

# CARBON EXPO 2013

## Conference Program Overview



### Conference Program Legend

PLENARY SESSION

TRAINING SESSION

CARBON EXPO LUNCH DIALOGUES

POLICY STREAM

As policy makers and the global community work towards desirable and workable solutions to address the climate challenge at scale, a new carbon policy driven stream aims at promoting a broader topic for discussion, bringing at the table an audience of policy makers, regulators, private sector, scientific organizations, and civil society. This stream will evaluate different carbon pricing policy and regulatory measures necessary to support the transformation to a low-carbon economy (e.g., ETS, offsets, taxes, subsidies, etc), and address policy decisions required to foster private action. The discussions will be supported by lessons learned from empirical data, combined with an enhanced upstream and conceptual analysis of carbon pricing, including crediting mechanisms, tools to levelize domestic actions towards net-global emissions, and results-based financing instruments among others.

CLIMATE FINANCE STREAM

This stream will cover the gamut of climate finance commitments, players, products, and potential. Sessions touch on UNFCCC climate finance developments, including Green Climate Fund (GCF) and Standing Committee on Finance (SCF) activities, as well as private sector's role related to UN opportunities. Related sessions explore the state of climate finance frameworks, flows, and financial products. What lessons can be gleaned from the fast-start finance story? What are the main barriers, risks, and challenges associated with meeting climate finance targets? What's the appropriate role for public funds versus private capital to maximize investments in mitigation and adaptation? How can climate finance impacts and leveraging potentials be measured? What do climate finance "futures" look like – and how can business become a central character in this story?

CLEAN ENERGY & CLEAN TECH STREAM

Carbon Mitigation and Climate Adaptation requires tools beyond what the Carbon Markets can offer. With the web of Carbon Entrepreneurs and Policy Wizards seeded by the Kyoto experience, a new wave of businesses and policies are taking shape in both Developing and Developed economies. This stream will explore a myriad of topics ranging from the state of "CleanTech," to enhanced measures around conventional energies, energy efficiency and new incentives around mitigation and adaptation.

*The Conference Program may be subject to modifications*

#### Day 1 - Wednesday - 29 May

|       |  |   |   |
|-------|--|---|---|
| 08:00 | Registration & Visit the Trade Fair  |   |   |
| 08:30 |  | T1 - Inside the EU Decision Making Process<br>(organised by IETA) | T2 - Developing Programs Under New Market Mechanisms<br>(organised by the World Bank) |
| 09:00 | CARBON EXPO 2013   | Room 11, Level 0  | Room 12, Level 0  |
| 09:30 | Press Conference   |   |   |
| 09:45 | Room 4, Level 2  |   |   |
| 10:00 | CARBON EXPO 2013 Opening Ceremony  |   |   |
|       |  | Room 7, Level 3   |   |
| 11:00 | Short Break  |   |   |
| 11:15 | P1 - State & Trends: Mapping Carbon Pricing Initiatives Around the World                       |   |   |
|       |  | Room 7, Level 3   |   |
| 12:45 | Buffet Lunch & Visit the Trade Fair  |   |   |
| 14:00 | P2 - Climate Finance - Reaching the \$100 Billion: Key Players, Perspectives, and Expectations |   |   |
|       |  | Room 7, Level 3   |   |
| 15:15 | Coffee Break & Visit the Trade Fair  |   |   |
| 15:45 | P3 - Catalyzing a Globally Connected Carbon Market   |   |   |
|       |  | Room 7, Level 3   |   |
| 17:00 | Short Break  |   |   |
| 17:15 | P4 - 10th Anniversary Celebration Round Table "Learning from the Legends"                      |   |   |
|       |  | Room 7, Level 3   |   |
| 19:00 | CARBON EXPO 2013 "Meet the Carbon Market" Evening Reception                                    |   |   |

## Day 2 - Thursday - 30 May

|       |   |   |   |   |
|-------|---|---|---|---|
| 09:00 | P5 - Working Where it Matters: Developing Tailored Approaches to Climate Action in Cities             |   |   | Room 7, Level 3                                       |
| 10:15 | Coffee Break & Visit the Trade Fair   |   |   |   |
| 10:45 | W1 - Preparing for the Next Generation of Carbon Pricing Instruments                                  | W2 - Producing Powerful Incentives Through Results-Based Financing  | W3 - State of Clean Energy in 2013 - Policy Update & Market Briefing  | Room 6, Level 3<br>Room 5, Level 3<br>Room 3, Level 2 |
| 11:45 | Short Break   |   |   |   |
| 12:00 | W4 - A Post-Doha Look at the Framework for Various Approaches and New Market Mechanisms (FVA/NMM)     | W5 - Public and Private Climate Finance: Finding the Right Balance  | W6 - Driving Low-Emissions Development at the Sub-National Level: Experiences from the Field  | Room 6, Level 3<br>Room 5, Level 3<br>Room 3, Level 2 |
| 13:00 | Buffet Lunch & Visit the Trade Fair   | SD1 - CARBON EXPO Special Dialogue - The Business Partnership for Market Readiness (BPMR): Supporting Businesses and Sharing Best Business Practices in the Next Wave of Carbon Markets |   | Room 3, Level 2                                       |
| 14:00 | P6 - Maximizing the Potential for Green Investments: The Challenge of Effective Policy Implementation |   |   | Room 7, Level 3                                       |
| 15:15 | Coffee Break & Visit the Trade Fair   |   |   |   |
| 15:45 | W7 - CDM & JI – The Review Year and the Elephant in the Room  | W8 - Challenges and Opportunities Facing Adaptation Finance   | W9 - The Multiple Benefits of Climate Smart Agriculture   | Room 6, Level 3<br>Room 5, Level 3<br>Room 3, Level 2 |
| 16:45 | Short Break   |   |   |   |
| 17:00 | W10 - Room For More? Adding Complimentary Measures to the Carbon Policy Toolkit                       | W11 - NAMAs - Realizing Their Potential   | W12 - Engaging the Private Sector to Meet Growing Energy Demand: How can Market-Based Instruments Support Renewable Energy & Energy Efficiency? | Room 6, Level 3<br>Room 5, Level 3<br>Room 3, Level 2 |
| 18:00 |   |   |   |   |

