



Conference Program



Conference Program Legend

Plenary Sessions	Sala Actos level 3
Training Sessions	Room 11 & 12 level 0
Workshop Stream 1 Polices & Instruments for Climate Action	Room 6 level 3
Workshop Stream 2 Energy & Low Carbon Technology	Room 3 level 2
Workshop Stream 3	Room 5

	Day 1 - We	dnesday - 1 June		
08:00				
09:00	Opening Ceremony			
09:45	Short Break			
10:00	CARBON EXPO 2011 Roundtable - From Carbon Finance to Climate			
	Finance - Are We Getting	There:		
			Sala Actos - Level 3	
11:15	Coffee Break & Visit the			
11:30	CARBON EXPO 2011 Press Conference	Clash of Business Cultures: A Reason why	Maximizing the Value of Your	
		DOEs do not Understand Project Developers and	2012 Portfolio	
	Room 4 - Level 2	Vice Versa		
12:15	Duffet Long de O Vieit the 7	Room 12 - Level 0	Room 11 - Level 0	
12:30	Buffet Lunch & Visit the T	rade Fair		
			Level 0	
14:00	State and Trends of the C	arbon Market	Level O	
			Sala Actos - Level 3	
15:30	Coffee Break & Visit the T	rade Fair		
16:00	The Future of Market-Base	ed Instruments		
			Sala Actos - Level 3	
17:15	Short Break			
17:30	Finance & Technology for Green Growth			
18:30			Sala Actos - Level 3	
18:30				



Day 3 - Friday - 3 June				
08:00				
09:00	Voluntary Markets - A Bridge Over Troubled Waters	Financing Low Carbon Technologies in Cities		Greening Venture Capital: The Role and Status of Clean Tech Enablers
				Litableis
	Room 6 - Level 3		1 3 - Level 2	Room 5 - Level 3
10:00	Coffee Break & Visit the Tr	rade Fair		
10:30	Market Approaches - Are Developed Countries	MRV: It's no		Making Climate Finance Work for
	Being Left Behind?	Being Seen be Green	το	Energy Access in LDCs
	Room 6 - Level 3	Room	1 3 - Level 2	Room 5 - Level 3
11:30	Short Break			
11:45	CDM at age 10: Lessons I	Learned Sinc	e Marrakech a	and How They Inform
	Post -2012 Market- Mec	hanisms		
	- 66			Sala Actos - Level 3
13:00	Buffet Lunch & Visit the	Trade Fair		o Special Lunch M: Fit for the Future!"
		Level 0		Sala Actos - Level 3
14:00	PoAs – Reforms Needed to Improve	Industrial G the Climate		Still Waiting? Private Sector Engagement
	Their Implementation	the Climate	LIIIK	With REDD + Today
				and Tomorrow
	Room 6 - Level 3	Room	1 3 - Level 2	Room 5 - Level 3
15:00	Short Break			
15:15	Insights From A/R CDM	CCS: Where are We Today in Building		New UN Finance
	Projects: Reforming			Initiatives: What They Can Deliver?
	Current Rules to Expand LULUCF Opportunities	Tomorrow's Technology?		They Can Deliver?
				Decor E. Level D
16:15	Room 6 - Level 3	Room	1 3 - Level 2	Room 5 - Level 3
16:30	Short Break			
10.50	Climate Finance and the Role of the Private Sector			
				Sala Actos - Level 3
17:30	Closing Addresses			
17:45				

Thematic Focus & Workshop Streams

CARBON EXPO 2011 Thematic Focus: Finance & Technology for Green Growth

Green growth is an inspiring concept, that is catching on all over the world. But there is much less consensus over what it means in practice. Which technologies are truly green? Which can be engines of growth? And most importantly, how can they be afforded, and how can they be financed? Carbon Expo this year reflects the widening of interest in the carbon market and among low-carbon investors to encompass all forms of climate finance. It will look at how economic opportunities can be developed out of the green agenda, but its focus is improving the process of public money and public policy leveraging private sector money, in order to meet green growth aspirations. Carbon Expo will chart the development of new markets, new partnerships and new opportunities, and will look at the capacities and capabilities that will need to be created in developed and developing countries alike.

Workshop Stream 1 Policies & Instruments for Climate Action

The international policy framework for climate action should meet the needs of the world's varying national and regional circumstances now, and should be able to continue to meet them as they change over time. Lessons on how to create a toolbox of adaptable climate policies and measures on sub-national, national, regional and international levels can be taken from past attempts to finance climate action, including through emissions trading, the CDM, and JI. Governments as well as the private are eager to fill the climate toolbox with methods that produce real, effective, and measureable results. The workshops under this stream will analyze the climate tools that we currently have on the table to help countries meet their ambitious NAMAs pledges, identify "gaps" and propose solutions for the future.

Workshop Stream 2 Energy & Low Carbon Technology

Pricing carbon is believed to be a key pillar in any country's shift towards a low carbon economy. Europe has proven that a carbon price alters "busienss as usual" operational decision making, especially in heavy emitting sectors. However, a carbon price alone will be insufficient to encourage long term investments into the technologies needed to combat climate change, with an objective to decarbonize emissions growth over the coming decades. Public and private sector investors need to work together to build a comprehensive policy framework that takes aim at bringing down the high cost of some critical abatement technologies, such as carbon capture and storage (CCS). This stream of workshops will evaluate current options for financing low carbon technologies and provide insights on how to achieve a technology roadmap that will satisfy long term climate stabilization levels.

