

Report on the Study Tour on Energy Efficiency to India Capacity Building for Energy Efficiency in Nepal (CapNEEP)

October 28th to November 4th, 2010



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Impressum:

Sibylle Kabisch
Project Manager

Ronjon Chakrabarti
Project Manager

Adelphi Research gGmbH
Caspar-Theyss-Strasse 14a
D - 14193 Berlin
Phone: +49 (30) 89 000 68 - 45
Fax: +49 (30) 89 000 68 - 10
E-Mail: kabisch@adelphi.de
Web: www.adelphi.de



1. Executive Summary

The study tour on energy efficiency in India was attended by 21 participants nominated by WECS and the Sustainable Energy Development Authority (SEDA) and included representatives from WECS, other Nepalese government institutions as well as from the private sector, namely from the Federation of Nepalese Chambers of Commerce and Industry (FNCCI) and associated partner institutions (NBSM, AEPS, HAN, NEA, CIM). The delegation from Bangladesh, included the representative of SEDA and experts nominated by SEDA (MoPE, MR, BSTI, GTZ).

All participants are decision makers and technical experts in their core business. The group got insights in the Indian approach of the implementation of energy efficiency measures and the accompanying policy framework.

The participants gained a better understanding of the mechanism and approaches of energy efficiency in India, both from financing and implementation. They also got an idea of institutional requirements to promote energy efficiency in Nepal and Bangladesh. This institutionalised energy efficiency service should enable delivery mechanisms in the countries and provide leadership for energy efficiency in all sectors. Its primary objective is to reduce energy intensity in the economy. The combination of workshops, presentations, personnel meetings and site visits provided the participants with excellent knowledge of energy efficiency. This should enable the participants to translate this knowledge in the context of their home countries. A cultural programme allowed for further, informal networking.

2. Background to the study tour

The study tour on energy efficiency to India was conducted as one activity of the project “Capacity Building for Energy Efficiency in Nepal (CapNEEP)”. The aim of the study tour is to improve energy efficiency in the region through capacity building.

The study tour programme intended to provide insights to the participants on energy efficiency in India, by combining expert talks from public and private sector with visits to energy efficient sites. The study tour provided diverse information on energy efficiency (EE) projects and inspired new ideas and approaches for developing programmes and solutions to better capture the energy saving potential in existing industries and buildings. This study tour is conducted in within the Regional Energy Efficiency approaches undertaken by InWEnt, which includes:

- Cooperation with the Nepal Energy Efficiency Programme (NEEP) implemented by GTZ and the Water and Energy Commission Secretariat (WECS)
- Cooperation with the Indo-German Energy Program (IGEN) implemented by GTZ and Bureau of Energy Efficiency in India;
- Upcoming Regional Energy Efficiency Program (REEP), which would promote harmonization of the capacity building interventions of InWEnt at the South Asian Regional level – phase I being Bangladesh, Nepal and India

For further information, please go to gc21.inwent.org/capneep.

3. Organisations visited

Bureau of Energy Efficiency (BEE)

The Government of India set up Bureau of Energy Efficiency (BEE) on 1st March 2002 under the provisions of the Energy Conservation Act, 2001. The mission of the Bureau of Energy Efficiency is to assist in developing policies and strategies with a thrust on self-regulation and market principles, within the overall framework of the Energy Conservation Act, 2001 with the primary objective of reducing energy intensity of the Indian economy. This is to be achieved with active participation of all stakeholders, resulting in accelerated and sustained adoption of energy efficiency in all sectors.

BEE co-ordinates with designated consumers, designated agencies and other organizations and recognize, identify and utilize the existing resources and infrastructure, in performing the functions assigned to it under the Energy Conservation Act.

Indo-German Energy Programme (GTZ-IGEN)

With the enactment of the Energy Conservation Act, 2001 (52 of 2001), IGEN has been supporting Bureau of Energy Efficiency in implementation of EC Act.

The objectives of IGEN are to assist in the Development of BEE institutional capacity and to support a CDM programmatic approach for energy efficiency. Major services provided by IGEN to BEE are support services for certification of Energy Managers and Energy Auditors and accreditation to Energy Auditors, support to stakeholders through interactive website www.energymanagertraining.com, conduct of workshops under Life Long Learning (3L) Programme, support services for Standards & Labeling activity, support for energy efficiency in buildings and establishments and support to State Designated Agencies and optimization of the performance of thermal power plants.

Confederation of Indian Industry (CII) - Centre of Excellence for Sustainable Development (CESD)

The Confederation of Indian Industry (CII) works to create and sustain an environment conducive to the growth of industry in India, partnering industry and government alike through advisory and consultative processes.

CII is a non-government, not-for-profit, industry led and industry managed organisation, playing a proactive role in India's development process. Founded over 115 years ago, it is India's premier business association, with a direct membership of over 8100 organisations from the private as well as public sectors, including SMEs and MNCs, and an indirect membership of over 90,000 companies from around 400 national and regional sectoral associations.

The CII-ITC Centre of Excellence for Sustainable Development is an institution that creates a conducive, enabling climate for Indian businesses to pursue sustainability goals. It creates awareness, promotes thought leadership, and builds capacity to achieve sustainability across a broad spectrum of issues. This includes aspects on energy efficiency and energy management.

National Productivity Council (NPC)

NPC is a national level organization to promote productivity culture in India. Established as a registered society in 1958 by the Government of India, it is an autonomous, tri-partite, non-profit organization with equal representation from the government, employers and workers' organizations, apart from technical and professional institutions and other interests on its governing council. Besides providing training, consultancy and undertaking research in the area of productivity, NPC also implements the productivity promotion plans and programmes of the Tokyo based Asian Productivity Organization (APO), an inter-governmental body of

which the Government of India is a founder member. Also, Bureau of Energy Efficiency (BEE) under Ministry of Power, Government of India has empowered the institute to conduct the National Level Certification Examination for Energy Managers and Auditors under the aegis of Bureau.

The Energy and Resources Institute (TERI)

TERI was formally established in 1974 with the purpose of tackling and dealing with the immense and acute problems that mankind is likely to face within in the years ahead

- on account of the gradual depletion of the earth's finite energy resources which are largely non-renewable and
- on account of the existing methods of their use which are polluting.

