



Ministry of Environment & Forests  
Government of India



*Present*  
**INDIA Carbon Market**  
CONCLAVE 2011  
*India's International Forum for Climate Policy and Carbon Markets*

**September 7-8, 2011**  
Hotel Le Meridien – New Delhi, India



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## AGENDA

### DAY 1 SEPTEMBER 7, 2011 (WEDNESDAY)

8:45 AM  
ONWARDS

#### REGISTRATION

10:00 AM –  
11:00 AM

#### INAUGURAL SESSION (VENUE: SOVEREIGN)

- Welcome Address by Dr Rajiv Kumar, Secretary General, FICCI
- Theme Address by Mr Neeraj Prasad, Manager, Climate Change Practice, World Bank Institute
- Keynote Address by Dr Tishyarakshit Chatterjee, Secretary, Ministry of Environment & Forests, GOI
- Release of Knowledge Paper
- Concluding Observations by Mr Henry Derwent, President and CEO, IETA

11:00 AM –  
11:25 AM

#### TEA BREAK

11:25 AM –  
12:45 PM

#### PLENARY SESSION 1: INDIA'S DOMESTIC CLIMATE POLICY AGENDA AND MARKET- BASED MECHANISMS (VENUE: SOVEREIGN)

The adoption of the National Action Plan on Climate Change (NAPCC) was a significant effort to address Climate Change issues at the national level.

This session will focus on India's score card on attaining the goals set and its domestic road map on formulation and implementation of the policies and plans at the central level as well as success stories at



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the state level.

**Chair:** Dr Prodipto Ghosh, Chairman, FICCI Climate Change Task Force and Former Secretary, Ministry of Environment & Forests, GOI

**Speakers:**

- Mr Gireesh B Pradhan, Special Secretary, Ministry of Power, GOI
- Dr Kirit Parikh, Former Member, Planning Commission, GOI
- Dr Arun Goel, Joint Secretary, Ministry of Urban Development, GOI

12:45 PM –  
1:45 PM

**LUNCH**

1:45 PM –  
3:00 PM

**PLENARY SESSION 2: CLIMATE FINANCE (VENUE: SOVEREIGN)**

As the UN Secretary General Ban Ki-Moon stated, "Climate financing is one of the most important aspects of our efforts to address the climate change challenge". It is even more crucial to facilitate climate change mitigation efforts and technology transfer in the developing countries, and also to build trust amongst the developed countries.

This session will draw upon the recent developments in the climate finance and discuss about the role and responsibility of the developed countries to contribute towards the climate finance, the role of the international facilitators such as the UN, World Bank, ADB, the status of the different funding mechanisms which have been announced earlier this year and last year, what developing/beneficiary countries should expect from climate finance and by when, the limitations of these funds in terms of size, type, origin, stage and nature of the carbon credit projects, and India's placement in the climate finance beneficiary map.

**Chair:** Dr Dipak Dasgupta, Principal Economic Adviser, Department of Economic Affairs, GOI

**Speakers:**



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- Dr Venkata Putti, Senior Energy Specialist, The World Bank
- Mr Philip Hardwick, Executive Director, J P Morgan Global Commodities
- Mr Nitin Zamre, Managing Director, ICF International

**3:00 PM –**  
**3:15 PM**      **TEA BREAK**

**3:15 PM –**  
**4:30 PM**      **PLenary SESSION 3: CDM- NEW DECISIONS & DEVELOPMENTS**  
**(VENUE: SOVEREIGN)**

Clean Development Mechanism (CDM) under the Kyoto Protocol has always been of interest to developing as well as developed countries. CDM has been dynamic with new decisions and guidelines coming after every CDM Executive Board meeting. It has evolved significantly since its inception. With the first phase of the Kyoto Protocol approaching its end in 2012, several questions about the future of CDM and the CDM projects remain. Acknowledging the significant uncertainty looming in this area, this session is designed to cater to most of the commonly asked questions on the fate of CDM and its relation to other components of Carbon Market. Some of the eminent personalities of the internal carbon market and significant players of the CDM will deliberate on some of the latest developments in CDM, challenges and opportunities for CDM project proponents and other stakeholders and the expected direction that CDM could take in post 2012 among others.

