



CARBON EXPO



Global Carbon Market
Fair & Conference

Cologne, May 26–28, 2010

Note the most important date...
... in the Carbon Market Calendar

CARBON EXPO 2010 – Conference Program

Jointly organized by:



THE WORLD BANK

Working for a World
Free of Poverty



IETA

INTERNATIONAL EMISSIONS
TRADING ASSOCIATION



koelnmesse
we energize your business

Conference Program Overview



Conference Program Legend

	Training Sessions	Offenbach-/Europasaal, 1st Floor
	Plenary Sessions	Congress Saal, 4th Floor
	From Projects to Programs Stream	Offenbachsaal, 1st Floor
	Expanding Markets Stream	Congress Saal, 4th Floor
	Linking Climate Finance and Carbon Finance Stream	Europasaal, 1st Floor

Day 1 - Wednesday - 26 May

08:00				
08:30				
09:00	<table border="1"> <tr> <td>CARBON EXPO Press Conference - World Bank State and Trends of the Carbon market 2010 Report & IETA 2010 GHG Market Sentiment Survey</td> <td>Training 1 Carbon market developments: Insights from around the world</td> <td>Training 2 How to manage the risk and value of your CDM portfolio</td> </tr> </table>	CARBON EXPO Press Conference - World Bank State and Trends of the Carbon market 2010 Report & IETA 2010 GHG Market Sentiment Survey	Training 1 Carbon market developments: Insights from around the world	Training 2 How to manage the risk and value of your CDM portfolio
CARBON EXPO Press Conference - World Bank State and Trends of the Carbon market 2010 Report & IETA 2010 GHG Market Sentiment Survey	Training 1 Carbon market developments: Insights from around the world	Training 2 How to manage the risk and value of your CDM portfolio		
09:45	Coffee Break and Visit the Trade Fair			
10:00	Opening ceremony			
11:00				
11:00	Short Break			
11:15	State of the global carbon market			
12:45				
12:45	Business Lunch in the Trade Fair Area			
14:00	Meeting the climate finance challenge: Bridging the gap			
15:30				
15:30	Coffee Break and Visit the Trade Fair			
16:00	CARBON EXPO 2010 Round Table Debate - Confronting the Headlines: Fraud, Ethics, and the Carbon Market			
17:15				
17:15	Short Break			
17:30	The future for CDM and JI: What should be the key drivers?			
18:45				
19:00	CARBON EXPO Evening Reception - "Meet the Carbon Market"			



Day 2 - Thursday - 27 May

08:45			
09:00	Transitioning to EU ETS phase III - Political and design decisions		
10:15	Coffee Break and Visit the Trade Fair		
10:45	The future of emission reduction activities? Initial experiences from Programme of Activity (PoAs)	Exploring developing national and regional emission reduction schemes	Structuring climate finance - Increasing the share of private sector investment
11:45	Short Break		
12:00	Copenhagen: A springboard for Agriculture, Forestry and Land Use (AFOLU)?	Implementing Nationally Appropriate Mitigation Actions (NAMAs): What role for domestic market instruments?	Role of multilateral development banks in delivering climate finance
13:00	Business Lunch in the Trade Fair Area		
14:00	Carbon finance - Experiences and lessons learned over the last 10 years		
15:15	Coffee Break and Visit the Trade Fair		
15:45	A city-wide approach to carbon finance	Climate change and world trade: Appropriate adjustment measures for early movers	Climate finance in green stimulus packages
16:45	Short Break		
17:00	The road ahead for CDM and JI reform after COP15?	US offsets: Supply and demand in an uncertain policy environment	Defining and financing low-carbon development plans
18:00			

Day 3 - Friday - 28 May

08:45			
09:00	A North American outlook: A US climate policy?		
10:15	Coffee Break and Visit the Trade Fair		
10:45	What future for the voluntary carbon market: Can it lead through innovation?	Where now for Japan	Financing climate action in cities
11:45	Short Break		
12:00	Blending markets and regulation to drive renewables and efficiency in the power sector	Monitoring, Reporting and Verifying (MRVing) mitigation actions: A corner stone for the post 2012 regime?	Tapping a new breed of investors: Innovative financial instruments for climate action
13:00	Business Lunch in the Trade Fair Area		
14:00	Where next for burying carbon? Prospects and economics for global deployment	Catalyzing private sector funding and public-private partnerships for Reducing Emissions from Deforestation and Forest Degradation (REDD)+	Catalyzing Carbon and Climate Finance for Least Developed Countries
15:00	Short Break		
15:15	Business arrangements for Programme of Activity (PoA) - The key to success	Carbon market oversight: Learning from experience in global markets	Supporting climate investment: Guarantees, reserves, options and price floors
16:15	Short Break		
16:30	Closing Plenary - Operating in a fragmented world: Can climate change be addressed with bilateral and regional agreements?		
17:30			

Workshop Streams & Details

From Projects to Programs

The urge to expand the possibilities for emission reduction project development into new territory has long existed. Copenhagen delivered substantive guidance aimed at improving the efficiency of the operation of the CDM. It did not, however, provide clear signals to market participants concerning the future expansion of the market or create a detailed implementation program for CDM reform, as advocated by many. Despite these uncertainties, the market builds on both the new guidance to the CDM and other outcomes of Copenhagen and continues to move forward, through increased investments, ongoing innovation, and promises of domestic legislation in key emitting countries. This stream will tackle crucial questions in an attempt to add some clarity to what Copenhagen means regarding the offset market and what lies ahead.

Expanding Markets

UNFCCC negotiations in Copenhagen resulted in an extended period of negotiations with the aim of reaching a binding agreement in Mexico. Still the Copenhagen Accord encourages parties to pursue opportunities and recognizes the role of markets in promoting mitigation actions and enhance their cost-effectiveness. At the same time, various countries have faced their own hurdles in adopting and establishing a domestic Emission Trading System. Addressing issues such as precompliance and industry wide measures when developing domestic actions, are relevant but the way they are being answered and implemented will vary among the different parties. Their objectives however, remain to stimulate financial capacity and economic incentives. This stream will look at the approaches adopted or under consideration in developed and developing countries leading up to COP16 in Mexico, and how they contribute to an expansion of the market and the objectives of reducing emissions globally.

