

Introduction

The European Commission is currently undertaking the Switch Asia Program to promote economic prosperity and reduce poverty in Asian countries through sustainable growth with reduced environmental impact by industries and consumers, in line with international environmental agreements and processes.

In the first phase of Switch Asia program, fifteen projects are being implemented in ten countries of Asia. In Pakistan, Cleaner Production Institute (CPI) and Iqbal Hamid Trust are implementing the project of Sustainable and Cleaner Production in the Manufacturing Industries of Pakistan (SCI-Pak) in collaboration with ttz Bremerhaven and Centre on Sustainable Consumption & Production (CSCP) Germany.

SCI-Pak aims to develop a model for sustainable production in the textile and tannery sectors in Pakistan by promoting the more efficient technologies and processes throughout the supply chain and in consumer behavior. The project aspires to increase the technological capacity and know-how of Pakistani Small and Medium Enterprises (SMEs), induce technical innovations for promoting the indigenization of technologies and create a Sustainable Production Network.

In this connection, CPI arranged a half day **SMEs Seminar** in **Lahore** on **March 18, 2010** at **Hotel Sunfort** to promote, disseminate and scale up the project achievements. The seminar served as a forum of different stakeholders to share knowledge and experience through case studies, discussions and presentations. The activity also provided local industries with ample opportunity for networking and to establish relationships for technology transfer from Europe to Pakistan.

The Seminar Objectives:

The seminar aims were to:

- Introduce the project services, activities and progress
- Discuss the roles of project partners and other stakeholders for project implementation
- Share the environmental and energy efficiency options and provide cost effective solutions to textile and leather industries.
- Explore collaboration with existing and prospective partner industries for delivery of project services and opportunities

Resource Persons:

Following professionals from CPI and IHT teams acted as the resource persons in the seminar and shared their findings and recommendations with the industry representatives.

1. Mr. Shafqat Ullah (Program Manager, CPI)
2. Mr. Ammar Ahmad Yasir (Mechanical Engineer, IHT)
3. Mr. Shahid Rasheed (Chemical & Environmental Engineer, CPI)
4. Mr. Tahir Arshad (Chemical & Environmental Engineer, CPI)

Mode of Demonstration:

- Power Point Presentations
- Question/ Answer and Discussion Sessions

Proceedings:

Participants from the leading textile processing and tanning industries were invited to attend the event. The invitation package included a registration slip, an invitation letter from the CPI Programme Manager and the seminar program.



- The registration of participants started at 9.00 a.m. at the reception desk where the CPI and project brochures were given to the checking-in delegates.
- At the start of the session, Ms. Aisha Sbeen, the seminar host welcomed the participants and the event formally started with the recitation from Holy Quran.
- The participants formally introduced themselves and were told the seminar norms.
- The session started with the presentation of Mr. Shafqat Ullah who introduced the project services and scope and also apprised the attendees about the project progress till date. His presentation also included description of the roles of project implementers, industrial associations and partner industries. Proposed activities of the project were also highlighted along the life cycle and supply chain of industrial goods and services.
- After the presentation, tea and refreshments were served to the delegates.
- As the session resumed, Mr. Ammar Ahmad Yasir took the mike to explain about the Industrial Equipment Manufacturers (IEMs) training which was carried out in Germany in 2009 and discussed some key skills and lessons learnt during the training. Dr. Naeem from Energy and Environment



Engineers who was one of the attendees of training shared some of his experiences of the training.

- “Cleaner and Energy Conservation Technologies (CETs) in Leather Sector” was the next presentation delivered by Mr. Shahid Rasheed with his rich and long experience of working with leather sector industry of Pakistan shared the best practices/ CETs for leather industries as per CPI experience of different environment and energy projects.



- Cleaner and Energy Conservation Technologies (CETs) in textile processing was the last presentation of the seminar delivered by Mr. Tahir Arshed. He explained the important technologies with highest economic and environmental benefits for industry like caustic recovery plants, RO plants, compressed air, thermal and electric energy saving options and human resource development.

- The participants showed keen interest in different economic and financing, training and environmental opportunities being unfolded by the project to uplift the small and medium industries of Pakistan. The participants asked many questions and raised discussion issues which were explained by the presenters and fellow delegates. There was detailed discussion on the issue of micro screening of chrome particles during the operation of chrome recovery plant, whereby participants exchanged views on the technologies being used by their respective industries to overcome the problem.