**Chair:** Mr. Kai-Uwe Barani Schmidt, Senior Environmental Specialist, The World Bank

**Speakers:**

- Mr R K Sethi, Director (TP and I), Central Electricity Authority, GOI
- Mr Sirithan Pairoj-Boriboon, Executive Director, Thailand Greenhouse Gas Management Organization
- Mr Auroskanda Vepari, EDF Trading



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- Mr Dipankar Ghosh, Partner, Climate Change & Sustainability Services, Ernst & Young (tbc)

4:30 PM –  
5:45 PM

## PLENARY SESSION 4: SOUTH-SOUTH COOPERATION IN CLIMATE CHANGE (VENUE: SOVEREIGN)

The collaboration between developing countries is referred to as South-South Cooperation, which is generally led by major emerging economies like, India, China, Brazil, and South Africa. Such cooperation is vital for confronting shared challenges like Climate Change. Lately, it has been very dynamic and growing in the form of bilateral, trilateral, regional and inter-regional relations. It can be a good way to exchange knowledge, learn lessons from each other's experiences and collaborate in R&D, as most countries are facing similar challenges and operating in comparable financial & political constraints.

This session will bring experiences from the major developing countries on their domestic efforts to combat climate change, the climate change risks that they are exposed to, the ways they are leveraging carbon finance and climate change funds to combat climate change problems, and their success stories.

**Chair:** Mr Neeraj Prasad, Manager, Climate Change Practice, World Bank Institute

**Speakers:**

- Mr Sirithan Pairoj-Boriboon, Executive Director, Thailand Greenhouse Gas Management Organization
- Dr Charles Mutai, Climate Change Secretariat, Ministry of Environment and Mineral Resources, Kenya
- Ms Josefina Patricia M. Asirit, Undersecretary, Department of Energy, The Philippines
- Ms Waraporn Hirunwatsiri, Environmental Specialist, The World Bank

## DAY 2 SEPTEMBER 8, 2011 (THURSDAY)

8:15 AM –

### MASTER CLASS ON DOMESTIC MARKET MECHANISMS (REC & PAT)



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9:45 AM

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There have been several positive developments at the national level in India through the introduction of the two new market based mechanisms, namely Renewable Energy Certificates (RECs) and Perform Achieve & Trade (PAT) scheme.

This session will discuss the role of these market instruments in achieving India's domestic climate change agenda. With an objective to help potential developers and the industry under these market instruments, the session will also focus on the procedures and mechanisms behind each of these market instruments, the current stage of REC and PAT, current and envisaged market size, risks and opportunities for the potential entrants among other important issues related to these market instruments.

10:00 AM –  
11:00 AM

**PARALLEL SESSIONS 1 AND 2**

**PARALLEL SESSION 1: AVIATION AND MARITIME & FORESTRY AND REDD+ (VENUE: INSPIRE)**

The aviation and maritime sector has often been treated separately on GHG emission because the source of emission is extremely mobile across national boundaries and the accountability is often difficult to establish. However, not to forget they fulfill a number of pivotal functions by facilitating economic growth & cultural exchange, by providing efficient means of international travel, etc. Therefore, these sectors need to be made sustainable as their growth cannot be at the expense of climate & environmental quality.

This session will focus on the recent developments in the EUETS regarding inclusion of aviation and maritime sector, the rationale behind regulating the emissions of this sector, impact of inclusion of this sector for India and India's potential reaction, the level of India's preparedness to minimize the adverse impact on its economy and

**PARALLEL SESSION 2: ENERGY EFFICIENCY (VENUE: SOVEREIGN)**

Energy efficiency has a major role to play in mitigation climate change. This session will deliberate on the recent developments in the energy efficiency segment.

The discussions will be focused around the experiences and key learning with respect to the Perform Achieve and Trade Mechanism under the National Mission on Enhanced Energy Efficiency (NMEEE) and the role of this market instrument in achieving India's domestic climate change agenda.



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emissions.

The opportunities such as REDD+ can be viewed as ways to help entrepreneurs in the sector to improve production and tackle climate change at the same time.

This session will discuss the multipurpose benefits of implementing REDD+. During the session, the types, scale, benefits, challenges, financing mechanism, preference of the buyers for “green” carbon credits, and market size of REDD+ will be discussed at length. The session will help the interested stakeholders and potential project developers to understand the essence of this less explored sector of the carbon market.

