



**Capacity Building Workshop for  
Low-Carbon Comprehensive Mobility Plans for  
Indian Cities**

**Venue: India Habitat Center, Lodhi Road, New Delhi**

**11<sup>th</sup> to 13<sup>th</sup> April 2012**

Supported by:



Federal Ministry for the  
Environment, Nature Conservation  
and Nuclear Safety

based on a decision of the Parliament  
of the Federal Republic of Germany

**Workshop Programme**

**Day – 1 (11 April 2012)**

09:30 – 10:00 Registration

**Inaugural Session**

**Chair : Prof. Dinesh Mohan**

10:00 – 10:05 Welcome Prof Dinesh Mohan, IIT, Delhi

10:05 – 10:25 Inauguration : Dr. Sudhir Krishna, Secretary, Ministry of Urban Development, GoI

10:25 – 10:45 Overview of LCMP approach: Dr. Subash Dhar, UNEP Risoe Centre

10:45 – 11:00 Comments and Q&A from the Floor

**11:00 – 11:15 Tea Break**

**Session 2: Initiatives within cities**

**Chair : Ms. Kamala Ernest, UNEP**

11:15 – 11:35 Presentation from Visakhapatnam, Sh. K Ramesh

11:35 – 11:55 Presentation from Rajkot, Ms. Alpana Mitra, IAS

11 : 55 – 12 : 30 Comments and Q & A from the floor

**12:30 – 14:00 Lunch Break**

**Session 3: Overview of LCMP Approach**

**Chair: Dr. Sudhir Sharma, UNEP Risoe Centre**

14:00 – 14:40 Methodology for LCMP Prof. Geetam Tiwari, IIT, Delhi

14:40 – 15:00 Macro Considerations for LCMP, Prof. P.R. Shukla, IIMA

15:00 – 15:15 Discussion

**15:15 – 15:30 Tea Break**

**Session 4: Financing for Low Carbon Transport Projects**

**Chair : Prof. Prem Pangotra, IIMA**

15:30 – 16:00 Overview of International Climate Funds for Urban Transport, Mr. Jonathan Gomez, GiZ

16:00 – 16:15 Climate Finance Possibilities for post-2012 - Global perspective, Dr. Sudhir Sharma, URC

16:15 – 16:30 Sustainable Urban Transport Project (SUTP) – Focus on Capacity Building, Mr. Jonathan Gomez, GiZ

16:30 – 17:00 Discussion

## **Day – 2 (12 April 2012)**

### **Inaugural Session**

**Chair : Ms. Kamala Ernest, UNEP**

- 09:30 – 09:35 Welcome: Prof Geetam Tiwari, IIT, Delhi
- 09:35 – 09:45 Workshop Objectives: Dr. Subash Dhar, UNEP Risoe Centre
- 09:45 – 10:00 Introduction and Roles of Partners

### **Session 1: Module 0 CMP Approach**

**Chair: Dr. Subash Dhar, URC**

- 10:00 – 10:15 An overview of the CMP prepared under JnNURM, Sh. B I Singal, IUT
- 10:15 – 10:30 Experience sharing in CMP preparation by Ms. Sujata Sawant, RITES
- 10:30 – 10:45 Experience sharing in CMP preparation by Ms. Anvita Arora, iTrans
- 10:45 – 11:00 Discussion

### **11:00 – 11:15 Tea Break**

### **Session 2: Module 1 Analysing existing situation**

**Chair: Prof . Prem Pangotra**

- 11:15 – 11:45 Data collection methodology and sampling issues, Dr. Kalaga R Rao, IIT, Delhi
- 11:45 – 12:15 Measuring inclusiveness, Prof Darshini Mahadevia, CEPT University
- 12:15 – 12:45 Discussion

### **12:45 – 13:45 Lunch**

### **Session 3: Module 2 City level indicators for Low Carbon Mobility**

**Chair: Prof. Geetam Tiwari**

- 13:45 – 14:30 Urban Air Quality & Sustainable Transport : Issues, Instruments and Strategies, Prof. Prem Pangotra, IIM, Ahmedabad
- 14:30 – 14:50 Measurement of Air Quality Indicators, Dr. Sarath Guttikunda and Mr. Rahul Goel, IIT, Delhi
- 14:50 – 15:30 Indicators for Low Carbon Mobility, Deepty Jain, IIT, Delhi
- 15:30 – 16:15 Discussions
- 16:15 – 16:30 Tea**

## **Day – 3 (13 April 2012)**

### **Session 1: Module 3 Developing Scenarios**

**Chair: Sh. Ambuj Sagar, Director General, Institute of Urban Transport**

9:30 – 10:00 Overview of scenarios and data assumptions for BAU, Prof. Geetam Tiwari, IIT, Delhi

10:00 – 10:30 Methodology for public transport demand estimation, Mr..SSLN Sarma, IIT, Delhi

10:30 – 10:45 Inputs for modelling bicycles travel demand, Ms. Himani Jain, IIT, Delhi

10:45 – 11:15 Discussion

**11:15 – 11:30 Tea Break**

### **Session 2: Module 4 Technology strategies for Low Carbon Mobility**

**Chair: Mr. Sandeep Garg, Bureau of Energy Efficiency**

11:30 – 12:00 Electric mobility strategy for low carbon transport, Mr. Ankur Chaudhary & Prof Ambuj Sagar, IIT, Delhi

12:00 – 12:30 Sustainable mobility approaches for low carbon development: Implications for energy demand and CO<sub>2</sub> emissions, Dr. Subash Dhar URC/ Prof. P R Shukla IIMA

12:30 – 13:00 Discussion

**13:00 – 14:00 Lunch**

### **Session 3: Module 5 Prioritization of technologies and Integrating Climate Considerations**

**Chair: Prof. Kalaga R Rao, IIT Delhi**

14:00 – 14:45 Prioritising technologies / infrastructures using Multi criteria Analysis, Dr. Sudhir Sharma, URC

14:45 – 15:15 Adaptation Framework for large infrastructures, Prof Amit Garg, IIMA

15:15 – 15:45 Discussion

**15:45 -16:00 Workshop Closing (IIT, Delhi)**

**High Tea**

