



Carbon/CDM Masterclass for Finance Professionals

An inside view into the worlds of carbon trading and project finance

NEW

Date : 19 August 2010

Time : 9.00 am to 5.00 pm

Venue : Quality Hotel Singapore
201 Balestier Road
Singapore 329926

The mitigation of global climate change by reduction of annual greenhouse gas (GHG) emissions has become a reality, steadily picking up speed in all geographical areas worldwide. Fuelled by the belief that market initiatives are the most effective way to find innovative solutions to combat climate change, carbon markets that are trading emission allowances and emission reductions, have been created inter alia by the EU ETS, the Kyoto Protocol, and its Clean Development Mechanism (CDM). The global markets trading these new commodities have been roughly doubling in value since 2004, are currently worth over USD 136 billion per year (2009), and are expected to be the biggest global commodity market by 2020.

This full day, hands-on course organized by experienced carbon developers, will therefore swiftly take you through the necessary basics of carbon trading and investment, discussing the current market mechanisms and the expected changes for the near future, and focus on risk mitigation and financing of carbon credit (CDM/VER) projects.

Objectives

At the end of the workshop, participants will:

- Have a clear understanding of carbon markets and CDM requirements
- Have had an introduction to the outcomes of Copenhagen negotiations and the expected future of the carbon markets
- Understand existing and future opportunities of Avoided Deforestation (REDD), Programmatic CDM and Sectoral GHG reduction approaches
- Have an in-depth understanding of carbon finance and its relation to project finance
- Understand the opportunities, the risks and the many pitfalls of investments in CDM projects through clear examples
- Have gained first hand insight into real-life CDM project development and investment, through analysis of several case studies

Target Audience

The course is aimed at investors and financiers of projects with potential carbon value, either in the current carbon markets (energy efficiency measures, renewable energy or greenhouse gas abatement) or in the near future with expanded carbon markets (including sectors such as aviation and shipping, transport and logistics, deforestation and agriculture). It is also well suited for professionals that require a deeper understanding of the carbon market for their day-to-day evaluation of investments:

- Banks
- Business Development Managers
- Cleantech entrepreneurs / investors
- Government Authorities
- Manufacturing
- Oil & Gas
- Petrochemical and chemical industry
- Private Equity investors
- Renewable Energy investors/ developers (wind, hydro, geothermal, biomass, biogas, solar etc)
- Transport & Logistics
- Utilities (power, natural gas, water waste water, waste, etc.)
- Venture capitalists

Programme Outline

CDM fundamentals: The Kyoto protocol and Clean Development Mechanism

- Introduction Kyoto and flexible market mechanisms
- CDM, JI and emission trading
- CDM eligibility requirements
- CDM project cycle
- Additionality and baseline

Outlook on future CDM

- Copenhagen negotiations
- National Appropriate Mitigation Actions (NAMA)
- Programmatic CDM (pCDM)
- Sectoral crediting & trading (benchmark approach)
- Avoided deforestation (REDD)

Investment in CDM

- Carbon Finance vs Project Finance
- Additionality vs project returns

- CDM project & investor profiles
- Financing structures
- ERPA structures, CER pricing and pre-payments
- Carbon transaction structures
- Debt & equity considerations

Evaluating risks & risk mitigation strategies

- CDM evaluation risks
- Counter party considerations
- Project implementation risks
- Examples of common pitfalls
- Effective risk mitigation strategies
- Project development sequence

Case studies: CER trading strategies & CDM Investment opportunities

- Introduction of real life case studies
- Case-by-case evaluation of risks and opportunities

Organised by:



Supported by:



About SEAS

Since 2001 the predecessor of SEAS, Industry Committee for Energy Efficiency (ICEE) a part of Singapore Association for Environmental, Occupational Health and Safety Companies (SAFEco) has been conducting seminars, workshops and conferences in the area of energy efficiency and management. ICEE/SAFEco was the first organization to launch the Specialist Diploma in Energy Efficiency in conjunction with Singapore Polytechnic.