- Another discussion point was the absence of maintenance service providers of modern equipment in the local market. It was noted that the problem existed even in the Western countries and only those vendors should be contacted for the purchase of equipment which offer follow up maintenance services as well. However, if a technology intervention is done under the project auspices as a pilot initiative, then the industry is entitled to get financing of plant operation and testing expenses from the project for one year.



- An important issue was discussed among the participants about the use of energy savers in the industry for lighting purposes. It was noted that fluctuating power as is the case in Pakistan reduces the efficiency of energy savers whereas the tube lights

have repairing issues. Mr. Usman Khan, a participant from a partner textile industry raised the alleged health impacts of mercury in case of use of the energy savers. LED lights were discussed and appreciated as the preferred lighting technology.

- Participants were also interested in knowing about the registration of a technology project as Pilot Initiative (PI) under SCI-Pak, the project help in registering the project under CDM and any financial subsidy for this purpose, human resource development for the latest technologies and the sustainability of the project etc. Mr. Shafqat Ullah explained the process of registration and CPI assistance available under the project for the entire satisfaction of the audience.



- The formal closing was announced by the seminar host with a vote of thanks to the participants and requested them to move to the lunch room.

List of Participants

SMEs Seminar - Lahore

#	Participant Name	Industry	Designation
1.	Muhammad Anwar Khan	Hafiz Shaffi Tanneries	Maintenance Engineer
2.	Khawaja Aneel Tariq	Siddiq Leather Works	Assistant Manager R&D
3.	Asif Mahmood	Siddiq Leather Works	Manager Electrical
4.	Zahid Rafique	Siddiq Leather Works	Electrical officer R&D
5.	Muhammad Islam	H.S.A Tanneries Kasur	G.M
6.	Naeem-u-Zaman	Energy & Environment Engineering	Managing Partner
7.	M. Khalid Kalim	Energy & Environment Engineering	Executive Partner
8.	Muhammad Asif	Azgard 9	Assistant Manager
9.	Zafar Iqbal	Azgard 9	Engineering Manager
10.	Rafique Asghar	HSA Tanneries Kasur	Project Manager
11.	M. Mubashir Hassan	Royal Leather	Manager Quality
12.	Abid Raza Bokhari	Royal Leather	Maintenance Engineer
13.	Mustafa Mahmood Sethi	Dada Enterprises	MR (Quality & Environment)
14.	Qamar Uddin	Hafiz Shaffi Tanneries	EMR
15.	Khalid Mahmood	Azam Haleem Tannery Kasur	T.S.V
16.	Muhammad Asif	Azam Haleem Tannery Kasur	Director
17.	Manzoor Ahmad	Azam Haleem Tannery Kasur	Director
18.	Shabi Hasan	KTWMA	Project Director
19.	Muhammad Haroon	Sapphire Textiles	Mgt Trainer
20.	M. Mamoon Musa	Sapphire Textiles	HRD Assistant
21.	Atta Ullah	Irfan Textile	Manager Maintenance
22.	M. Ashraf	Irfan Textile	Boiler Manager
23.	Hadayat Masih	Paramount Spinning	Manager Maintenance
24.	Mobeen Ud Din	East Pakistan Chrome Tannery	EMR
25.	Mirza Khalid	East Pakistan Chrome Tannery	Electrical Supervisor
26.	Adnan Ali	H.S.A Kasur	EMR
27.	Asad Mahmood	Consultant	Project Development Manager
28.	Tariq Hussain	Yousaf Tanneries	Manager Administration
29.	M. Tahir	Riaz Tannery Kasur	Director
30.	Tariq Hussain	Riaz Tannery Kasur	Manager
31.	Mian Rashid Mahmood	U.S. Denim	Project Manager
32.	Nadeem Asghar	Nishat Chunian	Assistant Manager
33.	Karamat Ali	Gulistan Group of Industries	Utility Engineer
34.	M. Afzal	Hira Tannery	Engineer Boiler & Utility
35.	Irfan Ali	Hira Tannery	Manger Maintenance
36.	Rizwan Ali	Nishat Chunian	Supervisor
37.	Zafar Waqas Asad	KWML Dyeing Division	Electrical Engineer
38.	M. Ammar Khan	KWML Dyeing Division	Mechanical Engineer
39.	M. Usman Khan	Cotton Web	Manger Quality
40.	Nayyer Abbas	Abbas Dyeing	Owner
41.	Kashir Chaudhry	Hassan Brothers	Manager R&D
42.	Fahim Ahmad	Pakistan Tanners Association	Secretary