Linking Climate Finance and Carbon Finance

A new financial model is needed for leveraging, blending and delivering finance, from private and public sectors in both developed, and developing countries, for scaled-up climate action without sacrificing needed development. Carbon Finance as it is currently known plays a catalyzing but limited role vis-a-vis the climate finance challenge ahead. Carbon Markets are part of the solution, but innovative financing, regulation, and governance are also essential to unlock capital to finance underlying investments. Enhancing Climate Finance is at the heart of the discussions and debate among parties as we look at a post-2012 climate regime and current existing systems. This stream will look at what is required to meet the need for vastly increased funding for low carbon development across the world.



DAY 1 - WEDNESDAY - 26 MAY			
08:00			
08:30		Training 1	Training 2
09:00	<p>CARBON EXPO Press Conference - World Bank State and Trends of the Carbon Market 2010 Report & IETA 2010 GHG Market Sentiment Survey</p> <p>Moderator: Isabel Hagbrink Senior Communications Officer, Carbon Finance Unit, World Bank</p> <p>Alexandre Kossoy Senior Financial Specialist, Carbon Finance Unit, World Bank</p> <p>Philippe Ambrosi Environmental Economist, Climate Change Team, World Bank</p> <p>Henry Derwent President & Chief Executive Officer, International Emissions Trading Association (IETA)</p>	<p>Carbon market developments: Insights from around the world</p> <p>Moderator: David Lunsford Policy Leader, Emissions Trading International Emissions Trading Association (IETA)</p> <p>Takashi Hongo Director General & Special Advisor, Japan Bank for International Cooperation (JBIC)</p> <p>Jeff Huang Vice President-Asia, Chicago Climate Exchange & Assistant Chairman, Tianjin Climate Exchange</p> <p>Moe Moe Oo Managing Director, Tricorona Carbon Asset Management</p> <p>Domestically-oriented climate plans and activities received a boost prior to COP15, when several nations announced new GHG reduction targets and embarked upon passing legislation to create national GHG mitigation and low carbon growth programmes. This session will explore various carbon market developments over the past year.</p>	<p>How to manage the risk and value of your CDM portfolio</p> <p>Moderator: Brice Quesnel Fund Program Manager, CDCF, World Bank</p> <p>Yuvaraj Dinesh Babu Chief Executive Officer, Carbon Rating Agency</p> <p>Alexis Manuel Origination Manager, Orbeo</p> <p>Developing a CDM project entails well-known project financing risks (financial, technology, country, environmental risks) but also adds its own very specific set of risks: Kyoto regulatory risks (validation, registration, verification) and the increasingly penalizing uncertainty of the post-2012 regulatory regime. Fluctuations of CER prices add yet another layer of risk for carbon market participants. This session will discuss how to efficiently assess and manage these various risks.</p>
09:45			
10:00	Opening ceremony		
	<p><i>Host & Partners Addresses</i></p> <p>Jürgen Roters Mayor of the City of Cologne, Chairman of the Supervisory Board of Koelnmesse</p> <p>James Warren Evans Director, Environment Department, World Bank</p> <p>Henry Derwent President & Chief Executive Officer, International Emissions Trading Association (IETA)</p> <p><i>Keynote Addresses</i></p> <p>Dr. Norbert Röttgen Federal Minister for the Environment, Nature Conservation and Nuclear Safety, Germany</p> <p>Juan Rafael Elvira Quesada* Secretary of the Environment and Natural Resources, Mexico</p>		
11:00			

Legend: *Invited speaker, pending confirmation

Training Sessions **Offenbach-/Europasaal**
Expanding Markets Stream **Congress Saal**

Plenary Sessions **Congress Saal**

From Projects to Programs Stream **Offenbachsaal**

Linking Climate Finance and
Carbon Finance Stream **Europasaal**

TIME DAY 1 - WEDNESDAY - 26 MAY (CONT.)

11:15 Plenary: State of the global carbon market

Moderator:

Guy Turner

Director, Bloomberg New Energy Finance

Neeraj Prasad

Lead Carbon Specialist, Carbon Finance Unit, World Bank

Henry Derwent

President & Chief Executive Officer, International Emissions Trading Association (IETA)

Paul Mark Kelly

Chief Executive Officer, EcoSecurities Group

Ajay Mathur

Director General, Bureau for Energy Efficiency, India

Ludwig Kons

Head of Climate Protection and Vice President, RWE Power

Jorge Barrigh

Senior Climate Change Consultant

Last year, the carbon market demonstrated resilience to the global economic downturn, and by the end of 2009 was at the 2008 level. The lack of clarity regarding the post-2012 situation contributed to the retraction of both the supply and the demand sides of existing regimes. At the same time, new initiatives in developing and developed countries are emerging, exploring market-based approaches for climate change solutions. In that context, carbon finance remains an important tool to provide incentives to a shift to a lower carbon development path. The World Bank's "State and Trends of the Carbon Market report 2010" and the "IETA 2010 Carbon Market Sentiment Survey" analyse the evolution of the emerging schemes as well as the major successes and remaining challenges of the existing frameworks.

12:45

14:00 Plenary: Meeting the climate finance challenge: Bridging the gap

Moderator:

James Warren Evans

Director, Environment Department, World Bank

Yvo de Boer

Executive Secretary, UNFCCC

Lord Nicholas Stern*

IG Patel Chair and Director, LSE Asia Research, London School of Economics

Alvaro Umaña

Ambassador for Climate Change, Costa Rica & Senior Research Fellow, CATIE

Ogunlade Davidson*

Ministry of Energy and Power, Sierra Leone

Jeremy Oppenheim*

Global Director, Climate Change Special Initiative, McKinsey & Company

Joerg Haas

Program Director for International Climate Diplomacy, European Climate Foundation

The pace and scale at which action is required on climate change comes with a hefty price tag. The Copenhagen Accord has indicated mobilizing up to \$100 bn per year in the medium term to 2020 for developing countries alone. This is a significant jump from the \$14.5 bn per year that has been catalyzed to date primarily from the carbon market. This session will address how this financing gap can be bridged. A new financial model is needed for leveraging, blending and delivering finance from the public and private sectors in both developed and developing countries. Innovative financing, governance and regulation are essential for this to be achieved.

15:30

16:00 CARBON EXPO 2010 Round Table Debate - Confronting the Headlines: Fraud, Ethics, and the Carbon Market

Perceptions of the EU ETS and the CDM are being affected by recent reports of tax fraud and accusations of gaming the system by recycling CERs. Are these endemic ethical problems, or do they indicate lax enforcement and lack of proper foresight in this new market? Attempts at gaming and fraud can be made in any market, with the most mature markets sometimes subject to the most sophisticated attacks. Are the current problems and concerns specific to carbon markets—or a sign that the market has now matured?