Amongst others, TERI fulfills its mandate of sustainable development by advocating the concept of green buildings, which register minimal impact on the environment. In practicing what it preaches, TERI has constructed its buildings, in Gurgaon, Bangalore and Mukteshwar, along these lines. Resource- and energy-efficient, these habitats are exemplary constructs demonstrating the sustainable implementation of green practices. TERI has also introduced GRIHA, a rating system to adjudge the 'greenness' of buildings, in order to popularise this initiative. One of TERI's Green Building sites is the RETREAT (Resource Efficient TERI Retreat for Environmental Awareness and Training), Gurgaon, which was visited as part of this study tour.

Central Paper and Pulp Research Institute (CPPRI)

To promote R&D in the field of pulp & paper, a National level Institute Central Pulp & Paper research Institute (CPPRI) was established in 1980 as an autonomous body under the administrative control of Dept. of Industrial Policy & Promotion, Ministry of Industry, Govt. of India. Central Pulp & Paper Research Institute is located at Saharanpur, a city in the state of Uttar Pradesh (India), 168 kms from New Delhi. CPPRI is situated in the vicinity of Institute of Paper Technology and Star Paper Mills Ltd.

The objective of the Institute is to promote Global Competitiveness of the Indian Paper Industry & focus its research & scientific work in the areas of Quality improvement, Cost competitiveness, Resource conservation, Cleaner Production – this includes various aspects on energy efficiency. The vision of the CPPRI is to make a centre of excellence with focus in the area of Technology Transfer, to make Indian Paper Industry sustainable and globally competitive. The Mission of the institute is "In pursuit of cleaner production, resource conservation and quality excellence, in Pulp & Paper Industry".

Kreditanstalt für Wiederaufbau (KfW)

KfW Bankengruppe (KfW banking group) gives impetus to economic, social and ecological development worldwide. As a promotional bank under the ownership of the German Federal Republic and the Länder (federal states), it offers support to encourage sustainable improvement in economic, social, ecological living and business conditions, among others in the areas of small and medium-sized enterprise, entrepreneurship, environmental protection, housing, infrastructure, education finance, project and export finance, and development cooperation.

KfW, jointly with the Indian small industries bank SIDBI, is currently implementing a credit line on energy efficiency in India.

3. Brief Daily Summaries

Thursday, 28th October, 2010

The study tour participants flew in from Dhaka, Bangladesh, and Kathmandu, Nepal, on different times of the day. The hotel Clarion Collection, New Delhi, provided pick-up services for the delegates. Prior to their journey, all participants had received practical travel information, the tour programme, and the list of participants with contact details.

In the evening, a welcome dinner was hosted for both delegations, at the ball room of the Clation Collection hotel.

Mr. Michael Schwarzkopff and Mrs. Anita Sharma from InWEnt welcomed the participants. Introductions were then made in an informal manner. The participants were informed by adelphi on the tour programme of the following day.



Friday, 29th October, 2010

At 8:30 a.m., the delegation was taken via private hired bus to the German House in Jorh Bagh, New Delhi. Mr. Schwartzkopff from InWEnt gave an opening speech to the delegation on the background of this tour as well as the role of InWEnt. S. Kabisch from adelphi, jointly with Mr. A. Kumar from EMT / BEE, provided an overview of the study tour programme. Mr. R. Chakrabarti from adelphi explained the logistics as well as the cultural programme of the tour [5]. An excellent keynote address was made by BEE's director, Dr. Ajay Mathur [6]. Afterwards, Mr. S.P. Garnaik provided an initial overview of the energy sector in India and the involvement of BEE in achieving EE measures. Finally, each participant of the delegation introduced themselves and his/her expectations on the study tour.

Indian Thali lunch was served at the German House.

In the afternoon, the delegation was taken to the head offices of the Bureau of Energy Efficiency (BEE). There, Mr. Jens Burgtorf [7], the IGEN director, introduced the Indo-German Energy Programme (IGEN). Then, Mr. K.K. Chakravarti [8] from IGEN talked on the experience of India on policies and schemes for energy conservation and efficiency. He advised to include the supply side, i.e. thermal power stations, in the energy efficiency efforts (as particularly relevant for Bangladesh), to give the audit responsibility to a certified third party and to set up sector-specific task forces that regularly conduct workshops. To his experience, developing regulations on energy efficiency takes time and significant technical input; stakeholder participation is essential for this process.

Mr. Jiwesh Nandan from BEE explained the role and activities of the State Designated Agencies under BEE and Energy Efficiency Ltd., the state service company established in 2010.

Then, Mr. Manu Maudgal from GTZ-IGEN spoke on initiatives with potential of using the Clean Development Mechanism (CDM), e.g. CFL lamps, water pumps in agriculture.

Finally, Mr. Ashok Kumar from EMT / BEE gave an overview of the website www.energymanagertraining.com which functions as a platform for energy efficiency topics including BEE information and questions & answers of BEE's energy manager / energy auditor exams.

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Saturday, 30th October, 2010

The delegation met at 9 a.m. at the Clarion Collection hotel meeting room for a morning session with the Confederation of Indian Industry (CII) Centre for Competitiveness. Mr. Shikhar Jain [9] provided an introduction on CII and gave a presentation energy management systems (EnMS) for industries in accordance with the new standard EN 16001. Afterwards, Mr. Muthusezhiyan N. talked on energy efficiency in the Indian industry. Finally, Mr. Sanjay Nandoo explained best practices for energy efficiencies in SMEs.

The delegation then left by private hires bus together with a representative from CII to visit a CII energy efficient industry site: The company OMAX manufactures piston rods for the automotive sector. The production process was explained to the delegation including measures for energy efficiency that were undertaken in the plant [10]. Overall, the welcoming and organisation at this site was excellent.

After a snack on the bus, late lunch was provided at the hotel Clarion Collection.

In the afternoon, Mr. D. Pawan Kumar from the National Productivity Council gave an interactive presentation on energy efficiency technologies and energy efficiency in electrical systems [11].

After a presentation of the engineering company that designed the hotels solar thermal water heating system, the delegation was taken into the hotel's basement to look at the heat exchanger, tanks and controllers [12].