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# CARBON EXPO 2013

## Conference Program

| Day 1 - Wednesday - 29 May |   |   |   |
|----------------------------|---|---|---|
| TIME                       |   |   |   |
| 08:30                      |   | Training 1  | Training 2  |
| 09:00                      | <b>CARBON EXPO 2013 Press Conference</b><br>Facilitator:<br><b>Isabel Hagbrink</b><br>Senior Communications Officer<br>World Bank<br><br><b>Dirk Forrister</b><br>President & Chief Executive Officer<br>International Emissions Trading Association (IETA)<br><br><b>Alexandre Kossoy</b><br>Senior Financial Specialist<br>World Bank   | <b>T1 - Inside the EU Decision Making Process</b><br>(organised by IETA)<br><br>This training session is targeted to those interested in the EU ETS and in better understanding the decision-making process in Brussels. We recently saw the influence of the European Parliament's plenary and Committee votes in the 'backloading' debate, as well as decisions taken by the Council's working party meetings or at the COREPER level. Any political decision needs to go through many hoops before being adopted and this can have huge implications for market operators. Come and gather intel on how decisions are taken, who is influential, what arguments are most listened to by MEP, Member State representatives, or national experts.<br><br>Moderator:<br><b>Edwin Aalders</b><br>Business Development Manager<br>DNV Accredited Climate Change Services<br><br><b>Konrad Hanschmidt</b><br>Carbon Markets Analyst - EU ETS<br>Bloomberg New Energy Finance<br><br><b>Renato De Filippo*</b><br>Head of Climate Unit<br>Eni<br><br><b>David Lunsford</b><br>Climate Policy Consultant<br>Perspectives | <b>T2 - Developing Programs Under New Market Mechanisms</b><br>(organised by the World Bank)<br><br>How to stimulate development of piloting programs under the New Market Mechanisms (NMM)? The panelists will provide the perspectives of the host countries, private sector and development institutions on the main pre-requisites for selection and designing of programs under the NMM. The discussion will also explore the best ways to use existing experience and institutional capacity while focusing on the added value that piloting could bring to help shaping the nascent features of the new market mechanisms.<br><br>Moderator:<br><b>Alexandrina Platonova-Oquab</b><br>Senior Carbon Finance Specialist<br>World Bank<br><br><b>Ash Sharma</b><br>Vice President, Carbon Finance and Funds<br>Nordic Environment Finance Corporation (NEFCO)<br><br><b>Luis Muñozcano</b><br>Director, Climate Change, Ministry of the Environment and Natural Resources, Mexico<br><br><b>Gareth Phillips</b><br>Chief Climate Change Officer<br>Sindicatum Sustainable Resources<br><br><b>Matthias Bömer</b><br>Principal Manager<br>KfW Carbon Fund |
|                            | Room 4, Level 2   | Room 11, Level 0  | Room 12, Level 0  |
| 09:30                      |   |   |   |
| 09:45                      |   |   |   |
| 10:00                      | <b>CARBON EXPO 2013 Opening Ceremony</b>  |   |   |
|                            | <div> <i>Co-Organizers Welcome Addresses</i><br/> <b>Josep Lluís Bonet</b><br/> President, Governing Board,<br/> Fira Barcelona<br/><br/> <b>Mary A. Barton-Dock</b><br/> Director, Climate Policy and Finance,<br/> World Bank<br/><br/> <b>Dirk Forrister</b><br/> President &amp; Chief Executive Officer,<br/> International Emissions Trading Association (IETA)<br/><br/> <i>Host Country Welcome Addresses</i><br/> <b>Antoni Vives</b><br/> Third Deputy Mayor<br/> City Hall of Barcelona<br/><br/> <b>Santi Vila</b><br/> Councillor for Territory and Sustainability,<br/> Government of Catalonia </div> <div> <i>Keynote Addresses</i><br/> <b>Christiana Figueres</b><br/> Executive Secretary,<br/> UNFCCC<br/><br/> <b>Miguel Arias Cañete</b><br/> Minister of Agriculture, Food and Environment,<br/> Spanish Government </div> |   |   |
|                            | Room 7, Level 3   |   |   |
| 11:00                      | <b>Short Break</b>  |   |   |

\* - Invited, pending confirmation

| TIME  | Day 1 - Wednesday - 29 May  |
|-------|---|
| 11:15 | <b>P1 - State &amp; Trends: Mapping Carbon Pricing Initiatives Around the World</b> <p><b>Moderator:</b></p> <p><b>Dirk Forrister</b><br/>President &amp; Chief Executive Officer<br/>International Emissions Trading Association (IETA)</p> <p><b>Joëlle Chassard</b><br/>Manager, Carbon Finance Unit<br/>World Bank</p> <p><b>Anthea Harris</b><br/>Chief Executive Officer<br/>Climate Change Authority, Australian Government</p> <p><b>Alyssa Gilbert</b><br/>Senior Unit Manager, Market-Based Mechanisms<br/>Ecofys</p> <p><b>Fernando Tudela</b><br/>Former Undersecretary of the Environment<br/>Mexico</p> <p><b>Jaime Martin Juez</b><br/>Global Director Safety and Environment<br/>Repsol</p> <p><b>Berthold Goeke</b><br/>Head of Directorate E II - Climate Policy<br/>German Federal Ministry for the Environment</p> <p>GHG emissions in developed nations shrunk since 2009, alongside the economic downturn and financial crises in their economies. Since then, forecasts indicate that the Kyoto and European markets are oversupplied, and the absence of tangible long-term solutions for those markets led carbon prices to reach historic lows in 2013. At the same time, carbon market initiatives at regional and domestic levels have gained increasing traction in both developed and developing countries. Several carbon market initiatives are on the table with the main objectives of getting the right price for carbon and stimulating climate-smart financial flows. This plenary aims to assess where we stand and possible future scenarios in those discussions.</p> <p>Room 7, Level 3</p>      |
| 12:45 | <b>Buffet Lunch &amp; Visit the Trade Fair</b>  |
| 14:00 | <b>P2 - Climate Finance - Reaching the \$100 Billion: Key Players, Perspectives, and Expectations</b> <p><b>Moderator:</b></p> <p><b>Richard Gledhill</b><br/>Head of Climate Change and Carbon Market Services<br/>PricewaterhouseCoopers</p> <p><b>Christiana Figueres</b><br/>Executive Secretary<br/>UNFCCC</p> <p><b>Stefan Schwager</b><br/>Co-Chair<br/>UN Standing Committee on Finance</p> <p><b>Diann Black Layne</b><br/>Co-Chair<br/>UN Standing Committee on Finance</p> <p><b>Federico Ramos</b><br/>State Secretary for Environment<br/>Ministry of Agriculture, Food and Environment, Spain</p> <p><b>Barbara Buchner</b><br/>Director<br/>Climate Policy Initiative (CPI)</p> <p><b>Abyd Karmali</b><br/>Managing Director, Global Head of Carbon Markets<br/>Bank of America Merrill Lynch</p> <p>The UN Standing Committee on Finance (SCF) and the Green Climate Fund (GCF) are tasked with playing integral roles in realizing ambitious climate finance commitments. Unprecedented work that requires deep research, engagement, and 'testing' with non-government stakeholders. This unique plenary will showcase public, private, and multi-lateral perspectives behind the SCF and GCF, and how to realize the annual \$100 billion commitment into mitigation and adaptation activities by 2020. Discussion touches on reviewing the landscape of most relevant institutions providing climate finance, business model framework options and resource mobilization, opportunities and challenges for the SCF Forum, and climate finance expectations heading into Warsaw and beyond.</p> <p>Room 7, Level 3</p> |
| 15:15 | <b>Coffee Break &amp; Visit the Trade Fair</b>  |
| 15:45 | <b>P3 - Catalyzing a Globally Connected Carbon Market</b> <p><b>Moderator:</b></p> <p><b>Neeraj Prasad</b><br/>Manager, Climate Change Practice<br/>World Bank Institute</p> <p><b>Robert Owen-Jones</b><br/>Assistant Secretary, Global Markets Branch<br/>Department of Climate Change and Energy Efficiency,<br/>Australian Government &amp; Co-Chair, Partnership for Market Readiness (PMR)</p> <p><b>Dirk Forrister</b><br/>President &amp; Chief Executive Officer<br/>International Emissions Trading Association (IETA)</p> <p><b>David Hone</b><br/>Group CO2 Advisor<br/>Shell</p> <p><b>Lars Zetterberg</b><br/>Senior Scientist and Director, Business Development<br/>IVL Swedish Environmental Research Institute</p> <p><b>David Antonioli</b><br/>Chief Executive Officer<br/>VCS Association</p> <p>A predictable carbon price is part of the answer to avoiding a 4 degrees world. Although the current system was successful in demonstrating that pricing carbon can redirect investment flows into low-carbon investments, it is limited in scope and structure to deliver emissions reductions at scale. A global carbon market in the future is more likely to be a linked network of domestic and regional schemes. What do we need to do to lay the groundwork for such a global networked market?</p> <p>Room 7, Level 3</p>   |
| 17:00 | <b>Short Break</b>  |



