

Carbon Markets India

Migrating business to a low carbon economy for sustainable economic growth

Taj President Hotel, Mumbai, India ♦ 29-30 September 2008

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Industrie Service

Learn from Leading Carbon Experts, Including:



Neeraj Khatri
Deputy Director
Ministry of
Environment &
Forests



Pamposh Bhat
Director
GTZ



A B Chakraborty
Group General
Manager & Head,
Carbon
Management Group
ONGC, Carbon
Management
Group



Vinod Kala
Founder
Emergent Ventures



Ben Lashkari
Head of Emissions
Swiss Re Capital
Markets



Suresh Iyer
Assistant General
Manager
JSW Steel



Shri Yashpal Gupta
Deputy General
Manager, Carbon
Credit Business
IDBI



Kishor Mukherjee
Vice President, CDM
Cell
RIL Projects

Plus Practical Case Studies, Insight and Analysis from:

- ▶ **Ashok Kumar Choudhary**, Managing Director, **IFCI Venture Capital Fund**
- ▶ **Somak Ghosh**, President, Corporate Finance and Development Banking, **YES Bank**
- ▶ **Shri Debashish Majumdar**, Managing Director, **IREDA**
- ▶ **Sandeep Kanda**, Regional Manager Asia, **TUEV SUED**
- ▶ **Hetalkumar Shah**, Senior Manager, **Reliance Power**
- ▶ **Dr S Chinnaraj**, Deputy Manager Research and Developmen, **Tamilnadu Newsprint and Papers**
- ▶ **Gopal Gandhi**, Deputy General Manager Projects, **Rajasthan State Mines & Minerals**
- ▶ **Nils Medenbach**, Regional Manager India, **First Climate**
- ▶ **Prosenjit Sarkar**, Chief Production, **Hooghly Met Coke & Power**

**REDUCED
RATES
FOR
INDIAN
COMPANIES**

- ✔ Case study led agenda
- ✔ Flexible pricing options for Indian companies and project hosts
- ✔ Co-located exhibition area
- ✔ Only independent Indian CDM market event
- ✔ First class networking opportunities including online networking system

A limited number of passes are available for project developers from just \$199

Part of:

Carbon Markets **Series**

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Carbon Markets India

Endorsed By:

Carbon Markets India is unique in its nature as the only independently researched conference in India to focus on CDM opportunities. The core function and challenge of the event this year is to drive the sustainable economic growth of India's industry through the migration to a low carbon economy.

India is one of the success stories of the CDM, with 32.83% of all registered CDM project activities and 14.7% of CERs from registered projects (Source: UNFCCC). India's dependence on fossil fuels creates high carbon intensity, providing industry with an excellent opportunity to generate large volumes of carbon credits from energy efficiency and clean energy projects.

Post 2012, India is set to continue in its role as a major market for GHG mitigation thanks to its predicted economic growth path and the full support and initiative of the Indian government and its Designated National Authority (DNA). In order to effectively fight climate change it is essential that India leapfrogs western industrialisation with modern low-carbon intensive manufacturing and clean sources of energy. **Carbon Markets India** will once again provide an excellent meeting point for new market entrants and key players from the entire carbon market value chain to achieve this goal.



Here's who you'll meet at Carbon Markets India 2008

- ▶ Project Developers & Hosts
- ▶ Bankers & Finance
- ▶ Government & Municipalities
- ▶ Analysts & Research
- ▶ Carbon Consultants
- ▶ Project Verifiers
- ▶ Carbon Brokers
- ▶ Press
- ▶ DNAs & CDM Offices