**Chair:** Dr Prodipto Ghosh, Chairman, FICCI Climate Change Task Force and Former Secretary, Ministry of Environment & Forests, GOI

**Speakers:**

- Mr P N Sukul, Joint Secretary, Ministry of Civil Aviation, GOI
- Dr Satish B Agnihotri, Director General of Shipping & Ex Officio Additional Secretary, GOI
- Mr Jagdish Kishwan, Additional Director General of Forests, Ministry of Environment & Forests, GOI

**Chair:** Mr Ashish Khanna, Senior Energy Specialist, The World Bank

**Speakers:**

- Mr Saurabh Diddi, Energy Economist, Bureau of Energy Efficiency
- Dr G C Datta Roy, Chief Executive Officer, Dalkia Energy Services Company Ltd
- Mr Takashi Hongo, Special Advisor and Head of Environment Finance Engineering Department, Japan Bank for International Cooperation (JBIC)
- Mr L Rajasekar, Executive President, Ultratech Cement

11.00 AM – TEA BREAK



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11.15 AM

11:15 AM –  
12:15 PM

**PLENARY SESSION 5: URBAN DEVELOPMENT AND CLIMATE CHANGE  
(Sustainable Habitat, Transport, Waste Management) (VENUE: SOVEREIGN)**

The urban areas or the cities are the action centers whether it is related to the activities that lead to climate change or efforts that result in mitigation of emissions. A considerable portion of these emissions comes from transportation within the cities and waste generation. Therefore, there is a dire need to build sustainable habitats with proper planning for transportation and waste management.

This session will explore ways and benefits, both environmental and financial, of integrating low carbon practices to secure sustainability in cities such as proper urban planning which accounts for energy efficiency in buildings (both residential and commercial), sustainable transportation, municipal solid waste management, natural resource management, pollution control, proper sanitation, sustainable energy sources as low carbon development strategy to enable cities to become a sustainable habitat.

**Chair:** Ms Nisha Singh, Joint Secretary, Ministry of Urban Development, GOI (tbc)

**Speakers:**

- Ms Rutu Dave, Climate Change Specialist, The World Bank
- Mr Bashar Haddaden, Director of Special Projects, Greater Amman Municipality
- Mr Keshav Chandra, Secretary, Department of Environment, Govt of NCT of Delhi
- Mr Subodh Kumar, Municipal Commissioner, Municipal Corporation of Greater Mumbai (tbc)
- Mr Siddhaiah, Municipal Commissioner, Municipal Corporation of Bangalore (tbc)

12:15 PM  
– 1:15 PM

**PLENARY SESSION 6: BUSINESS LEADERS' OUTLOOK ON GREEN  
GROWTH (VENUE: SOVEREIGN)**

In the coming years, businesses will play a crucial role in addressing the challenge of climate change. The transition to green economy will have to come about through an inclusive strategy involving



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governments as well as businesses working in close harmony. Effective business strategies revolving around the well thought out engagement of technological, human and capital resources backed by strong government policies will result in sustainable solutions for climate change mitigation.

It is imperative for businesses today, to realise that investing in a clean and green economy in the long run would make good business sense. The shift to efficient, climate-friendly technologies and processes offers major business opportunities in fast-growing new markets and can boost resource efficiency, productivity as well as energy security. Moving towards green growth may emerge as the next big step for a company towards achieving a sustainable long term growth strategy.

The Session would provide an insight on the views of top business leaders of India on how they see green growth as an integral element of their business strategy in the next decade.

Chair: Ms Naina Lal Kidwai, Group General Manager and Country Head, HSBC Group

Speakers:

- Mr Sunand Sharma, Country President, Alstom India
- Mr Mahesh Babu, Managing Director, IL&FS Environmental & Infrastructure Services Ltd
- Mr Tulsi Tanti, Chairman and Managing Director, Suzlon Energy Ltd (tbc)

**1.15 PM – LUNCH**  
**2.00 PM**

**2:00 PM – PARALLEL SESSIONS 3 AND 4**  
**3:15 PM**

**PARALLEL SESSION 3: SOLAR ENERGY (VENUE: SOVEREIGN)**

**PARALLEL SESSION 4: TRADE AND CLIMATE CHANGE (VENUE: INSPIRE)**



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From the renewable energy basket, there has been lot of focus by the government on Solar Energy. One of the reasons for this is that India has good solar energy potential being a tropical country; however the potential has not been tapped to the extent it should have been due to several constraints such high capital investment. Solar energy currently costs over four times more than fossil fuel-based energy. The “Solar Mission” is one of the eight pathways defined in NAPCC.