Workshop Stream 3: Climate Financing & Investment

Since Carbon Expo 2010, the pressing question about "how to massively scale-up finance for climate mitigation and adaptation activities worldwide" has hit airwaves worldwide and found its way to the core of both international and national climate debates. Sessions under this stream will review the design and promise of existing low-carbon policy and financing approaches, as well as explore a host of innovative mechanisms. This stream will also shed light on practical experiences that have, to date, proven successful in mobilizing green investment and financing across various public and private sources. Can a single type of mechanism, regulation, fund, or agreement really be equipped to meet all – or even most – of our low - carbon financing and investment requirements? Or are we more likely to see a combination of inter-connected and complementary low-carbon tools (toolkits?) emerge, which are tailored to priority actions and mitigation costs by region or sector? Leave these sessions with an arsenal of new knowledge and deeper understanding around the state and fate of NAMAs, Sectoral Crediting, REDD, Green Bonds and Securitization en route to Durban and beyond.



TIME	Day 1 - Wednesday - 1 June			
09:00	Opening ceremony		Sala Actos	
	Co-Organizers Welcome Addresses Facilitator: Henry Derwent President & Chief Executive Officer, International Emissions Trading Association (IETA) Andrew Steer Special Envoy, Climate Change, World Bank	Host Official Welcome Addresses Jordi Hereu Mayor of Barcelona, Spain Rosa Aguilar Minister for the Environment, Rural and Marine Affairs, Spain	Artur Mas President de la Generalitat de Catalunya, Spain Keynote Address Christiana Figueres Executive Secretary, UNFCCC	
09:45	Short Break			
10:00	CARBON EXPO 2011 Roundtable - From Car	rbon Finance to Climate Finance - Are We G	etting There? Sala Actos	
	on transitioning from carbon finance to climate finan	State Secretary, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, Germany Teresa Ribera Minister for Environmental, Rural and Marine Affairs, Spain e their perspective on current global, national government and public and private stakeholder action e finance. Does action taken so far indicate that the global community is on track to change in a at will be the role of carbon finance? This session will cover aspects from individual consumption to		
11:15	Coffee Break & Visit the Trade Fair			
11:30	CARBON EXPO 2011 Press Conference	Clash of business cultures: A reason why DOEs do not understand Project Developers and vice versa	Maximizing the value of your 2012 portfolio	
	Moderator: Isabel Hagbrink Senior Communications Officer, Carbon Finance Unit, The World Bank Group Henry Derwent President & Chief Executive Officer International Emissions Trading Association (IETA) Andrew Steer Special Envoy, Climate Change World Bank	Moderator: Sven Kolmetz Project Portfolio Director, Climate Bridge Martin Enderlin Head, BeCe Carbon Experts Thomas Kleiser Head of Certification Body Climate and Energy, TUV SUD	Moderator: World Bank Edwin Aalders Senior Approver, DNV Robert Dornau EVP Business Development, Carbonflow	
12:15	Room 4	This interactive session will be giving insights and making suggestions to overcome the differences.	The training session will provide a general overview of the CDM processes, time-lines and procedures as well as common CDM risks that could reduce or delay ER delivery, with a special focus on the challenges presented by end of the Kyoto Protocol's first commitment period & EU-ETS Phase II in December 2012. A series of Key Performance Indicators will be presented,	
			together with best practices identified though CDM experience. The session will include	

Legend: * Invited speaker, pending confirmation

Buffet Lunch & Visit the Trade Fair

12:30

Plenary Sessions Workshop Stream 1: Polices & Instruments For Climate Action
Training Sessions Workshop Stream 2: Energy & Low Carbon Technology

Workshop Stream 3: Climate Financing & Investment

Room 12

Room 11

Level 0

Day 1 - Wednesday - 1 June (Cont.)

14:00 State and Trends of the Carbon Market

Sala Actos

Moderator:

Mark Nicholls

Editor, Environmental Finance

Neeraj Prasad

Manager, Climate Change Practice, WBI,

World Bank

Henry Derwent

President & Chief Executive Officer,

International Emissions Trading Association (IETA)

Ludwig Kons

Vice President

RWE Power

Martin Lawless

Managing Director, Head of Environmental Financial Products,

Deutsche Bank

Veronique Bugnion

Global Head, Carbon and Natural Gas,

Thomson Reuters

Ludovino Lopes

Partner,

Ludovino Lopes Lawyers

While transactions held up in 2010, the political and regulatory aspects of the carbon market were in the spotlight. Positive impacts, such as outcomes in Cancun and domestic initiatives in California and South Korea, were partially offset by regulatory disruptions in the EU-ETS market and bearish news at the federal level in the U.S., Japan, and Australia. As in past years, Carbon Expo will base its comprehensive assessment of the market on the releases of the World Bank's State and Trends of the Carbon Market report and IETA's Carbon Market Survey. This session will provide an overview of the World Bank's Report and IETA's Survey, discussing the market impacts of this year's major events and proposing a path towards the recovery of market confidence.

15:30 Coffee Break & Visit the Trade Fair

16:00 The Future of Market-Based Instruments

Sala Actos

Moderator:

Felix Matthes

Research Coordinator, Energy and Climate Policy,

Oeko-Institut

Yvo de Boer

Global Advisor, Climate Change & Sustainability Services,

KPMG

Joëlle Chassard

Manager, Carbon Finance Unit,

World Bank

Pierre Ducret

Chairman & Chief Executive Officer,

CDC Climat

Juan Mata

Director General, Climate Change Policy,

SEMARNAT, Mexico

Markets have been proven to be both efficient and effective at reducing emissions and achieving other environmental benefits. Yet market approaches to addressing climate change and deploying clean technology are at a crossroads. Just as China and India are taking up market-based mechanisms domestically, proposed emissions trading legislation has stalled in the United States, Australia, and Japan. What does this turn of events means for market-based climate action post-2012? What will determine the role of markets post-2012 -- policymakers, the public, or something else? And what, if anything, can be done to increase confidence in the use of market mechanisms for climate mitigation?

