



# CARBON EXPO

Global Carbon Market  
Fair & Conference

Cologne, May 11–13, 2005

CONFERENCE PROGRAM

More than 150 Speakers in 12 Workshops, 6 Plenary Sessions and 30 Exhibitor Side events

*Keynote Speakers:*

**Joke Waller Hunter**  
Executive Secretary  
United Nations  
Framework Convention  
on Climate Change

**Margaret Beckett**  
Secretary of State  
for the Environment  
United Kingdom

**Warren Evans**  
Director for  
Environment  
The World Bank

**Jürgen Trittin** (invited)  
Federal Minister for the  
Environment, Nature  
Conservation and  
Nuclear Safety  
Germany

**Stratos Dimas** (invited)  
Commissioner for the  
Environment  
EU Commission

**Stéphane Dion** (invited)  
Minister of the  
Environment  
Canada

Collaborating Associations/Institutions holding workshops at CARBON EXPO:



For more information please visit: [www.carbonexpo.com](http://www.carbonexpo.com)  
or contact Robert Dornau, Conference Director: [dornau@carbonexpo.com](mailto:dornau@carbonexpo.com)

A partnership between:



# Workshop and Conference Program

## Overview of Workshop Program

Time	Wednesday, May 11, 2005			Thursday, May 12, 2005			Friday, May 13, 2005			
	<i>Pre-Conference Workshops</i>			<i>Sectoral Session</i>			<i>Market Activity</i>	<i>Sectoral Session</i>	<i>Services</i>	<i>Trader Day</i>
09:00	Creating a Market Mechanism to Combat Climate Change	Introduction to CDM/JI and Baseline and Monitoring Methodologies	The EU ETS and other Trading Schemes	Energy Efficiency in Industrial Processes: Mining and Metals; Chemicals; Cement	Renewable Energy and Biomass	9:00–10:15 Corporate Strategies for Compliance and Risk Mitigation	Waste Management	Creating Confidence in EU ETS, CDM and JI	9:00–11:00 Market Analysis	
09:30										
10:00										
10:30										
11:00							10:30–12:30 Financial Institutions in the Carbon Market		11:15–13:00 Technical and Regulatory Issues	
11:30	Break			Buffet Lunch in Trade Fair Area						
12:00	Opening Ministerial Plenary			Buffet Lunch in Trade Fair Area			Buffet Lunch in Trade Fair Area			
12:30										
13:00										
13:30	Lunch			Plenary – Early Joint Implementation and Greening of Assigned Amount Units			Plenary – Carbon Funds			
14:00										
14:30	Plenary – State of the Market									
15:00				Visit the Trade Fair and Knowledge Mart or Side Events organized by Exhibitors						
15:30										
16:00				Fuel Switching and Efficiency in the Energy Sector	Oil & Gas – from Gas Flaring to Downstream Utilisation	Current Experiences and Recommendations for the EU ETS	Closing Plenary – Outlook for the EU ETS and the Carbon Market			
16:30	Visit the Trade Fair and Knowledge Mart or Side Events organized by Exhibitors									
17:00										
17:30										
18:00										
18:30	Plenary – Meeting with the CDM Executive Board			Different Social Events, Network with Your Sector						
19:00										
19:30										
20:00										
20:30	Social Event: Meet the Carbon Market									

### NEW! Trading Corner at CARBON EXPO:

Buy forward CERs in a real auction or enter negotiations by signing letters of intent. Commitment by 25 Developing Countries to bring 2 Project Design Documents each to CARBON EXPO. Documents will be pre-scanned for quality by IETA Expert Panel.

» SGS participated with 10 employees at CARBON EXPO. We will count CARBON EXPO as Continuing Professional Development. It is an excellent chance to meet and network with people – particularly project developers. The catering was excellent and made the conference better value. «

*Gareth Phillips, Senior Project Manager, CC Programme, SGS*

» CARBON EXPO was the place to meet other involved people and get compact information on the most relevant topics. «

*Christian Schumacher, Betriebsleiter, Energie/Anlagenwirtschaft, ThyssenKrupp Stahl AG, Germany*

» The event was well organized and attended. Management should be congratulated on its professionalism. CCX looks forward to next year. «

