



08-001-Pind-FO_it

SCHEMA PROGETTO

Codice	08-001
---------------	---------------

Titolo	Calcutta Leather Complex
Data inizio	ottobre-2008 (più accordi precedenti)
Data fine	Marzo 2010
Area Geografica coinvolta	Asia
Paese coinvolto	India
Area-Località di svolgimento	Kolkata
Settore	Pelle - College di Tecnologia Conciaria
Tipo di Progetto	Formazione di 4 figure professionali e installazione di 2 laboratori
Idea Progetto	L'azione di supporto e assistenza promosso dall'ICE su fondi del Ministero dello Sviluppo Economico e realizzato dal Pisie si prefigge come obiettivo finale la formazione di 4 figure professionali (chimica conciaria, gestione, laboratorio e ambiente) e l'installazione di 2 laboratori di analisi per la pelle.
Obiettivi generali	Implementazione delle capacità professionali a supporto delle piccole e medie concerie di Kolkata
Obiettivi specifici	<ol style="list-style-type: none">1. 4 corsi di 300 ore ciascuno da svolgere in parte in India e in parte in Italia. Formazione dei formatori e di assistenti-consulenti in forza al centro di servizi.2. Installazione di due laboratori (uno per analisi chimiche e uno per quelle fisico-meccaniche) presso il GCELT di Kolkata.
Tipo di attività svolte	Missione di indagine preliminare. Organizzazione dei singoli corsi coinvolgendo 3 esperti per singolo corso (2 settimane di lezione ciascuno) e preparazione del Vademecum. Redazione della lista macchine e apparecchiature per il laboratorio e scelta dei fornitori. Presentazione dei corsi e analisi di alcune unità produttive. Chiusura dei corsi.
Valore del progetto	1.000.000 euro

Finanziatori	ICE su fondi MSE
Esecutori	PISIE
Partner	ICE, GCELT
Beneficiari	Governo del West Bengala, Associazione locale dei conciatori, GCELT
Responsabile PISIE	Carlo Milone
Esperti coinvolti	

TANNING TRAINING & SERVICE CENTRE KOLKATA - INDIA

*A project sponsored by Govt. of West Bengal, Italian Trade Commission,
Council for Leather Export, ASSOMAC, CLC Tanners' Association*

Project Summary

NAME OF THE PROJECT:	Italian Technical Assistance to the Kolkata Leather Complex
CUSTOMER:	ICE
LOCATION:	Kolkata – India
PROJECT'S NATURE:	support for the development of the new Kolkata tanning cluster through the grant of equipments and of training activities. Supplying and installation of chemical-physical analyses labs Training courses for: <ul style="list-style-type: none">- tanning technology experts (Course A)- tanning managing “engineers” (Course B)- lab analysts (Course C)- expert of environment protections (Course D)
EXECUTIVE BODY:	PISIE
SUPERVISING BODIES:	ICE, ASSOMAC

Management and coordination of the Project

October 2008	Project's definition and confirmation	ICE Zucconi ASSOMAC Pucci PISIE Milone
November 2008	Explorative mission to GCELT Kolkata Preparation of the training classrooms	PISIE Milone, Favazzi
2009-2010	Definition and planning of courses (trainer, syllabus, lecture notes)	PISIE Favazzi
2009-2010	Design and specification of laboratory equipment (quotation, shipment, installation and set-up)	PISIE Vago, Favazzi
Jan 2009	Course presentation	PISIE Milone, Vago
Dec 2010	Course conclusion Final Laboratory set-up, future follow-up	PISIE Vago

5 Feb 2009	Kolkata, Inception Seminar Workshop on Italian Advanced Tanning Technologies (Machinery and Chemicals) <ul style="list-style-type: none">- Presentation of TTSC Project- Technical Session- Presentation of Italian Companies<ul style="list-style-type: none">- Erretre- Fratelli Carlessi- Gemata- Italprogetti Engineering- Simem- Kemia Tau B2B meetings in the afternoon
-------------------	--

PARTE DEI CORSI (vedi file corsi)

PARTE DEI LABORATORI

Laboratories

The equipment has been divided between 4 indents:

Apr 2009	Date of shipment Indent #1
Apr 2009	Date of shipment Indent #2
5 Aug 2010	Date of shipment Indent #3
28 Sep 2010	Date of shipment Indent #4