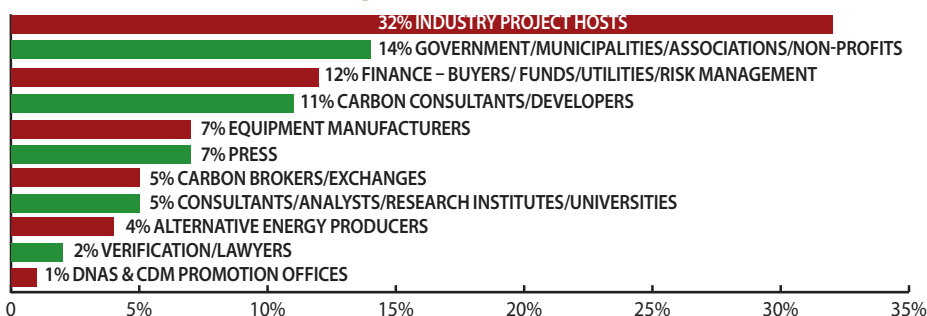


The inaugural Carbon Markets India was attended by 164 participants from 12 countries. Attendees included high level executives from:

Asian Paints • Eastman Exports • Essar Group • Grasim Industries • Indian Sucrose • Oil & Natural Gas Corp • Reliance Industries • Sainsons Paper Industries • Shree Renuka Sugars • Fidelity Fund Management • RWE Power • SGS • Statoil • Sasol Synfuels • BP Alternative Energy • FICCI - Quality Forum • Bunge India • Lloyd's Register Quality Assurance • Mecpro Heavy Engineering • Asian Development Bank • ABN AMRO Bank • Siemens • Agrinergy Consultancy • Hindustan Zinc • Dempo Group • Jubilant • Nucon Energy Group • IHS Energy • Suntraco • Torrent Power • Metro Entertainment • Senergy Global • Priyadarshini Polysacks

Meet prospective project developers – 32% of the audience were Indian project hosts in 2007

Breakdown of attendees present in 2007:



Enhanced Delegate Networking

One of the fantastic new features of Carbon Markets India is the online networking system – all pre-registered delegates, speakers and guests can contact each other, organise meetings and network before, during and after the event using this easy to use, private networking system. For more information, please visit the website.

“The Carbon Markets India conference has enhanced, enriched, enlightened and educated enormously.”

MECPRO HEAVY ENGINEERING

“I enjoyed the event as it gave a good insight on the current Indian market.”

KOMMUNALKREDIT PUBLIC CONSULTING

Carbon Markets Series

Over 1750 sustainability professionals have participated in our global Carbon Markets events which provide first class networking platforms for project hosts, carbon credit buyers, government representatives, DNA's and carbon experts.

Our events have an excellent track record of attracting high calibre project developers in developing regions to help drive the adoption of CDM projects in the USA, Latin America, Asia, India and Africa.

Book Now – Call +44 20 7801 6333 or Online at: www.greenpowerconferences.com

08.30 Registration, Welcome Coffee & Exhibition Visit

09.00 Chair's Opening Remarks

09.10 - 10.30

Keynote Session: How Can Emissions Be Curbed Without Affecting Economic Growth

India's economy is growing at around 8-9% per year; a side effect of this growth is increasing emissions. What strategies can industry adopt to reduce GHG emissions without impeding economic growth?

Opening Address

Neeraj Khatri, Deputy Director, **Ministry of Environment & Forests**

Future Directions and National Strategies to Reduce GHG Emissions

Keynote speaker to be announced

Carbon Management, Sustainable Development and Revenues from CDM

- ▶ Implementing corporate strategies to measure and reduce carbon emissions
- ▶ Sustainable development in industry
- ▶ Assessing the revenue potential from the CDM

A B Chakraborty, Group General Manager & Head, Carbon Management Group, **ONGC, Carbon Management Group**

10.20 Interactive Discussion Session with Speakers

10.30 - 11.40

New Market Developments

This session will bring together leading Indian CDM experts to examine how the market has developed over the past year and analyse strategies for future market growth.

An Update on the Indian CDM Market

- ▶ What are the latest developments in the Indian CDM market?

Pamposh Bhat, Director, **GTZ**

Ensuring Project Additionality

- ▶ What are the key elements of additionality?
- ▶ Why some Indian projects have faced challenges
- ▶ Positive and negative project examples

Timothy Patrick Fox, Entrepreneur in Residence, **IFMR Trust**

Panel Discussion: Programmatic CDM – Increasing the Value of Small Scale Projects

- ▶ What is programmatic CDM?
- ▶ How will it work in practice?
- ▶ Will it help stimulate investment in small scale projects?

