

# UNIDO – TERI

## Sustainable Energy Leadership Programme

1 – 14 February 2014, New Delhi, India

### Programme Outline:

The programme “*Sustainable Energy Leadership Programme*” will be organized jointly by TERI University (TERI U), The Energy and Resources Institute (TERI) and United Nations Industrial Development Organisation (UNIDO), in New Delhi from 1 to 14 February 2014.

### Programme Schedule:

<b>31 January / 1 February, 2014, Arrival</b>
Arrival of participants at the New Delhi Indira Gandhi International Airport and received by the TERI team and transfer to accommodation
<b>February 1-5, 2014, Field Visits</b>
Field visits to selected interventions in energy access, energy efficiency and renewable energy projects
<b>February 1, 2014</b> <ul style="list-style-type: none"><li>• 1030 hrs: Welcome, Introductions and Programme briefing at TERI University Addresses by: Ms. Ayumi Fujino, UNIDO Regional Director in India Dr. Leena Srivastava, Vice Chancellor and Dr. Rajiv Seth, Registrar, TERI University</li><li>• 1130 hrs: Departure to TERIGram</li><li>• 1215-1300 hrs: Briefing at TERI Gram</li><li>• 1300 hrs: Lunch</li><li>• 1345 hrs: Visit to TERI Gram : Various applications of biomass gasifire systems and Smart Mini Grid (SMG)</li><li>• 1700 hrs: Tea</li><li>• 1830 hrs: Return to Guest House</li></ul>
<b>February 2, 2014, Site Visit (Firozabad and Agra)</b> <ul style="list-style-type: none"><li>• 0600 hrs: Travel to Firozabad by road</li></ul>

- Visit to one of the pot furnace unit with energy efficient design for the glass industry
- Visit to the bangle baking shed to see energy efficient muffle furnaces under operation
- 1700hrs: Departure to Delhi

**February 3, 2014, Site Visit (National Small Hydro Energy Centre, Roorkee)**

- 0900 hrs: Travel to Roorkee
- 1400 hrs: Visit to Small Hydro Power Site
- 1600 hrs : Arrival to Roorkee
- 1800 hrs : Tea
- 1900 hrs : Site visit / dinner

**February 4, 2014 Site Visit (National Small Hydro Energy Centre, Roorkee)**

- 0900 hrs : Visit to National Small Hydro Energy Centre including SHP testing lab and training simulator
- 1230 hrs : Lunch
- 1400 hrs : Departure for Delhi

**February 5, 2014**

➤ **Visit to Lucknow)**

- 1000 hrs : Workshop on Sustainable Energy For All (at Taj Palace)(
- 1300 hrs : Lunch
- 1400 hrs : Convocation Ceremony at TERI University

**February 6-8, 2014, Delhi Sustainable Development Summit 2014**

- On 6<sup>th</sup> whole day: Participation at Delhi Sustainable Development Summit: Attaining Energy, Water and Food Security for All; Side Events and Meetings with Leading Experts and Policy Makers attending DSDS;
- On 7<sup>th</sup> First half Site Visits and Lunch at TERI University followed by visit to UNIDO Office from 1500 -1700 hrs
- On 8<sup>th</sup> the entire day at DSDS 2014
- Presentation between 10-14 February at TERI University followed by dinner at TU.

**February 9, 2014 Site Visit (Jagdishpur, State of Uttar Pradesh)**

- 0730 hrs: Departure for Lucknow for field visit to Jagdishpur
- Visit to the Solar Field Lab, efficient cook stove testing and monitoring
- Visit to see the working of improved stoves in rural kitchens
- Visit to a solar based micro-grid that serves the local village market and interaction with the Village level Entrepreneur (VLE) and shop owners (customers of the grid)
- Lunch with the Energy Efficiency team and state level experts
- 17:00 –hrs Travel from Lucknow to New Delhi

<b>February 10-14, 2014 - Technical Sessions</b>	
<b>February 10, 2014</b>	
Inaugural Session 0930 hrs to 1100 hrs	Dr. R.K. Pachauri, Dr. Pradeep Monga and Dr. Leena Srivastava
Tea break	1100 to 1115
Session 1: Global Energy Scenario 1115 to 1300	Ambassador C. Dasgupta
Lunch	1300 to 1400
Session 2: Energy, development and climate change: considerations for developing countries 1400 to 1630	Dr. Ritu Mathur
Case Studies and Presentations	
<b>February 11, 2014</b>	
Session 1: Integrated energy modelling 930 to 1300	Dr. Atul Kumar, Mr. Anandajit Goswami
Case Studies and Presentations	
Tea Break	1100 to 1115
Session 2: Energy policy reforms and regulation 1400 to 1630	Mr. P.K. Aggarwal
<b>Evening Lecture by Dr. Ajay Mathur</b>	
<b>February 12, 2014</b>	
Session 1: Promoting energy efficiency: Industry sector 0930 to 1100	Mr Prosanto Pal, Mr. P.K. Bhattacharjya
Tea Break	1100 to 1115
Session 2: Promoting energy efficiency: Transport sector 1115 to 1300	Shri Mukul Mathur & Mr. Shri Prakash
Lunch	1300 to 1400
Session 3: Promoting energy efficiency: Buildings and appliances 1400 to 1630 hrs	Ms Mili Majumdar, Mr Pradeep Kumar
<b>February 13, 2014</b>	
Session 1: Scaling up renewable energy technologies: Centralized power generation technologies 0930 to 1300	Mr. Shrish Garud & External Speaker
Tea Break	1100 to 1115
Session 2: Scaling up renewable energy technologies: Decentralized application 1400 to 1630	Mr. Amit Kumar & Ms. Parimita Mohanty
Case Studies and Presentations	
<b>Evening Lecture by Mr. R.K. Caprihan</b>	
<b>February 14, 2014</b>	
Session 1: Overcoming barriers to universal energy access 0930 to 1100	Mr. I.H. Rehman & Mr. Abhishek Kar

Tea Break	1100 to 1115
Closing Session: Presentation by Participants (in Groups) 1115 to 1630 hrs. Feedback by Participants Chair: Dr. Leena Srivastava, Vice Chancellor TERI University Dr. Rajiv Seth, Registrar, TERI University	
<b>Reception 1900 hrs at IHC</b>	
<b>14<sup>th</sup> night / 15 February 2014, Departure</b>	
Departure of participants from the New Delhi Indira Gandhi International Airport	