

Asia Knowledge presents

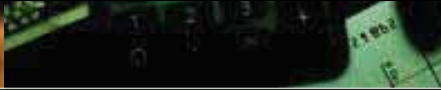


# Carbon

# 2008

CARBON 2008

## Carbon Trading & CDM in Asia



CARBON 2008



CARBON 2008

Venue - JW Marriot, Mumbai

Dates - 15th February 2008

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Dear Reader,

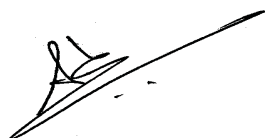
In a year that the need for future action to reduce the risks of climate change has figured prominently on the international agenda, a variety of approaches are being implemented to reduce carbon emissions. These range from efforts by individuals and firms to reduce their climate footprints to initiatives at city, state, regional and global levels. Among these are the commitments of governments to reduce emissions through the 1992 UN Framework Convention on Climate Change and its 1997 Kyoto Protocol, and Europe's carbon constraint for electricity generators and industry under the European Union Emissions Trading Scheme (EU ETS). The carbon markets are a prominent part of the response to climate change and have an opportunity to demonstrate that they can be a credible and central tool for future climate mitigation.

The carbon market grew in value to an estimated US\$30 billion in 2006 (€23 billion), three times greater than the previous year (see Table 1). The market was dominated by the sale and re-sale of European Union Allowances (EUAs) at a value of nearly \$25 billion under the EU ETS (€19 billion). Project-based activities primarily through the Clean Development Mechanism (CDM) and Joint Implementation (JI) grew sharply to a value of about US\$5 billion in 2006 (€3.8 billion). The voluntary market for reductions by corporations and individuals also grew strongly to an estimated US\$100 million in 2006 (€80 million). Both, the Chicago Climate Exchange (CCX) and the New South Wales Market (NSW) saw record volumes and values traded in 2006.

In the last ten years since the Kyoto was signed climate change has moved from a topic rarely debated and poorly understood to one covered every week on TV and on the front pages of all daily nationals. It is now hotly debated by policy makers and a strategic concern for the boards of the biggest companies in the world.

On completion of this extensive Training Workshop, delegates will be able to successfully understand from Mr. Kasper Walet Managing Partner - MayCroft Consulting, on the growing opportunities for carbon trading in India.

Yours Truly  
Prasanna Arumugam



Head of operations  
Asia Knowledge Associates

**Partner Exchange**

**MCX**

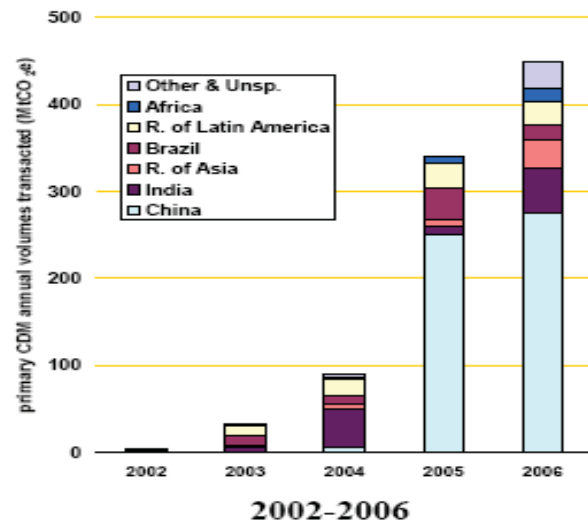
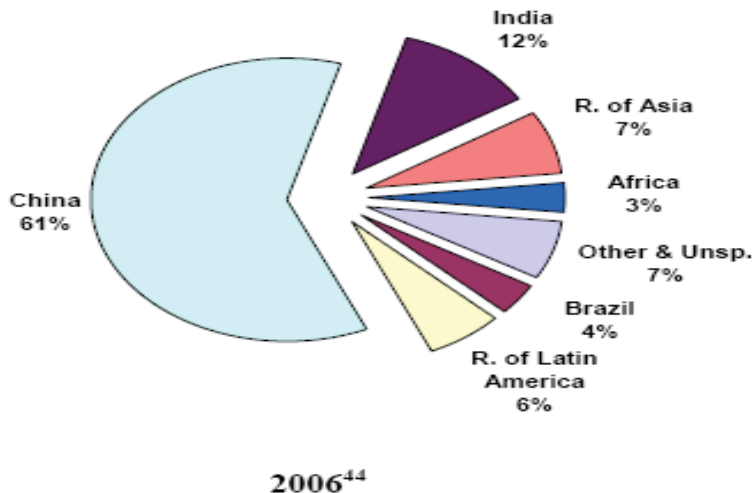
India's No.1 Commodity Exchange