Course A. Expert of Leather Chemical Technology

Classroom Training in India – 40 days equivalent to 240 hours

	Topics	Trainer	
19-31 Jan 2009	Raw Material and Tanning	Colombo	Process Expert, consolidated experience in industrial tanning process and chemical products
9-21 Feb 2009	Modern Beamhouse and Tanning Technology	Sammarco	Teacher of Tanning Technologies, General Chemistry and Practical Tanning Branch director and Head of Research and Development of working process in Italian tanneries
23 Feb / 07 Mar 2009 16-25 Sept 2010	Finishing, Regulation and Standards ISO Tanning Chemicals Synthesis Simulation	Trosa	Chemistry Degree with professional diffused experience in chemical products for tanning and international regulatory

Trainees

Prof. Asutosh Taraphdar
Mr. Dipayan Karuri
Mr. Tanmay Mondal

FOTO SAMMARCO
(Commemorazione su slide a parte)

Honored to have had as trainer in this project, one of the leading well recognized international experts in leather tanning chemistry. Prematurely passed away in April 2010. We would like to remember him, also on behalf of the members of GCELT for his professionalism and exquisite availability.

Course B. Expert of Industrial Engineering

Classroom Training in India – 40 days equivalent to 240 hours

	Topics	Trainer	
9-21 Feb 2009	Production system	Pero	PhD at the Department of Management, Economics and Industrial Engineering. Politecnico di Milano (Italy)
23 Feb / 05 Mar 2009	Logistics	Boschi	Logistics Engineer with thirty years experience in Supply Chain Management and Change Management.
9-25 Mar 2009	Machinery	Cespi	Machinery expert with forty years experience in tanning as technical director and responsible for development and promotion

Trainees

Dr. Goutam Mukherjee
Mr. Ritam Bhattacharya
Mr. Jasraj Sengupta

Stage in Italy

<p>5-15 May 2009</p>	<p>Participants :</p> <p>Course A Prof. Asutosh Taraphdar Mr. Dipayan Karuri Mr. Tanmay Mondal</p> <p>Course B Dr. Goutam Mukherjee Mr. Ritam Bhattacharya Mr. Jasraj Sengupta</p> <p>Course C Prof. Samir Mondal Mr. Subrata Saha</p> <p>Course D Mr. Niraj Kumar Goutam</p>
<p>6 May 2009</p>	<p>Paper presentation on technology innovation by several companies of the leather tanning machinery and chemical sector:</p> <p>VALLERO INTERNATIONAL spa GE.MA.TA. spa Rizzi spa ERRETRE spa FGL INTERNATIONAL SPA BER CHIMICA SRL</p>
<p>7 May 2009</p>	<p>LETEX SPA STEFANI CHIMIS SRL CENTRO CAMP.</p>
<p>8 May 2009</p>	<p>Visit to the leather clusters of Arzignano and Santa Croce sull'Arno</p>
<p>14-15 May 2009</p>	<p>Visita to some laboratories at UNIC, LabSystems and CIMAC</p>

Course D. Expert of Environment Protection -

Classroom Training in India – 40 days equivalent to 240 hours

	Topics	Trainer	
24 Aug / 5 Sept 2009	Environmental and Sanitary Engineering (1)	Canziani	Assistant Professor at the Department of Hydraulic, Environmental and Survey Engineering (D.I.I.A.R.), Environmental Section. Politecnico di Milano (Italy)
9-22 Sept 2009	Tannery and Pollution	Galluzzi	Project Engineer Expert in industrial (tanning) and civil wastewater treatment plant
26 Oct / 7 Nov 2009	Environmental and Sanitary Engineering (2)	Lonati	Researcher and Assistant Professor at (D.I.I.A.R.) Department. Politecnico di Milano (Italy)

Trainees:

Mr. Niraj Kumar Goutam
Mr. Nayan

Course C. Lab Analysts

HANDS-ON Laboratory Training in India – 40 days equivalent to 240 hours

	Topics	Trainer	
4-12 Oct 2010	GC-MS Training and Lab Management Training	Pavanello-Viola Automation srl	Engineer Instruments Installation, LIMS instruction and lab networking . Customer Support
8-17 Nov 2010	Environmental aspect: Test	Zenari Chemica srl Laboratory	School Teacher Coordination, management, control of the analytic methods and technical training in chemical, environmental and microbiological laboratory
22-27 Nov 2010	Leather Physical Test	Giuliani srl	30 years of research and development in designing and producing equipment and accessories for leather quality control

Trainees:

Prof. Samir Mondal
Mr. Subrata Saha
Mr. Anindya Roy