*Michael J. Walsh, Senior Vice President, Chicago Climate Exchange, Inc., USA*

**Wednesday, May 11, 2005**

Time	Room 1	Room 2	Room 3																												
09:00 – 11:30	<p><b>Creating a Market Mechanism to Combat Climate Change</b></p> <p>This hands-on training session, intended solely for journalists and communicators, aims to enable participants to get a deeper insight into this rapidly expanding theme of carbon finance and to make this issue more accessible to the public through your ability to establish what is relevant for different audiences.</p> <p>Topics to be discussed are:            (1) how sustainable is the global carbon market            (2) what will happen post 2012            (3) expectations from the G8.</p> <p>The session is organized by COM+, an Alliance of Communicators for Sustainable Development, with the Support of the European Union (tbc).</p> <p>Presentations will be made by the UK Government in its capacity as chair of the G8, a representative from a developing country government, key private sector participants and the World Bank. The closing will consist of a question and answer session.</p>	<p><b>Introduction to CDM/IJ and Baseline and Monitoring Methodologies</b></p> <p><b>Chair: Gareth Phillips, Global Product Manager, SGS Climate Change Programme</b></p> <ul style="list-style-type: none"> <li>– Brief overview of the project cycle <i>Gareth Phillips, SGS</i></li> <li>– Compare and contrast CDM and JI <i>Lennard de Klerk, GlobalCarbon</i></li> <li>– Role of the methodologies panel <i>Jane Ellis, OECD</i></li> <li>– The “Project Is Not The Business As Usual Scenario” Tool, aka the Additionality Tool <i>Johannes Heister, World Bank</i></li> <li>– Role of the DOE and lessons learnt to date <i>Einar Telnes, DNV</i></li> <li>– Role of the CDM Project Developer; contractual issues <i>Marco Monroy, MGM International</i></li> <li>– Role of the JI Project Developer; financial issues, <i>James Atkins, Vertis Finance</i></li> <li>– Monitoring <i>Thomas Mueller, GreenStreamNetwork</i></li> <li>– Role of governments – an Annex 1 DNA <i>Reggie Hernaus, Ministry of Housing, Environment and Spatial Planning, Netherlands</i></li> </ul> <p>This event provides an introduction to the CDM and JI project activities. It is aimed at participants new to, or on the margins of this field. It is an opportunity to hear experienced practitioners from most parts of the project cycle describe their role in the project cycle, to ask them questions and to participate in a short exercise to determine the additionality of a project. Following the presentations there will be a 45 min. workshop to calculate expected emissions reductions from a renewable energy project. At the same time, each of the speakers will be available to talk individually and informally to participants.</p>	<p><b>The EU ETS and other Trading Schemes</b></p> <p><b>Chair: Andrei Marcu, CEO, IETA</b></p> <ul style="list-style-type: none"> <li>– The EU Emissions Trading Scheme <i>Peter Vis, Deputy Head of Climate Change Unit, European Commission</i></li> <li>– Relations between Norway and the EU ETS <i>Peer Stiansen, Ministry of Environment, Norway</i></li> <li>– The Chicago Climate Exchange <i>Rafael Marques*, Economist, Chicago Climate Exchange</i></li> <li>– New South Wales Greenhouse Gas Abatement Scheme <i>Robert Fowler, Senior Analyst, Greenhouse Gas Team, NSW Independent Pricing and Regulatory Tribunal</i></li> <li>– Update on Climate Action by US States <i>Kenneth Colburn*, Northeast States for Coordinated Air Use Management (NESCAUM)</i></li> <li>– Oregon’s Carbon Offset Program <i>Mike Burnett, Executive Director, The Climate Trust</i></li> </ul> <p>This session will be of interest to beginners and experts. An introduction to the EU Emissions Trading Schemes and update on the first months of operation will be followed by a presentation on how to link the Norwegian market to the EU ETS.</p> <p>Other existing industry trading schemes will be presented: In the USA the CCX is a voluntary private sector driven market for Greenhouse Gases. In New South Wales, Australia industry is already for some time using emissions trading to meet reduction commitments. Other US initiatives and actions will be reported as well.</p>																												
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12:00 – 13:30	<p><b>Opening Ministerial Plenary</b></p> <p><b>Chairpersons: Ken Newcombe, World Bank and Andrei Marcu, IETA</b></p> <table border="0"> <tr> <td>– Joke Waller Hunter</td> <td>Executive Secretary, UNFCCC</td> <td>– Jürgen Trittin*</td> <td>Minister for the Environment, Germany</td> </tr> <tr> <td>– Margaret Beckett</td> <td>Secretary of State for the Environment, United Kingdom</td> <td>– Stratos Dimas*</td> <td>EU Environment Commissioner</td> </tr> <tr> <td>– Warren Evans</td> <td>Director, Environment Department, World Bank</td> <td>– Stephane Dion*</td> <td>Minister of the Environment, Canada</td> </tr> </table>			– Joke Waller Hunter	Executive Secretary, UNFCCC	– Jürgen Trittin*	Minister for the Environment, Germany	– Margaret Beckett	Secretary of State for the Environment, United Kingdom	– Stratos Dimas*	EU Environment Commissioner	– Warren Evans	Director, Environment Department, World Bank	– Stephane Dion*	Minister of the Environment, Canada																
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14:30 – 16:30	<p><b>Plenary – State of the Market</b></p> <p><b>Chairpersons: Ken Newcombe, World Bank and Andrei Marcu, IETA</b></p> <table border="0"> <tr> <td>– World Bank Market Report</td> <td>Franck Lecocq, World Bank</td> <td></td> <td></td> </tr> <tr> <td>– IETA Market Report</td> <td>Andrei Marcu, IETA</td> <td></td> <td></td> </tr> </table> <p>Roundtable:</p> <table border="0"> <tr> <td>– Oleg Pluznikov,</td> <td>Head of Ecological division, Ministry of Economic development and Trade of Russian Federation</td> <td></td> <td></td> </tr> <tr> <td>– Henry Derwent*,</td> <td>Director, UK Department for Environment, Food &amp; Rural Affairs</td> <td></td> <td></td> </tr> <tr> <td>– Stefan Judisch,</td> <td>Managing Director, RWE trading</td> <td></td> <td></td> </tr> <tr> <td>– Max Katagiri,</td> <td>President, Natsource Japan</td> <td></td> <td></td> </tr> <tr> <td>– Dr. Prodipto Ghosh*</td> <td>Secretary, Ministry of Environment and Forests, India</td> <td></td> <td></td> </tr> </table> <p>The ‘State and Trends of the Carbon Market’ reports review and analyze recent developments in the carbon market, both on project-based transactions (notably JI and CDM) and allowance markets, and provides some insights on the emerging trends in the market. The results will be discussed by government and industry experts in a roundtable.</p>			– World Bank Market Report	Franck Lecocq, World Bank			– IETA Market Report	Andrei Marcu, IETA			– Oleg Pluznikov,	Head of Ecological division, Ministry of Economic development and Trade of Russian Federation			– Henry Derwent*,	Director, UK Department for Environment, Food & Rural Affairs			– Stefan Judisch,	Managing Director, RWE trading			– Max Katagiri,	President, Natsource Japan			– Dr. Prodipto Ghosh*	Secretary, Ministry of Environment and Forests, India		
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18:30 – 20:30	<p><b>Plenary – Meeting with the CDM Executive Board</b></p> <p><b>Chair: Andrei Marcu, IETA</b></p> <p>Plenary discussion with Members of the CDM Executive Board.</p>																														