17:15

17:30 Plenary: The future for CDM and JI: What should be the key drivers?

Moderator:

Marc Stuart

Board Member, International Emissions Trading Association (IETA)

Benoit Leguet

Chair, JISC

Pedro Martins Barata

Vice Chair, CDM Executive Board

Gareth Philips

Chief Climate Change Officer, SINDICATUM CARBON CAPITAL

Tosi Mpanu-Mpanu

Co-Chair of the DNA Charing Committee & Director of CDM DNA of the Democratic Republic of Congo

Giuseppe Deodati

Head of Carbon Strategy, ENEL

Tatiana Fayzullina

Regional Manager, gazprom

International discussions and negotiations are concentrating heavily on design options for different future mechanisms post 2012. Till that is concluded and potential new mechanisms become operationally available, the existing mechanisms could provide a bridge into that new world which takes into account the different conditions and developments in countries. Providing for smooth transition from one "world" to another provides the context within which investment decisions can reach full potential. These aspects could be at the origin why one sees firm commitments towards the CDM and JI to be continued. CDM & JI not only provide opportunities for cheaper reductions but also build skills, relations, knowledge, resolve data challenges that will be needed in the future whatever that future be. This session will invite participants to voice their vision on what will be the key drivers that would continue to drive the CDM and JI mechanism and assure that they will provide stimulus for the new mechanisms and the overall carbon market.

18:45

TIME DAY 2 - THURSDAY - 27 MAY

09:00 Plenary: Transitioning to EU ETS phase III - Political and design decisions

Moderator:
Bryony Worthington
 Founder & Director, Sandbag

Yvon Slingenberg
 Head of Unit, DG Climate Action, European Commission

Mark C. Lewis
 Managing Director, Global Carbon Markets, Deutsche Bank

Russel Mills
 Global Director of Energy & Climate Change Policy, Dow Chemicals

Bill Kyte
 Senior Advisor, Climate Change, E.ON & Hon President, UK Emissions Trading Group & Chief Advisor, International Climate Policy, EURELECTRIC

Karen Degouve
 Marketing Director, Alternative Investments, Natixis

Przemyslaw Sikora
 Senior Policy Analyst, National Administration of the Emissions Trading Scheme & National Centre for Emission Management, Poland

Phase III of the EU ETS running from 2013 to 2020 will introduce major changes, auctioning will become the main method of allocation, while free allocation will be based on technology benchmarks. The ETS will expand: with the aviation sector, a new precedence might be set for international transport. The use of international offsets will be reviewed with potential introduction of qualitative restrictions and limitation to CDM from least developed countries. What will be the impact of these changes on the market/price developments, on emitters' competitiveness, on emission reductions and investments in clean technology, on project development outside the EU? Is the institutional and legal set-up appropriate for the changes to come?

10:15

10:45 From Projects to Programs Stream Expanding Markets Stream Linking Climate Finance and Carbon Finance Stream

The future of emission reduction activities? Initial experiences from Programme of Activity (PoAs) Exploring developing national and regional emission reduction schemes Structuring climate finance - Increasing the share of private sector investment

Moderator:
Guido Schmidt-Traub
 Director, South Pole Carbon Asset Management

Ajay Mathur
 Director General, Bureau for Energy Efficiency, India

Ken Newcombe
 Chief Executive Officer, C-Quest Capital

Henry Aryamanya-Mugisha
 Executive Director National Environment Management Authority, Uganda

Luis Lopez Martinelli
 Business Unit Manager, Climate Change, DNV

Bernhard Zander
 Head of Unit, KfW Carbon Fund

The use of Programme of Activities was introduced under the CDM, it allows for the registration of many "identical" activities under one coordination agent as one activity. It brings along new responsibilities and techniques for those operating/implementing as well as to those validating and verifying them. Many of the skills, techniques and data needs are different to the project-by-project. Some of these skills maybe critical to have not only for the effective implementation of CDM, or CDM type mechanisms, but also for other future mechanisms relying more on programme or policy based approaches. 3 programmes of activities have been registered, 39 PoAs are in the process of being validated and a similar number are under preparation. This session will share lessons learned on how to make PoA work, what the challenges are, what the conditions of the ground have to be and on solutions to implement an environmentally sound and effective scaled up mechanism.

Moderator:
Mark Proegler
 Director, Climate and Transport Energy Policy, BP

Jonathan Schrag
 Executive Director, Regional Greenhouse Gas Initiative (RGGI)

Anthea Harris
 Assistant Secretary Carbon Market Linkages and Electricity Branch, Australian Department of Climate Change

Gray Taylor
 Chair, Climate Change & Emissions Trading Group, Bennett Jones

Justine Sefton
 Senior Adviser Climate Change Policy, Ministry for the Environment, New Zealand

There's been no shortage of efforts to establish cap and trade programs around the world: In North America, the Western Climate Initiative, Regional Greenhouse Gas Initiative and California's AB-32 are all under various stages of development. In Australia and New Zealand, federal trading schemes have come close to fruition. Besides continued political uncertainty, what other common issues do all these schemes face? What will the next 5 years look like for these programs? Will regional schemes expand or fade away? At what point will a single federal program emerge—or will it? Come to this session to find out.

Moderator:
Vikram Widge
 Program Manager, International Finance Corporation (IFC)

Pierre Ducret
 Chairman and CEO, CDC Climat

Muyi Kazim
 Stanbic, Lagos

Eliano Russo
 Head of Carbon Sourcing, E.ON Climate & Renewables

Remco Fischer
 Programme Manager - Climate Change, United Nations Environment Programme Finance Initiative (UNEPFI)

Jan-Willem van de Ven
 Head of the Multilateral Carbon Credit Fund, European Bank for Reconstruction and Development (EBRD)

One of the outcomes of Copenhagen recognized to be optimistic was the identification of sums of money necessary to cover the climate change mitigation and adaptation needs of developing countries. Yet \$100 bn a year by 2020 is not going to come exclusively, or even mainly, from the public sector; and today's carbon market is dwarfed by the size of the task. New ways of blending public and private finance are needed: but what should they be?