17:15 Short Break

17:30 Finance & Technology for Green Growth

Sala Actos

Moderator:

Sylvia Pfeifer

Senior Energy Editor,

Financial Times

Jung Taeyong *

Deputy Director,

Global Green Growth Institute (GGGI)

Simone Mori

Executive Vice President Regulatory, Environment and

Carbon Strategy, ENEL SPA

Simon Brooks

Vice President,

The European Investment Bank

Mohsen A. Khalil

Director, Climate Business Group,

International Finance Corporation (IFC)

Lu Xuedu

Senior Advisor,

Asian Development Bank (ADB)

Jean-Guy Carrier

Secretary General,

IInternational Chamber of Commerce (ICC)

Sylvie Lemmet*

Director, Paris based Division of Technology, Industry and Economics,

UNEP

Do we have the finance and technology tools to achieve meaningful green growth in developed and developing countries?

There are many outstanding commitments to combat climate change, but efforts will be meaningless unless there is a path for developing and developed countries to grow their economies using low-carbon technologies. What are the best incentives to mobilize the finance and stimulate the technology development that will be needed? How will the technology be transferred and diffused? And will countries face a "green race" to put in place the best incentives?

18:45

Day 2 - Thursday - 2 June

09:00 Looking Beyond Washington - Opportunities for North American Action

Sala Actos

Moderator

Monica Trauzzi

Managing Editor & Host,

E&E TV

Nathan Richardson

Resident Scholar.

Resources for the Future (RFF)

David Sawyer

Associate and Environmental Economist, Head of Ottawa-based climatechange and energy program ,

International Institute for Sustainable Development (IISD)

Brian Storms

Chairman & Chief Executive Officer,

NYSE Blue

David Hunter

Director, USA,

International Emissions Trading Association (IETA)

Myriam Blais

Environmental and Climate Change Coordinator,

Economic Development Ministry of Québec Government of Quebec

Tba*

Pacific Gas and Electric (PG&E)

Despite the divergence regarding cap-and-trade policy in both Washington and Ottawa, North America is progressing towards clean energy markets on multiple fronts. The Clean Energy Agenda and the United States Environmental Protection Agency's GHG Regulation are positioned to be major themes in this session of the U.S. Congress. While not substitutes for cap-and-trade, both initiatives provide potential opportunities for market-based approaches. Furthermore, California has established the world's second largest carbon market and is working with the states and provinces of the Western Climate Initiative (WCI) to establish a rigorous regional program. This session will discuss the energy and climate outlook in the United States, the potential of the WCI, the rise of the Californian market, and the Canadian provincial efforts to establish a NAFTA trading program.

10:15 Coffee Break & Visit the Trade Fair

10:45

Market Based Approaches in Developing

m 6

Poom 3

Blending Carbon and Climate Finance: Still at the Dating Stage or is it Getting

Room ^r

Moderator:

Leila Pourarkin*

Carbon Market Policy Lead, International Climate Change,

Department of Energy and Climate Change, UK

Wang Shu

Deputy Director, Climate Change Department, National Development and Reform Commission, China

Jaime Bravo*

Director, Environment and Renewable Energy, Ministry of Energy, Chile

Sanjay Seth*

Energy Economist,

Bureau of Enery Efficiency, Ministry of Power, India

Christiaan Vrolijk

Principal Carbon Emissions Specialist, Carbon Resource Management / Vitol Trajectories to a Low Carbon Power Sector by 2050

Roo

Moderator: Bill Kyte

Senior Advisor, Climate Change, E.ON & H. President, UK Emissions Trading Group (ETG), & Chief Advisor, international Climate Policy, EURELECTRIC

Guy Turner

Director,

New Energy Finance

Carine Hemery

Senior Analyst,

Orbeo

Franz-Josef Schafhausen

Deputy Director General, Environment and Energy, German Federal Ministry For the Environment, Nature Conservation and Nuclear Safety (BMU)

Christina Hood

Climate Policy Analyst,

International Energy Agency (IEA)

Moderator:

Henry Derwent

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

Philippe Benoit

Energy Sector Manager,

Latin America & the Caribbean, World Bank

Christopher Knowles

Head of Climate Change & Environment Division, European Investment Bank (EIB)

Graham Stuart

Partner,

Baker & McKenzie

Imtiaz Ahmad

Executive Director,

Morgan Stanley

Serkan Ata*

Assistant Treasury Expert,

Undersecretariat of Treasury, Turkey

A price on carbon, transformed into carbon finance, cannot do everything, certainly not with the coverage and at the prices seen in today's world. But it can still help, and sometimes be the catalyst for transformation, or the source of the long-term expected increases in value sought by so many institutional investors. Climate finance today more often means blending funds from many sources interested in lower emissions, both public and private, to provide a structure for investment. The flavors in the blend can include renewable support, energy efficiency markets, NAMA contributions as well as income from carbon. This at least is the theory: how far has the practice progressed?

Several developing countries have made plans to pilot and test the use of domestic market based instruments to achieve their domestic mitigation objectives. What considerations motivated those countries to assess this kind of instruments? What is the status of the development of such schemes? How would those schemes interact with each other and other schemes established in the future?

The path to 2050: how to combine competitiveness with a low-carbon future. This session will give an update on the global roadmap 2050 developed by the International Electricity Partnership representing the power sectors in Australia, Canada, Japan and the US. The report highlights significant interactions between sectors and the important roles for markets, governments & regulators. It will also give an opportunity to discuss with EU officials the turn in energy efficiency policy and corresponding acceleration in decarbonization. What will be the impact on such scenarios of the renewed public debate around nuclear power.

