We would like to Thank our Main Partners:

In Collaboration With:

COP21/CMP11 || PARIS
November 30th – December 11th 2015

BUSINESS HUB PROGRAM GUIDE

Powered by:

IETA
CLIMATE CHALLENGES MARKET SOLUTIONS

wbcsd

In Collaboration With:

United Nations Framework Convention on Climate Change
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WHO WE ARE:
IETA is a non-profit leading business organisation dedicated to market based solutions to climate change. We support global carbon pricing produced by markets of high environmental integrity. Given the challenges of limiting global warming to 2°C, we urge nations to cooperate through international market linkages that meet environmental objectives at lower cost, preserving opportunities for economic growth.

WHAT WE ARE:
In its advocacy, IETA is the collective voice for the full range of businesses involved in carbon markets. By combining pragmatism, political reality and sound economics, IETA assists its members in tracking the latest policy developments and recommending sound solutions that work for business. IETA’s global forums in Europe, Asia, Africa and the Americas offer members opportunities to showcase excellence, share insights and establish new business relationships.

CONTACT IETA’S COP21 TEAM:

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USA
Tel: +1 415 318 7968
About the World Business Council for Sustainable Development (WBCSD)

The World Business Council for Sustainable Development (WBCSD), a CEO-led organization of some 200 forward-thinking global companies, is committed to galvanizing the global business community to create a sustainable future for business, society and the environment. Together with its members, the council applies its respected thought leadership and effective advocacy to generate constructive solutions and take shared action. Leveraging its strong relationships with stakeholders as the leading advocate for business, the council helps drive debate and policy change in favor of sustainable development solutions.

The WBCSD provides a forum for its member companies - who represent all business sectors, all continents and a combined revenue of more than $8.5 trillion, 19 million employees - to share best practices on sustainable development issues and to develop innovative tools that change the status quo. The council also benefits from a network of 70 national and regional business councils and partner organizations, a majority of which are based in developing countries.

www.wbcsd.org
Follow us on Twitter and LinkedIn

CONTACT WBCSD’S COP21 TEAM:

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Managing Director, Climate & Energy

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Stakeholder Engagement Manager, Climate & Energy

HELEN BAKER
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Program Manager, LCTPi

BARBARA BLACK
black@wbcsd.org
Special Advisor for COP21
Dear Friends and Colleagues,

The business and finance communities are increasingly ready to act – to devote their skills, creativity and prowess to the global climate challenge. That’s why IETA joined so many friends that have come together under the banner “Open for Business” at COP21. It offers a visual symbol of our readiness to be part of the solution, and to do more together than we can do in isolation. We are extremely grateful for the strong showing of support from partners across the globe in offering this tremendous program of events.

Open for Business will explore how solid policy frameworks can unleash greater potential from business as we pursue the 2°C ambition. IETA believes that the Paris Agreement should provide a foundation for cooperation through market linkages, climate finance and technology innovation. We share the aspirations expressed in the scores of INDC targets that offer to do more, if international market access, finance and technology are available.

We hope that as you enter this program of events, you will bring your ideas and experience to the conversation. The program partners are open to new ideas, open to challenging questions and open to exciting new possibilities. We hope you share this constructive spirit. None of us can meet this challenge alone.

Best wishes,

Dirk Forrister, President and CEO, IETA

Dear Colleagues,

2015 was a remarkable year for sustainable development. For the first time in history, world leaders adopted an all-encompassing agenda and an integrated plan to make the transition to a low carbon and sustainable world: Sustainable Development Goals (SDGs). The momentum for change has never been stronger. It is now time for all stakeholders – governments, business and civil society – to collaborate and scale up action to tackle the environmental, social and economic challenges we face.

Mitigation and adaptation to climate change are fundamental to achieving the SDGs. The global drive towards clean-energy continues to grow and forward-thinking businesses across the world are taking ambitious steps to reduce their emissions and position their companies for success in the emerging low carbon economy. A stable policy environment that sends the right long-term signals to the private sector are critical for a climate resilient and sustainable world.

Reaching a universal, ambitious and balanced climate agreement at COP21 is a crucial first step which will need to be supplemented by a robust carbon price and a solid review process to strengthen commitments over time and ensure accountability. Paris is an unprecedented opportunity for a sustainable world and it is ours to seize.

Warm regards,

Peter Bakker, President & CEO, WBCSD
CARBON PRICING in Paris / IETA COP21 Priorities

The Paris 2015 Climate Summit can prompt a sustained wave of business action and investment through carbon markets. In the past year, hundreds of governments and businesses have sounded a call for carbon pricing to stimulate transformative investments in climate action. The Paris Agreement should secure a sound foundation for carbon pricing, implemented via technical decisions on market elements.