# Workshop and Conference Program

Thursday, May 12, 2005 – Morning

Time	Room 1	Room 2	Room 3
09:00 – 12:00	<p><b>Energy Efficiency in Industrial Processes: mining and metals, chemicals; cement</b></p> <p><b>Chair: Peter Pempleton, Climate Change &amp; POPs Project Manager, Multilateral Environmental Agreements Branch UNIDO</b></p> <ul style="list-style-type: none"> <li>– Market potential <i>Martin Kruska, Head Climate Change Services, EUTECH Energie &amp; Management GmbH</i></li> <li>– Issues of eligibility <i>Lasse Ringius, Senior Environmental Specialist, World Bank</i></li> <li>– Approved methodologies <i>Urs Brodmann, Senior Consultant, Factor Consulting</i></li> </ul> <p>Case Studies</p> <ul style="list-style-type: none"> <li>– Effect of CER revenue on investment returns for coal mine methane utilisation projects <i>Christiaan Vrolijk, Senior Specialist in the Climate Change Strategy, IT Power</i></li> <li>– What does it take to get facility managers to change an energy efficiency project into a CDM energy efficiency project? Experience from Nigeria. <i>Dr. Felix B.O. Dayo, Managing Director/CEO, Triple 'E' Systems Associates Ltd.</i></li> <li>– Waste heat to energy in a cement plant <i>Alex Westlake, Westlake Associates</i></li> <li>– Market Aspects – structuring a transactions on waste heat recovery <i>Neil Cohn, Senior Director, Natsource</i></li> </ul> <p>Industrial energy efficiency is a key element in the combat against global climate change and it was thought that the project-based mechanisms of the Kyoto Protocol would encourage more activities in this sector. However, a review of the UNFCCC CDM Web site shows only a handful of methodologies have been approved so far, although more are in the 'pipeline' and a few cogeneration projects are under validation against one of those methodologies. There are none currently at the registration stage.</p> <p>This session will take a broad look at issues surrounding the global market potential of industrial energy efficiency, including: project eligibility; approved methodologies for baseline and monitoring including lessons learnt from methodologies that have been rejected or are still in the pipeline.</p> <p>Real case studies of successful projects will illustrate opportunities and challenges in securing project finance, obtaining the commitment of facility managers, CDM/JI contracting as well as regulatory and host country issues.</p>	<p><b>Renewable Energy and Biomass</b></p> <p><b>Chair: Charles M. Feinstein, Sector Leader Finance, Private Sector and Infrastructure, World Bank</b></p> <ul style="list-style-type: none"> <li>– Market potential <i>Rick Sellers, Head, Renewable Energy Unit, IEA</i></li> <li>– Approved methodologies and issues of eligibility <i>Adriaan Korthuis, Director, Climate Focus</i></li> <li>– Developing country government perspective <i>Marcella Main, Dirección Ejecutiva, CONAMA Chile</i></li> </ul> <p>Case Studies</p> <ul style="list-style-type: none"> <li>– Joint Implementation for windfarms <i>Hannu Lamp, Managing Director, Global Green Energy</i></li> <li>– CDM hydropower in Ecuador <i>Pablo Teran Ribadeneira, Executive President, Hidroabatico S.A.</i></li> <li>– Financial aspects of JI biomass-energy investments in Russia <i>Joachim Schnurr, Head of Department ENVEST, GfA Terrasystems</i></li> <li>– Biodiesel/Bio-gas renewable energy from oil seeds <i>Lucas S. Rosario, CEO, Rojac Consult</i></li> </ul> <p>Renewable energy sources such as wind, small hydro and modern biomass conversion stand as the principal very low- or no-carbon "backstop" technologies in the global greenhouse emissions abatement strategy. This technology class has also constituted the largest share of carbon offset projects under the Kyoto flexibility framework to date.</p> <p>The session, featuring a mix of experts from international bodies, governments and the private sector, will first review the market potential of renewables and modern biomass from the technical and economic perspectives. This will set the stage for expositions on project eligibility requirements and supporting methodologies, and government positions on these questions. A tour of project examples drawn from five countries will illustrate how the potential is being realized, and the issues in practice.</p>	<p><b>Market Activity</b></p> <p>09:00 – 10:15</p> <p><b>Corporate Strategies for Compliance and Risk Mitigation</b></p> <p><b>Chair: Dirk Forrister, Managing Director, Natsource</b></p> <ul style="list-style-type: none"> <li>– Endesa, David Corregidor, Deputy Director Generacion</li> <li>– E.on UK, Phil Gillam, Trading Development</li> <li>– Anglo America, Ian Emsley, Manager SHE Policy Unit</li> <li>– Emerging best practices in corporate carbon strategies <i>Abyd Karmali, Vice President, ICF Consulting</i></li> </ul> <p>This session presents practical insights from market leaders about their experiences in developing (ghg) compliance plans and risk mitigation strategies. With the launch of the EU ETS and the Kyoto Protocol's entry into force, companies must prepare to enter emissions markets with a keen eye to meeting legal obligations at lowest costs, within an overall risk management plan. This panel from a diverse set of perspectives will discuss their experiences in determining the range of risks posed; evaluating internal abatement options; and measuring and managing risks to respond to the changing market over time.</p> <p>10:30 – 12:30</p> <p><b>Financial Institutions in the Carbon Market</b></p> <p><b>Chair: Graham Cooper, Publisher, Environmental Finance</b></p> <ul style="list-style-type: none"> <li>– Insurance solutions for greenhouse gas markets-carbon delivery guarantee <i>Dirk Kohler, Executive Director, Global Sustainable Development Project</i></li> <li>– Carbon linked notes (And other structured transactions in the carbon market) <i>Bruce Usher, CEO, EcoSecurities Group Limited</i></li> </ul> <p>Round Table</p> <ul style="list-style-type: none"> <li>– Finance services in a carbon constrained world <i>Seb Walhain, Director Environmental Products, FortisBank</i> <i>Louis Redshaw, Head of Environmental Markets, Barclays Capital</i> <i>Peter Koster, CEO, European Climate Exchange</i></li> <li>– Role of multilateral development institutions <i>Christina Golino, Development Bank South Africa</i> <i>Ken Newcombe, Senior Manager Carbon Finance Business, World Bank</i></li> </ul> <p>The participation of banks, insurance companies and other financial institutions is essential if the carbon market is to deliver the environmental benefits which are its aim. This session will examine the range of financial products that are being developed for this new market in the areas of: risk management; trading; asset management; project finance; and structured products.</p>
12:00			
12:30	Buffet Lunch, Knowledge Mart, Speakers' Corner, Exhibitor Side Events and Trade fair		