11:45

Legend: *Invited speaker, pending confirmation

Training Sessions **Offenbach-/Europasaal**
 Expanding Markets Stream **Congress Saal**

Plenary Sessions **Congress Saal**

From Projects to Programs Stream **Offenbachsaal**

Linking Climate Finance and Carbon Finance Stream **Europasaal**

TIME DAY 2 - THURSDAY - 27 MAY (CONT.)			
12:00	From Projects to Programs Stream	Expanding Markets Stream	Linking Climate Finance and Carbon Finance Stream
	<p>Copenhagen: A springboard for Agriculture, Forestry and Land Use (AFOLU)?</p> <p>Moderator: Ellysar Baroudy Fund Program Manager, BioCf, World Bank</p> <p>Tenagne Lemma Senior Operator, Ethiopia World Vision</p> <p>Georg Schattney Head of Market Development, Forest Carbon Group</p> <p>Marcelo Rocha University of Sao Paulo, Brazil</p> <p>Naomi Swickard AFOLU Program Coordinator, Voluntary Carbon Standard Association (VCSA)</p> <p>While the attention of most observers was elsewhere, negotiators in Copenhagen were making progress on key issues related to AFOLU. This session will address the advances on A/R and agriculture in the AWG-KP negotiation text, including the moves toward new approaches to address permanence and thereby open a pathway to the replacement of temporary credits. It will also highlight model projects on the ground and discuss the potential of scaling up, both in the compliance and the voluntary market. Finally, the potential for afforestation/ reforestation activities within REDD+ will be explored.</p>	<p>Implementing Nationally Appropriate Mitigation Actions (NAMAs): What role for domestic market instruments?</p> <p>Moderator: Juan Mata Sandoval Director for Climate Change, Semarnat, Mexico</p> <p>Serge Harry Chief Executive Officer, Bluenext</p> <p>Keith Regan Associate Director, Camco</p> <p>Syamsidar Thamrin Deputy Director for Weather & Climate, National Development Planning Agency (Bappenas), Indonesia</p> <p>Min Ha Park Manager, Energy Policy Office, Korea Energy Management Corporation (KEMCO)</p> <p>Many developing countries have associated themselves with the Copenhagen Accord by submitting proposed nationally appropriate mitigation actions. In many cases countries have already started developing implementation plans for these actions including through the use of market instruments but with an overarching domestic focus. As uncertainty remains on the future shape of international carbon market instruments, developing countries are moving forward with the creation of environmental exchanges and the initiation of renewable energy and energy efficiency certificates trading. This session will look at the emergence of new domestic trading markets. It will discuss how they may serve as building blocks for future carbon markets as well as how new international carbon market instruments may be designed to accommodate them.</p>	<p>Role of multilateral development banks in delivering climate finance</p> <p>Moderator: Josué Tanaka Corporate Director, Strategic and Corporate Planning, Energy Efficiency and Climate Change, European Bank for Reconstruction and Development (EBRD)</p> <p>Mike Wilkins Managing Director, Standard & Poor's</p> <p>Ozgur Pehlivan Deputy Director General, Directorate of Foreign Economic Relations, Undersecretariat of Treasury, Turkey</p> <p>Andrea Pinna* Lead Climate Change Officer European Investment Bank (EIB)</p> <p>Maria Netto Climate Change Specialist, Sustainable Energy and Climate Change Unit, Inter-American Development Bank (IADB)</p> <p>Abdelhaquim El Moussaoui Chef de Service, Renewable Energy Division, Office National de l'Electricite, Morocco</p> <p>As existing channels for development finance with experience in delivering large volumes of finance to targeted investments and policy development in developing countries the multilateral development banks could play an important role in delivering climate finance. While the specifics on this role are yet to be agreed, there is already significant experience on mobilizing and delivering climate finance through a variety of instruments including development policy loans, green bonds, carbon finance and the Climate Investment Funds. The CIFs have been developed as a collaborative effort among countries and MDBs. This session will outline experiences with blending and leveraging finance through these instruments highlighting the issues that are key for mobilizing finance at scale.</p>
13:00			
14:00	Plenary: Carbon finance - Experiences and lessons learned over the last 10 years		
	<p>Moderator James Cameron Executive Director & Vice Chairman, Climate Change Capital</p> <p>Joelle Chassard Manager of the Carbon Financing Unit, Environment Department, World Bank</p> <p>Jack Cogen President and Chief Executive Officer, Natsource & Chairman, IETA</p> <p>The CDM has exceeded expectations in terms of sparking the development of projects that mitigate GHG emissions and contribute to sustainable development. At the same time, critiques are made regarding on the ability of the mechanism to maintain environmental integrity and developing into a mature and predictable mechanism. The CDM was designed as a learning-by-doing mechanism. Drawing from their respective experience with CDM, as well as JI, the plenary discussion will review the achievements, progress and challenges since the beginning of carbon finance activities in the early 2000s. Based on their experiences, the high-level expert panel will share their views on what and how to consolidate from all the learning experience with a view to provide recommendations for carbon finance mechanisms going forward.</p>	<p>Ulrika Raab Senior Advisor Climate Change, Swedish Energy Agency</p> <p>William Bonsu* UNFCCC Focal Point / CDM-DNA Environmental Protection Agency, Ghana</p> <p>Fabio Marques Senior Manager, Carbon Projects, PLANTAR, Brazil</p> <p>Hongwei Yang* Director, China CDM Management Center, Energy Research Institute</p>	
15:15			