Pamposh Bhat, Director, **GTZ**

Vinod Kala, Founder, **Emergent Ventures**

11.40 Networking Refreshment Break & Exhibition Visit

12.20 - 13.10

Financing CDM Projects

This session will provide companies with an update on the financing options available for companies looking to develop CDM projects and an overview on strategies to mitigate risks involved for investors.

Mitigating Risk in CDM Projects

- ▶ What are the barriers to financing CDM projects in India?
- ▶ Analyzing the risks in project financing
- ▶ Solutions to mitigate barriers in CDM financing

Ben Lashkari, Head of Emissions, **Swiss Re Capital Markets**

Opportunities for Venture Capitalists in India's Carbon Markets

- ▶ What is the role for venture capital in CDM?
- ▶ What is the potential for carbon funds for CDM?
- ▶ What types of project are of most interest to venture capitalists?

Ashok Kumar Choudhary, Managing Director, **IFCI Venture Capital Fund**

13.00 Interactive Discussion Session with Speakers

13.10 Networking Lunch Break & Exhibition Visit

14.30 - 15.20

Panel Discussion: New Investment Models for CDM

- ▶ Increasing the participation of banks in CDM project financing
- ▶ What investors are looking for?
- ▶ How can developers of small scale projects attract finance?
- ▶ What are the finance options at different stages of project development?

Panellists:

Somak Ghosh, President Corporate Finance and Development Banking, **YES Bank**

Vinay Deodhar, Clean Energy and CDM Specialist, **CMI – Asian Development Bank**

Rajha Gopalan*, President & Chief Executive Officer, **Renco Technologies**

Shri Yashpal Gupta*, Deputy General Manager, Carbon Credit Business, **IDBI**

15.20 - 15.45

Verification and Certification

A leading verification and monitoring company assesses the challenges of project monitoring – what should developers look out for in the verification process?

Experiences from a Verifier's Perspective

- ▶ Project design document development
- ▶ How to ensure projects are implemented as planned
- ▶ What risks can be expected during validation?
- ▶ Key elements of validation, verification & certification - opportunities and pitfalls

Sandeep Kanda, Regional Manager Asia, **TUEV SUED**

15.45 Networking Refreshment Break & Exhibition Visit

16.20 - 17.35

Trading CDM Credits

International carbon traders and experts will share their expertise on supply, demand and pricing of CER's and discuss what companies can do to maximise the value of their CER's.

Indian CDM Projects – A Buyers Perspective

- ▶ What are buyers looking for when buying offsets?
- ▶ How can companies maximise the value of their CERs?
- ▶ What are the key drivers for setting the price of CERs?
- ▶ Do prices meet buyers' expectations?

Speaker to be announced

Trading & Pricing of CER's in India

- ▶ Assessing the drawbacks of bilateral CER trading
- ▶ How can sellers get a fair value for their CER's

Narender Rathore, Vice President Product Group, **NCDEX**

17.25 Interactive Discussion Session with Speakers

17.35 Close of Day One & Networking Drinks Reception

*awaiting final confirmation

08.30 Registration, Welcome Coffee & Exhibition Visit

09.00 Chair's Opening Remarks

Timothy Patrick Fox, Entrepreneur in Residence, **IFMR Trust**

09.10 - 10.15

Generating Profits from Carbon Reduction Strategies

This session will explore how companies can use the CDM to benefit financially from reducing their carbon footprints.

Each speaker will give a 15minute overview of the CDM projects they have implemented, followed by an interactive discussion.

- ▶ Examining the key success factors in CDM project development
- ▶ Where are the revenue opportunities?
- ▶ What types of projects have the greatest revenue potential for industry?

Suresh Iyer, Assistant General Manager, **JSW Steel**

Senior Representative, Corporate EHS, **ITC**

Kishor Mukherjee, Vice President, CDM Cell, **RIL Projects**

09.55 Interactive Discussion Session with Speakers

10.15 Networking Refreshment Break & Exhibition Visit

10.55 - 11.40

Greener Production

This session will address how energy intensive manufacturing companies can reduce their dependency on fossil fuels by implementing energy efficient technologies, whilst generating revenues from carbon credits.