11:45 Sho

Short Break

Legend: * Invited speaker, pending confirmation

Plenary Sessions
Training Sessions

Workshop Stream 1: Polices & Instruments For Climate Action
Workshop Stream 2: Energy & Low Carbon Technology

Workshop Stream 3: Climate Financing & Investment

Day 2 - Thursday - 2 June (Cont.) Standardized Baselines: Unlocking Carbon **Energy Efficiency - Harnessing Market Potential** 12:00 Moderator: Moderator: Moderator: Anne Arquit-Niederberger Michael Comstock Klaus Oppermann Team Lead, Policies and Methodologies, Founding Owner, Manager, International Climate Dialogue, World Bank **Policy Solutions** Center for Clean Air Policy (CCAP) Steve Schiller Sarah Love **Suzanty Sitorus** Economic Adviser, President, Executive Secretary of the Finance Working Group, UK Department for International Development (DFID) Schiller Consulting National Council on Climate Change, Indonesia Samuel A. Adejuwon* Malgorzata Dusza* **Mathias Krey** Federal Ministry of Environment, Director, Financial Institutions Section, Managing Director, Special Climate Change Unit Bank Ochrony Poland Perspectives **Gareth Phillips** Jorge Wolpert Chief Climate Change Officer, Deputy Director General Sindicatum Carbon Capital National Housing Commission (CONAVI), Mexico Susanne Haefeli-Hestvik Chia-Chin Cheng* Vice President, Director Technical Department, Senior Scientist, UNEP Risoe, Tricorona UNEP Sustainable Buildings & Climate Initiative Standardized baselines are seen as a promising Experiences with energy efficiency projects Nationally Appropriate Mitigation Actions means to unlock the carbon market potential in under CDM and JI are mixed. Relative to their (NAMAs) promise to evolve into a mechanism potential in low cost GHG mitigation energy underrepresented regions, project types and for that fosters international collaboration to support scaling up of mitigation actions to lower the efficiency projects are underrepresented in the low-carbon development pathways in developing countries. While debate and negotiations greenhouse gases emissions. The recent CMP mechanisms. This is in particular true for demand request to CDM Executive Board to support the side energy efficiency including the building continue on operational modalities and required development of standardized baselines in sector and household appliances. It is here where institutions for a NAMA implementation consultation with designated national authorities the project-based Kyoto mechanisms are at their framework within UNFCCC, several developing and to prioritize their application to least frontier both from a regulatory and an countries are already taking proactive steps operational point of view. Based on experiences towards the identification and design of NAMA developed countries, small island developing states and regions and project types with low learnt on CDM and JI, this session discusses programs, aiming at mobilizing domestic policy support and leveraging bilateral financial participation in clean development mechanism issues to improve the current shape of the underscores the importance of standardized project-based mechanisms to make them more contributions. Is there something like good approaches to baseline setting and cost effective workable for energy efficiency programs as well practice guidance for 'early movers' to monitoring of mitigation actions in extending the as perspectives of new mechanisms such as successfully match sectoral low-carbon reach of CDM. This session explores the steps in NAMAs. development plans, domestic budgetary priorities development and implementation of standardized and (fast-start) international finance pledges? baselines for realizing the potential of scaled up Panelists will discuss elements and criteria deemed essential and share insights gained so far mitigation actions. during the ongoing NAMA 'learning-by-doing' process. **Buffet Lunch & Visit the Trade Fair** 13:00 Level 0 14:00 **EU ETS - Leading by Example?** Sala Actos Moderator: Nick Campbell

Environment Manager,

Arkema

David Hone

Group Climate Change Advisor,

Shell

Peter Zapfel

Head of Policy Coordination, DG CLIMA, European Commission

François-Xavier Saint-Macary

Chief Executive Officer.

Bluenext

Louis Redshaw

Head of Environmental markets.

Barclays

Alexander Marty

Head of Policy, Carbon & Environment,

EDF Trading

Alicia Montalvo

Director Climate Change,

Ministry of the Environment, Spain

Following a string of attacks, the EU ETS infrastructure has received a face lift and learnt its lessons: there is not enough security for the value at stake and there IS value at stake. At the same time, a regulatory frenzy has started from searching for better market protection rules to options how to enhance the value of allowances to better incentivice carbon abatement in preparation of the steep abatement trajectory to a 80-95% reduction target by 2050. What must change to ensure the EU ETS remains the key pillar in the EU's climate and energy strategy? The EU ETS also remains the main source for offset deman in the world. From 2013 however, rules for offset use will change dramatically with a strong focus on LDCs and a ban on offsets from industrial gas projects. How will this affect global carbon markets: What will be the consequences for the CDM/JI and what are the perspectives for the development of new mechanisms?

Coffee Break & Visit the Trade Fair 15:15

Day 2 - Thursday - 2 June (Cont.)

15:45

LEDS & NAMAs – Embedding Mitigation **Objectives in Development Strategies**

Aviation & Maritime Transport?

The Emerging World of this Companion

Moderator:

Kim Carnahan

International Policy Director,

International Emissions Trading Association (IETA)

Global Managing Director - Advisory Services, Point Carbon, Thomson Reuters

Alexia Kelly

LEDS Specialist,

US State Dept

Veronique Lozano*

Advisor, UNDP

Sandra Garavito Rojas

Advisor Climate Change Mitigation Group, Ministry of the Environment, Housing and Territorial Development, Colombia

Country Representative, Entec, Vietnam

The concepts of LEDS and NAMAs were created in order to give developing countries a free hand to design mitigation actions that fit with their particular devenlopment needs and mitigation opportunities. The types of activities pledged as NAMAs to the UNFCCC— first in conjunction with the Copenhagen Accords and then reiterated under the Cancun Agreements— show that countries have taken that ability to personalize to heart, especially when it comes to the use of programmatic approaches. Still, designing and implementing LEDS and NAMAs has proven a difficult task in many countries, especially those without adequate resources. Panelists in this session will explain how different countries have approached LEDS and NAMAs to date. They will focus on those emerging economies that have taken the lead with an aim to explain how others can learn from their experiences.