| TIME  | Day 1 - Wednesday - 29 May  |
|-------|---|
| 17:15 | <b>P4 - 10th Anniversary Celebration Round Table "Learning from the Legends"</b> <p><b>Moderator:</b></p> <p><b>Henry Derwent</b><br/>Senior Climate Change Consultant &amp; Honorary Vice President<br/>International Emissions Trading Association (IETA)</p> <p><b>Christiana Figueres</b><br/>Secretary General<br/>UNFCCC</p> <p><b>Jos Delbeke</b><br/>Director General for Climate Action<br/>European Commission</p> <p><b>Raúl Estrada-Oyuela</b><br/>Chairman, Kyoto Conference of the Parties, UNFCCC &amp; Former Vice-Chairman of the Intergovernmental Negotiating Committee for a Framework Convention on Climate Change (INC/FCCC)<br/>Argentina</p> <p><b>Luiz Gylvan Meira Filho</b><br/>Former Adviser to the Brazilian Government in the UNFCCC and Kyoto Protocol Process &amp; Former Co-Chair, IPCC Science Working Group<br/>Brazil</p> <p><b>Ken Newcombe</b><br/>Chief Executive Officer - C-Quest Capital<br/>&amp; Former Manager, Carbon Finance Business - World Bank</p> <p>As the global community intensifies negotiations on a post 2020 climate agreement, the task seems daunting. Economic crisis and recovery vs. climate crisis and green growth opportunities. Diplomats must rise above their political differences to chart a path forward and blend most economically efficient mitigation options with solutions that are politically viable and sustainable. In another decade and another century, a group of climate diplomats created international environmental history by producing the Kyoto Protocol, with its Clean Development Mechanism, Joint Implementation Program and international emissions trading. These mechanisms launched a global business in climate mitigation that unleashed more action on climate mitigation than ever before. But it was only a start – and much more work is needed. This session will bring back climate diplomats who delivered the Kyoto Protocol to offer insights for future negotiations.</p> <p>Room 7, Level 3</p> |
| 18:45 |   |
| 19:00 | <b>CARBON EXPO 2013 "Meet the Carbon Market" Evening Reception</b> <p><b>The 10th anniversary of CARBON EXPO</b> is a reason for celebration and that's why we're preparing the best "Meet the Carbon &amp; Energy Market" evening event in the show's history.</p> <p>A new venue by the sea, first-class catering, refreshing drinks and a spectacular setting will give the evening the perfect atmosphere for meeting with business and public sector partners, and celebrate an unforgettable 2013 event.</p> <p><b>A new venue that exudes charm and history</b></p> <p>On this very special occasion, we have chosen a new and very special venue: Les Drassanes Reials de Barcelona. This historical building at the heart of the city was originally designed for naval construction and over the years a large section was given over to house the Barcelona Maritime Museum, which now occupies the building in its entirety.</p> <p>The building stands in an outstanding location on the maritime facade of Barcelona at the foot of the mountain of Montjuïc, allowing you to discover all the charm of the most Mediterranean section of the city.</p> <p><b>How to get there</b></p> <p>The Drassanes Reials de Barcelona are not far from the Exhibition Centre and there are various means of getting there:</p> <p><b>By bus:</b> free shuttle bus will take visitors and exhibitors from the exhibition center to the doors of the Drassanes Reials de Barcelona.</p> <p><b>Pick-up point:</b> The shuttle bus stop will be in front of the main entrance of Hall 5, indicated by a bus-stop post. Times: 18:30 to 21:30h from Fira Barcelona to Drassanes Reials de Barcelona.</p> <p><b>By underground:</b> Line 3 (the green line) in Plaça Espanya will take you to the Drassanes station just three stops along.</p> <p><b>By walk:</b> It takes 20 minutes to walk to the Drassanes Reials de Barcelona down Avinguda Paral·lel.</p>  |

