level)
- Act as **go-between** in translating **new market requirements** in the supply chains
- Find **locally appropriate solutions** and approaches in response to new market requirements
- **Reach out** to the “un-reached” segment in sector

Journey of ToT Program on Chemical Management in Pakistan

ToT Program Overview

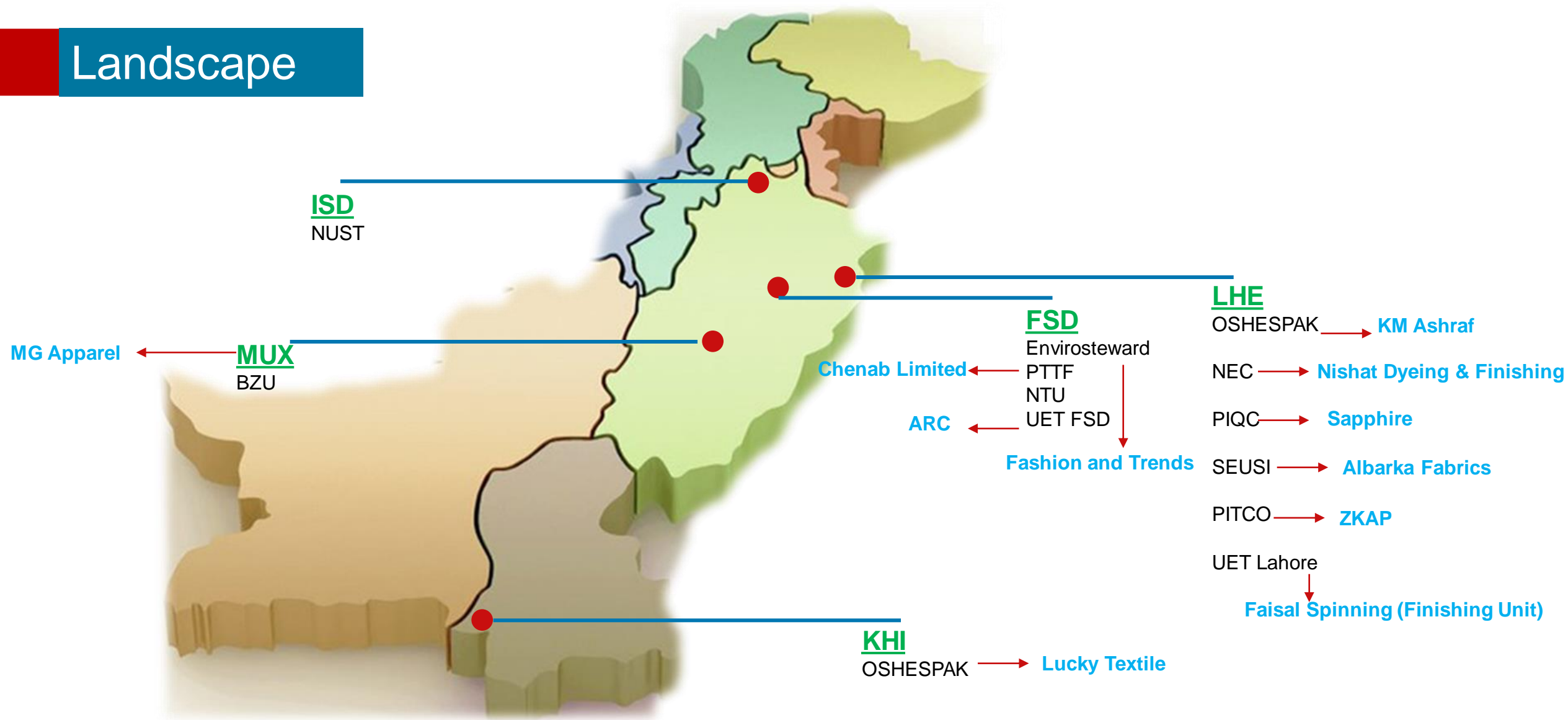
#	Steps	Date/Duration	Workshop
T1	Training Workshop	24-Jun-21	Introductory Workshop
I1	Deep dive into eLearning modules and sharing of feedback (Module 01 – 06)	02 Weeks	Participants registered at Atingi platform for eLearning modules
T2	Training Workshop	09-Jul-21	Interim Facilitation Workshop
I2	Deep dive into eLearning modules and sharing of feedback (Module 07 – 11)	02 Weeks	Participants progress through the eLearning modules
T3	Training Workshop	27-Jul-21	Reflection Workshop (Summing up Feedback from Participants)
T4	Training Workshop	28-Jul-21	ZDHC Workshop Session 01
T5	Training Workshop	29-Jul-21	ZDHC Workshop Session 02
T6	Training Workshop	05-Aug-21	Didactical Skills Workshop
T7	Training Workshop	12-Aug-21	Makeup Session for Academia
I3	Practical Implementation	18 Weeks	Factory outreach and onboarding
T8	Concluding Workshop	21-March-2022	Final Closing Workshop

Process Resources and Facilitators

Key Resource Persons	No.	Name	Designation	Organization
	1	Dr. Jurgen Hannak	Head of Circularity	Adelphi
	2	Dr. Benjamin Höhne	eLearning Expert	evoltas GmbH
	3	Dr. Florian Schindler	Technical Education Expert	Beuth University of Applied Sciences Berlin
	4	Rakesh Vazirani	Head of Sustainability Services	TÜV Rheinland Group
	5	Md. Wakil Hossain	Program Manager, Sustainability Services	TÜV Rheinland Group
	6	Shivendra Parmar	Senior Manager	TÜV Rheinland Group
	7	Arjmand Qayyum Amjad	Long-term Expert	Espire Consult for GIZ Fabric Consortium

Facilitators	No.	Name	Designation	Organization
	1	Gundolf Klaehn	Head of Environment, GIZ Textile Asia	GIZ
	2	Kamran Kashif	Component Manager – Cooperation Systems Development	GIZ
	3	Mudassar Adil	Textile Cluster Technical Advisor – Resource Efficiency	GIZ
4	Mariella Noto	Senior Implementation Manager, Implementation HUB	ZDHC	

Landscape



References

REMC

- Company Handbook
- Consultant Handbook

Atingi Modules



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Module 02: Mapping of chemicals and chemical flows

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Module 03: Chemical information sources and traceability

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Module 04: Assessing chemical hazards, exposure and risks

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Module 05: Identifying and documenting priority chemicals

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Module 06: Streamlining chemical purchase practices

7

Module 7: Preparing for chemical risk management

8

Module 08: Controlling chemical hazards and risks

9

Module 09: Managing chemical wastewater and waste

10

Module 10: Streamlining chemical management system and organization

11

Module 11: CM performance monitoring and reporting

Practical Phase



Factory Onboarding

Briefing and Scoping

Forming Team

Training of Team

Follow up and Support

Tea Break

Briefing by Sajjad Ahmad

OSHESPAK

Briefing by Dr. Shaheen Sardar

UET Faisalabad

Possibilities, Way Forward

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ZDHC Implementation HUB
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