Moderator: **Stuart Cerne**

Chief Excecutive Officer,

Enecore Carbon

Eivind Vagslid

Technical Officer,

International Maritime Organization (IMO)

John Palmisaro*

Director,

Carbon Positive

Amy Merrill

Managing Associate in the Environment and ClimateChange Practice, Linklaters

Luc Larmuseau

Director EMEA & LATAM, Climate Change Services and Environment,

DNV

Damien Meadows*

Head of Unit, Carbon Market, Aviation and Maritime, DG CLIMA, European Commission

From 2012, inbound and outbound flights to the EU will be covered by the EU ETS and airlines will have to submit allowances for emissions occurring in this year. At the end of this year, progress in the UNFCCC and IMO will be evaluated and regulators will decide whether emissions from international maritime transport should be included in the EU's commitments to reduce greenhouse gas emissions.

The panel will discuss the current state of EU ETS implementation for aviation, the preparation of airlines for dealing with these requirements and which other complementary tools might be useful. Panelists will compare this experience with research on market based mechanisms & best practices on regulating carbon emissions for the maritime sector. What are the chances for an international sectoral accord covering maritime transport emissions? What might such an accord look like and what are the relevant lessons learned from the EU ETS? While the sectors are largely different in operating terms, uniform & verifiable accounting rules for measuring emissions are common themes and must be addressed in the very near future.

Moderator:

David Hunter

US Director, International Emissions Trading Association (IETA)

Federico López de Alba

Deputy Director, Emisions Evaluation,

Comisión Federal de Electricidad (CFE), Mexico

Mahua Acharya

Chief Strategy Officer,

Emergent Ventures

John Scowcroft

Head of the Environment and Sustainable Development Policy Unit, EURELECTRIC

Mark Proegler

Director, Climate and Transport Energy,

The interaction between the carbon market and renewables incentives & financing has long been a topic of interest for many policy wonks. Now, as many carbon investors are taking the leap into renewables (or, REC) trading, and many governments are putting feed-in tariffs in place, the issue of financing and trading in renewables is a truly hot topic. Panelists in this session will discuss how carbon interacts with these new renwables policies, including the impact on emissions and bottom-line incentives when they collide. They will also cover the basics of renewables trading - how it differs from carbon trading, who's in the game now, and where the opportunities lie.

16:45 **Short Break**

Legend: * Invited speaker, pending confirmation

Plenary Sessions Training Sessions

Workshop Stream 1: Polices & Instruments For Climate Action Workshop Stream 2: Energy & Low Carbon Technology

Workshop Stream 3: Climate Financing & Investment

Thinking Beyond the Forest: Landscape Approaches to Reducing Land Use

Moderator:

Benoît Leguet

Former Chair of the JISC & Managing Director, Head of Research, CDC Climat

Kepa Solaun

Director General

Factor CO2

Jelmer Hoogzaad

Senior Consultant. Climate Focus

Lennard de Klerk

Chair

JI Action Group (JIAG)

Ingo Ramming

Co-Head of Commodity Solutions,

Commerzbank

Valdis Bisters

Director, Climate Policy and Technology Department, Ministry of the Environmental Protection and Regional Development, Latvia

Offsetting emission reductions is an important

cost containment tool for industry covered by the EU ETS. Non-capped sectors such as agriculture, transport or the building sector, offer largely untapped emission abatement options. Yet, there are no rules in place to use offsets from these sectors for compliance in the EU ETS. In this panel, private sector and government experts are to discuss how the EU ETS could progress implementation of domestic offset schemes in line with article 24a of the ETS Directive. Such a mechanism would allow to build on existing instruments (JI, CDM, voluntary offsets) and to enhance their responsiveness to environmental and economic needs in a specific region. Should there be a coalition of the willing to advance this agenda? Would this be implementable by 2013 and thereby allow to bridge the post Kyoto gap for JI offsets? How could this be set up in practice? Is it possible to combine this with established Green Investment Schemes (GIS)? What is the private sector's appetite to invest in such a mechanism? The panel will also look at alternative mechanisms, such as implemenation of JI under bilateral agreements between the EU and host countries.

Moderator:

Meine van Noordwijk* Chief Science Advisor,

World Agroforestry Center (ICRAF)

Juergen Blaser*

Advisor,

Swiss Intercooperation

Peter Minang*

Senior Scientist / Global Coordinator ASB Partnership for the Tropical Forest Margins

Odd Eirik Arnese*

Senior Advisor (Climate), Director General's Office, Norwegian Agency for Development Coorporation

Recent climate negotiations suggest that a

mechanism for REDD+, which includes

to also capture and account for emission

reductions that are generated as a result of

addressing the drivers of deforestation that

future global climate deal will likely include a

enhancement of carbon stocks within forests.

Currently, there is an ongoing debate over how

mostly lie at the forest interface or beyond. Such

a landscape approach could account for carbon

stocks from multiple land uses and be based on

ecosystem management at the agricultural and

forest level within the watershed. It would also

non-carbon benefits such as cleaner water, soil

session, experts will discuss the methodological

attempt to better capture and account for

conservation, and climate benefits. In this

challenges to such an approach, as well as

financing and policy support needs for its

effective implementation.

Moderator:

Julian Richardson Chief Executive Officer,

Parnhelion Capital

Katie Sullivan

Canadian Director, International Emissions

Trading Association (IETA)

Robert Milton Hunt

Lead Financial Officer, Deriv&Struc Finance, Capital Markets Department,

The World Bank

Thomas Stetter

Executive Board Member,

First Climate AG

Philip Doyle

Head of the Carbon Team,

ESB Energy International

Yariv Cohen

Chief Carbon Officer,

Camco

This session will examine a number of inspiring solutions to leverage carbon finance and unlock low-carbon investment, such as risk-management products that enhance the confidence of financiers in the value and predictability of future carbon credits, frontloading mechanisms that turn anticipated carbon revenues into upfront finance, revolving funds where accruing revenues can support a next tranche of investments, and structured finance with innovative use and combination of instruments, each addressing specific barriers and needs. Panelists will consider recent examples, discussing successes and challenges and potential for wider replication to accelerate climate action.