| TIME  |  | Day 2 - Thursday - 30 May   |   |  |                 |
|-------|--|---|---|--|-----------------|
| 09:00 | P5 - Working Where it Matters: Developing Tailored Approaches to Climate Action in Cities  |   |   |  |                 |
|       | <p><b>Moderator:</b></p> <p><b>Edoardo Croci</b><br/>Former Deputy Mayor<br/>City of Milan, Italy</p> <p><b>Antoni Vives</b><br/>Deputy Mayor for Urban Habitat<br/>Barcelona City Council</p> <p><b>Kenji Suzuki</b><br/>Director, International Environment<br/>Bureau of Environment Tokyo Metropolitan Government</p> <p><b>Cristiana Fragola</b><br/>Regional Director for Europe<br/>C40 Cities Climate Leadership Group</p> <p><b>B.M.S. Batagoda</b><br/>Deputy Secretary to the Treasury<br/>Ministry of Finance and Planning, Sri Lanka</p> <p>By 2050, global urban population is estimated to grow to 6.4 billion. Annual GHG emissions of the world's largest 100 cities are equivalent to an estimated 75% of emissions in EU countries. Scaling up actions for low carbon city development would substantially reduce emissions and enhance resilience. Working with cities matters: what is needed to trigger climate action at scale? Panelists will discuss mitigation potential and options in cities as well as different alternatives to strengthen resilience, present solutions that cities need, and how to catalyze financing for low-carbon city development</p>   |   |   |  | Room 7, Level 3 |
| 10:15 | Coffee Break & Visit the Trade Fair  |   |   |  |                 |
| 10:45 | Policy Stream  | Climate Finance Stream  | Clean Energy & Clean Tech Stream  |  |                 |
|       | <p><b>W1 - Preparing for the Next Generation of Carbon Pricing Instruments</b></p> <p><b>Moderator:</b></p> <p><b>Juan Pedro Searle</b><br/>Co-chair, Partnership for Market Readiness &amp; Sustainable Development Office,<br/>Ministry of Energy, Chile</p> <p><b>Wang Shu</b><br/>Deputy Director, Climate Change Department<br/>National Development and Reform Commission,<br/>People's Republic of China</p> <p><b>Karl Upston-Hooper</b><br/>Legal Counsel<br/>Greenstream</p> <p><b>Giles Dickson</b><br/>Vice President, Environmental Policies &amp; Global Advocacy<br/>Alstom</p> <p><b>Ramazan Aslan</b><br/>Advisor<br/>Ministry of Environment and Urbanization<br/>Turkey</p> <p>An increasing number of countries which represent very diverse economies are evaluating and piloting innovative approaches to cost-effective greenhouse gas mitigation, including domestic emissions trading schemes, new carbon crediting instruments, and carbon taxes. They are all laying the groundwork for a predictable price on carbon, but keeping track of these trends and developments is not easy. Panelists will review the emergence of regional or domestic initiatives in this new generation of countries taking action towards climate change, what the drivers and opportunities behind this bottom-up process might be, and what challenges the current generation of carbon markets can help overcome.</p> | <p><b>W2 - Producing Powerful Incentives Through Results-Based Financing</b></p> <p><b>Moderator:</b></p> <p><b>Paul Bodnar</b><br/>Foreign Affairs Officer<br/>United States State Department</p> <p><b>Alvaro Umaña</b><br/>Advisor<br/>Ministry of Environment and Energy, Costa Rica</p> <p><b>Rupert Edwards</b><br/>Managing Director<br/>Climate Change Capital</p> <p><b>Pernille Holtedahl</b><br/>Principal Consultant<br/>DNV KEMA</p> <p><b>Liane Schallatek</b><br/>Associate Director<br/>Heinrich B. I. Stiftung</p> <p>Performance-based payments produce powerful incentives and can often result in effective robust project implementation structures. Panelists will introduce different forms of results-based financing and how it can interact with other forms of finance to generate opportunities in climate markets with significant development co-benefits. They will share lessons learned in designing and implementing existing programs and discuss the potential specifically for methane as well as for broadening its application in order to achieve sustained and recurrent climate investment.</p> | <p><b>W3 - State of Clean Energy in 2013 - Policy Update &amp; Market Briefing</b></p> <p><b>Moderator:</b></p> <p><b>Scott McGregor</b><br/>Chief Executive Officer<br/>Camco Clean Energy</p> <p><b>Guy Turner</b><br/>Global Head of Clean Energy Policy<br/>Bloomberg New Energy Finance</p> <p><b>Kristian Tangen</b><br/>Co-Founder<br/>Differ Group</p> <p><b>Laura Natalia Rojas Sánchez</b><br/>Senior Energy Analyst, Energy Division<br/>Inter-American Development Bank</p> <p><b>José Luis Tejera</b><br/>Director, Development and Climate Change Unit<br/>AENOR</p> <p>The world's clean energy investment &amp; deployment landscape has undergone dramatic changes in recent years. Join this special session to learn more about current and projected trends in global clean energy investment and deployment; key economic, policy, and technology factors that are driving these developments; how major markets, like the US, Europe, China, and India, are enabling or impeding clean energy deployment; how different types of investors are evaluating various clean energy project risks and opportunities; and more.</p> |  |                 |
|       | Room 6, Level 3  | Room 5, Level 3   | Room 3, Level 2   |  |                 |
| 11:45 | Short Break  |   |   |  |                 |

| TIME  |  |  |  | Day 2 - Thursday - 30 May |   |  |  |
|-------|--|--|--|---------------------------|---|--|--|
| 12:00 | Policy Stream  |  | Climate Finance Stream   |                           | Clean Energy & Clean Tech Stream  |  |  |
|       | <p><b>W4- A Post-Doha Look at the Framework for Various Approaches and New Market Mechanisms (FVA/NMM)</b></p> <p><b>Moderator:</b></p> <p><b>Arne Eik</b><br/>Leading Advisor on Climate, Corporate Sustainability Unit, Statoil</p> <p><b>Daniel Ortega</b><br/>Director, Environment and Climate Change Ministry of Foreign Affairs, Trade and Integration, Ecuador</p> <p><b>Giza Gaspar Martins</b><br/>Chair, DNA Forum &amp; Coordinator CDM Designated National Authority, Angola</p> <p><b>Andrew Prag</b><br/>Environment Directorate OECD</p> <p><b>Madlen King</b><br/>Global Head of Climate Change &amp; Sustainability Lloyd's Register Quality Assurance</p> <p><b>Yuji Mizuno</b><br/>Director for International Negotiations, Climate Change Policy Division Ministry of the Environment, Japan</p> <p>The new framework (FVA) that facilitates the further development of market-based instruments and allows linking of those that already exist must be attractive to all key actors: developing countries, developed countries, and investors. The design will have an important impact on the ability of the FVA to achieve this. The FVA now under discussion at the UNFCCC, in combination with plans for a New Market Mechanism (NMM) under the Convention, offers the opportunity to deliver such a global market that could then sit at the heart of the new agreement negotiated under the ADP. Will this be a boom or a burden on the carbon market?</p> |  | <p><b>W5 - Public and Private Climate Finance: Finding the Right Balance</b></p> <p><b>Moderator:</b></p> <p><b>Katie Sullivan</b><br/>Director - North America Policy and International Climate Finance International Emissions Trading Association (IETA)</p> <p><b>Jean Yves Caneill</b><br/>Head of Environmental Affairs EDF Group</p> <p><b>Jose Juan Gomes</b><br/>Chief Economist and Manager of the Research Department Inter-American Development Bank (IADB)</p> <p><b>Anthony Hobley</b><br/>President Climate Markets &amp; Investors Association (CMIA)</p> <p><b>Takashi Hongo</b><br/>Senior Fellow Mitsui Global Strategic Studies Institute</p> <p>If the international community is committed to financing large-scale mitigation of GHG and adaptation to climate change, multi-sector discussion must focus on building architecture that enables practical solutions capable of utilizing the full spectrum of instruments which could be deployed on a blended basis. Public policy and finance play a crucial role in creating an incentive framework for private flows while private initiatives are essential to raise resources on a large enough scale. This session will hear from international climate finance experts on potential barriers for mobilization and delivery of public climate funding, while exploring private sector solutions and alternative paradigms that might drive massive sums of private sector financial flows into mitigation and adaptation activities. Panellists will share insights into how financial instruments, business models and incentives can provide for scaled, efficient climate finance across the globe.</p> |                           | <p><b>W6 - Driving Low-Emissions Development at the Sub-National Level: Experiences from the Field</b></p> <p><b>Moderator:</b></p> <p><b>Adrian Rimmer</b><br/>Chief Executive Officer The Gold Standard Foundation</p> <p><b>Manel Torrent</b><br/>Projects Director Barcelona Energy Agency</p> <p><b>Abdelmourhit Lahbabi</b><br/>President ADS Maroc</p> <p><b>Miguel Rescalvo</b><br/>Regional Director DNV KEMA Energy &amp; Sustainability</p> <p><b>Qingqing Li</b><br/>Carbon Accounting Centre Shanghai Environment and Energy Exchange</p> <p>Amidst uncertainty in the international climate regulatory landscape, sub-national governments are moving ahead with bold climate policies and market-based approaches to Low Emissions Development. This session will highlight experiences from the field with presentations from cities and states that are driving the low-carbon agenda at the local scale by putting into action innovative ideas with global implications.</p> |  |  |
|       | Room 6, Level 3  |  | Room 5, Level 3  |                           | Room 3, Level 2   |  |  |
| 13:00 | Buffet Lunch & Visit the Trade Fair  |  | CARBON EXPO Special Dialogue   |                           |   |  |  |
|       |  |  | <p><b>SD1 - The Business Partnership for Market Readiness (BPMR): Supporting Businesses and Sharing Best Business Practices in the Next Wave of Carbon Markets</b></p> <p><b>Moderator:</b></p> <p><b>Mark Proegler</b><br/>Climate and Transport Energy Policy BP</p> <p><b>Zhuli Hess</b><br/>Director Verified Carbon Standard (VCS), China</p> <p><b>Xueman Wang</b><br/>PMR Secretariat World Bank</p> <p><b>Madlen King</b><br/>Global Head of Climate Change &amp; Sustainability Lloyd's Register Quality Assurance</p> <p>Towards the end of 2012, and following on the success of the World Bank's Partnership for Market Readiness (PMR), IETA launched a new "Business Partnership for Market Readiness" (B-PMR) to create a new initiative to help businesses in the PMR countries meet the challenges of emissions trading and market based policy tools. IETA aims to enhance the potential for workable international carbon trading models to emerge around the world, to raise the level of understanding and awareness of industries on emissions trading and other market-based policy tools in PMR-implementing countries. This is being done in concert with the host governments of each BPMR country, the World Bank and PMR donor countries. This special lunch dialogue will explore how the BPMR works, gather feedback on the 1st Mission in Guangdong, China, and seek feedback from the audience on how to strengthen to BPMR going forward.</p>   |                           | <p><b>Martijn Wilder</b><br/>Partner &amp; Head of Global Environmental Markets and Climate Change Practice Baker &amp; McKenzie</p> <p><b>Eric Boonman</b><br/>Head of Sourcing Statkraft Global Carbon</p>  |  |  |
| 14:00 |  |  |  |                           | Room 3, Level 2   |  |  |

