



**Sustainable and Cleaner Production in the
Manufacturing industries of Pakistan (SCI-Pak)**

Minutes of Meeting

Meeting between

**All Pakistan Textile Processing Mills Association (APTPMA)-Karachi
and
Cleaner Production Institute (CPI)**

February 18, 2010
APTPMA Office SITE Karachi



Date	February 18, 2010
Venue	APTPMA Office SITE Karachi
Start Time	1530 hr
End Time	1700 hr
Topic/ Brief Agenda	Introduction of SCI-Pak to APTPMA
Participants (APTPMA)	
Mr. Anees Motiwala	Chairman APTPMA Karachi
Mr. Iqbal Arbi	Ex-Chairman APTPMA Karachi
Mr. M. Arif Lakhany	Member Managing Committee, Karachi Chamber of Commerce & Industry
Mr. Inam Akhtar	Secretary APTPMA Karachi
Participants (CPI)	
Mr. Shafqat Ullah	
Mr. Masroor Ahmed	

A meeting was conducted between CPI and APTPMA-Karachi members on February 18, 2010 at 1530 hr at APTPMA office SITE Karachi. The objective of the meeting was to introduce SCI-Pak project to the APTPMA members. Mr. Shafqat Ullah formally welcomed the participants and acknowledged them for attending the meeting and sparing time from their busy schedule.

- Mr. Shafqat Ullah started presentation to introduce SCI-Pak to the participants. He informed that Cleaner Production Institute (CPI) had undertaken a new project "Sustainable and Cleaner Production in the Manufacturing Industries of Pakistan (SCI-Pak) as a consortium partner with other three organizations including Iqbal Hameed Trust (IHT) Pakistan, ttz Bremerhaven Germany, Center on Sustainable Consumption and Production (CSCP) Germany. This project is funded by the European Commission (EC) under the umbrella of SWITCH Asia Program for three years (March 2009-2012). SWITCH Asia is a new regional environmental program of EC aiming to promote the adoption of sustainable consumption and production among SMEs and consumer groups in Asia. This project will aim at "sustainable product chain" which is meant to produce product in environmentally safe and resource efficient way in all the product phases starting from the raw material to the consumer end. The objective of the project is to develop a model for sustainable production through the implementation of a range of energy and resource efficiency initiatives in the textile and tannery sectors in Pakistan with the potential to adopt these initiatives to other manufacturing industries in Pakistan in the long term (e.g. sugar, paper, steel re-rolling etc).
- Mr. Iqbal Arbi commented that APTPMA, being the major stakeholder of the project, should have been be informed about it at the early stages of the project but was not the case.
- Mr. Shafqat Ullah responded that project team was busy in conducting life cycle assessment studies of textile and leather sector, arranging training workshop at Germany and contacting different educational institutes and preparing technical courses for them.
- He mentioned the following overall objectives of the project:

- Improve the energy and resource efficiency (E&RE) of Pakistan textile and tannery industries along the complete process chain
 - Increase the technical capacity and know-how of Pakistani textile and tannery industries and the manufacturers
 - Minimize Pakistan's contribution to greenhouse gas emissions and enhance the share of renewable energy technologies
 - Widen the scope of Sustainable Production (SP) at the local, national and international levels
 - Create an enabling environment for promoting Sustainable Production amongst the targeted industrial sectors
 - Strengthen links between EU and Pakistan research and industry from the technology to the policy level
- He explained that this project would be conducted with the assistance of textile and leather associations throughout the Pakistan. Project will need support from "All Pakistan Textile Processing Mills Association (APTPMA)" and "Pakistan Tanners Association (PTA)" for implementing various energy and resource efficiency technologies in the member industries. This project will be focused on the life cycle phases of textile and leather product chain. All these phases will be studied and on the basis of their environmental, energy and social issues, energy and resource efficiency technologies will be implemented in the selected industries. The capacity enhancement of the local equipment manufacturer on these technologies will be carried out through technology and knowledge transfer from the Europeans.
- All the members stressed for the technology transfer to the Pakistan. In their point views, without technology transfer, any other technology initiative would not give sustainable beneficial to the industry, vendors and Pakistan as a whole. They gave the example of solar system whose import from other countries would be very expensive and unaffordable for the Pakistan. Pakistan should be provided solar technology so that it could be manufactured cost effectively locally. Mr. Anees Motiwala emphasized that the technology transfer at indigenous level would benefit the industry. He quoted various examples of India who had developed indigenous technologies in almost all the industrial sectors and saved huge amount under foreign machinery imports.
- Mr. Shafqat Ullah agreed with their point of views and confirmed that project partners would work for it.
- Mr. Iqbal Arbi was inquisitive about the Industrial Equipment Manufacturers (IEMs). Mr. Shafqat Ullah explained that IEMs include those who manufacture energy and resource efficiency equipment for the textile and leather industries. These manufacturers will be provided training in Europe from the European research organizations and the state of the art equipment manufacturers. Participants enquired whether they could also identify and nominate equipment manufacturers for these trainings. He responded that they could recommend manufacturers.
- Mr. Shafqat Ullah highlighted IEMs training aspect and described that training was considered to be an important part of this project. Selected local IEMs will visit Germany to learn about the advance European technologies. In this regard first training workshop session of leather and textile IEMs has been conducted in December 14-17, 2009 at Bremerhaven Germany where British Leather Company (BLC) experts provided training