A Financial Technologies Group Company

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## STATISTICS

Figure 4: Location of CDM Projects



(As a share of volumes supplied.)

Figure 5: Location of JI projects (as a share of volumes supplied 2003-2006)

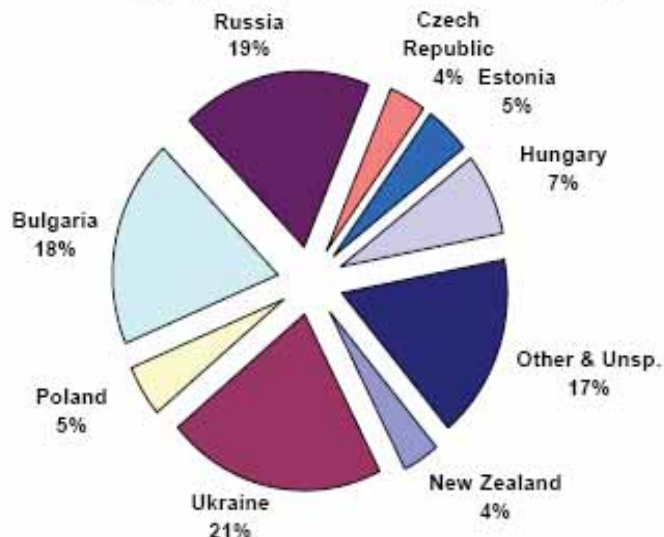
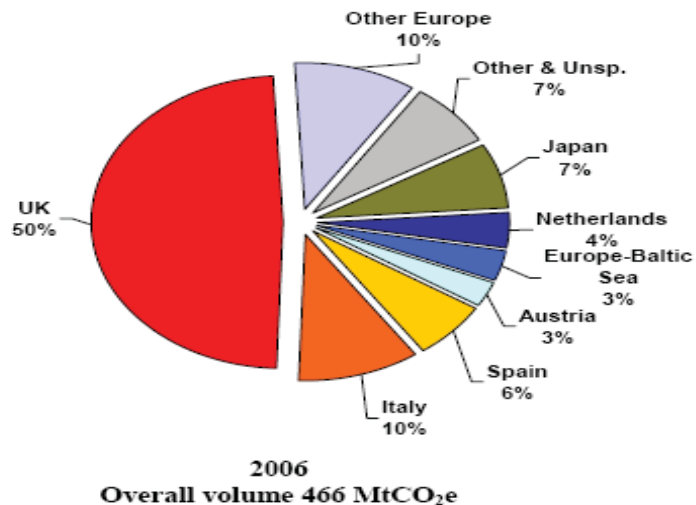
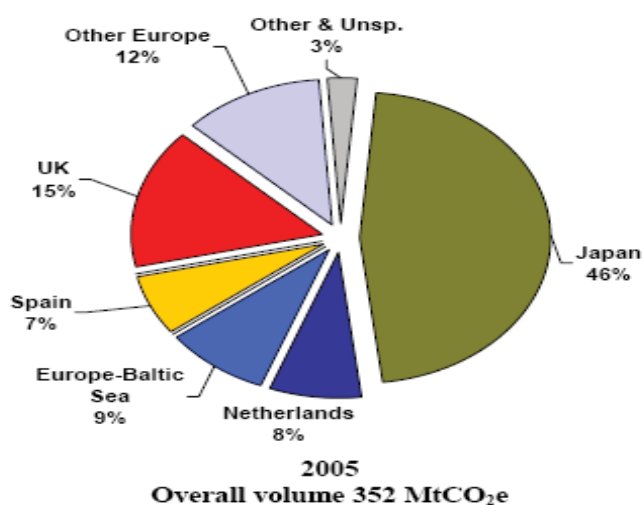