18:00

Day 3 - Friday - 3 June Financing Low Carbon Technologies Voluntary Markets - A Bridge over **Greening Venture Capital: Troubled Waters** in Cities 09:00 Moderator: Moderator: Moderator: **Lucille Sering**Commission of Climate Change for the Philippines Jonathan Shopley Laurent Segalen Managing Director and External Affairs, Founder, The Carbon Neutral Company Segalen Environment Partners **Kate Hamilton** Bashar Haddaden* **lames Cameron** Managing Director of Forest Trends, Director of Special Projects, Executive Director and Vice Chairman, Ecosystem marketplace Amman City Climate Change Capital Jan Corfee-Morlot Marc Stuart **Edward Hanrahan** Senior Policy Analyst - Climate Change, Biodiversity Founder, Private Equity Investor, Executive Director, and Development Division Alltrope JP Morgan ClimateCare **OECD Environment Directorate** José Luis Tejera John Paul Moscarella Victor Rojas Director, Climate Change Unit, Founder & Chief Executive Officer, Environmental Comissioner, **AENOR** Emerging Energy & Environment, LLC City of Chicago Christina Kappaz* Giuseppe Deodati Head of Carbon Strategy, Cornie Huizenga* Associate, ENEL Joint Convener Transport and Climate Change, Cimarron Capital Partners Partnership on Sustainable, Low Carbon Transport David Antonioli **Greg Neichin** Chief Executive Officer, Vice President, Research & Advisory, Verified Carbon Standard Clean Tech Group This session explores the current and future Cities account for 80% of the greenhouse gas Who are today's green angel investors, and impact of the voluntary market on global emissions from any country and therefore should what drives their decisions to support, or not emissions reductions. It will cover supply-side be an integral part of climate change action. This to support, emerging clean tech opportunidevelopments and market penetration of VER session looks at the various options of engaging ties? What role do carbon markets play, if any, in these decisions? How have low-carbon standards and projects, and an update on in cities on carbon/ climate finance action. We demand-side drivers and trends. It looks ahead at will hear from experts in the field on how they venture capital funds performed to date, and are tackling climate change with carbon/ climate the evolution and convergence of VERs, POAs and what experiences can be shared to help both NAMAs to support nationally relevant approaches finance in the different sectors of urban start-ups and future investors succeed in in least developed economies; innovation in development and different technologies being bringing low-carbon technologies to market? Based on the current state of clean tech rapidly developing economies; and applied. In particular, this session will look at the pre-compliance activity in developed economies. financing options in cities for low carbon growth, technology development, market trends, and It will debate whether the voluntary market has a city-wide approach carbon finance, led street policy developments, what does the future far greater role to play in bridging the gap to a lighting application, transportation policy, and hold for the development of a permanent working global regime. trading emissions between urban areas. green venture capital industry? These questions and more will be explored by our cross-section of panelists from a range of sectors and regions. Coffee Break & Visit the Trade Fair 10:00

Day 3 - Friday - 3 June (Cont.)

10:00

Market Approaches - Are Developed Countries Being Left Behind?

MRV: It's not Easy Being Green

Making Climate Finance Work for Energy Access in LDCs

Room 6

Moderator:

Brendan Bateman

Director,

Carbon Market Institute (CMI)

Kazuhisa Koakutsu

Senior Researcher, Deputy Director, Market Mechanism Group, The Institute for Global Environmental Strategies (IGES)

Martijn Wilder

Partner,

Baker & McKenzie

Kay Harrison

Manager, International Climate and Environment Policy,

Ministry for the Environment, New Zealand

Chen Huan

Deputy Director General , China CDM Fund

While China, India, Korea and Taiwan are pressing ahead with applications of emissions trading, developed countries outside the EU seem to be facing one difficulty after another. This session looks at the state of play in countries such as Australia, New Zealand and Japan and assesses the political possibilities, timetables and likely design features of what may emerge. The Fukushima tragedy may disrupt Japan's engagement with trading, or may mean that trading and the use of purchased offsets is even more necessary to sustain Japan's advanced position on emissions reductions. The Gillard Government's reinvention and reapplication of trading, perhaps including a significant role for domestic and international offsets, after a fixed-price period may survive its current political trials unscathed, or may be diverted again. It is clear however that the progress made in each country will have important consequences for the future of emissions trading in the Asia-Pacific region and worldwide.

Moderator:

Pat Concessi

Partner - Enterprise Risk,

Deloitte

Andrew Prag

Policy Analyst for Climate Change Experts Group , OECD

Madlen King

Global Head of Climate Change, Lloyd's Register Quality Assurance (LRQA)

Takashi Hongo

Director General and Special Advisor, Japan Bank for International Cooperation (JBIC)

Jean - Francois Roche

Director Carbon Finance, Project Finance Services - SGS

John Drexhage

Director Climate Change, International Council on Mining and Metals (ICMM)

Monitoring, Reporting and Verification are essential to convince stakeholders that low-carbon intentions are delivered. The international systems based around inventory and reporting at national level and the Kyoto Protocol machinery at project level are less dominate than they used to be. Trading schemes have MRV rules, but how do green investments outside those and outside the CDM show that they are delivering? Investors want green outcomes as well as conventional returns — this session looks at the means of convincing them that what happens on the ground is what the prospectus promised.