Sunday, 31st October, 2010

A small group with decision makers from both delegations met at 9:30 a.m. at the Clation Collection ball room for a planning meeting on regionalising energy efficiency efforts [13-15]. The following delegation members met for this Regional Programme on Energy Efficiency (REEP):

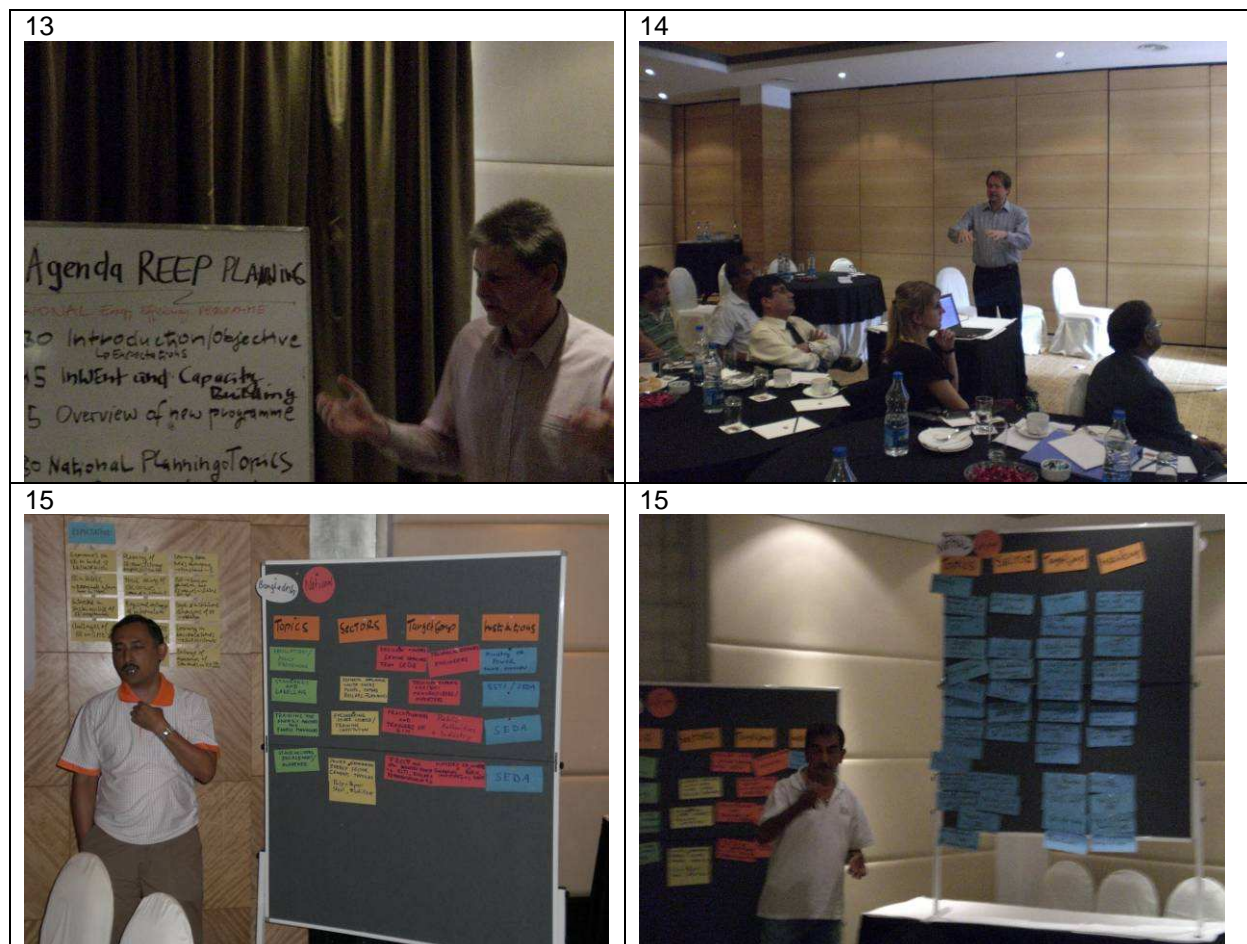
- **Nepal:** I. S. Thapa (WECS), G. B. Shrestha (HAN), U. K. Kunwar (FNCCI), S. Giri (FNCCI), D. K. Kharai (WECS)
- **Bangladesh:** T. K. Roy (MoP), R. Gosh (GTZ SED), A. Mannan (BSTI), U. D. Bhatta (NEA)

[Please refer to the documentation of the REEP planning meeting for further information.]

The remaining participants took part in a sightseeing tour in South Delhi during the morning.

Lunch was provided at Clarion Collection Hotel, New Delhi.

In the afternoon, another guided tour was provided through old Delhi, finishing with an evening light & sound show at the Red Fort.



Monday, 1st November, 2010

The delegation met at 8:15 a.m. at the hotel lobby in order to travel by hired bus to The Energy and Resources Institute in Faridabad. At the car-free campus of TERI, the group was taken to the meeting room via electric trolley cars. Dr. Hina Zina from TERI gave a presentation on the “Green Rating for Integrated Habitat Assessment (GRIHA)” [7]. The system has been developed to help ‘design and evaluate’ new buildings (buildings that are still at the inception stages). The GRIHA assessment was developed by taking into account various international standards on green buildings and adapting them to India’s social and cultural context as well as the ECBC for the energy side. Mr. Tarun Garg further elaborated on green buildings. A short film on the green building aspects of TERI’s retreat buildings was shown. The delegation was then lead through the buildings, explaining the PV-integrated entrance roof [8], solar thermal rooftop installations, the underground cooling / heating system through natural ventilation sourcing from 4 meters underground [9], the natural water treatment and the biomass-based gasifier [10].

For lunch, the group stopped at an Indian restaurant in South Delhi, Sagar Ratna, to enjoy Southern Indian Thali.

In the afternoon, the delegation was taken to the Bureau of Energy Efficiency headquarters. BEE’s Mr. Sanjay Seth provided an introduction to India’s approach for energy efficiency in buildings.

Mr. Sameer from BEE gave a presentation on India’s Energy Conservation Building Code (ECBC).

India is split into five different climatic zones. For these, standard values for buildings are set up.

Mr. Brijesh Kumar from BEE briefly explained BEE’s Star Rating for Office Buildings. For these bandwidth for each climatic zones are provided and then star ratings applied. The key ratio of the label is kWh / sq m / year (actual performance). The label is provided for five years.

The link between ECBC, star rating and ESCOs was explained. The idea for retrofits is that Energy Service Companies (ESCO) conduct energy audits, identify energy savings measures and conduct the implementation of these measures at their own cost. This is done under so-called performance contracts under which the ESCO makes up for their costs through the energy savings achieved in the initial years after implementation.