Waste Heat Recovery Based Captive Power Project

- ▶ Generating carbon credits from waste recovery in industry
- ▶ What is the potential emission reduction in waste heat recovery?
- ▶ Project overview

Speaker to be announced

HR Coke Making with Power as a Co-Product: A Case Study in Green Production

- ▶ Non Recovery coke making – a brief background
- ▶ Process of heat recovery and explanation of power generation process flow chart
- ▶ Benefits of the technology

Prosenjit Sarkar, Chief Production, **Hooghly Met Coke & Power**

11.30 Interactive Discussion Session with Speakers

11.40 - 12.30

Power Generation from Methane Recovery

This session will look at examples of how energy intensive, polluting industries are using technology to capture methane, reduce GHG emissions and generate clean electricity.

Methane Avoidance and Fuel Conservation Project

- ▶ Case Study: Production and collection of methane-rich biogas for fuel from wastewater at a pulp and paper mill
- ▶ How have GHG emissions been reduced?
- ▶ Challenges faced in conserving natural resources in production

Dr S Chinnaraj, Deputy Manager R&D, **Tamilnadu Newsprint and Papers**

Methane Recovery and Power Generation at a Distillery

- ▶ Case Study: Using methane from effluent treatment in a sugar distillery to generate electricity
- ▶ Assessing the reduction in GHG emissions released
- ▶ Future initiatives from GMR Industries

Naresh Kumar, Chief Operating Officer, **GMR Industries**

12.20 Interactive Discussion Session with Speakers

12.30 Networking Lunch Break & Exhibition Visit

13.45 - 15.15

Renewable Energy Projects

This session will look at examples of how companies are implementing renewable energy technologies for CDM projects.

Moderator:

Shri Debashish Majumdar, Managing Director, **IREDA**

16 MW Low-Density Biomass Residue Cogeneration Plant: Gold Standard

- ▶ What defines a gold standard CDM project?
- ▶ What are the benefits to the project host?
- ▶ Case Study: Shri Chamundi low density biomass residue cogeneration plant

Kolluru Krishan, Chairman, **Malavalli Power Plant**

Wind Power CDM Projects

- ▶ Assessing the potential for wind power in India
- ▶ Case Study: Wind power generation at Reliance Power
- ▶ How have Reliance Power benefited from the CDM?

Hetalkumar Shah, Senior Manager, **Reliance Power**

Grid Connected Wind Power

- ▶ Captive utilization of electricity through state electricity utility
- ▶ Benefits to the regional electricity grid and RSMML

Gopal Gandhi, Deputy General Manager Projects, **Rajasthan State Mines & Minerals**

15.05 Interactive Discussion Session with Speakers

15.15 Networking Refreshment Break & Exhibition Visit

15.45 - 16.45

Voluntary Carbon Market

This session will provide an overview of the global voluntary carbon markets and address the opportunities for Indian VCM projects.

What are the Benefits of Voluntary Carbon Market Projects?

- ▶ An overview of the voluntary carbon markets
- ▶ Why have they developed?
- ▶ How can voluntary projects be implemented?
- ▶ What are the benefits of VCM projects?

Speaker to be announced

Panel Discussion: What is the Latest Status of the Voluntary Carbon Markets?

- ▶ What are the latest developments in VCM standards?
- ▶ How are voluntary emissions priced?
- ▶ How is the voluntary market developing in India?
- ▶ How will it function in relation to the compliance market?

Panellists:

Vinod Kala, Founder, **Emergent Ventures**

Additional panellists to be announced

16.45 - 17.30

Future Directions

The closing session will look at the role CDM will play in emissions reduction post 2012.

Post 2012: Opportunities and Risks

- ▶ How is the market likely to develop post 2012?
- ▶ What are the risks and opportunities for CDM project developer's post 2012

Nils Medenbach, Regional Manager India, **First Climate Group**

17.20 Interactive Discussion Session with Speaker

17.30 Close of Conference