Moderator:

Ken Newcombe

Co-Founder and Chief Executive Officer,

C-Quest

Ogunlade Davidson*

Energy Minister,

Sierra Leone

Koffi Ekouevi

Sr Energy Specialist, Sustainable Energy Department, Energy Unit , The World Bank

Tba*

Global Alliance on Clean Cookstoves

Bernhard Zander

First Vice President KfW Carbon Fund , KfW

Expanding energy access to the poor in the developing countries in a sustainable way is one of the key challenges; 1.4 billion are still without access to electricity and 3 billion people continue to use solid fuels which cause serious environmental and health hazards. In spite of the climate impacts related to the use of biomass and fossil fuels in providing access, the mitigation opportunities that exist through carbon finance and other climate finance mechanisms has not been fully exploited due to a range of technological, operational and methodological barriers. Nevertheless, there are a few examples of such initiatives being put in place: Scaling Renewable Energy Program (SREP) of CIF; Global Alliance on Clean Cookstoves; Energy for All; etc. In this background, this session will examine i) the issues and challenges facing in utilizing climate finance to further energy access, and ii) some of the current initiatives that can be significantly scaled up by exploiting climate mitigation opportunities. The outcomes of these deliberations will be critical inputs to the preparations under way to showcase energy access at the Durban COP, where it is likely to be a principal theme, and on to Rio+20 in 2012, which has been declared as the UN Year of Energy Access.

11:30

Short Break

11:45 CDM at age 10: Lessons Learned Since Marrakesh and How They Inform Post-2012 Market-Mechanisms

Sala Actos

Moderator:

Dirk Forrister Principal,

Forrister Advisory

Su Wei*

Director General, Climate Change Department, National Development and Reform Commission, China Martin Hession

Chair, CDM Executive Board

Andrei Marcu

Chair, IETA WG on CDM, Mercuria Energy Group Paul Kelly

Chief Executive Officer, EcoSecurities

Alvaro Umana

Former Environment Minister, Costa Rica

In 2001, when the CDM Modalities and Procedures were inked in Marrakesh, the Parties were entering uncharted territory. The CDM is an international mechanism unlike any developed before. In a learning-by-doing process, the system has been repeatedly tested and further elaborated. Important lessons have been learned, especially concerning the challenges of demonstrating additionality, establishing baselines, and conducting project-based monitoring, reporting, and verification. In this session, panelists will draw on these experiences to consider lessons learned. They will offer reflections and recommendations on how to move forward, discussing ways these experiences may inform the development of market-based mechanisms beyond 2012.

Day 3 - Friday - 3 June (Cont.) 13:00 Buffet Lunch & Visit Carbon Expo Special Lunch Event - "CDM: Fit for the Future!" the Trade Fair Level 0 Sala Actos Tba* Ioëlle Chassard Manager, Carbon Finance Unit, James Cameron Vice-Chairman, World Bank Climate Change Capital Daniel Ortega* Director of Environment and Climate Change, Martin Hession Chair, CDM Executive Board Ministry of Foreign Affairs, Ecuador UK Department of Climate Change When it comes to catalyzing investment in low emissions technology, the Clean Development Mechanism is a true pioneer. Born from a simple idea over a decade ago, the CDM has developed into a professional regulatory system and an unprecedented instrument for the promotion of investment in cost-effective emission reductions. It has also been a model for international cooperation not only between countries but also between the public and private sector actors that have supported and invested in its success. Despite recent criticism, the CDM's track record of supporting the sustainable development goals of developing countries has been - when all is said and done - an un-paralleled success. This first-ever Carbon Expo Special Event will bring together several individuals who have been close to the CDM through the years to highlight and celebrate its successes to date and discuss what more can be accomplished so that it continues to be fit for the future Lunch will be served in the room after the event. Still Waiting? PrivateSsector Engagement with REDD + Today 14:00 Their Implementation Moderator: Moderator: Moderator: Ulrika Raab **Richard Saines** Neeraj Prasad Manager, Climate Change Practice, Senior Advisor, Climate Change, Partner, Swedish Energy Agency World Bank Institute Baker&McKenzie Mike Korchinsky **David Corregidor** Antoine Azar Global Program Manager, Deputy Director, Environment & Climate, Founder & Chief Executive Officer, The Coca-Cola Company Wildlife Works **ENDESA** Florian Sekinger Christian del Valle Cristina Regunay Vice-President, KfW Carbon Fund, Head Environmental Markets, Chief, Multilateral Investment Project Division, **BNP Paribas** Department of Environment and Natural Resources KfW Bankengruppe (DENR), Philippines Ousmane Fall SARR* **Andrew Grant** Derik Broekhoff Chief Executive Officer, Head, Studies and Information System Unit, Vice President, Policy, CO2 Group Senegalese Rural Electrification Agency (ASER) Climate Action Reserve Marisa Beck Analyst, Bloomberg New Energy Finance Jaime Rodriguez Senior Manager, **Charlotte Streck** Director, CLIMATEFOCUS Quemobasicos (CYSDA) This session will touch upon three major climate Over the past two years, optimism has been Five years after the introduction of PoAs by a COP/MOP decision in Montreal, 80 PoAs have change mitigation aspects in the field of high that a UNFCCC REDD+ Mechanism was entered the CDM cycle, while only 7 have been fluorocarbons or F-gases, which are widely used on the verge of creation. Private and public registered. Despite the interest and potential of in refrigeration and air conditioning but have a sector REDD enthusiasts alike were PoAs in particular for LDCs and poor regions of high global warming potential. On the committed to ensuring that the Mechanism developing countries the reach of PoAs is limited production end of the discussion, select panelists would both draw in private finance and be because of capacity constraints, financial barriers will exchange views on how an industry-led harmonized with public efforts. As we move and very limited revenue potential. While existing phase down of F-gases could be organized, further into 2011, REDD+ still doesn't have a regulatory imperfections on PoA CDM regulation including the potential of alternatives and home in international compliance markets, are not the only reason for the slow take off of 'natural refrigerants' like ammonia and however, leaving private investors without a POAs, an improvement of the regulation is clearly isobutene? The discussion on destruction of clear signal to put money into saving the a prerequisite for stimulating effective implemenindustrial gases will deal around two central world's forests. This panel will discuss the tation of PoAs. Most PoA rules are modifications questions. It will address the destruction of state of private sector engagement with of rules for single projects, thereby not appearing Ozone Depleting Substances (ODS) stockpiles REDD+ activities to date, including where and how carbon markets might contribute to to fully support the achievement of the PoA goals investment is going forward, where it's not, to reduce transaction costs and facilitate smaller incentivize their destruction. And, what and whether or not the demand will be there more widely dispersed projects. This session will incentives can the carbon market provide to for REDD+ credits if and when a Mechanism look at specific rules that could be revised to ensure the continuation of F-gas destruction is finally developed. improve implementation of PoAs. after Jan 1, 2013, when the CDM incentive to destroy F-gases will cease. 15:00 **Short Break**