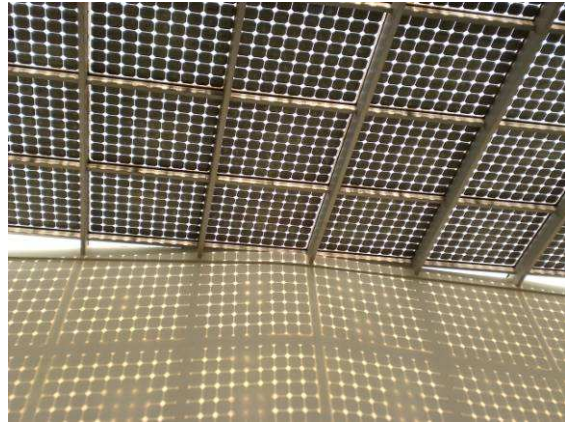
Mr. Anant Shukla gave a presentation on GTZ-IGEN’s TRIGEN project and trigeneration technology (i.e. simultaneous production of electricity, heating, and cooling through a gas engine). This technology can be applied anywhere where electricity, heating and cooling is required simultaneously – i.e. hotels, hospitals, IT data centers, industry, airports, shopping malls, residential societies.

Mr. Sandeep Garg from BBE gave details on energy efficient appliances, standards & labelling in India. Two private vendors that were present (LG Electronics and RAMA) provided their point of view and experiences made when developing labels with BEE. Mr. Garg pointed out that the first step for labelling is establishing a national baseline. Also, national standards for appliances should be put in place before labelling starts. A “push” for EE appliances is then achieved with the standard, a “pull” with the label.

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Tuesday, 2nd November 2010

The delegation left the hotel at 6 am in the morning with 4 hired private vehicles. Boxed breakfast was provided by the hotel. A stop was made halfway at Cheetar Motel. Due to bad roads, the group reached the Central Pulp & Paper Research Institute (CPPRI) in Saharanpur around noon. An introduction round was made with Dr. Gupta and Dr. Thapliyal from CPPRI [21]. Afterwards, the delegation was taken on a site visit to Star Paper Mills Ltd., Saharanpur [22, 23].

Lunch was enjoyed at a local hotel in downtown Saharanpur.

In the afternoon, Dr. Thapliyal gave a presentation at CPPRI on energy efficiency in the pulp and paper industry [24]. The main costs for a paper manufacturer are raw materials and energy. An overview of the primary and secondary energy used was provided. CPPRI are working with BEE on formulating standards / norms on energy consumption – i.e. initially determining best practice. Major hindering factors identified by CPPRI include lack of time to time modernization, need for general awareness & good housekeeping, energy management & audit. A list of energy conservation opportunities was explained. Finally, the group was taken around CPPRI before leaving to Delhi in the afternoon.

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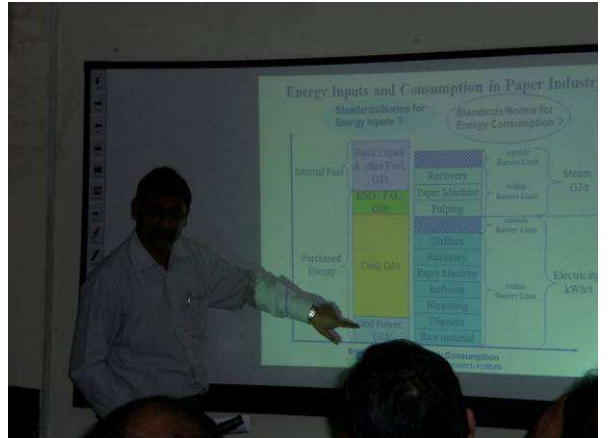
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Wednesday, 3rd November 2010

At 9 a.m., Mr. Lalit Sharma from GTZ-ASEM provided an overview of the Ecoprofit system including case studies from various SMEs [27]. Nitesh Patel gave details on further Ecoprofit case studies and the Ecoprofit tools.

After tea break, Mr. Arvind Asthana talked about the National Mission for Enhanced Energy Efficiency (NMEEE) in India and industrial benchmarking of energy efficiency.

Finally, Mr. Busso von Alvensleben introduced the German bank Kreditanstalt für Wiederaufbau (KfW) and their role in financing energy efficiency. In particular, he made reference to the credit line for energy efficiency that is currently implemented by KfW together with SIDBI in India.

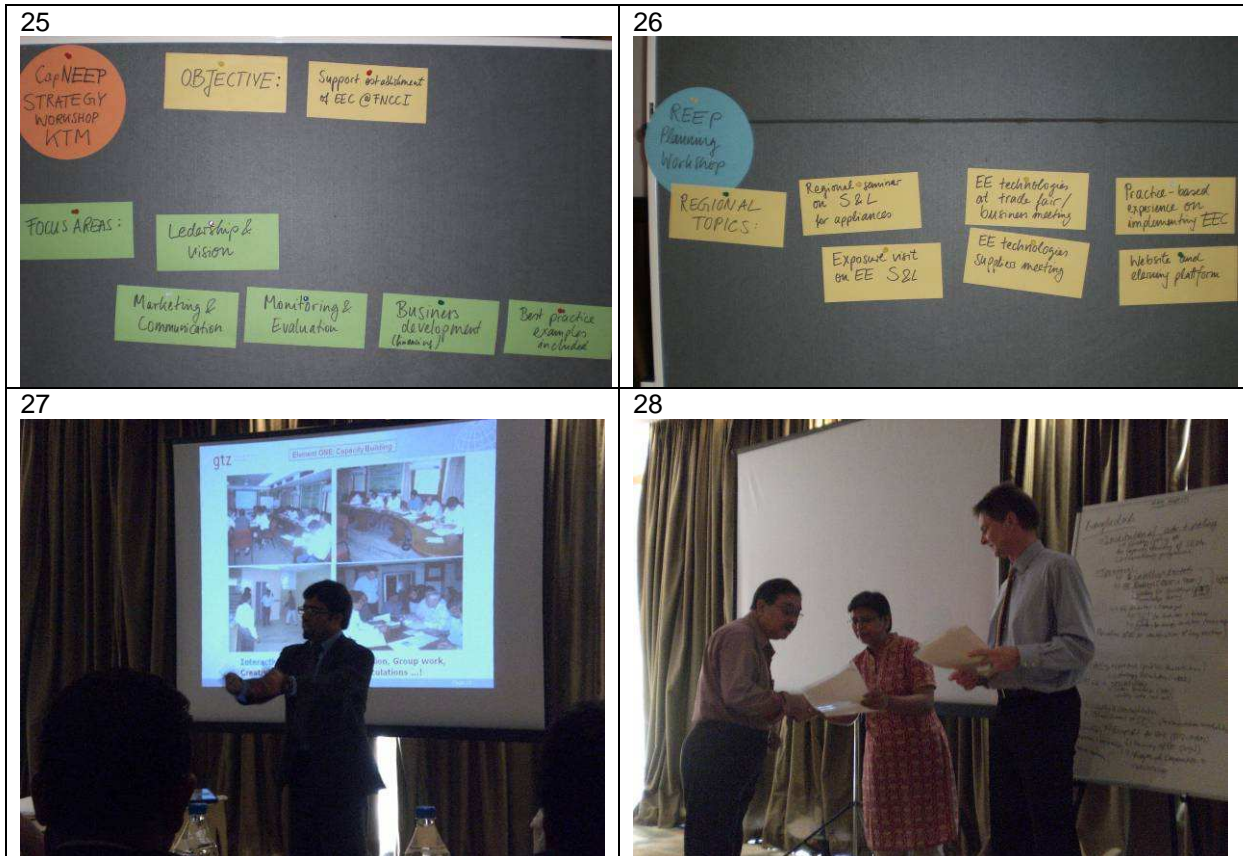
The closing part of the study tour was initiated with a summary by each delegation on the key aspects for energy efficiency for their respective countries [please refer to the Annex].