\* - Invited, pending confirmation



| TIME  |   | Day 2 - Thursday - 30 May   |  |   |
|-------|---|---|--|---|
| 14:00 | P6 - Maximizing the Potential for Green Investments: The Challenge of Effective Policy Implementation   |   |  |   |
|       | <p><b>Moderator:</b></p> <p><b>Derek Batte</b><br/>Senior Manager, New Business Development<br/>South African National Energy Development Institute (SANEDI)</p> <p><b>Alicia Montalvo</b><br/>Director, Infrastructure, Environment, Energy &amp; ITCs Division<br/>ICEX Spain Trade and Investment, Ministry of Economy &amp; Competitiveness</p> <p><b>S Raghupathy</b><br/>Executive Director<br/>Confederation of Indian Industry</p> <p><b>Ronat Heuberger</b><br/>Chief Executive Officer, South Pole Group<br/>Social Entrepreneur, WEF</p> <p>Transitioning to a pathway of Green Growth is becoming increasingly important as climate change poses major challenges to development. As countries explore innovative and cost-effective Green Growth Policies to scale-up emissions reductions and foster private sector investment, they are also facing unique challenges in effectively implementing these policies. In this session, panelists will share emerging experience and key insights into the challenges and opportunities in truly harnessing the green growth potential.</p>   |   |  | <p><b>Luiz Maurer</b><br/>Principal Industry Specialist<br/>Climate Business Group, IFC</p> <p><b>Rocío del Peral</b><br/>Head of International Cooperation for Sustainable Urban and Housing Programs<br/>National Housing Commission (CONAVI), Mexico</p> |
|       |   |   |  | Room 7, Level 3   |
| 15:15 | Coffee Break & Visit the Trade Fair   |   |  |   |
| 15:45 | Policy Stream   | Climate Finance Stream  | Clean Energy & Clean Tech Stream   |   |
|       | <p><b>W7 - CDM &amp; JI – The Review Year and the Elephant in the Room</b></p> <p><b>Moderator:</b></p> <p><b>Jeffrey Swartz</b><br/>Director, International Policy<br/>International Emissions Trading Association (IETA)</p> <p><b>Thomasz Chruszczow</b><br/>Special Envoy for Climate Change<br/>Ministry of Environment, Poland</p> <p><b>Robin Rix</b><br/>Lead, Strategy Development<br/>UNFCCC</p> <p><b>Flavio Gomes</b><br/>Business Unit Manager, Assurance<br/>Bureau Veritas</p> <p><b>Dicky E. Hindarto</b><br/>Coordinator, Carbon Trading Mechanism Division<br/>National Council on Climate Change, Indonesia</p> <p><b>Pedro Martins Barata</b><br/>Board Member<br/>Get2c</p> <p>Governments will spend the year under the UNFCCC taking a deep look at the CDM and JI and the experiences it yielded. What this review then brings to COP 19 in Warsaw is uncertain: What role will the CDM and JI play in a new climate agreement and what supporters does it have? Will Australia's link to the EU restore confidence in Brussels for these mechanisms? This debate-and discussion-will try to answer those questions. In any case, the CDM and JI still remain but their glory days have long gone. This session will try to answer the elephant in the room: What next?</p> | <p><b>W8 - Challenges and Opportunities Facing Adaptation Finance</b></p> <p><b>Moderator:</b></p> <p><b>Ana Fornells</b><br/>Coordinator, International Affairs Division,<br/>Ministry of Agriculture, Food and Environment,<br/>Spain &amp; Former Chair, Adaptation Fund Board</p> <p><b>Peter Odhengo</b><br/>Executive Coordinator<br/>Greening Kenya Initiative</p> <p><b>Jorge Barrigh</b><br/>General Director<br/>Ecoresources</p> <p><b>Gray Taylor</b><br/>Co-Chair, Climate Change &amp; Emissions Trading<br/>Bennett Jones</p> <p><b>Monica Araya</b><br/>LAC Regional Coordinator, LEDS Global<br/>Partnership &amp; Senior Advisor, Climate Finance<br/>Ministry of Environment and Energy, Costa Rica</p> <p>There's no denying that climate change impacts have started to rear their ugly - and costly - heads worldwide. Despite widespread agreement that adaptation measures matter – as much as, if not more than, mitigation activities – there's anything but agreement around the potential costs of adaptation, as well as how such measures will be financed. Governments have a significant role to play in financing adaptation. But, for reasons explored during this session, public funds can't be the only solution to the adaptation challenge. Join this session to learn more about: the quest to drive private capital into adaptation activities; innovative adaptation finance instruments and scale-up potential; and the latest on climate-resilient "enabling frameworks", cropping up across regions and sectors.</p> | <p><b>W9 - The Multiple Benefits of Climate Smart Agriculture</b></p> <p><b>Moderator:</b></p> <p><b>Ellysar Baroudy</b><br/>Manager, BioCarbon Fund<br/>The World Bank</p> <p><b>Christopher Webb</b><br/>Carbon Markets and Forest Carbon Specialist<br/>PwC</p> <p><b>Ana Meyer</b><br/>Carbon Manager<br/>Green Resources</p> <p><b>Karla Canavan</b><br/>Commercial Director<br/>Bunge Environmental Markets</p> <p><b>Rob Fowler</b><br/>Policy Director, Australia &amp; New Zealand<br/>International Emissions Trading Association (IETA)</p> <p>Providing food for a growing population at a time of climate change is becoming an increasingly major challenge – agricultural production must increase by 70 percent in order to fill the needs of food security. Yet due to the large emissions from the agricultural sector, countries need to find ways that make agriculture emit less and produce more. How can countries support innovative approaches that incentivizes climate-smart agricultural techniques that increase farm productivity and incomes, make agriculture more resilient to climate change, while also contributing to mitigation?</p> |   |
|       | Room 6, Level 3   | Room 5, Level 3   | Room 3, Level 2  |   |
| 16:45 | Short Break   |   |  |   |