Day 3 -Friday - 3 June (Cont.)

15:15

Insights from A/R CDM Projects: **Reforming Current Rules to expand LULUCF Opportunities**

CCS: Where are we oday in building

Emerging UN Climate Finance Design: How can it best deliver for all Actors?

Moderator: **Ellysar Baroudy** Fund Manager, BioCF, World Bank

Martin Perrier* Director General, **ONF** International

Sebastian Hetsch Forestry Expert, TUEV-SUED

Marcelo Rocha Senior Forestry Specialist, University of Sao Paulo

R.K. Kapoor

Addl. Principal Chief Conservator of Forests and Chief Project Director, HP Mid Himalayan Watershed Development Project, Solan H.P., India

Forest carbon projects have demonstrated that forest carbon finance can contribute to climate change mitigation while achieving important co-benefits in rural areas. At first, pioneer A/R CDM project developers encountered significant difficulties meeting regulatory requirements. Since its inception, some of the key A/R CDM rules and procedures have improved. Nowadays, after overcoming important technical barriers, many project developers are replicating and scaling-up their experiences. However, despite its potential, the A/R sector remains underdeveloped due to complex rules that challenge the capacities of project developers and affect the demand for LULUCF credits. In this session, experts will discuss important findings from implementation of A/R CDM projects in light of the ongoing debate on reforming CDM rules and new market-based strategies for climate change mitigation in the land-use and forestry sector.

Moderator:

Eric Drosin Director,

Zero Emissions Platform (ZEP)

Lee Solsbery

Global Technical Director for Energy and Climate Change, ERM

Richard Gledhill

Global Leader, Climate Change and Carbon Market Services, PricewaterhouseCoopers

Helle Juhler-Verdoner Vice President Global Affairs, Alstom Power

Jose Manuel Riesco Senior Researcher, Repsol

Matthew Townsend

Partner, Head of the London Environmental Law Practice, Allen & Overy

Carbon capture and storage (CCS), a technology that holds tremendous promise in reconciling growing global energy demand with aggressive greenhouse gas reduction targets, has experienced a number of highs and lows over the last year. Based on recent science, policy, and technology developments and trends, what are the current prospects for CCS technologies to move from small-scale demonstration to broader, commercial deployment? What market signals and special financing arrangements are sufficient to incentivize wide-scale investment in CCS? This panel will explore these issues and provide updates on CCS policy, legal, and technical developments across the globe.

Moderator: Jorg Hass

Director of Climate Diplomacy, **European Climate Foundation**

Jennifer Layke*

Director, Institute for Building Efficienc, Johnson Controls

Maria Netto

Climate Change Lead Specialist, Inter American Development Bank (IDB)

TBC*

General Electric (GE)

Paul Bodnar

Foreign Affairs Officer, US State Dept

Parties under the UNFCCC has have been making progress recently in the field of finance chiefly through the Green FinanceClimate Fund agreed at Cancun, whose Transitional Committee met recently in Mexico to start the work of detailed design proposal. In addition to this and the developing proposals for NAMAs, UNFCCC negotiation documents contain provisions for considering current and new market-based mechanisms, new non-market based mechanisms, and the promotion of investment that falls under the remit of the new Technology Transfer bodies, particularly the Technology Executive Committee. What will come out of these initiatives? What will they add up to in terms of finance for lowcarbon investment? How can they be shaped so they meet Government and private investors roles effectively, and what guidance constructive suggestions could be made to negotiators in taking them forward so they can make a real-world difference?

16:15 Short Break

Climate finance and the role of the private sector

16:30

Sala Actos

Moderator: TBA*

Dow Jones

Joan MacNaughton

Senior Vice-President of Power and Environmental Polic, Alstom Power

Gonzalo García Andrés

Director General, International Finance, Ministry of Finance and Economy, Spain

Vattenfall Energy Trading

Robert Casamento*

Senior Director of Sustainability Strategy,

Wayne Sharpe

Chief Executive Officer & Founder, Carbon Trade Exchange

The mobilization of US\$100 billion annually for climate purposes by 2020, an important political milestone, was closer to becoming a reality following negotiations in Cancun. However, just prior to COP-16, Ban Ki-Moon's High-Level Advisory Group on Climate Change Financing (AGF) announced that there are no "easy" means to generate such substantial financial flows. Many developed countries expect that more than half of this financing will be leveraged from the private sector, but no obvious means of moving the AGF's work forward have yet been identified. Expenditure on this scale will take an unprecedented amount of public-private collaboration, financial innovation, and political leadership. This session will discuss options for the private sector to contribute significant international financial flows by 2020 and beyond, strategies for successful public-private arrangements, and opportunities to build on the work of the AGF.

17:30 **Closing Addresses**

Sala Actos

Agustin Cordon FIRA de Barcelona TBA Koelnmesse TBA World Bank Henry Derwent

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

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