Then, Mr. Schwartzkopff from InWent provided an example of a national capacity building instrument by describing the planned workshop in Kathmandu under the CapNEEP project [25]. Ms. Sibylle Kabisch from adelphi summarized the planned regional level efforts for the REEP programme [26].

Afterwards, the participants were asked to fill in evaluation forms for the study tour programme.

Each participant was given a DVD containing all presentations and pictures of the study tour. Finally, Mrs. Sharma and Mr. Schwartzkopff from InWent handed over a certificate to each of the participants [28].

In the evening, the delegation was invited to a cocktail dinner joined by some of the speakers of the study tour programme.



Thursday, 4th November 2010

The group left the hotel in New Delhi early in the morning for a day of cultural programme. A private bus was hired for that day.

The first visit was made to Krishna's "playground" near his birthplace Mathura [29, 30].

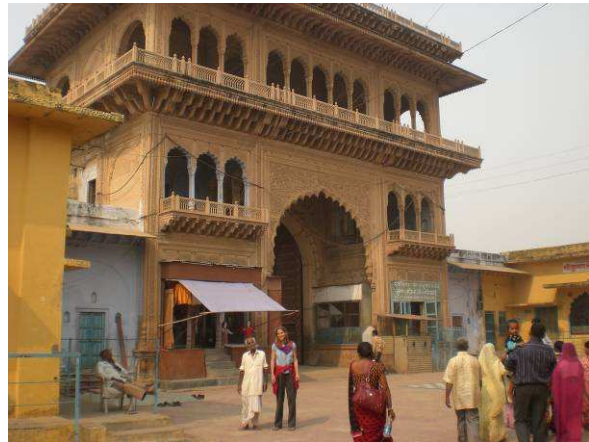
After lunch, the group was taken to the entrance of the Taj Mahal complex joined by a local guide. The architectural history of the building was briefly explained before the group discovered the monument on its own. [31, 32].

On the way back, the group stopped for dinner at a local restaurant. The delegation then enjoyed the ride back to the hotel with some Nepalese music.

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4. Annexes

Final agenda

International Study Tour on Energy Efficiency - Agenda

Date of programme: 28 October – 4 November 2010

Location: Delhi, India

Day 1	Thursday, October 28th
Arrival: New Delhi	Arrival from Kathmandu/Dhaka, pick-up from Delhi airport & transfer to hotel
19:00	Welcome dinner at Clarion Collection Hotel
Day 2:	Friday, October 29th
New Delhi	Welcoming, Introduction and Overview of EE in India
9.00-13:00	<ul style="list-style-type: none"> ▪ Welcome and introduction (InWEnt, Anita Sharma, Michael Schwartzkopff) ▪ Details of study tour programme (Adelphi, Sibylle Kabisch) ▪ Keynote address (Bureau of Energy Efficiency, Dr. Ajay Mathur) ▪ Energy landscape in India ((Bureau of Energy Efficiency, S. P. Garnaik) ▪ Individual introduction of the participants, Address by the delegation and their expectations ▪ Scope of knowledge-transfer from study tour (Nepal/Bangladesh) ▪ Logistics, site visits and optional cultural programme (Adelphi, Ronjon Chakrabarti) <i>venue: at Conference Room, GTZ 21, Jor Bagh</i>
13.00 – 13.45	Lunch
	Energy Efficiency Cell, Institutional Framework & Policy Drivers for Energy Efficiency
14:00-17:30	<ul style="list-style-type: none"> ▪ Introduction to cooperation on Energy Efficiency India/Germany (GTZ IGEN, Jens Burgdorf) ▪ Introduction to EE aspects in India ▪ Energy Conservation Act 2001 (set-up & role of BEE) ▪ National mission for enhanced energy efficiency ▪ Main programmes of BEE ▪ Introduction to State Designated Agencies (SDA) and Energy Efficiency Services Limited (EESL) ▪ Discussion

BEE/GTZ-IGEN, venue: BEE conference hall

Day 3:	Saturday, October 30th
New Delhi	Industrial Energy Efficiency
10:00-12:00	<ul style="list-style-type: none"> ▪ Awareness raising on EE within Indian industry ▪ Acceptance of EE within Indian industry ▪ Training measures and energy audits for companies ▪ Energy management systems (EN 16001, ISO 50001) ▪ Best practices of EE in industry <p><i>Confederation of Indian Industry (CII) Centre for competitiveness- Energy Management</i></p> <p><i>Harinder Jeet Singh, Shikhar Jain, Dr. Sarita Nagpal, Sanjay Namdeo, Mr. Muthusezhiyan N.</i></p> <p><i>At hotel Clarion Collection</i></p>
12.00 – 15.00	<ul style="list-style-type: none"> ▪ Site visit to industry in Noida (late lunch in hotel)
Energy Efficiency Technologies	
15:30-17:00	<ul style="list-style-type: none"> ▪ Motors, engines, pumps, ventilation ▪ Heat pumps, heat recovery, solar thermal, solar cooling ▪ EE biomass stoves ▪ Case study hotel <p><i>National Productivity Council, D. Pawan Kumar, Clarion Collection , N.K Wattas, Srinivas Yadav</i></p> <p><i>at Clarion Collection Hotel Delhi</i></p>
Day 4:	Sunday, October 31th
New Delhi	REEP Planning Meeting, Optional Cultural Programme
9:30:00-12:30	<p>Regional Energy Efficiency Program (REEP) planning meeting with representatives from Bangladesh, India, Nepal, GTZ-IGEN, BEE, EMT, InWEnt, Adelphi <i>(separate agenda will be circulated)</i></p> <p><i>Venue: Hotel Clarion</i></p> <p>Or optional cultural programme: sightseeing in south Delhi</p>
12.30 –13.30	Lunch at Hotel
13:30-22:00	Optional cultural programme: sightseeing in Old Delhi
Day 5:	Monday, November 1st