**Thursday, May 12, 2005 – Afternoon**

<b>Time</b>			
13:30 – 15:00	<b>Plenary – Early Joint Implementation and Greening of Assigned Amount Units</b> <b>Chair: Justin Mundy, Senior Advisor, Deutsche Bank Global Markets</b> <ul style="list-style-type: none"> <li>– Government Perspective JI Country      Fatme Iliaz, Deputy Minister, Ministry of Environment and Water, Bulgaria</li> <li>– Government Position Investor Country   Daniel van der Weerd, Manager, Carboncredits</li> <li>– Multilateral Financial Institution        Helmut Schreiber, Lead Environ. Economist, Europe &amp; Central Asia Infrastructure &amp; Energy Dep., World Bank</li> <li>– Broker View                                     Andy Ertel, President, Evolution Markets</li> <li>– Project Developer View                     Nicolas Halberg, Director Policy and Business, Nuon Romania</li> </ul> <p>Kyoto instruments could become a useful tool in raising project finance. Arguably only a very few actually make unbankable projects bankable. Income raised from AAU sales, uniquely, could provide a powerful tool to strengthen the enabling environment, so increasing the number of bankable projects. This session will explore the difficulties and opportunities in blending public and private finance and the impact on carbon value.</p>		
15:00 – 16:00	Knowledge Mart, Speakers' Corner, Exhibitor Side Events and Trade fair		
	<b>Room 1</b>	<b>Room 2</b>	<b>Room 3</b>
16:00 – 18:00	<b>Fuel Switching and Efficiency in the Energy Sector</b>  <b>Chair: John Scowcroft, Head of Unit, Environment &amp; Sustainable development, Eurelectric</b> <ul style="list-style-type: none"> <li>– Market potential <i>Kevin James, Managing Partner, Quality Tonnes</i></li> <li>– Linking CDM and utility planning in developing countries <i>Dr. Norbert Enzensberger, Coordinator Climate Change Strategies, Lahmeyer International</i></li> <li>– Issues of eligibility and approved methodologies <i>Klaus Oppermann, KfW</i></li> <li>– Investor view on energy efficiency projects <i>Rob Boeree, Director Energy and Climate Change, SenterNovem</i></li> </ul> <p>Case Studies</p> <ul style="list-style-type: none"> <li>– Sofia district heating rehabilitation project <i>Valentin Martinov Christov, Head of Sector "International Markets", SDHC</i></li> <li>– Financial aspects of CDM and JI projects <i>Gerhard Mulder, Vice President Sustainable Development, ABN Amro</i></li> <li>– Transmission/distribution efficiency project, Nigeria <i>Prasad Tallapragada, Senior Energy Specialist, The World Bank</i></li> </ul> <p>Electrification is a key element for sustainable development in developing countries. Improved industrial energy efficiency is, also, a key element in the combat against global climate change in developed countries. This session will take a broad look at issues surrounding the global market potential of industrial energy efficiency, including: project eligibility; approved methodologies for baseline and monitoring including lessons learnt from methodologies that have been rejected or are yet to be approved.</p> <p>In countries with limited access to foreign private capital, carbon finance will complement underlying finance to bring best practices to solve practical problems. Case studies of successful projects will illustrate opportunities and challenges in securing project finance, obtaining the commitment of facility managers, CDM/JI contracting as well as regulatory issues.</p>	<b>Oil &amp; Gas – from Gas Flaring to Downstream Utilisation</b>  <b>Welcome: Calliope Webber, Adviser, Global Gas Flaring Reduction Partnership, The World Bank; Frede Cappelen, Statoil and IPIECA</b> <ul style="list-style-type: none"> <li>– Potential emission reductions in the oil and gas industry – an overview <i>Vicente Schmall, Petrobras and ARPEL</i></li> </ul> <p>Countries perspectives</p> <ul style="list-style-type: none"> <li>– A Nigerian oil &amp; gas case study (gas to power) <i>Dr. Collins Gardner, Executive Chairman/CEO, Presidential Implementation Committee on CDM, Nigeria</i></li> <li>– An Algerian case study (gas to pipeline) <i>Rabah Allouani, Director, Sonatrach, Algeria</i></li> <li>– Angolan downstream issues and opportunities <i>Alcides Santos, Ministry of Petroleum, Angola</i></li> </ul> <p>Project perspectives</p> <ul style="list-style-type: none"> <li>– Energy efficiency <i>Martina Bosi, IEA/OECD</i></li> <li>– Fuel switching <i>John Shinn or Jonathan Grant, ChevronTexaco</i></li> <li>– CO2 storage <i>Mauricio Frederici, Engineer E&amp;P, Repsol YPF</i></li> <li>– CERs and ERUs as facilitator of investment in emission reduction projects: Possibilities and limitations <i>Torleif Haugland, ECON</i></li> </ul> <p>Q&amp;A session with the presenters on a panel and wrap up</p> <p>This session explores the various ways carbon finance can facilitate flaring and other emission reduction projects and contribute to sustainable development. The session showcases different approaches and projects where carbon finance is helping to realize the monetization/comercialization of associated gas that would otherwise be flared or vented together with other project categories; and highlights critical issues in the development of such projects.</p>	<b>Current Experiences and Recommendations for the EU ETS</b>  <b>Chair: Jan Hollander, Senior Climate Change Policy Advisor, Essent</b> <ul style="list-style-type: none"> <li>– Presentations and roundtable discussion: <i>Stefan Ulreich*, E.ON Sales &amp; Trading GmbH</i> <i>Lieven Bloeyart*, Environmental Trader, Electrabel</i> <i>Martha Pla Carrasco*, Endesa Trading</i></li> <li>– EFET recommendations for the EU ETS review <i>Alexander Savelkoul, Essent</i></li> </ul> <p>Three emission traders will present their view on the current EU ETS based on their first experiences of this year. The key issues for improving trading emission rights and new identified potential problems will be presented. Finally this session will present the future recommendations from a traders perspective to modify the EU ETS. The objective is to enlarge the opportunities for emissions trading and hereby improving the liquidity of the emissions market.</p>
18:00			
18:30			
19:00 open end	<b>Different Social Events, Network with Your Sector</b> <b>IETA–EFET–ISDA: Traders Party</b>		