TIME DAY 2 - THURSDAY - 27 MAY (CONT.)			
15:45	From Projects to Programs Stream	Expanding Markets Stream	Linking Climate Finance and Carbon Finance Stream
	A city-wide approach to carbon finance	Climate change and world trade: Appropriate adjustment measures for early movers	Climate finance in green stimulus packages
	<p>Moderator: Christa Clapp Economist and Policy Analyst, OECD Environment Directorate</p> <p>Caroline Edant Climate change Project Manager, Veolia Transport</p> <p>Thomas Perianu Vice President, Sustainable Development, Suez Environment</p> <p>Monali Ranade Carbon Finance Unit, World Bank</p> <p>Yunus Arikan Manager, ICLEI - Local Governments for Sustainability</p> <p>Bashar Hadadeen Program Manager, Amman Green Growth Program, City of Amman, Jordan</p> <p>Carbon finance offers opportunities to access financial resources to reduce the incremental costs of implementing GHG mitigation projects in cities. Most GHG emission reduction projects provide significant ancillary local benefits, such as improved air quality, reduced commuting times, reduced pollution, financial savings, and improved customer satisfaction for the users of services. While carbon finance activities have gained momentum, cities have been unable to reap the full benefit of participating in global carbon markets. This session presents innovative approaches to the development of city emission reduction programs, intended to allow a city to work within its budgetary constraints while addressing its development priorities.</p>	<p>Moderator: David Lunsford Policy Leader, Emissions Trading, International Emissions Trading Association (IETA)</p> <p>Michael Grubb UK Government Adviser & Chairman of Climate Strategies</p> <p>Bruno Vanderborght Vice President of Climate Protection, Holcim</p> <p>Nick Campbell Chair, BUSINESSEUROPE</p> <p>Anirud Singhal Managing Director, World Trade Institute (WTI)</p> <p>Executing aggressive climate change measures has mounted concerns that the costs associated with climate action will negatively impact the domestic economy, thereby making it less competitive within a global marketplace, when stakeholders move autonomously. This session will look at the available adjustment measures which would allow for substantial climate action to be undertaken without placing early movers at a disadvantage.</p>	<p>Moderator: Laurent Segalen Managing Director, Nomura International</p> <p>Maurits Blanson Henkemans Senior Policy Maker, Ministry of Economic Affairs, The Netherlands</p> <p>Alessandro Faccoli Founder & Managing Director, Nvalue</p> <p>Zhu Liucui Director, China GEF Office, Ministry of Finance, China</p> <p>Lenny Hochschild Managing Director, Evolution Markets</p> <p>Tom Howes* Renewable Energy Policy Unit, European Commission - Directorate-General for Energy and Transport</p> <p>As the climate change agenda is moving forward and the carbon market is reaching into maturity the interactions between other stimulus packages, set up to promote a decoupling from economic growth and growing fossil fuel, have become more apparent. To date many of the Green energy policy and stimulus programmes have been set in isolation to the carbon market whilst at the same time often competing for the same financial resources. As the market and policy makers are moving increasingly to an over arching Climate Financing framework there will be an increased need to understand how climate finance will respond to the different green stimulus packages. This session will explore the linking and structures that will be required to assure that the climate finance will achieve its full potential within the different stimulus packages.</p>
16:45			

Legend: *Invited speaker, pending confirmation

Training Sessions Offenbach-/Europasaal

Expanding Markets Stream Congress Saal

Plenary Sessions Congress Saal

From Projects to Programs Stream Offenbachsaal

Linking Climate Finance and Carbon Finance Stream Europasaal

TIME DAY 2 - THURSDAY - 27 MAY (CONT.)			
17:00	From Projects to Programs Stream	Expanding Markets Stream	Linking Climate Finance and Carbon Finance Stream
	The road ahead for CDM and JI reform after COP15?	US offsets: Supply and demand in an uncertain policy environment	Defining and financing low-carbon development plans
	<p>Moderator: Kim Carnahan Policy Leader, Flexible Mechanisms, International Emissions Trading Association (IETA)</p> <p>John Kilani Director, Sustainable Development Mechanisms, UNFCCC</p> <p>Neeraj Prasad Lead Carbon Specialist, Carbon Finance Unit, World Bank</p> <p>Moritz von Unger Senior Legal Counsel, Climate Focus / JIAG</p> <p>Richard Muyungi Designated National Authority (DNA), Tanzania</p> <p>Cathrine Sachweh Regulatory Affairs, Orbeo</p> <p>The CMP 5 in Copenhagen asked a good deal of the CDM Executive Board and the JI Supervisory Committee. What reforms are already under way, and what do CDM stakeholders think of the approaches being taken so far? Where do we fail to see progress and why? This session will explore how the two bodies are measuring up against what has been asked of them and provide insight and solutions to some of the most critical reform issues.</p>	<p>Moderator: Alexia Kelly Senior Associate, Climate and Energy Program World Resources Institute (WRI)</p> <p>Marco Monroy Founder, President & Chief Executive Officer, MGM Innova</p> <p>Rick Saines Partner & Head, North American Climate Change and Environmental Markets, Baker & McKenzie</p> <p>Srikanth Venugopal Director, Environmental Risk & Trading Power Commercial & Growth, TransCanada</p> <p>Aimie Parpia Head of Global Kyoto Carbon Markets, Bloomberg New Energy Finance</p> <p>As the US Congress continues to debate cap-and-trade, offset project developers, Wall Street traders and others are rethinking their earlier enthusiasm. Money is being diverted to traditional clean energy projects as market players wait for greater clarity. Nevertheless, all signs indicate that the US can't get the job done without offsets, and furthermore the State Department is looking to the international offset market to funnel US dollars toward developing countries. But what happens in the meantime? Could the EPA use its existing authority to develop its own offsets program? Does congressional legislation such as the Stabenow bill, in conjunction with State and Regional standards, provide enough certainty to justify major offset investments? This session will look at the challenges and opportunities inherent in the US's uncertain regulatory environment.</p>	<p>Moderator: Rob Fowler Emissions Trading Specialist, Booz&Co.</p> <p>Jane Ebinger Senior Energy Specialist, World Bank</p> <p>Adrian Fernandez* President, National Institute of Ecology, Mexico</p> <p>Lee Solsbery Global Technical Director for Energy and Climate Change, ERM</p> <p>Christian Schumer Expert Engagement Manager, McKinsey & Company</p> <p>Matt Spannagle* Carbon Advisor, UNDP</p> <p>A number of governments have initiated country-specific studies to assess their development goals and priorities, in conjunction with greenhouse gas (GHG) mitigation opportunities, and examine the additional costs and benefits of lower carbon growth. This requires analysis of various development pathways - policy and investment options that contribute to growth and development objectives while moderating increases in GHG emissions. Such studies with their attention to detail at a national level can help identify relatively low-cost mitigation options and attract international concessional funding to co-finance programs in energy, transport, industry and natural resource management, which have carbon reduction implications. This session will explore approaches to low carbon development and financing.</p>
18:00			

TIME **DAY 3 - FRIDAY - 28 MAY**

09:00 **Plenary: A North American outlook: A US climate policy?**

Moderator:
David Hunter
 Director, US Policy,
 International Emissions Trading Association (IETA)

Chelsea Maxwell
 Managing Partner & Former Senior Climate Advisor
 to U.S. Sen. John Warner, The Clark Group

Kevin Book
 Managing Director of Research,
 ClearView Energy Partners

Annie Petsonk
 International Counsel,
 Environmental Defense Fund (EDF)

Allison Wood
 Partner,
 Hunton & Williams

Many observers have argued that domestic action in the US is a necessary precondition for a successful global treaty. In Copenhagen, the US committed to a 17% reduction by 2020, and a contribution towards \$100 billion/year for developing countries. But what will Congress approve, and when? Can executive branch action reduce emissions even if Congress hasn't passed a cap and trade bill? This session will investigate the current political landscape in the US, including the latest proposals to mitigate climate change through both legislative and regulatory action.