New Delhi	Energy Efficiency in Buildings
8:15-9:30 (travel)	<ul style="list-style-type: none"> Green Rating for Integrated Habitat Assessment Solar thermal rooftop installations Site Visit
9:30-12:00	<i>The Energy and Resources Institute (TERI)) Green Building Faridabad, Dr. Hina Zia, Mr. Tarun Garg</i>
12.00 – 13.00	Lunch outwards
	Energy Conservation Building Code
13:00-14:00 (travel)	<ul style="list-style-type: none"> Energy Conservation Building Code (ECBC) Insulation, ventilation, cooling, water heating, power generation Life-cycle costs in the planning process
14:00-15:15	<ul style="list-style-type: none"> EE retrofitting of buildings <p><i>BEE, Mr. Sanjay Seth, venue: BEE Conference room</i></p>
	TRIGEN-Technology
15:15 – 15:45	<ul style="list-style-type: none"> TRIGEN- Technology on Energy Efficiency in Buildings <p><i>IGEN, GTZ, Dr. Anant Shukla, venue: BEE Conference room</i></p>
	Energy Efficient Appliances, Standards & Labelling
15.45 - 17.30	<ul style="list-style-type: none"> Set-up of process Awareness campaign & marketing Testing, standards & labelling <p><i>BEE, Mr. Sandeep Garg</i></p> <ul style="list-style-type: none"> Experiences with the introduction of the standards and labeling from the private sector companies (e.g. AC, refrigerators, tubelights, CFL, fans) <p><i>vendor representative (industry association)</i> <i>venue: BEE Conference room</i></p>
Day 6:	Tuesday, November 2nd
Saharanpur	
6:00 -22:00 (incl. travel)	<p>Site Visit to Central Paper and Pulp Research Institute (CPPRI) site visit to energy efficiency technology in paper mill</p> <p><i>CPPRI, Dr. R.M. Mathur, Dr. Bipin Thapliyal, venue: CPPRI Saharanpur and paper mill</i></p>
Day 7:	Wednesday, November 3rd
New Delhi	Energy Audits / Ecoprofit

9:00-11:00	<ul style="list-style-type: none"> ▪ Audit process, different audit types, certified auditor schemes ▪ Identifying energy saving potential (technology & behavioral) ▪ Linkage with financing ▪ <i>Open discussion</i> <p><i>GTZ ASEM - Ecoprofit, Lalit Sharma, Nitesh Patel</i></p>
11.00 – 12.00	<ul style="list-style-type: none"> ▪ Industrial Benchmarking of Energy Efficiency <p><i>GTZ-IGEN, Arvind Asthana</i></p>
12.00 – 13.00	<ul style="list-style-type: none"> ▪ Energy Efficiency Financing – Credit line <p><i>KfW, Busso von Alvensleben,</i> <i>Venue: Hotel Clarion</i></p>
13.00 – 14.00	Lunch at Hotel
Future collaboration and closing	
14:00- 15:30	<ul style="list-style-type: none"> ▪ Summary of key aspects & relevance for Bangladesh and Nepal ▪ Transfer possibilities for project ▪ Discussion for the follow-up workshop in Kathmandu ▪ Future collaboration and exchange programmes ▪ Evaluation of the international study tour ▪ Closing <p><i>Venue: Hotel Clarion</i></p>
Cocktail Dinner	
19:00 – 22:00	<ul style="list-style-type: none"> ▪ Meet & greet all speakers of the week <p><i>venue: Hotel Clarion</i></p>
Day 8	Thursday, November 4th
Departure: New Delhi	Departure (if not participating in the sightseeing, departure on next day).
6:00-22:00	<ul style="list-style-type: none"> ▪ Optional visit to Vrindavan and Taj Mahal

Contacts of Participants

No	Name	Position	Office	Email	Phone #
1	Mr. Iswar Singh Thapa	Joint Secretary	WECS	iswarsinghthapa@hotmail.com	977 1 4211428 (off)
2	Mr. Deepak Kumar Kharal	Sr. Energy Officer	WECS	dkharal@wecs.gov.np	977 1 4211415 (off)
3	Mr. Sanjaya Dhungel	Sr. Divisional Engineer	WECS	sdhungel@wecs.gov.np	977 1 4211424 (off)
4	Mr. Shishir Koirala	Sr. Divisional Engineer	WECS	ccrkoirala@hotmail.com	977 1 4211415 (off)
5	Mr. Ramesh Prasad Poudel	Engineer	WECS	rpp1965@gmail.com	977 9841 443811 (mobile)
6	Mr. Narahari Bhandari	Engineer	NBSM	narahari_bhandari@yahoo.com	977 9841 236885 (mobile)
7	Mr. Gopal Bahadur Shrestha	Engineer	NBSM	gopalbshrestha@hotmail.com	977 9841 280683 (mobile)
8	Mr. Rudra Prasad Khanal	Coordinator	AEPC	rudra.khanal@aepc.gov.np	977 1 5539390 (off)
9	Mr. Surya Kumar Sapkota	Sr. Planning Officer	AEPC	surya.sapkota@aepc.gov.np	977 1 5548468 (off)
10	Mr. Narayan Prasad Adhikari	Engineer	AEPC	narayan.adhikari@aepc.gov.np	977 1 5539390 (off)
11	Mr. Sanjay Giri	Coordinator	FNCCI	giris4@hotmail.com	977 9851071861 (mobile)
12	Mr. Ghanendra Bahadur Shrestha	Representative	HAN	ghanendra7lawyers@gmail.com	977 9851051819 (mobile)
13	Dr. Uttam Kumar Kunwar	Energy and Environment Expert	FNCCI	uttam.kunwar@fncci.org	977 9841454330 (mobile)
14	Mr. Upendra Dev Bhatta	Director	NEA	udbhatta@nea.org.np	977 9851014898 (mobile)
15	Mr. Chiranjibi Sharma Paudel	Technical Service, NEA	NEA	cspaudel@gmail.com	977 9851006628 (mobile)
16	Ms. Susanne Bodach	Integrated Expert	CIM / FNCCI	susanne.bodach@cimonline.de	+977-9851110506 (mobile)
17	Mr. Taposh Kumar Roy	Additional Secretary, Power Division Ministry of Power, Energy, Mineral Resources	Banglad esh	Tapos_roy@yahoo.com	
18	Mr. Sheikh Faezul Amin	Deputy Secretary, Power Division Ministry of Power, Energy, Mineral Resources	Banglad esh	Faez1965@hotmail.com	