# Workshop and Conference Program

## Friday, May 13, 2005 – Morning

Time	Room 1	Room 2	Room 3
09:00 – 12:00	<p><b>Waste Management</b></p> <p><b>Chair: Sandra Cointreau, Carbon Finance Specialist, World Bank</b></p> <ul style="list-style-type: none"> <li>– Developing country perspective on carbon opportunities for the solid waste sector <i>Sandra Cointreau, Carbon Finance Specialist, World Bank</i></li> <li>– Opportunities for Landfill Methane Use and the Methane to Markets Partnership <i>Brian Guzzone, Team Leader, US EPA Landfill Methane Outreach Program</i></li> <li>– Eligibility and approved methodologies <i>Sandra Greiner, Carbon Finance Specialist, World Bank</i></li> </ul> <p>Case Studies:</p> <ul style="list-style-type: none"> <li>– Landfill gas project in Ethiopia <i>Walter Gray, Addis Power Development</i></li> <li>– Making sense of biogas projects under the CDM <i>Paul Zakkour, ERM</i></li> <li>– Carbon finance in wastewater treatment: The case of Rio Frio (Colombia) <i>Walter Vergara, Lead Engineer-Latin America Environment Department, World Bank</i></li> <li>– Gasification and plasma process recovering energy from Waste <i>Per Morten Lefdal, Project Development Manager, Enviroarc</i></li> </ul> <p>Methane abating projects in the waste and wastewater sector are among the projects receiving the highest boost from access to carbon finance. Due to the high global warming potential of methane, carbon finance can significantly enhance the viability of projects such as landfill gas recovery and utilization, biodigestion and other waste-to-energy projects. The session will explore the overall potential of the market segment as well as examine case studies covering different technological options for the reduction of methane emissions.</p>	<p><b>Creating Confidence in EU-ETS, CDM and JI</b></p> <p><b>Chair: Gudmundur Sigurthorsson, Senior Vice President, DNV</b></p> <p>09:00 – 10:40</p> <p><b>Implementing Monitoring, Reporting and Verification for the EU ETS</b></p> <ul style="list-style-type: none"> <li>– IETA Initiatives for consistency and efficiency <i>Anne-Marie Warris, Global Product Manager, LRQA</i></li> <li>– Member state experiences and perspectives on implementing monitoring and reporting <i>The Netherlands</i> <i>Chris Dekkers, Project Management – Nederlandse Emissieautoriteit, VROMs Germany</i> <i>Franzjosef Schafhausen, Ministerialrat, BMU</i></li> <li>– Industry experiences and perspectives on applying monitoring and reporting <i>BP: Michael McMahon, Senior Advisor CC</i> <i>Elsam: Jørgen Nielsen, Environmental Manager</i></li> <li>– Monitoring systems and methodologies <i>Nils Steinbrecher, Head of Unit Energy and Climate Change Services, ERM</i></li> </ul> <p>The EU ETS implementation has followed slightly different tracks and timelines in the Member States. This has also been the case for the implementation of the Monitoring and Reporting Guidelines, which are a key confidence-building instrument for successful Emissions Trading. We are now at a point in time when sharing of experiences gained by Member States, Industry and other stakeholders can add value to the success of the implementation process as well as providing ideas for improvements in Phase 2 of the EU ETS.</p> <p>10:50 – 12:00</p> <p><b>CDM and JI Validation. Past, Current and Future Challenges for the Designated Operational Entities (DOEs) and Project Developers.</b></p> <ul style="list-style-type: none"> <li>– The fundamental framework for the DOE's <i>Gareth Phillips, Global Product Manager, SGS</i></li> <li>– The road from Applicant Entity to DOE <i>Marcio Viegas, Global Product Manager, BVQI</i></li> <li>– Challenges overcome in the past <i>Michael Rumberg, Head of Division CDM/JI, TÜVSÜD</i></li> <li>– Challenges ahead <i>Einar Telnes, Director, International Climate Change Services, DNV</i></li> </ul> <p>Filling in the CDM framework with the necessary processes and institutions has been a challenging and sometimes painful one for all actors and stakeholders. The Validation process and the DOE's are no exception – striving to build and maintain the confidence, integrity and efficiency into the process. With the first projects now passing the goal line of Registration this is a good time to look back and to look forward – share experiences gained and contribute to the building of a robust platform of efficiently integrated Institutions and Processes for the future.</p>	<p><b>Trader Day</b></p> <p>09:00 – 11:00</p> <p><b>Market Analysis</b></p> <p><b>Chair: Steve Drummond, CEO, CO2e</b></p> <ul style="list-style-type: none"> <li>– What determines the price of EU Allowances <i>Atle Christiansen, Director, PointCarbon</i></li> <li>– EU carbon market and key drivers <i>Christoph Grobbel, European Electric Power &amp; Natural Gas Practice Expert, McKinsey</i></li> <li>– Weather forecasting and influence on carbon prices <i>Stuart Jones, Business Development Manager Emission Trading, Centrica</i></li> <li>– Modelling the forward curve for EUAs and new instruments <i>Markus Huewener, Managing Director, 3 C Climate Change Consulting</i></li> <li>– Trading EUAs for the second EU ETS period <i>Garth Edward, Trading Manager, Environmental Products, Shell Trading</i></li> <li>– CDM trading issues – primary and secondary markets <i>Steve Drummond, CEO, CO2e</i></li> </ul> <p>This session aims to look forward at the key issues underlying long-term positions in the EU ETS, and the approaches available to trading them. It looks at the key drivers of price movements in the EU ETS, how to model them, approaches to long-term trading of EUAs, and risk parameters in the CER markets.</p> <p>11:15 – 13:00:</p> <p><b>Technical and Regulatory Issues</b></p> <p><b>Chair: Anthony Hobley, Senior Associate, Baker &amp; McKenzie</b></p> <ul style="list-style-type: none"> <li>– Financial regulation across the EU <i>James Pinton, Vice President, Morgan Stanley UK Ltd</i></li> <li>– Differences in national registries and registry regulation across the EU <i>Philip Metcalfe, Carbon Registry Services</i></li> <li>– What are the regulatory anomalies across the EU? <i>Rupert Edwards, Director of the Financial Products and Trading, Climate Change Capital</i></li> <li>– Comparison of different emissions trading contracts <i>Anthony Hobley, Senior Associate, Baker &amp; McKenzie</i></li> </ul> <p>A number of legal and practical barriers such as contract basis risk, VAT treatment, securities regulation, use of registries, and key regulatory differences in each country's National Allocation Plan potentially stand in the way of the development of a fluid and stable carbon emissions market. This seminar, drawing upon the experience of some of the service industry's more eminent practitioners, addresses just a few of these issues, with a particular focus on cross border transactions and provide some insights into how these can be managed and even exploited.</p>
12:00	Buffet Lunch – Trade fair + Knowledge Mart		