10:15

10:45	From Projects to Programs Stream	Expanding Markets Stream	Linking Climate Finance and Carbon Finance Stream
-------	---	---------------------------------	--

	What future for the voluntary carbon market: Can it lead through innovation?	Where now for Japan	Financing climate action in cities
--	---	----------------------------	---

Moderator:
David Antonioli
 Chief Executive Officer, VCS Association

Gerald Maradan
 Chief Executive Officer,
 EcoAct

Alexander Zang
 Director,
 Forest Carbon Group

José Luis Tejera
 Director of Climate Change Unit,
 AENOR

Hy Martin
 Senior Head of Carbon Markets,
 Investments in Conservation and Ecosystems;
 Prime Energy Investments; Nollen Group

The voluntary market is widely seen as a ground in which private sector is able to experiment with as well as take on more targets and commitments that are not covered under their legislative compliance environment. At the same time the some countries looking at stimulating their sectors in using the voluntary market as a way to reach the countries international obligations. This session looks at the what the voluntary market has so far been able to achieve and also what role it will play in providing stimulus, examples and incentives to the market that can effectively be used by the regulatory bodies. It will also examine in which direction the voluntary market is seeing to evolve over time, will the voluntary become more a tool that is used for legislative purposes or will it continue to develop as a mechanism for the private sector as a differentiator from its competitor?

Moderator:
Jonathan Malsbury
 Manager and Lead Analyst, Carbon Markets,
 Bloomberg New Energy Finance

Mutsuyoshi Nishimura
 Ambassador, Chief Climate Change Negotiator,
 Prime Minister's Office, Japan

Haji Watanabe
 Chairman, Mitsubishi UFJ Securities

Matt Inamura
 General Manager, Emission Reductions Projects,
 Mitsui & Co.

Olga Gassan-zade
 Managing Director, Point Carbon

Norio Suzuki
 Deputy General Manager, Mitsubishi Corporation

The Hatoyama Government has committed to a particularly aggressive emissions reduction target, conditional on comparable targets elsewhere. It seems difficult to achieve such a target without a firm target for energy intensive industry and the power sector, yet political controversy over absolute targets in Japan still runs very high. The outcome could greatly affect the international offset market, too.

Moderator:
Konrad von Ritter
 Manager, Climate Change Practice,
 World Bank Institute

Porntep Techapaibul
 Deputy Governor, Bangkok Metropolitan
 Administration, Thailand

Sam Nelson
 Global Managing Director, Advisory Services,
 Point Carbon

Oliver Sartor
 Research Fellow, CDC Climat

Benoit Lefevre
 Research Fellow on Urban Fabric & Energy,
 Institute for Sustainable Development and
 International Relations (IDDRI)

Emily Farnworth
 Senior Advisor, Finance Sector,
 The Climate Group

Cities account for approximately up to 70% of greenhouse gas emissions and therefore climate change action in cities is a crucial and important undertaking. Further, cities often are the interfaces of where different environmental problems converge and therefore the solutions, including financing mechanisms have to be tailored to the meet the needs of the city. In this session we will hear from different panelists that have used private financing, public financing as well as carbon finance to provide unique and effective methods of financing climate action in cities.

11:45

TIME DAY 3 - FRIDAY - 28 MAY (CONT.)			
12:00	From Projects to Programs Stream	Expanding Markets Stream	Linking Climate Finance and Carbon Finance Stream
	<p>Blending markets and regulation to drive renewables and efficiency in the power sector</p> <p>Moderator: Michela Beltracchi Senior Adviser on European Affairs, Office of the Gas and Electricity Markets (Ofgem)</p> <p>Giles Dickson Vice President for Government Relations, Alstom</p> <p>Saurabh Kumar Secretary, Bureau of Energy Efficiency, India</p> <p>Peter Greenwood Executive Director, Strategy & Group Environmental Affairs, China Light and Power (CLP)</p> <p>John Scowcroft Head of Environment and Sustainable Development, EURELECTRIC</p> <p>Gerardo Montanino* Head, Renewable Energies & Energy Efficiency, GSE (Gestore Servizi Energetici)</p> <p>According to the IEA, a 50% reduction in global emissions by 2050 will require significant energy efficiency improvements in the power sectors (7% of all efforts). What is the potential of carbon reduction through driving renewables and efficiency in the power sector? Can market mechanisms boost investment or is complementary regulation needed? And how can regulatory overlap and associated efficiency losses be avoided? Many developing countries are introducing a mix of regulations and market instruments including trading schemes to drive change in this sector. Looking at the experience in some EU countries with energy efficiency trading and regulation on renewables can provide a indication on the challenges ahead.</p>	<p>Monitoring Reporting and Verifying (MRVing) mitigation actions: A corner stone for the post 2012 regime?</p> <p>Moderator: Jane Ellis Principal Administrator, Climate Change, Organisation for Economic Co-Operation and Development (OECD)</p> <p>Andrea Garcia Climate Change Adviser, Ministry of Environment, Colombia</p> <p>David Kinder Head of International Carbon Market Policy UK Department of Energy and Climate Change</p> <p>Joanne Yawitch* Deputy Director General: Environmental Quality and Protection, Department of Environmental Affairs and Tourism, South Africa</p> <p>Constant Van Aerschot Director, Lafarge</p> <p>Madlen King Global Climate Change Manager, Lloyd's Register Quality Assurance</p> <p>Robust Monitoring, Reporting, and Verification (MRVing) is considered a core element of the assessment of international efforts to address climate change, and is particularly important for the development of environmentally sound carbon markets. As developing countries elaborate and implement their Nationally Appropriate Mitigation Actions (NAMAs), the need for MRV and good quality data have become increasingly important. Furthermore, questions have arisen about how to MRV different types of actions receiving different forms of support. Amid these questions, concern for the preservation of national sovereignty and the integrity of the international carbon market abound. For any of this to be adequately addressed countries will need time and support to build the requisite capacity, systems and institutions to undertake MRV. This session will break out the key MRV questions puzzling policymakers and business representatives to date and discuss possibilities that may move the discussion forward.</p>	<p>Tapping a new breed of investors: Innovative financial instruments for climate action</p> <p>Moderator: Henry Derwent President & Chief Executive Officer, International Emissions Trading Association (IETA)</p> <p>Ivan Zelenko Lead Financial Officer/Head of Deriv&Struc Finance, World Bank</p> <p>Daniel Morrell Founder, Carbon Advisory Services</p> <p>Imtiaz Ahmad Executive Director, Morgan Stanley</p> <p>Christopher Flensburg Head of Sustainable Products and Product Development, Skandinaviska Enskilda Banken (SEB)</p> <p>Sudhir Bhat Director Project Finance, First Climate Group</p> <p>Private finance for climate objectives has so far largely meant the CDM and its future developments. Yet, the broader climate change agenda has provided an impetus to financiers to innovate new products including green bonds, weather derivatives, securitized bonds or coupons linked to emission reductions, and sovereign budget insurance to mobilize new sources of climate finance. However, these products have yet to successfully attract the large scale institutional investors such as sovereign wealth funds and pension funds. This session will look at challenges ahead in unlocking capital flows from private and institutional investors that are seeking opportunities to generate returns on climate change related investments, and in blending these with more conventional climate and carbon finance.</p>
13:00			