Figure 3: Primary CDM&JI Buyers (as shares of volumes purchased, vintages up to 2012)<sup>40</sup>



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## Main benefits Carbon trading will Bring are

- The reduction in overall cost of meeting emission reduction targets
- The progressively improved definition of a "price" for carbon, particularly as the market becomes more liquid and active, and assuming that all carbon certificate products are fungible, meaning that they are equivalent ways of addressing emission reduction;
- To provide a mechanism for participants to pro-actively manage their greenhouse risks. Companies can take a position in this market at a price and quantity agreed to prior to the Protocol's first commitment period (from 2008-12). This may prove to be prudent risk management if the Protocol comes into force. In addition, future company investment decisions may require them to address potential greenhouse implications. Trading in this market may offer part of the solution.
- Realising a new source of greenhouse gas abatement that will help reduce the price of a carbon permit. This will reduce the cost to countries in meeting Kyoto commitments and therefore reduce economic costs and impacts on a country's competitive advantage;
- Market incentive to invest in forestry to realise the value/ potential of carbon sinks in India and other countries. Early trading of carbon sequestration credits will provide up-front cash flow that could significantly alter the economics of forestry investment. In addition, landowners, such as farmers, would be provided with a new opportunity to derive income from their land.
- To provide early price discovery that will inform company investment decision making. Prices generated from early trading will be transparent and distributed globally. Prices would be international, reflecting bids and offers from around the globe.

## Famous Carbon Quotes

The world's forests need to be seen for what they are.. giant global utilities, providing essential services to humanity on a vast scale. Rainforests store carbon, which is lost to the atmosphere when they burn, increasing global warming. The life they support cleans the atmosphere of pollutants and feeds it with moisture. They help regulate our climate and sustain the lives of some of the poorest people on this Earth.

**Prince Charles - Environment - Climate Change - World - Carbon - Ecology - Global Warming - Life**

We're starting with our own carbon footprint. Not nothing. But much of what we're doing is already, or soon will be, little more than the standard way of doing business. We can do something that's unique, different from just any other company. We can set an example, and we can reach our audiences. Our audience's carbon footprint is 10,000 times bigger than ours. That's the carbon footprint we want to conquer.

**Rupert Murdoch - Carbon - Responsibility - Business - Media - Influential - Encouragement - Companies**

Carbon trading engages finance directors. It takes the issue of energy efficiency right to the top of the company.

**Elliot Morley Minister of State for Climate Change and Environment UK**

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## Profile of Mr. Kasper Walet

Kasper Walet, Managing Partner of Maycroft Consulting based in Amsterdam, the Netherlands will be the trainer. While working in the commodity and energy industry for over 20 years Kasper has built a unique knowledge and experience on an academic and practical level about all the aspects related to trading and risk management of commodities. Since the start of Carbon Trading, Kasper has been involved in advising companies about the aspects in this area. He is also co-author of a book called: A guide to Emissions Trading; Risk Management and business Implications published by Risk Books in 2004. Kasper has also conducted several workshops and seminars about carbon trading.

He has thought in many countries such as Japan, Singapore, Thailand, China, United States, Canada, United Kingdom, Germany, Poland, Russia, France, the Netherlands and also India.

## WHO SHOULD ATTEND:

The workshop is intended for business heads who play an active role in new initiative policy for the organisation. Participants will gain a clear understanding of the complexities involved and the potential opportunities for Carbon trading in Asia.

The attendees could be:

Managing Directors

CEO's

CFO's

CIO's

Financial Directors

Fund Managers

Heads of :  
Capital Management, Control and Finance,  
Trade Finance, Treasury, Group Risk Management

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## Workshop Agenda

### 1st Track 9:00am

#### *Introduction*

- Kyoto Protocol
- Market Structure
- Allowances and project-based transactions
- Segments of carbon market
- Players in the market
- Role banks

### 2nd Track

#### *Clean Development Mechanism*

- CDM Executive Board and Panels
- CDM participation requirements
- Project identification and validation
- Credit Creation
- Status CDM in Asia