The Agreement should support countries interested in using international market linkages to achieve more ambitious emissions reductions. Networked carbon markets perform better, environmentally and economically, enabling nations and businesses to better manage the transition to a cleaner economy. The Agreement should contain a provision enabling Parties to transfer units between pricing systems under a transparent accounting framework.

The Paris Conference of the Parties (COP) should adopt Decisions to establish a unified project crediting mechanism and market tools to assist countries in achieving their Intended Nationally Determined Contributions (INDCs). Developing countries can move to low-carbon pathways faster with the right set of market mechanisms and tools. Governments present at the Paris negotiations need to adopt a decisions to unify the array of crediting mechanisms under negotiation, including the CDM, JI, the New Market Mechanism and REDD+, into a coherent new crediting system. Parties should commit to adopt rules and modalities to make this new system operational by 2017.

Paris must deliver continued support for the healthy growth of the Green Climate Fund (GCF). The Fund can become a valuable source of finance for developing countries to achieve their mitigation and adaptation goals. Working alongside market mechanisms, the GCF can multiply the effectiveness of private sector capital in financing low-carbon projects and programmes. It can “de-risk” investments in developing countries and accelerate clean development.

IETA's Straw Proposal offers an example of how market provisions could be featured in the Paris package. Markets could grow from a simple provision in the Agreement, with detailed implementation rules specified in COP Decisions. A revitalised crediting mechanism could unleash greater action in developing countries – and a set of market-development tools could strengthen the capabilities in developing countries in launching their own market systems.

For more details on how markets can empower countries to address climate change effectively, please pick up a copy of IETA's ‘Paris Priorities’ at the IETA & WBCSD Business Hub in Hall 3.

LCTPi / WBCSD COP21 Priorities

Last year, at COP20, WBCSD launched the Low Carbon Technology Partnerships initiative (LCTPi) together with SDSN (Sustainable Development Solutions Network) and IEA (International Energy Agency).

Supported by the French Presidency of COP21, LCTPi is a unique collaborative initiative, which brings together 140 global businesses and 50 partners to accelerate the development, deployment and scale up of low-carbon technologies. LCTPi has identified nine solution areas with the greatest impact: carbon capture and storage, renewable energy, energy efficiency in buildings, cement, chemicals, low carbon transport fuels, low carbon freight, forests and climate smart agriculture. For each area, a group of companies analyses barriers and identifies solutions, financial requirements, policy asks and partnership opportunities. Action plans and policy asks coming out of LCTPi's working groups will be presented at the business hub events and COP21.

The LCTPi impact analysis conducted by PwC demonstrates the potential benefits of the initiative for climate, associated business opportunities and how it could contribute to the realization of the SDGs. According to the report released in November, if the ambitions of the LCTPi were met, the initiative could deliver 65% of all the carbon emission reductions needed to limit global warming to under 2°C. Within the right policy framework, LCTPi could channel trillions of dollars of investment into low carbon technologies and create millions of jobs around the world, in developed and developing countries over the next 15 years.

LCTPi shows that business has the capacity and willingness to deliver solutions with a view to stay below 2°C. The technologies are there, barriers to scale and policy asks have been identified, and action plans are ready.

For business action to achieve scale, we need governments to put the required policies in place. This is now in the hands of COP21 negotiators. A robust and ambitious climate agreement in Paris that sends the right long-term policy signals including carbon pricing will facilitate LCTPi ambitions to be reached. To see how far we have come so fast, please see the LCTPi website www.lctpi.wbcsdservers.org or download the LCTPi app on the iTunes store.
MONDAY 30 NOVEMBER

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<tr>
<th>14:30 - 15:00</th>
<th>Tea &amp; Coffee Time</th>
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| 15:00 - 16:00 | **SIDE EVENT 1**
| Business Hub  | CARBON PRICING  |
| Room Paris    | LEADERSHIP COALITION (CPLC): |
|               | LAUNCH EVENT     |
| Description:  | • Scaling Up Success: Carbon Pricing Leadership Coalition |
|               | • Presentation of the CPLC work plan with offers from Partners to help lead the agenda |
|               | • Building and Sharing the Evidence Base to address key challenges |
|               | • Mobilizing Business Support through Carbon Pricing Pathways and corporate internal carbon pricing |
|               | • Convening Leadership Dialogues in key regions to address key challenges to successful implementation |
|               | • Communicating Results: Tracking progress and catalyzing greater action |
|               | • Adoption of Coalition Work Plan, Partnership Base and Governance |
|               | • Approval of working arrangements; discussion of priority next steps, including first High-Level Assembly in April 2016; delivery modes post-Paris |

Welcoming Remarks: JIM YONG KIM, President, World Bank Group

Attendees: Up to 75 participants at senior (executive / minister) level; priority to Coalition Partners. Open to the media.