Today, SEAS is specializing in running trainings, courses and conferences only in the area of sustainable energy i.e. energy efficiency and management, renewable energy, carbon trading as well as funding and financing of clean energy projects. SEAS aims to be the one stop, information and training provider, in the area of sustainable energy. Our trainers and lectures are not only highly qualified academic professionals but also industry specialists and professionals that are successful and sought after practitioners in the area of Sustainable Energy. Majority of Key Qualified Personnels and Accredited Energy Services Companies are members of SEAS. They have, as a group successfully executed a multitude of energy projects with varying complexities which demands both locally and regionally.

About the Trainers

Joost van Acht is an international carbon consultant with over 8 years working experience in Asia. He has been involved in the development of 100+ Carbon Projects covering a wide range of sectors and countries including China, Vietnam, Indonesia, Thailand, Philippines, Singapore and India. Besides his CDM activities he has also advised e.g. the ADB and the Dutch and Danish governments, carried out strategic advisory for private sector technology companies and worked on carbon footprint assignments throughout Asia. Joost is based in Singapore and MD for all CVDT Consulting activities in SE Asia.

Menno van Rossum is a Consultant at CVDT Consulting and has for the past two years been engaged in carbon advisory as well as development of CDM projects throughout SE Asia, including Vietnam, Indonesia, Thailand, Philippines, Malaysia and Singapore. His expertise includes biogas, biomass and wind power from both the technical and project finance perspective. Prior to his current role, Menno worked as a Caterpillar equipment distributor consultant and as sales director of a Dutch flexible staffing services company. He holds a BSc and MSc in Engineering.

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Registration Form

- Yes! I would like to register for this programme.
 I am unable to attend but please put me on your mailing list.

	Early Bird (Registration with payment made on/before 19 July 10)	Normal Fee (Closing date: 29 July 10)	Group Fee (Closing date: 29 July 10)	No. of Delegates	Fees Payable
<input type="checkbox"/> SEAS Member	S\$450	S\$540	-		
<input type="checkbox"/> Non Member	S\$540	S\$660	S\$450		
			Total		

- * Fees include refreshments, lunch and programme collateral.
- * **Enjoy group discount for 4** or more delegates registered at the same time from the same organization and same billing source.
- * Only one type of discount scheme is applicable at any one time.
- * Please print and complete additional sheets where necessary.
- * **Important:** Walk-in delegates will only be admitted on the basis of space availability and with full payment made on site.

Participant's Details

- 1 Name (*Dr/Mr/Mrs/Ms): Designation:
 HP No: Email: PEB
- 2 Name (*Dr/Mr/Mrs/Ms): Designation:
 HP No: Email: PEB
- 3 Name (*Dr/Mr/Mrs/Ms): Designation:
 HP No: Email: PEB

*Please delete accordingly

Organization's Details

Company Name:

Company Address:
 Postal:

Contact Person's Name : (*Dr/Mr/Mrs/Ms)

Tel: Fax:

Email:

Administrative Information

Registration and Payment

Please complete the enclosed registration form and forward it together with your cheque at least 7 days before the commencement of the programme to

**Sustainable Energy
Association of Singapore**
 2 Bukit Merah Central
 #18-02, Spring Building Singapore
 Singapore 159835

Crossed cheque should be made payable to
 "Sustainable Energy
 Association of Singapore"
 Applications will close on **29 July 2010**.

Cancellation

SEAS reserves the right to change programme venue, cancel or reschedule the programme if necessary or warranted by circumstances beyond our control.

There will be no refund of fees for withdrawal. However, if the registration participant is unable to attend, a representative may be allowed to attend at no extra cost. Please inform us of the changes by fax or via email 3 days before the commencement of the programme.

Confirmation of Registration

Confirmation of registration will be given 5 working days before the commencement date via email. Registration is confirmed only upon receipt of payment.

If you do not hear from us
Please contact Ms Joann Ng at: 63388578
Email: training@seas.org.sg
Fax your registration form to 62764257