No	Name	Position	Office	Email	Phone #
19	Mr. Zobair Siddique,	Senior Advisor, SED	GTZ Banglad esh	zobair.siddique@gtz.de	
20	Mr. Ratan Kumar Ghosh	Senior Advisor, SED	GTZ Banglad esh	ratan.ghosh@gtz.de	
21	Md. Abdul Mannan	Deputy Director (Electrical) Physical Testing Wing	BSTI	a.mannan92@gmail.com	Phone : 88-02-9882494 Mobile : 01818 122445

Note:

1. Mr. Iswar Singh Thapa is the team leader of the technical study tour from Nepal
2. Mr. Tapos Kumar Roy is the team leader of the Bangladesh delegation

Contacts of Experts & Organisers

Organisation	Contact Person	Position	Adresse	Telefon	Email	homepage
Adelphi	Mr. Mikael Henzler	Managing Director	Caspar Theyss Strasse 14a, 14193 Berlin, Germany	Tel. (+49) 30 8900068-0	henzler@adelphi.de	adelphi.de
Adelphi	Ms. Sibylle Kabisch	Project Manager	Caspar Theyss Strasse 14a, 14193 Berlin, Germany	Tel. (+49) 30 8900068-0	kabisch@adelphi.de	adelphi.de
Adelphi	Mr. Ronjon Chakrabarti	Project Manager	Caspar Theyss Strasse 14a, 14193 Berlin, Germany	Tel. (+49) 30 8900068-0	chakrabarti@adelphi.de	adelphi.de
Bureau of Energy Efficiency	Dr. Ajay Mathur	Director General	4th Floor, Sewa Bhawan R. K. Puram, Sector – I New Delhi – 110066	Tel: (+91)-11-26 17 83 16	dg-bee@nic.in	http://www.bee-india.nic.in
Energy Efficiency Services Ltd.,	Mr. Jiwesh Nandan	CEO	Energy Efficiency Service Limited, West Block-II, R.K Puram, New delhi-110 066	Phone No:91(11)26194770/71/72; Fax No :91(11)26194564	jiweshnandan@hotmail.com	http://www.eesl.co.in
Bureau of Energy Efficiency	Mr. Sanjay Seth	Energy Economist	4th Floor, Sewa Bhawan R. K. Puram, Sector – I New Delhi – 110066	Tel: (+91)-11-2617-9658 Fax: (+91)-11-2617-8352	sanjayseth61@yahoo.com , sseth@beenet.in	http://www.bee-india.nic.in

Organisation	Contact Person	Position	Adresse	Telefon	Email	homepage
Bureau of Energy Efficiency	Mr. Sameer Pandita	Assistant Energy Economist	4th Floor, Sewa Bhawan R. K. Puram, Sector – I New Delhi – 110066	M.9990012656; Tel: (+91)-11-2617-9658 Fax: (+91)-11-2617-8352	spandita@beenet.in	http://www.bee-india.nic.in
Bureau of Energy Efficiency	Ms. Abha Shukla	Secretary	4th Floor, Sewa Bhawan R. K. Puram, Sector – I New Delhi – 110066	Tel +91 11 26179691	skumar@beenet.in , saurabhkumar@nic.in	
Bureau of Energy Efficiency	Dr.Sandeep Garg	Energy Economist	4th Floor, Sewa Bhawan R. K. Puram, Sector – I New Delhi – 110066	Tel: 0091 11 26179699 mobile: +91 9868493758	sgarg@beenet.in	http://www.bee-india.nic.in
Bureau of Energy Efficiency	Mr. S. P. Garnaik	Energy Economist	4th Floor, Sewa Bhawan R. K. Puram, Sector – I New Delhi – 110066	M. 9871399932; Tel: (+91)-11-2617-9658 Fax: (+91)-11-2617-8352	Soumya.garnaik@gtz.de	www.gtz.de
CII-CESD	Mr. Shikhar Jain	Senior Counsellor, MS & CSM Division	CII-ITC Centre of Excellence for Sustainable Development 2nd Floor, Thapar House, 124, Janpath New Delhi 110 001	M. 9871074441; Tel: + 91 11 4372 3316 / 4150 2301 - 02 Fax: + 91 11 4150 1924 / 25	Shikhar.jain@cii.in	www.sustainabledevelopment.in

Organisation	Contact Person	Position	Adresse	Telefon	Email	homepage
Confederation of Indian Industry	Mr. Harinder Jeet Singh	Centre for Competitiveness Energy Audits	Mr. Harinder Jeet Singh Head CII - L M Thapar Centre for Competitiveness for SMEs Confederation of Indian Industry 249-F, Sector 18. Udyog Vihar Phase IV Gurgaon Haryana-122015.	09872018400; Tel: 91-172-2602365 / 2605868 / 2607228	harinder.singh@ciionline.org , harinder.singh@cii.in	www.ciifc.org
CII-CESD	Dr. Sarita Nagpal	Deputy Director General	CII-ITC Centre of Excellence for Sustainable Development 2nd Floor, Thapar House, 124, Janpath New Delhi 110 001	Tel: + 91 11 4372 3316 / 4150 2301 - 02 Fax: + 91 11 4150 1924 / 25	sarita.nagpal@cii.in	cii.in
CII-CESD	Mr. Sanjay Namdeo	Councillor - Energy	CII-ITC Centre of Excellence for Sustainable Development 2nd Floor, Thapar House, 124, Janpath New Delhi 110 001	M. 09915593898; Tel: + 91 11 4372 3316 / 4150 2301 - 02 Fax: + 91 11 4150 1924 / 25	sanjay.namdeo@cii.in	cii.in
CII-CESD	Mr. Muthusezhiyan N.	Sr. Councillor	CII – Sohrabji Godrej Green Business Centre Hyderabad	91 40 23112971-73 Extn: 121	n.muthu@cii.in	cii.in