**Friday, May 13, 2005 – Afternoon**

Time	
13:30 – 15:30	<p><b>Plenary – Carbon Market Funds</b>  <b>Chair: Andrei Marcu, CEO, IETA</b></p> <ul style="list-style-type: none"> <li>– European Carbon Fund</li> <li>– Japan Greenhouse Gas Reduction Fund</li> <li>– Austrian CDM/JI Program</li> <li>– Carbon Facility</li> <li>– Baltic JI Testing Ground Facility (TGF)</li> <li>– Finnish CDM/JI Program</li> <li>– IUCN Climate Change Fund</li> <li>– Danish Carbon Fund</li> <li>– World Bank Family of Funds</li> </ul> <p>Laurent Segalen, Vice President, CDC IXIS Environnement &amp; Infrastructures          Yusuke Ito, Deputy Director, Japan Bank for International Cooperation          Wolfgang Diernhofer, Kommunalkredit Public Consulting          Pedro Moura Costa, EcoSecurities          Haro Pitkanen, Managing Director Nefco, Fund manage TGF, NEFCO          Kari Hämekoski, Programme Manager, Finnish Environment Institute (SYKE)          Brett Orlando, Climate Change Advisor, World Conservation Union (IUCN)          Ulla Blatt Bendson, Chief Program Coordinator, Climate Change and Environmental Assistance, Danish EPA          Ken Newcombe, Senior Manager Carbon Finance Business, World Bank</p> <p>The funds present in this session represent in total more than 1,000 Mio. Euro to be invested in Emission Reductions. The fund managers will outline the fund's investment strategy and application procedures.</p>
15:30	Trade fair, Knowledge Mart and Exhibitor Side Events
16:00 – 17:00	<p><b>Closing Plenary – Outlook for the EU ETS and the Carbon Market</b>  <b>Chair: Andrei Marcu, CEO, IETA</b></p> <ul style="list-style-type: none"> <li>– Olivia Hartridge</li> <li>– Maurits Henkemans</li> <li>– Toshi Sakamoto</li> <li>– Ken Newcombe</li> <li>– Tba</li> <li>– Tba</li> </ul> <p>EU Commission, DG Environment          Ministry of Economic Affairs, The Netherlands          Chair, CTI Director, Global Environmental Affairs Office, Ministry of Economy, Trade and Industry          Senior Manager Carbon Finance Business, World Bank          Industry Representative          Developing Country Representative</p> <p>This closing panel will discuss possible areas of review of the EU ETS, the way ahead for the CDM post 2012 as well as a general outlook for the development of a global carbon market.</p>

Speaker marked with \* are invited but not yet confirmed. CARBON EXPO takes every effort to replace speakers that do not confirm or drop out by equally qualified presenters.



# Workshop and Conference Program

## NEW! Trading Corner at CARBON EXPO:

Buy forward CERs in a real auction or enter negotiations by signing letters of intent. Commitment by 25 Developing Countries to bring 2 Project Design Documents each to CARBON EXPO. Documents will be pre-scanned for quality by IETA Expert Panel.

» CARBON EXPO was an excellent possibility to meet carbon buyers in one place and have negotiations with them. «

*Mikhail Rogankov, CEO, Energy Carbon Facility, RAO UES, Russian Federation*

» CARBON EXPO is a highly cost effective platform for making new business contacts. You can meet the key players under one roof, saving time and travel costs. «

*Joachim Schnurr, Head of GFA Invest, GFA Terrasystems, Germany*

## 30 one-hour Exhibitor Side-Events will accompany the official Conference Program:

3C Climate Change Consulting – Belgium Federal Climate Change Section – CD4CDM Asia – CDM/JI Office Canada – Clean Air Action Corporation – CO2e – EcoSecurities – European Climate Exchange – The Gold Standard – Environmental Resource Management – European Carbon Fund – European Heat Pump Association – Evaluate – GFA-Terrasystems – Global Gas Flaring Reduction – GreenStream Network – ICLEI – JBIC/JCF – KfW Bankengruppe – McKinsey/EU Commission – New Values – Permanent Court of Arbitration – SGS – TÜV SÜD – WBCSD – World Bank

