

## Agenda

### Integration of Renewable (Solar) Energy Systems for Planning Sustainable Habitat

Wednesday, January 29, 2014

Venue: New Committee Room - **School of Planning and Architecture, New Delhi.** 4-Block-B, Indraprastha Estate, New Delhi 110002

**09.30-10.00**  
**Inaugural Session**                      **Registration and Tea**

10.00 -10.05                      **Welcome Address**  
**Prof. (Dr.) Mahavir**                      Head, Department of Environmental Planning  
Coordinator, Centre for Climate Change and Human Settlements, SPA, New Delhi

10.05 -10.15                      **Setting the Conference Agenda**  
**Prof. A. K. Maitra**                      Former Director, Visiting Professor, SPA, New Delhi  
Planning and Sustainability

10.15-10.30                      **Opening Remarks**  
**Prof. Chetan Vaidya**                      Director, School of Planning and Architecture, New Delhi  
Key Issues: Role of Planning Institutions

10.30 -10.45                      **Keynote Address**  
**Dr. Praveen Saxena**                      Director General, National Institute of Solar Energy  
Ministry of New and Renewable Energy (MNRE), Government of India

10.45-11.00                      **Special Address**  
**Dr. Akhilesh Gupta**                      Adviser & Head, Climate Change and Technology Development & Transfer Division  
Department of Science and Technology, (DST), Government of India

11.00-11.20                      **Conference Address**  
**Dr. Arun Tripathi**                      Director, Ministry of New and Renewable Energy, Govt. of India  
Government of India perspective and Solar Cities Program

11.20-11.25                      **Vote of Thanks**  
**S Yadav**                      Principal Adviser  
International Centre for Innovation, Leadership and Development (ICfILD)

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Mr. Rajeev R.  
Ms. Ruchika Singh

Rapporteurs

11.25-11.45

Tea Break

**Technical Session- I**

**Defining Energy Efficient “Solar” Green Buildings – Design and planning considerations for integration of renewable energy for Sustainable Habitat**

11.45 - 1.45 PM

**Session Moderator**

**Prof. Dr. Mahavir**

Head, Department of Environmental Planning  
Coordinator, Centre for Climate Change and Human Settlements, SPA, New Delhi

**Mr. Sanjay Prakash**

SHIFT (Studio for Habitat Futures)  
The Importance of Integration

**Prof. Dr. Arvind Krishan**

Center for Architectural Systems Alternatives, New Delhi

**Dr. Tobias Engelmeier**

Jt. Managing Director, An Bridge to India Energy Pvt. Ltd.  
Solar Roof Top Market Potential in India

**Ar. Deependra Prasad**

Sustainable Design Consultant  
Indira Paryavaran Bhawan

**Dr. Kakoli Saha**

Principal Investigator of DST Project, School of Planning and Architecture, Bhopal  
Optimization of Photovoltaic Solar Panel Installation

Ms. Chetna Singh  
Ms. Narenderjit Kaur

Rapporteurs

1.45 - 2.15 PM

L U N C H

**Technical Session –II**

***Practicing Solar based efficient architecture and planning parameters - case studies***

2.15 – 4.00 PM

**Session Moderator**

**Prof. Dr. Meenakshi Dhote**

Professor, Environmental Planning, SPA, New Delhi

**Ms. Alankrita Soni**

Environmental Architect; Design and Development India Pvt. Ltd. (D&D)  
Shunya House (net zero energy model home) and Panache School

**Prof. Charanjit Shah**

Creative Group  
Sustainability in Mega Projects

**Dr. Shweta Manchanda**

Associate Professor of Architecture, SPA, New Delhi  
Optimizing Planning and Design for Efficient Integration of Renewable Energy Systems

**Students' Presentation**

Department of Environmental Planning, SPA, New Delhi  
An approach to preparing an Environmental Plan for Shimla with special focus on Solar

Ms. Mahalakshmi Karnad  
Ms. Priyanka

Rapporteurs

4.00 – 4.15 PM

**TEA BREAK**

### Technical Session –III

#### Issues and Challenges for integrating renewable energy technologies in Building Design

4.15 –5.15 PM

**Session Moderator**

**Prof. A. K. Maitra**

Former Director, Visiting Professor, SPA, New Delhi

**Mr. Vishal Goyal**

AGM, National Housing Bank  
Financing Options for Sustainable/ Green Housing

**Prof. Dr. Vinod Gupta**

Space Design Consultants

**Prof. Dr. N. K. Bansal**

IIT-D; Former-VC, Shri Mata Vaishno Devi University

Dr. Neha G. Tripathi

Rapporteurs

Mr. Gaurav Yadav

### Concluding Session

#### Way Forward - Panel Discussion and Recommendations

5.15 – 5.45 PM

**Moderator: Prof. A. K. Maitra**

**Panelists** Dr. A. K. Tripathi (Director, MNRE); Mr. Vishal Goyal (NHB); Mr. Sanjay Prakash, Prof. N. K. Bansal; Prof. Charanjit Shah

**Rapporteurs** Ms. Jasprit Kaur and Ms. Pallavi C. Nath

**Vote of Thanks** Prof. Dr. Meenakshi Dhote

5.45 PM **Networking Session with High Tea**