| TIME  |  |  |  | Day 2 - Thursday - 30 May |  |  |  |
|-------|--|--|--|---------------------------|--|--|--|
| 17:00 | Policy Stream  |  | Climate Finance Stream   |                           | Clean Energy & Clean Tech Stream   |  |  |
|       | W10 - Room For More? Adding Complementary Measures to the Carbon Policy Toolkit  |  | W11 - NAMAs - Realizing Their Potential  |                           | W12 - Engaging the Private Sector to Meet Growing Energy Demand: How can Market-Based Instruments Support Renewable Energy & Energy Efficiency?  |  |  |
|       | <b>Moderator:</b><br><b>Katie Kouchakji</b><br>Editor, Carbon Finance<br>Environmental Finance<br><br><b>Tom Lawler</b><br>Director, US Policy<br>International Emissions Trading Association (IETA)<br><br><b>Marcus Ferdinand</b><br>Senior Market Analyst<br>Point Carbon Thomson Reuters<br><br><b>Matthew Gray</b><br>Lead Emissions Analyst<br>Jefferies Bache<br><br><b>Alexandre Marty</b><br>Head of Policy, Carbon and Environmental Markets<br>EDF Trading  |  | <b>Moderator:</b><br><b>Miriam Hinojosa</b><br>Head of Programme, Energy & Carbon Finance<br>UNEP Risoe Centre<br><br><b>Claudio Forner</b><br>Team Leader, Mitigation, Data & Analysis<br>UNFCCC Secretariat<br><br><b>Gabriela Pignataro</b><br>Ministry of Housing, Territorial Planning and Environment<br>Uruguay<br><br><b>Sebastian Hach</b><br>International Climate Policy<br>KfW Development Bank<br><br><b>Marc André Marr</b><br>Director<br>Perspectives  |                           | <b>Moderator:</b><br><b>James Whale</b><br>Director of Point Carbon Advisory Services<br>Commodities and Energy<br>Thomson Reuters Point Carbon<br><br><b>Oliver Weissbein</b><br>Energy and Environment Group<br>UNDP<br><br><b>Aldo Baietti</b><br>Lead Infrastructure Specialist<br>World Bank<br><br><b>Fernando Cubillos</b><br>Manager<br>Antuko Energy, Chile<br><br><b>Chaiwat Muncharoen</b><br>Deputy Executive Director<br>Thailand Greenhouse Gas Management Organization (TGO)  |  |  |
|       | <p>Carbon markets rarely exist in a vacuum. Indeed, they must fit alongside other measures targeting transportation fuels, renewable energy deployment, energy efficiency measures and many other government policies. This has an impact on carbon markets and prices faced by covered entities. Governments must ensure transparency in the carbon price signal sent to industry, and avoid adding unnecessary complexity to the marketplace. Co-ordination and simplicity are critical to build a successful framework of national climate and energy policies. Complementary measures are already impacting functioning markets in Europe and California, as well as the Kyoto mechanisms. This discussion will look at the regulatory environment for the global carbon market in 2013-with specific interventions from experts in these markets.</p> |  | <p>Nationally Appropriate Mitigation Actions - NAMAs - are becoming a widely used instrument to promote low emissions development interventions. Governments, international development banks and private companies are testing various approaches to the design of NAMAs. Several countries have made initial NAMA submissions to the UNFCCC, offering useful precedents, while others are currently piloting NAMA programs with the support of donor agencies. Panelists will share main insights gained from experience on the ground so far, and discuss key issues and challenges to bring proposals and prototypes to actual implementation.</p> |                           | <p>In the wake of an increasing demand for energy, renewable sources of energy and the use of energy efficiency technologies will play an important role in the world's energy markets. The development of renewable energy and the use of energy efficient technologies largely rely on effective public policy strategies that also involve the private sector. This session focuses on market based policy instruments for renewable energy and energy efficiency. It discusses innovative policy options such as renewable energy credits (RECs) and competitive procurement, that have been proven useful in order to engage private sector stakeholders.</p> |  |  |
|       | Room 6, Level 3  |  | Room 5, Level 3  |                           | Room 3, Level 2  |  |  |
| 18:00 |  |  |  |                           |  |  |  |

\* - Invited, pending confirmation

| TIME  |  | Day 3 - Friday - 31 May   |   |
|-------|--|---|---|
| 09:00 | Policy Stream  | Climate Finance Stream  | Clean Energy & Clean Tech Stream  |
|       | W13 - NAMAs and Carbon Markets   | W14 - Africa - Innovation in Carbon Finance to Support Access to Energy and Other Poverty Reducing Technologies   | W15 - Up & Away: Aviation's Low-Carbon Technologies, Costs, Politics/Policies, and Market Measures  |
|       | <p><b>Moderator:</b></p> <p><b>Frauke Röser</b><br/>Managing Consultant, International Climate Policies Ecofys</p> <p><b>Luis Muñozcano</b><br/>Director, Climate Change<br/>Ministry of the Environment and Natural Resources, Mexico</p> <p><b>Ash Sharma</b><br/>Vice President, Carbon Finance and Funds NEFCO</p> <p><b>Eduardo Dopazo</b><br/>Senior Advisor<br/>DNV KEMA Energy &amp; Sustainability</p> <p><b>Philipp Hauser</b><br/>Vice President Carbon Markets<br/>GDF SUEZ Energy Latin America</p> <p>What is a 'credited NAMA'? An area that remains ambiguous in the international climate policy discussions is the relationship between NAMAs and carbon markets. At the same time, more and more developers of mitigation programs across sectors are assessing approaches to generate tradable carbon credits as a source of revenues for their NAMAs. Climate policy thought leaders and development practitioners will sit together to discuss NAMA crediting against the background of international policy considerations, technical challenges and market expectations.</p> | <p><b>Moderator:</b></p> <p><b>Brice Quesnel</b><br/>Fund Manager, Carbon Initiative for Development The World Bank</p> <p><b>Ola Hansén</b><br/>Head of the International Carbon Market Unit<br/>Swedish Energy Agency</p> <p><b>Nils Medenbach</b><br/>Manager, Africa Carbon Market Activities<br/>KfW PoA Support Centre</p> <p><b>Adriaan Tas</b><br/>Director<br/>Africa Carbon</p> <p><b>John Kilani</b><br/>Director of Sustainable Development Mechanisms (SDM)<br/>UNFCCC</p> <p><b>Edward Hanrahan</b><br/>Chief Executive Officer<br/>ClimateCare</p> <p>How can innovative business models be developed in partnerships with governments and the private sector to enable carbon based payments to finance projects that reduce carbon emissions and have high development benefits in LDCs. A focus on household level results, such as biogas, household solar and micro-hydro power that can be more easily replicated without large capital investments.</p> | <p><b>Moderator:</b></p> <p><b>Andrew Pozniak</b><br/>Managing Director<br/>Green Aviation Solutions</p> <p><b>Antonio de Palmas</b><br/>Vice President, Boeing International<br/>President of European Union and NATO Relations</p> <p><b>Michel Adam</b><br/>Lead Coordinator Environmental Policy,<br/>Aviation Environment<br/>International Air Transport Association (IATA)</p> <p><b>Ally Charlton</b><br/>Carbon Solutions Director<br/>Climate Friendly</p> <p><b>Peter Zaman</b><br/>Partner<br/>Reed Smith</p> <p><b>James Atkins</b><br/>Chairman<br/>Vertis</p> <p>The aviation sector has put forward ambitious targets to reduce its carbon footprint, with carbon neutral growth from 2020 onwards and halving 2005 emissions by 2050. A combination of investments and policies will be needed for the aviation industry to achieve this. From improved aircraft design, more efficient air infrastructure for flights, and increased use of aviation biofuels, technology holds the potential to make significant contribution to stabilise, and ultimately reduce, emissions in a growing sector. Markets, and carbon trading, will also be crucial, and are the subject of current discussions under the International Civil Aviation Organisation (ICAO). This panel brings together experts closely involved in the debate over how aviation will fulfill its environmental objectives.</p> |
|       |  | Room 6, Level 3   | Room 5, Level 3   |
| 10:00 | Coffee Break & Visit the Trade Fair  |   |   |