Organisation	Contact Person	Position	Adresse	Telefon	Email	homepage
CPPRI	Dr. R.M. Mathur	Director	Paper Mill Road, Himmat Nagar, Saharanpur 247001 (U.P.) India	M. 9412232388; Tel (O) : 91 - 0132 - 2714050, 2714051; (R) : 91 - 0132 - 2714053 - *Ext (O) : 201, (R) : 301	director@cppri.org.in , m@cppri.org.in , rmm_cppri@rediffmail.com	www.cppri.org.in
CPPRI	Dr. B.P.Thapliyal	Scientist-E II & Head	Paper Testing & Energy Management, Paper Mill Road, Himmat Nagar, Saharanpur 247001 (U.P.) India	M. 9412233397; Tel. (0132) 2714050 - Ext (O) : 215	bpt@cppri.org.in , bipin_thapliyal@yahoo.com	www.cppri.org.in
Ecoprofit Team - Society for Enhancing Sustainability and Value of Organisations (SESVO) -	Mr. Lalit Sharma	Project Manager	860, Sector 21, Gurgaon 122016, Haryana, India	Mobile: 09818433411; Tel: +91 11 26611021 / 26528840 Fax: +91 11 26537673	lalit.sharma@gtz.de , ecoprofit@asemindia.com	www.asemindia.com
Ecoprofit Team - Society for Enhancing Sustainability and Value of Organisations (SESVO) -	Mr. Nitesh Patel	Project Manager	860, Sector 21, Gurgaon 122016, Haryana, India	Mobile: 09818433411; Tel: +91 11 26611021 / 26528840 Fax: +91 11 26537673	patel@stenum.at	www.asemindia.com
EMT International	Mr. Ashok Kumar	Managing Director	A-11/8, Vasant Vihar, New Delhi, 11057 India	Tel: +91-11-26179699 Fax: +91-11-26178352 Mobile: 9810939643	akumar@energymanagertraining.com akumar@emt.in emt@energymanagertraining.com	www.energymanagertraining.com

Organisation	Contact Person	Position	Adresse	Telefon	Email	homepage
GTZ - IGEN	Dr. Jens Burgtorf	IGEN Director	German Technical Cooperation (GTZ) Indo-German Energy Programme (IGEN) Bureau of Energy Efficiency Ministry of Power, Government of India Sewa Bhawan, 4th Floor R.K Puram, Sector 1 New Delhi - 110066, India	Tel: +91 11 2617 9699 Fax: +91 11 2617 8352 Mob: +91 98 71262575	jens.burgtorf@gtz.de	www.gtz.de
GTZ – IGEN	Mr. Arvind Asthana	Senior Technical Specialist	4th Floor, Sewa Bhawan R. K. Puram, Sector – I New Delhi – 110066	Tel +91 11 26179699 Fax: +91 11 26178352 mob: 9810593431	arvind.asthana@gtz.de , asthanaak@yahoo.co.in	www.gtz.de
GTZ - IGEN	Dr. Anant Shukla	Technical Expert	Indo German Energy Program (IGEN), German Technical Cooperation (GTZ), Bureau of Energy Efficiency (BEE- MoP), 4th Floor, Sewa Bhawan, Sector 1, RK Puram	Tel: +91-11-2617 9699 Ext: 248 Fax: +91-11-2617 8352 Ph.: +91-96543 06 007	anant.shukla@gtz.de , anant.shukla@gmail.com	www.gtz.de

Organisation	Contact Person	Position	Adresse	Telefon	Email	homepage
GTZ - IGEN	Mr. K.K.Chakarvarti	Technical Expert	Indo German Energy Program (IGEN), German Technical Cooperation (GTZ), Bureau of Energy Efficiency (BEE- MoP), 4th Floor, Sewa Bhawan, Sector 1, RK Puram	M. 9810865009; Tel: +91-11-2617 9699 Ext: 248 Fax: +91-11-2617 8352	k1kchakarvarti@rediffmail.com , krishan.chakarvarti@gtz.de	www.gtz.de
InWEnt	Mr. Michael Schwartzkopff	Senior Project Manager	InWEnt – Internationale Weiterbildung und Entwicklung gGmbH Capacity Building International, Germany Friedrich-Ebert-Allee 40, 53113 Bonn	Phone +49 30 25482- 123	michael.schwartzkopff@inwent.org	www.inwent.org
InWEnt	Ms. Anita Sharma	Senior Program cum Alumni Coordinator	InWEnt – Capacity Building International, India, 21 Jor Bagh, Lodi Roag, New Delhi 110004	T: +91 (0) 11 24603832 -205 Cell: +91 (0) 9910032633	anita.sharma@inwent.org.in	www.inwent.org
National Productivity Council	Mr. D. Pawan Kumar	Group Head & Director (EM)	Utpadakta Bhavan, 5-6 Institutional Area, Lodhi Road, New Delhi - 110004	+91 11 24690331, mobil: 09818802231	dpawan.kumar@npcindia.org	www.npcindia.org

Organisation	Contact Person	Position	Adresse	Telefon	Email	homepage
TERI	Dr. Hina Zia	Fellow and Area convener	Centre for Res.on Sust. Bldg. Science, Darbari Seth Block, IHC Complex, Lodhi Road, New Delhi - 110 003, INDIA	M. 9958695094; Tel: (+91 11) 2468 2100 and 41504900 ext: 2137 Fax: (+91 11) 2468 2144 and 2468 2147 mob. +91 9811392253	hzia@teri.res.in	www.teriin.org
TERI	Mr. Tarun Garg	Research Associate	Darbari Seth Block, IHC Complex, Lodhi Road, New Delhi - 110 003, INDIA	M. 9999626044; Tel: (+91 11) 2468 2100 and 41504900 ext: 2137 Fax: (+91 11) 2468 2144 and 2468 2147 mob. +91 9811392253	tgarg@teri.res.in	www.teriin.org

Evaluation of the tour by the participants

All participants filled in standardized evaluation forms from the Overseas Exposure Visit.

The overall impression of the filled forms is that the training was relevant for each participant. The methodology and learning effect as well as the tutors and participants were mostly rated excellent or good and in one case fairly good. In almost all cases, the objectives of the workshop were rated as achieved or mostly achieved. The organisation was mostly rated excellent and in one case fairly good.

Key topics for follow ups and further cooperation

[Summary on November 4th, 2010]