## 140 Speakers in 12 Workshops and 6 Plenary Sessions from the following Companies and Institutions:

ABN Amro – ACEA – Addis Power Development – Anglo American – Baker & McKenzie – Barclays Capital – BP – BVQI – Carbon Registry Services – Carboncredits – CDC IXIS Environnement & Infrastructures – Centrica – Chevron Texaco – Chicago Climate Exchange – Climate Change Capital – Climatefocus – CO2e – DEPA – Deutsche Bank – Development Bank South Africa – DNV – Dresdner Bank – E.on UK – Econ – EcoSecurities – Elsam – Electrabel – Endesa – EnviroArc – Environmental Finance – US EPA – ERM – EU DG Environment – Eurelectric – European Commission – European Heat Pump Association – EUtech Energie & Management GmbH – EvolutionMarkets – Essent – Factor Consulting – Finnish Environment Institute (SYKE) – Fortisbank – GfA Terrasystems – Global Green Energy – Global Sustainable Development Project – GlobalCarbon – GreenStream Network – Hidroabanco S.A. – IEA- IETA – Ipieca – Arpel – IT Power – IUCN – Japan Bank for International Cooperation – JP Morgan – KfW – Kommunalkredit Public Consulting GmbH – Lahmeyer International – LRQA McKinsey – MGM International – Minister for Environment, Germany – Ministry of Economic Affairs, The Netherlands – Ministry of Economy, Trade and Industry, Japan – Ministry of Environment and Water, Bulgaria – Ministry of Environment, Norway – Morgan Stanley UK Ltd – NEFCO – Northeast States for Coordinated Air Use Management (NESCAUM) – NSW Independent Pricing and Regulatory Tribunal – Nuon Romania – OECD – PointCarbon – Quality Tonnes – Repsol – Rojac Consult – RWE trading – SenterNovem – SGS – Shell Trading – Sofia District Heating Company (SDHC) – Swiss Petroleum Association – Triple 'E' Systems Associates Ltd. – TÜV SÜD – UK DEFRA – UNFCCC – UNIDO – Vertis Finance – VROM Netherlands – Westlake Associates – World Bank.

### Workshops and Sectoral Sessions

Pre-conference workshops will provide you with a solid background if you are new to this market.

Workshops and Sectoral Sessions in the main conference will offer substantive in-depth training using actual documents and deals in the Carbon Market presented by specialists who do this work day-to-day and have pioneered best practice.

Financial experts and industry traders will discuss cutting edge issues in the carbon trading market.

### Knowledge Mart

Leading practitioners from the private and public sectors, including: specialists in carbon asset creation and management; carbon fund design and management; carbon contracting and deal structuring, and on the regulatory framework for carbon trading in each regime will be available for free one-on-one sessions of 15–20 minutes to answer your questions.

**Knowledge Mart will be daily from 9:00 – 18:00.**

### Speakers' Corner

The Speakers' Corner will feature presentations of companies as well as successful projects in the Clean Development Mechanism (CDM) and Joint Implementation (JI). A detailed program with events in the Speakers' Corner will be distributed at the venue.

### Exhibitors' Side Events

One hour workshops or presentations organized by exhibitors for their clients or CARBON EXPO participants in general.

### Trade Fair

Exhibitions by more than 95 Companies and institutions, Government and Industry from Developing Countries; CDM/JI Agencies of Developed Countries; Technology Providers; Verifiers/Certifiers and Validators; Financial Intermediaries; Bilateral Aid Agencies; Investment Promotion Agencies; Carbon Market Consultants and Advisors; Law firms; UNFCCC.

**Trade Fair open daily from 8:30 – 18:00**

» The Knowledge Mart was very useful. It gave me an opportunity to have some detailed and uninterrupted discussions with industry experts. «

*Leo Perkowski, Director, CDM/JI Program Management, AgCert, USA*

» We were able to meet a lot of people who want our biofuel technology. We also made important contacts with traders and funding agencies. «

*Lucas S. Rosario, Chief Executive, Rojac Consultants, India*

» A consistent trade fair is what this new market needs. «

*Jorge Barrigh, Sustainable Development Executive, Andean Development Corporation (CAF)*

## Participant fee

- 980 EUR\* Regular ticket for 3 days including lunches and beverages
- 690 EUR\* Discounted ticket for members of certain Associations (e.g. ACORE, EHPA, Eurelectric, Europeia, IETA, IPIECA, ITEBE, LCCS, WBCSD)
- 490 EUR\* for participants from companies that are publicly traded in developing countries but not on OECD stock exchanges
- 190 EUR\* for participants from companies or organisations from developing countries that are not publicly traded
- 75 EUR\* for students

\*All prices plus German VAT = 16 %



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**For questions contact:**

Romanita Filipescu  
 Direct Marketing Manager  
 Phone: +49 221 821-2667  
 Fax: +49 221 821-3551  
[r.filipescu@koelnmesse.de](mailto:r.filipescu@koelnmesse.de)