| TIME  |  | Day 3 - Friday - 31 May   |   |
|-------|--|---|---|
| 10:30 | Policy Stream  | Climate Finance Stream  | Clean Energy & Clean Tech Stream  |
|       | W16 - Early Market Development in Australia and the Impacts of Political Uncertainty   | W17 - The Voluntary Carbon Market – Financing Innovation, Perspectives from Industry, Corporate and NGO Community   | W18 - Supporting Innovations for Clean Energy Access - What Role for Climate Finance?   |
|       | <p><b>Moderator:</b></p> <p><b>Peter Castellás</b><br/>Chief Executive Officer<br/>Carbon Market Institute</p> <p><b>Chloe Munro</b><br/>Chair &amp; Chief Executive Officer<br/>Clean Energy Regulator, Australian Government</p> <p><b>Simon Writer</b><br/>Assistant Secretary, Carbon Pricing and Markets Division, Department of Innovation, Industry, Climate Change, Science, Research and Tertiary Education - Australian Government</p> <p><b>Mike McKensy</b><br/>Head of Carbon Trading, Commodities, Carbon and Energy<br/>The Westpac Group</p> <p><b>Andrew Grant</b><br/>Chief Executive Officer<br/>CO2 Group</p> <p><b>Martijn Wilder</b><br/>Partner &amp; Head of Global Environmental Markets and Climate Change Practice<br/>Baker &amp; McKenzie</p> <p>Australia's Carbon Price Mechanism came into effect in July 2012. Liable entities are now preparing for the end of the first compliance period. Early market movers are generating domestic offsets for compliance use under the domestic offset scheme, the Carbon Farming Initiative. Others have developed financial products using domestic and international offsets to assist entities to meet their liabilities and manage exposure. However, early market development has been clouded by uncertainty regarding the Scheme's long-term future and design due to Australia's current political environment. With an election looming in September, the outcome of which may impact on the future of the scheme, how has the market been affected and what has been the reaction of liable entities?</p> | <p><b>Moderator:</b></p> <p><b>Jamal Gore</b><br/>Managing Director<br/>Carbon Clear</p> <p><b>Louis Redshaw</b><br/>Managing Director and Global Head of Environmental Markets<br/>Barclays Capital</p> <p><b>Nieves Cifuentes Valero</b><br/>Head of the Environment Department<br/>Gas Natural Fenosa</p> <p><b>Christian Som</b><br/>Manager Climate &amp; Business<br/>WWF</p> <p><b>Gerald Maradan</b><br/>Chief Executive Officer<br/>Eco Act</p> <p><b>Adrian Rimmer</b><br/>Chief Executive Officer<br/>The Gold Standard Foundation</p> <p>The nature of the voluntary carbon markets have typically required projects that deliver a range of co-benefits in order to attract corporate investment. Many of these innovations have filtered through to regional and global compliance carbon markets. How does the industry now see opportunities for investment in the voluntary market. What is the role of blended finance ? How can sustainable development and adaptation efforts leverage voluntary market investment ? We discuss the issues with representatives of industry, corporate buyers and environmental nonprofits.</p> | <p><b>Moderator:</b></p> <p><b>Agnes Biscaglia</b><br/>Innovative Finance<br/>Agence Française de Développement (AFD)</p> <p><b>Pradeep Pursnani</b><br/>Acting Director<br/>Shell Foundation</p> <p><b>Erwin Spolders</b><br/>Chief Executive Officer<br/>Redavia</p> <p><b>Mohua Mukherjee</b><br/>Senior Energy Specialist<br/>South Asia Sustainable Development and Energy (SASDE)</p> <p><b>Bill Farmer</b><br/>Chairman<br/>Uganda Carbon Bureau</p> <p>Ensuring clean energy access is key for both poverty reduction and climate change agendas. New financing mechanisms are needed to maximize the support for new technologies and business models that have the potential to provide for tomorrow's solutions. This session will provide space for a brainstorming on the role that climate finance can play in fostering private sector engagement in the field of energy access.</p> |
|       | Room 6, Level 3  | Room 5, Level 3   | Room 3, Level 2   |
| 11:30 | Short Break  |   |   |