TIME DAY 3 - FRIDAY - 28 MAY (CONT.)			
14:00	From Projects to Programs Stream	Expanding Markets Stream	Linking Climate Finance and Carbon Finance Stream
	<p>Where next for burying carbon? Prospects and economics for global deployment</p> <p>Moderator: Dale Seymour President of Strategy, Global CCS Institute</p> <p>Corinne Boone Managing Director, Hatch</p> <p>Graham Stuart Partner, Baker & McKenzie</p> <p>Lobo Balia* Adviser to Minister Dr Darwin, Ministry of Energy and Mineral Resources of Indonesia (MEMR)</p> <p>Ioannis Chrysostomidis Senior Consultant, Sustainability & Climate Change Team ERM</p> <p>Luc de-Marliave Climate Change Coordinator, Total</p> <p>Putting carbon back where it came from has been explored for many years. Technologies for capturing and storing carbon underground are well understood and demonstrated, yet at small scale are considered costly alongside other mitigation alternatives. This session will cover the necessary steps and challenges for deploying Carbon Capture and Storage with the focus on engaging developing countries. What carbon finance instruments would help address risks and match financial gaps?</p>	<p>Catalyzing private sector funding and public-private partnerships for Reducing Emissions from Deforestation and Forest Degradation (REDD+)</p> <p>Moderator: Charlotte Streck Director, Climate Focus</p> <p>Mariano Cenamo Head, Institute for Conservation and Sustainable Development of Amazonas (IDESAM), Brazil</p> <p>Christian del Valle Head, Environmental Markets, BNP Paribas</p> <p>Rajeev Suri Director, Origination, Supply & Trading, British Petroleum Alternative Energy</p> <p>Heiko Warnken Head of Department 316 Environment, German Federal Ministry for Economic Cooperation and Development</p> <p>The Bali roadmap calls for comprehensive policy approaches and positive incentives for Reducing Emissions from Deforestation and forest Degradation (REDD) in developing countries. The two central approaches to financing a comprehensive, country driven REDD + approach are public funding and market-based instruments. There is significant debate over which best serves the purposes of forest conservation while providing socio-economic benefits to forest dependant people. The 2008 Eliasch Review on financing global forests estimates that US\$ 17-33 billion must be invested in order to cut greenhouse gas emissions from deforestation in half by 2030. Given the challenge, a possible solution is a mechanism merging both, public and private funding. This session will look at the roles of market and government, and discuss whether a combined approach to financing REDD + is feasible.</p>	<p>Catalyzing Carbon and Climate Finance for Least Developed Countries</p> <p>Moderator: Geoff Sinclair Head of Carbon Sales and Trading, Standard Bank</p> <p>Lloyd Chingambo Chief Executive Officer, Lloyds Financials</p> <p>Steve Thorne Executive Director, North South</p> <p>April Allderice* Chief Executive Officer, MicroEnergy Credits</p> <p>Nazmul Haque Director of Head of Investment, Infrastructure Development Company Limited (IDCOL)</p> <p>Chris Staples Partner, Linklaters</p> <p>LDCs have improved on their previously very low rate of success in attracting CDM projects, but there is still a long way to go. However, some countries see the future of the CDM as limited to LDCs only. This session will assess the progress made by LDCs in using external finance to improve access to energy and reduce vulnerability to climate change, and the possibilities of attracting emerging sources of finance including the Climate Investment Funds (CIFs) as well as the CDM.</p>
15:00			

Legend: *Invited speaker, pending confirmation
 Training Sessions **Offenbach-/Europasaal**
 Expanding Markets Stream **Congress Saal**

Plenary Sessions **Congress Saal**

From Projects to Programs Stream **Offenbachsaal**

Linking Climate Finance and Carbon Finance Stream **Europasaal**

TIME DAY 3 - FRIDAY - 28 MAY (CONT.)