on leather technologies. These technologies will result in optimum resource consumption and minimum pollution generation. Next session is planned for the textile training in February 2010.

- Mr. Shafqat Ullah mentioned the names of the target groups for the project. These groups include textile and tannery SMEs, industrial equipment manufacturers, educational and research institutes, industrial associations, government bodies, financial institutes, policy making organizations and European research institutes and equipment manufacturers.
- He elaborated project activities which would be performed in the next three years. Life cycle assessment (LCA) studies conducted in textile and leather sector have identified major resource inefficient areas in the whole product chain and the relevant cleaner technologies to conserve environmental and energy resources. Local equipment manufacturers will manufacture these energy and resource efficiency technologies with the assistance and knowledge of the European counterparts. SMEs will implement these technologies as pilot initiatives. Project will disseminate their business cases to other industrial sectors of Pakistan. Parallel to these activities, the technology courses will be introduced in the educational institutes emphasizing on industrial environment and energy issues and the related cleaner technologies to impart knowledge in these students at the grass root level. These students will be encouraged to do internship in the SMEs and the equipment manufacturers to practically work on these areas. An enabling environment will be created in Pakistan in which SMEs will be encouraged to adopt these technologies with affordable price and better financing mechanism under suitable policy framework. There will be dialogue with the financial institutes to create favorable conditions for providing loans on these technologies to the SMEs. All the stakeholders will initiate dialogue with the Pakistan's policy making organizations regarding policy reform to promote resource efficiency culture in the country.
- He stressed that this project would collaborate with associations to impart benefits of the project in true sense. In this connection, suggestions and recommendation as forwarded by associations will be considered primarily. Initially SCI-Pak will facilitate leather and textile sectors and then other industrial sectors will be included like sugar, paper, cement, pharmaceutical, steel etc.
- Mr. Anees Motiwala asked Mr. Shafqat Ullah about the role of APTPMA in the project. He mentioned that associations were the key stakeholders of the project and their role was to motivate industries for the implementation of technologies and take part in project activities. He said that there was possibility that European Commission delegate would visit Pakistan and meet the industrial associations. He added that APTPMA support was required at all those platforms where project would debate on financial and policy issues with the government agencies and the financial institutes. APTPMA role would be important in policy formulation and in the strategic decisions regarding the textile sector. He said that he would send brief document explaining the role of APTPMA in the SCI-Pak project to the participants.
- He further elaborated that project would also focus on policy matters pertaining to SMEs, financial institutes and equipment manufacturers. They will give suggestions to the government regarding policy reforms to create enabling environment for the SMEs and

other stakeholders. For that reason, modifications in the policy will be suggested and presented to the government after reviewing European and Pakistani policies.

- Mr. Arif Lakhany enquired about the work plan of the project. Mr. Shafqat Ullah informed that SCI-Pak project had a comprehensive work plan for the three years which would be shared with the participants.
- At the end of this interactive session, Mr. Arif Lakhani appreciated and said it would be beneficial for the country and the textile and leather sectors if all these initiatives were taken under this project. They all assured that APTPMA support would be available for the benefit of country and the Pakistani industry in future.