This session will draw upon the recent progress in the provisions and implementation plan of the “National Solar Mission” and discuss the role of the Solar Mission in promulgating and increasing the scope of solar energy in India, the role and extent of international financing in solar energy sector, the situational analysis of the solar energy sector of India, the major opportunities and threat in development of the solar energy and possible solutions to these threats and showcase examples to help potential project developers to enter into the solar industry.

**Chair:**

**Speakers:**

- Mr Tarun Kapoor, Joint Secretary, Ministry of New and Renewable Energy, GOI
- Mr A K Maggu, General Manager (BD & IT), NTPC Vidyut Vyapar Nigam Ltd (tbc)
- Mr Vijay Anand, Deputy General Manager, Moser Baer Solar
- Mr Santosh Kamat, Executive Director, KPMG Advisory Services Pvt. Ltd (tbc)

There is an ongoing debate internationally on the impact of unilateral trade measures that may come into effect as a result of global policy and regulatory developments.

This session will highlight the concerns with respect to unilateral trade measures as well as focus on exploring the synergies between the trade and climate change regimes.

This session will explore the linkages between trade policy and climate policy and deliberate on ways in which both can complement each other in the long run.

**Chair:** Mr Rajeev Kher, Additional Secretary, Ministry of Commerce, GOI

**Speakers:**

- Dr Biswajit Dhar, Director General, RIS
- Ms R V Anuradha, Partner, Clarus Law Associates
- Dr Lavanya Rajamani, Professor, Centre for Policy Research (tbc)



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3:15 PM – TEA BREAK  
3:30 PM

3:30 PM – 4:45 PM  
**PLENARY SESSION 7: PROPOSALS FOR MARKET MECHANISMS  
(VENUE: SOVEREIGN)**

Developing countries have always been in favor of market based instruments to scale up their mitigation action domestically, for obvious reasons. Post Cancun, new carbon market mechanisms are being explored on the lines of CDM at different levels.

This session will focus on the different proposed carbon market instruments and the funds that are created to support the functioning of these mechanisms. The different areas that this session will touch upon include, inter alia, the underlying mechanisms and principles of these proposed carbon market instruments, status-check of the different instruments that have already been proposed and those that are in the pipeline, opportunities and challenges for the carbon market players, the linkages of these instruments with CDM and how these linkages are drawn, and what it means for the CDM proponents.

**Chair:** Dr Prodipto Ghosh, Chairman, FICCI Climate Change Task Force and Former Secretary, Ministry of Environment & Forests, GOI

**Speakers:**

- Mr Henry Derwent, President & CEO, IETA
- Mr Edwin Aalders, Assessor, DNV
- Ms Monali Ranade, Senior Environmental Specialist, World Bank Institute
- Mr Andrei Marcu, Senior Vice President, Mercuria Energy Group

4:45 PM – **PLENARY SESSION 8: INTERNATIONAL NEGOTIATIONS: STATE OF**



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6:00 PM

**PLAY AND ROADMAP TO DURBAN (VENUE: SOVEREIGN)**

The last two COPs at Copenhagen and Cancun have not proved to be effective in terms of providing clear signals about the post 2012 international framework. Therefore, it goes without saying that there will be high level of expectations from the next COP in Durban, South Africa which is Rio+20. This session will draw upon the accords of the previous COPs mainly Bali Road Map, Copenhagen Accord and Cancun Agreements and discuss the scoreboard of each of these stellar international climate change meets. It will make an attempt to dissect the major previous climate negotiations and analyze the major sore areas thereby giving a screenshot view of the current state of play and point at the bottlenecks of the previous COPs with an intension of suggesting to go by such circumstances to make the forthcoming COP a more meaningful one and meet people's expectations.

This session will also help the participants run-through the positions of the major/active countries during the negotiations and help them understand India's position and rationale behind it. It is designed to help the participants understand what is expected out of COP17 and looking at its predecessors, what can we expect from the upcoming COP - the one believed to be the "big one".

**Chair:** Mr Neeraj Prasad, Manager, Climate Change Practice, World Bank Institute

**Speakers:**

- Mr Dilip Sinha, Additional Secretary (International Organisations & Environmental Diplomacy), Ministry of External Affairs, GOI
- Ms Daniele Smadja, Ambassador, Head of the Delegation of the European Union
- Mr Massamba Thioye, Manager, Standard Setting Unit, Sustainable Development Mechanism Programme, United Nations Framework Convention on Climate Change Secretariat (UNFCCC)
- Mr Henry Derwent, President and CEO, IETA



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