15:15	From Projects to Programs Stream	Expanding Markets Stream	Linking Climate Finance and Carbon Finance Stream
16:15	<p>Business arrangements for Programme of Activity (PoA) - The key to success</p> <p>Moderator: Edwin Aalders Partner Business Development & Operations, IDEACarbon</p> <p>Mohamed Youssef Assistant Deputy Minister, Ministry of Finance, Egypt</p> <p>Gabriela González-Merla Laguna Head of the Climate Change Area, GOODRICH RIQUELME Y ASOCIADOS, Mexico</p> <p>Stephan Hild Head of Sales, PoA Coordinator, Carbon Management Service, TÜV SÜD</p> <p>Marc André Marr Head of Business Unit CDM/JI Management, Point Carbon</p> <p>Carolyn S. Neufeld* Senior Project Manager, KfW Carbon Fund</p> <p>Many of the challenges faced in the development of PoAs under the CDM are out of the hands of project participants. This is why identifying those elements which participants can control and managing them well is key to ensuring the successful registration of PoAs. For the most part, business arrangements can be tightly controlled through careful planning and the development of good relationships with other project participants. This session will explore the various business arrangements of a PoA, using real world examples to provide insight and guidance to newcomers to the PoA world.</p>	<p>Carbon market oversight: Learning from experience in global markets</p> <p>Moderator: Simone Ruiz European Policy Director, International Emissions Trading Association (IETA)</p> <p>Tom Lewis Chief Executive Officer, Green Exchange</p> <p>Aurélien Tignol Deputy Head of the Carbon Markets Unit, Directory General Energy and Climate, Ministry of Ecology, Energy, Sustainable Development and the Sea, France</p> <p>Jane Lloyd Vice President, Markit</p> <p>Ken Ivanic Vice President of Environmental Markets, North America, World Energy Solutions</p> <p>Francisco Fernandez-Asin Executive Director, Endesa Carboneo</p> <p>Financial markets regulation is becoming increasingly important for the carbon market. In the wake of the global financial meltdown, the US Congress is working on a financial reform package with dramatic implications for the carbon market. For example, leading proposals would severely limit over the counter trades, reducing options available for covered entities to manage carbon risk. Meanwhile, in Europe, as a result of concerns over carbon market fraud, authorities are increasingly studying the need for carbon market surveillance and regulation. This session will examine government proposals on both sides of the Atlantic and the implications of these proposals for capital investment and carbon risk management.</p>	<p>Supporting climate investment: Guarantees, reserves, options and price floors</p> <p>Moderator: Alexandre Marty Head of Policy, Carbon and Environmental Markets, EDF Trading</p> <p>Luca Taschini Research Associate, London School of Economics</p> <p>Martin Berg Vice President, Carbon Markets Origination, Bank of America Merrill Lynch</p> <p>Wolfgang Mostert Director, Innovative Finance and Regulatory Frameworks, Strategy & Organization, PPPs UNEP-SEFI (Sustainable Energy Finance Initiative)</p> <p>David Kennedy* Chief Executive, Committee on Climate Change, UK Government</p> <p>Peter Zaman Senior Associate, Clifford Chance</p> <p>Investors hunt for financing opportunities with tolerable risk alongside adequate rates of return. In order to ignite radical investment into low carbon technologies and climate mitigation activities, investors need to view the carbon price and the infrastructure upholding it with similar acceptability. This session will explore the necessity and viability for market support measures to be put in place which might enhance the investability of climate action.</p>

16:30 Closing Plenary - Operating in a fragmented world: Can climate change be addressed with bilateral and regional agreements?

17:30	<p>Moderator Will Hutton Author and Commentator, The Observer, The Guardian</p> <p>Jonathan Pershing Deputy Special Envoy for Climate Change, U.S. House Committee on Foreign Affairs</p> <p>Jim Rogers* Chief Executive Officer, Duke Energy</p> <p>Mutsuyoshi Nishimura Ambassador, Chief Climate Change Negotiator Prime Minister's Office, Japan</p> <p>Margaret Mukahanana-Sangarwe AWG-LCA Chair, UNFCCC</p> <p>Ongulade Davidson* Minister of Energy, Sierra Leone</p> <p>Alicia Montalvo* Ministry of Environment and Rural and Marine Affairs, Spain</p> <p>John Christensen Head of UNEP Risoe Center & Member of UNEP's Climate Change Task Force</p> <p>No effort is being spared to achieve a timely, binding international climate change agreement following on from the first commitment period of the Kyoto Protocol in 2013. But, there is a real possibility of a long gap without international targets or a comprehensive international climate change regime. However, in this interim world, it is likely there will be individual and regional emissions reduction targets and trading systems, which may or may not be comparable. There could also be bilateral and multilateral cost sharing agreements encouraging joint efforts. How could this scenario be made to work well? How effectively could it reduce emissions? How would climate finance gaps be met without clear signals on market based instruments? And how would carbon be priced and traded across this world?</p>
-------	--



Cologne – Exhibition and Media Metropolis at the Heart of Europe

The venue of CARBON EXPO 2010

CARBON EXPO 2010 is returning to Cologne, the place it was founded, on one of the largest and most state-of-the-art exhibition sites in the world. Cologne is Germany's no. 1 media city. It lies at the heart of Europe and is internationally popular for its multicultural flair with renowned opera houses, theaters and concert venues, museums,

old-town pubs and top quality gastronomy. The emblem of the city is Cologne cathedral, one of the most important examples of gothic architecture in the world. The Rhine metropolis is also easy to access: the exhibition centre has its own ICE high-speed train connection and the five international airports of Cologne/Bonn, Düsseldorf, Frankfurt, Brussels and Amsterdam all have direct train connections.

Participant Fees

Ticket Type	Price Participant Fees 2010
3 day ticket Trade Fair, Conference & Side Events	€1,349.00 plus VAT
Discounted 3 day ticket Trade Fair, Conference & Side Events (for associations and supporting organizations)	€899.00 plus VAT
Discounted 3 day ticket Trade Fair, Conference & Side Events for developing countries	€218.00 plus VAT
1 day ticket Trade Fair, Conference & Side Events	€729.00 plus VAT
Discounted 3 day ticket Trade Fair, Conference & Side Events (students & academia)	€109.00 plus VAT
3 day Trade Fair & Side Events only	€409.00 plus VAT
1 day Trade Fair & Side Events only	€159.00 plus VAT
ticket for evening event „Meet the Carbon Market“	€74.00 plus VAT

Exhibitor Package Prices

Presentation Opportunities:

Package Type	Pricing Exhibitor
Bronze	€3,990.00 plus VAT
Silver	€5,490.00 plus VAT
Gold	€17,990.00 plus VAT
Platinum	€28,990.00 plus VAT
Co-exhibitor fee	€350.00 plus VAT
Individual space	€3,490.00 + 250.00€/m ² plus VAT

Your Contacts

Conference Program:

Lisa Spafford
 CARBON EXPO Conference Director
 Telephone +41 22 737 05 02
 Fax +41 22 737 05 08
 spafford@carbonexpo.com

Trade Fair:

Guido Hentschke
 CARBON EXPO Product Manager
 Telephone +49 221 821-3097
 Fax +49 221 821-3098
 g.hentschke@koelnmesse.de

Jointly organized by:

