



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

Venue: India Habitat Center, Lodhi Road, New Delhi

11th to 13th April 2012

Supported by:



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 :

10:00 – 10:05

Welcome (IIT, Delhi)

10:05 – 10:25

Inauguration : Dr. Sudhir Krishna, , Secretary, MoUD, 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 : Sh. Shailesh K. Singh, Joint Secretary, MoUD, GoI (tbc)

11:15 – 11:45

Presentation from Visakhapatnam, Sh. B Ramanjaneyulu, IAS (tbc)

11:45 – 12:15

Presentation from Rajkot, Sh. Ajay Bhadoo, IAS (tbc)

12:15 – 12:45

Presentation from Ludhiana (tbc)

12:45 – 13:00

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 (IIT, Delhi & CEPT University, Ahmedabad);
(Prof. Geetam Tiwari)

14:40 – 15:00

Macro Considerations for Urban Low Carbon Mobility Plans, (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. P R Shukla, IIMA

15:30 – 16:00

Overview of International Climate Funds for Urban Transport, Mr. Jonathan
Gomez, GiZ

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|---------------|--------------------------------------------------------------------|
| 16:00 – 16:15 | ADB Initiatives for the cities, , Asian Development Bank ADB (tbc) |
| 16:15 – 16:30 | Institutional Financing for the cities, ILFS (tbc) |
| 16:30 – 17:00 | Discussion |

Day – 2 (12 April 2012)

Inaugural Session

Chair : Kamala Ernest, UNEP

- 09:30 – 09:35 Welcome (IIT, Delhi)
- 09:35 – 09:45 Workshop Objectives: Dr. Subash Dhar, UNEP Risoe Centre
- 09:45 – 10:00 Introduction and Roles of Partners (IIT, Delhi, CEPT, University and IIM, Ahmedabad)

Session 1: Module 0 CMP Approach

Chair: Sh. B I Singal, Director General, Institute of Urban Transport (tbc)

- 10:00 – 10:15 An overview of the CMP prepared under JnNURM, Sh. B I Singal, IUT
- 10:15 – 10:25 Experience sharing in CMP preparation by Dr. Valsala C Nair, CDM Smith, (tbc)
- 10:25 – 10:35 Experience sharing in CMP preparation by Mr. Abhay Negi, RITES (tbc)
- 10:35 – 10:45 Experience sharing in CMP preparation by Ms. Anvita Arora, iTrans (tbc)
- 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)
- 11:45 – 12:00 Inputs for modeling travel demand (Ms. Himani Jain)
- 12:00 – 12:15 Measuring inclusiveness (Prof Darshini Mahadevia, CEPT)
- 12:15 – 12:45 Discussion

12:45 – 13:45 Lunch

Session 3: Module 1 Analysing existing situation

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. Subash Dhar, URC)
- 14:50 – 15:15 Discussions

15:15 – 15:30 Tea Break

Session 4: Module 2 City Level Indicators for Low Carbon Mobility

Chair : Prof. Darshini Mahadevia

- 15:30 – 16:00 Indicators for Low Carbon Mobility, (IIT, Delhi & CEPT), (Prof. Geetam Tiwari)

- 16:00 – 17:00 Group Exercise on City level indicators (IITD)
- 17:00 – 17:30 Presentations by groups

Day – 3 (13 April 2012)

Session 1: Module 3 Developing a Business as Usual Scenario

Chair: Prof. Ambuj Sagar, IIT, Delhi

- 9:30 – 10:00 Assumptions and data for BAU (Deepty Jain, IIT, Delhi)
- 10:00 – 10:30 Methodology for travel demand (Dr. KR Rao, IIT, Delhi)
- 10:30 – 11:00 Methodology for calculating Energy Demand /Local & CO2 emissions from Travel Demand (Dr. Subash Dhar URC/ Prof. P R Shukla IIMA)
- 11:00 – 11:30 Discussion

11:30 – 11:45 Tea Break

Session 2: Module 4 Developing alternative scenario for Low Carbon Mobility

Chair: Sh. B.I.Singhal, Director General, Institute of Urban Transport (tbc)

- 11:45 – 12:05 Sustainable strategies for low carbon transport (Prof Geetam Tiwari/ Prof Ambuj Sagar)
- 12:05 – 12:35 Calculating travel demand for alternative scenario (Sh. Rahul Goel/Prof. Geetam Tiwari)
- 12:35 – 13:00 Discussion

13:00 – 14:00 Lunch

Session 4: Module 5 Integrating Climate Considerations

Chair: IIT Delhi

- 14:00 – 14:30 Back-casting methodology for alternative scenario (Prof. P R Shukla, IIMA)
- 14:30 – 15:00 Adaptation Framework for large infrastructures (Prof Amit Garg, IIMA)
- 15:00 – 15:15 Discussion

15:15– 15:30 Tea Break

Session 3: Module 6 Prioritising infrastructures & technologies for LCMP

Chair:, Prof. Rutul Joshi

- 15:30 – 16:00 Prioritising technologies / infrastructures using Multi criteria Analysis (Dr. Sudhir Sharma, URC)
- 16:00 – 17:00 Group exercise using the MCA tool (URC)
- 17:00 – 17:15 Group presentation
- 17:15 -17:30 Workshop Closing (IIT, Delhi)**

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