\* - Invited, pending confirmation

| TIME  | Day 3 – Friday – 31 May  |  |
|-------|--|--|
| 11:45 | P7 - What's at Stake for the EU ETS ? How can the scheme maintain its relevance as the EU's main climate policy instrument?  |  |
|       | <p><b>Moderator:</b></p> <p><b>Andrei Marcu</b><br/>Senior Advisor and Head of the CEPS Carbon Market Forum<br/>Centre for European Policy Studies (CEPS)</p> <p><b>Silke Karcher</b><br/>Head, European Climate and Energy Policy, New Market Mechanisms<br/>German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety</p> <p><b>Carsten Schirmeisen</b><br/>Manager Carbon Business<br/>Holcim</p> <p><b>Graham Stuart</b><br/>Partner<br/>Baker &amp; McKenzie</p> <p><b>Bill Kyte</b><br/>Senior Advisor, Climate Change, E.ON<br/>Hon President, UK Emissions Trading Group<br/>Chief Advisor, International Climate Policy, EURELECTRIC<br/>Director, International Electricity Partnership</p> <p><b>Sarah Deblock</b><br/>Director, EU Policy<br/>International Emissions Trading Association (IETA)</p> <p>Come and hear the arguments from leading European policy makers and business and environmental stakeholders regarding the future of the EU ETS. After the Parliament's rejection of the Commission's proposal on backloading, what is the likelihood of the proposal being adopted? What consequences does this uncertainty in the short-term have for the future reform of scheme?<br/>With the start of discussions on structural measures to address the current difficulties facing the EU ETS, how are these discussions likely to evolve without further clarity on the EU's short-term policy direction?<br/>Come and discuss your views on what type of structural reforms are needed, and debate with leading policy makers whether you think the EU ETS needs to be reformed, and what you think the scheme should aim to deliver. The debate will also address longer term considerations regarding the EU's 2030 climate and energy package.</p> |  |
|       | Room 7, Level 3  |  |
| 13:00 | Buffet Lunch & Visit the Trade Fair  | CARBON EXPO Special Dialogue   |
|       |  | <p><b>SD2 - CARBON EXPO Special Dialogue – A Science Update: Risks and Opportunities</b><br/>Presented by Climate Change</p> <p><b>Moderator:</b></p> <p><b>Anthony Hobley</b><br/>Partner, Global Head, Climate Change and Carbon Finance<br/>Norton Rose</p> <p><b>Peter Backlund</b><br/>Director of External Relations and Director of the Integrated Science Program<br/>National Center for Atmospheric Research (NCAR)</p> <p><b>John Holdren*</b><br/>Assistant to the President for Science and Technology, Director of the White House<br/>Office of Science and Technology Policy<br/>Co-Chair of the President's Council of Advisors on Science and Technology (PCAST)</p> <p>Over the next 18 months, new science is emerging that could impact strategic planning for businesses – both for adapting to changes in the climate and responding to new climate policies and market opportunities. As new scientific information appears, it can be challenging to communicate – both to colleagues and external stakeholders. This session will highlight risks and opportunities presented by climate change – and how scientific information is best communicated by business.</p> |
| 14:00 |  | Room 3, Level 2  |

| Day 3 - Friday - 31 May |   |  |  |
|-------------------------|---|--|--|
| 14:00                   | <b>Policy Stream</b><br><br><b>W19 - Climate Mitigation Efforts with Fiscal Benefits: Carbon Taxation and removing harmful fossil fuel subsidies</b><br><br><b>Moderator:</b><br><b>Klaus Oppermann</b><br>Senior Carbon Finance Specialist<br>World Bank<br><br><b>Henrik Hammar</b><br>Senior Advisor and Deputy Head, Division for Tax Policy Analysis<br>Ministry of Finance, Sweden<br><br><b>Cristina Garcia-Herrera Blanco</b><br>Institute of Fiscal Studies<br>Ministry of Economy and Finance, Spain<br><br><b>Mpho Legote</b><br>Senior Economist<br>National Treasury, South Africa<br><br><b>Sigurd Klakeg</b><br>Deputy Director General<br>Ministry of Finance Norway<br><br><br>Taxing carbon and removing harmful fossil fuel subsidies have become increasingly interesting for countries that are looking for a cost-effective way to reduce greenhouse gas emissions while obtaining fiscal benefits. In an effort to shed more light on the environmental potential and its positive budgetary impact, this session invites a panel of experts to discuss the merits and challenges of taxing carbon or removing fossil fuel subsidies. The panelists will discuss potential impacts on greenhouse gas mitigation, international trade, its distributional effects and especially how a carbon tax works in relation to carbon offsets and trading policies.   | <b>Climate Finance Stream</b><br><br><b>W20 - Implementing REDD+: Experience from the Private Sector &amp; How do we Maintain Private Investment?</b><br><br><b>Moderator:</b><br><b>Richard Saines</b><br>Principal<br>Baker & McKenzie<br><br><b>Stephen Matzie</b><br>Investment Officer<br>USAID<br><br><b>Christie Pollet-Young</b><br>Greenhouse Gas Verification Program Manager<br>SCS Global Services, California<br><br><b>Carlos Ludena</b><br>Senior Economist<br>Inter-American Development Bank<br><br><b>Mercedes Fernandez</b><br>Leader Environmental Legal Group<br>Climate Focus<br><br><b>Ludovino Lopes</b><br>Founder, LudovinoLopes Lawyers<br>President of the Brazilian Chamber of E-Commerce<br><br><br>REDD+ has progressed in recent years to create sophisticated and high quality projects using expertise from the private sector. This has allowed projects to secure financing from a variety of private investment sources. This panel brings together private sector actors from across the project cycle to demonstrate how projects are structured, implemented and marketed, and the outlook for future expansion of activities including overcoming risk for private sector investment as trends lean towards jurisdictional REDD+ accounting and policy. | <b>Clean Energy &amp; Clean Tech Stream</b><br><br><b>W21 - A Tale of Two Regions: Europe, North America, and Low-Carbon Technologies</b><br><br><b>Moderator:</b><br><b>Trevor Sikorski</b><br>Head of Natural Gas, Coal and Carbon Research Energy Aspects<br><br><b>Russel Mills</b><br>Global Director of Energy & Climate Change Policy<br>Dow Chemicals<br><br><b>Derek Walker</b><br>Associate Vice-President for US Climate and Energy Program<br>Environmental Defense Fund (EDF)<br><br><b>Belinda Morris</b><br>California Director<br>American Carbon Registry (ACR)<br><br><b>Jesse Scott</b><br>Head of Unit Environment & Sustainable Development Policy<br>Eurelectric<br><br><b>Ingo Tschach</b><br>Managing Director<br>Tschach Solutions<br><br><br>Different energy de-carbonization stories are playing-out in Europe and North America, due to factors like unconventional gas development, pipeline politics, and regional climate policies. Where are investments in transformative low-carbon technologies taking place? Which policy and financing enabling frameworks are needed to drive such investments? And how is North America's shifting energy sector affecting fuel consumption in Europe? |
|                         | Room 6, Level 3   | Room 5, Level 3  | Room 3, Level 2  |
| 15:00                   | Short Break   |  |  |
| 15:15                   | <b>P8 - The Decade Ahead for Carbon Markets</b><br><br><b>Moderator:</b><br><b>Dirk Forrister</b><br>President & Chief Executive Officer<br>International Emissions Trading Association (IETA)<br><br><b>Nicole Singh</b><br>Executive Director<br>Regional Greenhouse Gas Initiative (RGGI), Inc.<br><br><b>Kevin Fay</b><br>Executive Director<br>International Climate Change Partnership (ICCP)<br><br><b>John Kilani</b><br>Director for Sustainable Development Mechanisms<br>UNFCCC<br><br><b>Jan-Willem van de Ven</b><br>Head of EBRD-EIB Multilateral Carbon Credit Fund<br>European Bank for Reconstruction and Development<br><br><b>John Drexhage</b><br>Director, Environment and Climate Change<br>International Council on Mining and Metals (ICMM)<br><br><br>CARBON EXPO has provided the leading forum for carbon market participants over the last decade. Carbon markets have evolved from concept to reality in Europe and beyond. Through the CDM and JI mechanisms private investment has flown to sustainable development outside of the industrialised world. Innovative policies and financing opportunities continue to emerge across the world. There are many remaining hurdles to be cleared, and actions to be taken. However, the leaps taken since the first CARBON EXPO to today provide some positive signs that governments and businesses will step up. To close this 10th Edition, this session reflects on the previous decade and looks ahead to the opportunities and challenges of future years. |  |  |
|                         | Room 7, Level 3   |  |  |
| 16:30                   |   |  |  |

\* - Invited, pending confirmation