### 3rd Track

#### *Allowances Markets*

- EU ETS
  - Market Volatility
  - Market Differentiation and Shift from Phase I to Phase II Market
  - Revised Allocations for Phase II
  - Limits on JI/CDM in Phase II
  - Lessons to be learned from the EU ETS
  - EU ETS as functional Market and environmental tool
- Other Domestic Trading Schemes
  - Chicago Climate Exchange
  - UK ETS
  - New South Wales Abatement Scheme (Australia)
  - Canadian Emissions Trading Scheme
  - California Climate Action Registry

### 4th Track

#### *Project based markets*

- Buyers
  - Market Share
  - Outlook
- Sellers
  - Asia Dominates the Market
  - Joint Implementation moves East

### 5th Track

#### *Carbon Asset Classes and technologies*

- Industrial Gases
- Methane
- Share of Clean Energy Jumps
- LULUCF and Agro-forestry Credits
- JI Enters Market
- Future Developments

### 6th Track

#### *Current and Future Developments*

- Impact China on Pricing CER I
- Guaranteed CERs and Issued CERs
- The Rise of the Secondary Market
- Post 2012 Market

## Discussion and Closing remarks

Day closing (5:30pm)

# Carbon 2008

## Delegate Registration Form

### Delegate Information

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Direct Phone / Extn: \_\_\_\_\_

Email: \_\_\_\_\_

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Direct Phone / Extn: \_\_\_\_\_

Email: \_\_\_\_\_

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Direct Phone / Extn: \_\_\_\_\_

Email: \_\_\_\_\_

For more delegates, please send delegate information on another page

Company: \_\_\_\_\_

Address: \_\_\_\_\_

### Authorized by / Billing Information:

Signatory must be authorized to sign on behalf of contracting organization

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Your Signature & Company Seal

This booking is invalid without a signature.

Date: \_\_\_\_\_

Delegate fees is to reach us  
within 7 days of contract date

Completed contracts can be faxed or e-mailed

Fax: +91-22-26319376

Email: reg@asiaknow.com

Please make cheques / DDs payable in favour of:  
"Asia Knowledge Associates"  
and send to:

Suite 20, Mayfair, Raviraj-Oberoi Complex,

Off New Link Road, Andheri West,

Mumbai 400053 INDIA

Phone: 91 (22) 32951668

Avail 10% discount before 16th January 2008

### Delegate Fees

- 1 Delegate: 9,900/- INR
- 2 Delegates: 8,900/- INR X 2
- 3 Delegates: 7,900/-INR X 3
- 5 Delegates: 7,500/-INR X 5

### Terms & Conditions:

1. Confirmation: Telephone bookings are provisional until written confirmation is received, either by fax with credit card details or by post with a cheque. Alternatively an invoice can be sent out in which payment must be made within 5 working days of booking.  
2. Payment: All payments must be received within 5 working days of booking. Failure to pay within this time may result in the course paice being cancelled subject to the cancellation terms below. 3. Cancellations: Cancellations must be received in writing and are subject to the following charges: cancellations received more than 2 weeks prior to the date of the course will be charged at 50% of the booking cost. Cancellations received within 2 weeks of the course date will be charged at 100% of the booking cost.  
4. Substitutions: Delegates substitutions are welcome at any time and do not incur any charge. Please fax or mail your changes to us. 5. Transfers: Transfers to alternative events or dates may also be subject to charges. Transfers received before 2 weeks prior to the course date will not be charged. Transfers received within 2 weeks of the course date will be subject to 50% of the initial booking cost. A credit note will be issued for the remaining 50%. 6. Alterations to the advertising course: We put the greatest care and effort to ensure solidly of the program schedule. AsiaKnowledge will not be responsible for covering airfare, hotel or any other cost incurred by the registrants. In the event that AsiaKnowledge cancels the course, AsiaKnowledge reserves the right to transfer this booking to another course to be held in the folloeing 12 months or to provide a credit note of an equivalent amount to another course within the following 12 months. 7. Liability: By completing this registration form the client hereby agrees that AsiaKnowledge will not be able to mitigate its losses for any less than 50% of the total booking cost. 8. Once signed and returned by e-mail, mail, or fax, this form is regarded thereafter as a firm contract.