# Workshop and Conference Program

## CARBON EXPO 2005 more than 100 Exhibitors as of February

### 64 Companies and Institutions:

3C Climate Change Consulting GmbH, *Germany*  
500 ppm, *Germany*  
Atkins Plc, *UK*  
Baker & McKenzie, *UK*  
Belgian Federal Climate Change Section, *Belgium*  
Brasmetano Indústria E Comércio Ltda., *Brasil*  
Bureau Veritas SA (BVQI), *UK*  
CAMCO International, *UK*  
Canada's Clean Development Mechanism and Joint Implementation, *Canada*  
CD4CDM – Asia, *Philippines*  
Clean Air Action Corporation, *USA*  
CO2e.com, *UK*  
Danish Environmental Protection Agency  
Daiwa Securities SMBC Principal, *Japan*  
Det Norske Veritas B.V. (DNV Germany GmbH), *Germany*  
Development Bank of Japan  
Dresdner Bank AG, *Germany*  
E.Value, Estudos e Projectos de Ambiente e Economia, Lda., *Portugal*  
Ecofys GmbH, *Germany*  
EcoSecurities LTD, *UK*  
EHPA – European Heat Pump Association, *Austria*  
Energieagentur NRW, *Germany*  
Energy Brainpool Portfolio, *Germany*  
Environmental Resources Management Ltd. (ERM), *UK*  
ESolutions GmbH, *Germany*  
ESP (Environmental Software Provider), *USA*  
European Climate Exchange BV, *Netherlands*  
European Energy Exchange AG, *Germany*  
Evolution Markets, *USA*  
Evolution Menert s.r.o., *Slovakia*  
Factor Consulting + Management AG, *Switzerland*  
Future Camp, *Germany*  
G.A.S. Energietechnologie GmbH, *Germany*  
GFA Terra Systems GmbH, *Germany*  
GreenStream Networks Ltd., *Finland*  
IETA, *Switzerland*  
IXIS Corporate & Investment Bank, *France*  
Japan Bank For International Cooperation, JBIC, *Japan*  
Japan Carbon Finance Ltd., JCF, *Japan*  
J-Power, *Japan*  
KfW-Bankengruppe, *Germany*  
Kommunalkredit Austria AG, *Austria*  
kpmg, *UK*  
Lloyd's Register Quality Assurance LTD (LRQA), *UK*  
MGM International, *Argentina*  
New Values BV, *Netherlands*  
Nordex AG, *Germany*  
Nordic Environment Finance Corporation (NEFCO), *Norway*  
Permanent Court of Arbitration, *Netherlands*  
PointCarbon, *Norway*  
Responding to Climate Change, *UK*

SAP Germany AG & Co. KG, *Germany*  
SGS United Kingdom LTD, *UK*  
Tabbin Institute for Metallurgical Studies (TIMS), *Egypt*  
The Gold Standard, *Switzerland*  
TÜV Rheinland, *Germany*  
TÜV SÜD, *Germany*  
UK Climate Change Projects Office, *UK*  
UNFCCC (United Nations Framework Convention on Climate Change), *Germany*  
World Bank, *USA*  
World Bank/Global Gas Flaring Reduction Partnership, *USA*  
World Business Council for Sustainable Development (WBCSD), *Switzerland*  
WWF-Russland, *Russia*  
ZAO "Digaz" (Joint-Stock Limited Company), *Russia*

### 25 CDM/JI Host Countries:

Bolivia  
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Cambodia  
Chile  
China  
Columbia  
Costa Rica  
Ecuador  
El Salvador  
India  
Indonesia  
Kenya  
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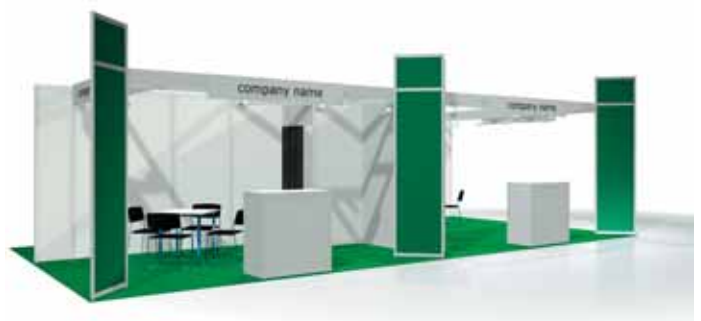
## Presentation Opportunities

### Platinum Presentation Package (limited)



25 sq. metres, 19,490 EUR + VAT

### Gold Presentation Package



15 sq. metres, 11,490 EUR + VAT

### Silver Presentation Package



9 sq. metres, 3,890 EUR + VAT

### Bronze Presentation Package



6 sq. metres, 2,990 EUR + VAT

The packages consist of fully equipped Presentation Booths, PR Services, Event marketing and a certain amount of free tickets for your partners and customers. Please note that Platinum Packages are limited. World Bank, IETA and Koelnmesse reserve the right to select the Platinum Package holders amongst respective applicants.

**More information about the PR Services/Event marketing exhibition documents can be found at [www.bsr.koelnmesse.de/download/carbonexpo/englisch](http://www.bsr.koelnmesse.de/download/carbonexpo/englisch)**

In case you prefer making your own stand construction independent from the presentation packages bronze, silver, gold and platinum, you can book a stand with a minimum size of 9 m<sup>2</sup> for a charge of EUR 3,000. This will include the communication services as described

in the silver presentation package. For each further sqm. upon 9 m<sup>2</sup> we charge 180 EUR/m<sup>2</sup>. In addition, electricity is charged at 4,50 EUR/m<sup>2</sup> and AUMA fee at 0,60 EUR/m<sup>2</sup>. All prices are net prices and do not include VAT. The rental fee for the stand area does not include the cost for any stands, booths and the like.

**Koelnmesse GmbH**

**Guido Hentschke**

Sales Manager Exhibitors

Messeplatz 1, 50679 Köln, Germany

Phone +49 221 821-3132

Fax +49 221 821-3098

[g.hentschke@koelnmesse.de](mailto:g.hentschke@koelnmesse.de)

[carbonexpo@koelnmesse.de](mailto:carbonexpo@koelnmesse.de)



www.carbonexpo.com

## Your contact:

For questions regarding conference content  
please contact:

### World Bank/IETA

**Robert Dornau**

Phone +41 796 89 22 42

Fax +41 22 839 31 81

dornau@carbonexpo.com

www.ieta.org

www.carbonfinance.org

For questions regarding organizational  
aspects please contact:

### Koelnmesse GmbH

**Stephanie Kleine Klausing**

Product Manager

Messeplatz 1, 50679 Köln, Germany

Phone +49 221 821-3097

Fax +49 221 821-3098

carbonexpo@koelnmesse.de