| 16:30 - 18:00 | **SIDE EVENT 2**
| Business Hub  | OPEN FOR BUSINESS – INAUGURATION SESSION OF THE IETA & WBCSD |
| Room Paris    | BUSINESS HUB AT COP21 |
| Description:  | A High-Level celebration of current ambitious climate actions supporting the Lima Paris Action Agenda, and highlighting the importance of an ambitious, universal Paris Agreement which provides business with the signals and means to drive scale-up of solutions for a climate resilient future below 2°C degrees centigrade. There will be a panel discussion with interactions with the audience followed by a reception. |

Co-Moderators: DIRK FORRISTER, President & Chief Executive Officer, IETA

Speakers: PETER BAKKER, President & Chief Executive Officer, WBCSD
LAURENT FABIUS, Foreign Minister, France*
CHRISTIANA FIGUERES, Executive Secretary, UNFCCC*
FEIKE SIBESMA, Chief Executive Officer, Royal DSM
PAUL POLMAN, Chief Executive Officer, Unilever
Tba *

* Invited, pending confirmation
SIDE EVENT 3

POLICY BRIEFING: HERE AND NOW: WHAT ARE THE MAIN STICKING POINTS IN THE UNFCCC NEGOTIATIONS?

**Description:** Daily insights on a central topic to the negotiations with importance for business at COP, covering the below three points, followed by a question & answer session:
- What is the current status on the issue?
- Where do you see it in the Paris package and what are the expectations after Paris?
- How do you expect it will affect business and drive climate action?

**Session Coord:** KK/BB

**Moderator:** DIRK FORRISTER, President & Chief Executive Officer, IETA

**Speakers:** PETER BAKKER, President, WBCSD
ELLIOT DIRINGER, Executive Vice President, Center for Climate and Energy Solutions (C2ES)*

SIDE EVENT 4

OPEN FOR BUSINESS – INAUGURATION OF THE IETA & WBCSD BUSINESS HUB AT COP21 COCKTAIL RECEPTION

**Session Coord:** LS
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<th>Time</th>
<th>Event Description</th>
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<tr>
<td>9:00 - 9:30</td>
<td>Tea &amp; Coffee Time</td>
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<td>9:30 - 10:30</td>
<td><strong>SIDE EVENT 5</strong> FORESTS AND FOREST PRODUCTS AS CARBON SINKS LCTPi</td>
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<td><strong>Description:</strong> The objective of the session is to demonstrate the potential of the</td>
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<td>entire forests and forest products value chain to make a significant contribution to</td>
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<td>climate change mitigation through the sustainable production and consumption of forest</td>
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<td>products and sustainable forest management (SFM). The sustainable production and</td>
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<td>consumption solutions proposed by the working group reflect the need to increase</td>
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<td>yields and forest carbon stocks over the long term and can be clustered into three</td>
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<td>priority action areas:</td>
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<td>1. Sustainable forest management (SFM)</td>
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<td>2. Forest products and the bioeconomy</td>
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<td>3. Breakthrough technologies and resource efficiency</td>
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<td>The panel and guests will explore these solutions using examples from their own</td>
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<td>companies.</td>
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<td><strong>Moderator:</strong> MATTHEW REDDY, Director Forest Solutions Group, WBCSD</td>
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<td><strong>Speakers:</strong> JOSE PENIDO, Chairman, Fibria</td>
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<td>BEY SOO KHIANG, Chairman, APRIL Group</td>
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<td>Plus case study guest speakers</td>
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<td>10:30 - 11:00</td>
<td><strong>SIDE EVENT 6</strong> BUSINESS HUB MEDIA BRIEFING</td>
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<td><strong>Description:</strong> Business point of view on the negotiations.</td>
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<td>10:30 - 12:00</td>
<td><strong>SIDE EVENT 7</strong> REDD+ AS INDC STRATEGY</td>
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<td><strong>Description:</strong> The session will address the use of REDD+ policy and project types,</td>
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<td>in Intended Nationally Determined Contributions. INDCs are a significant requirement</td>
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<td>for developing economies – but they also present a key opportunity. By incorporating</td>
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<td>REDD+ strategies, INDCs can provide a system for capacity building and revenue</td>
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<td>generation for conserving and managing valuable natural resources. For countries that</td>
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<td>hold significant mitigation opportunity through land use and forest conservation, the</td>
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<td>most valuable steps to mitigate the effects of GHG emissions are to implement REDD+</td>
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<td>strategies. REDD+ can provide a cost-effective climate action tool as well as</td>
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<td>generating important social and infrastructure development, including advancing the</td>
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<td>rule of law and international markets.</td>
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<td><strong>Moderator:</strong> JEFFREY C. FORT, Co-Director Climate Change Practice, DENTONS</td>
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<td><strong>Speakers:</strong> HON. ANNE SLAUGHTER ANDREW, Board Member of NRDC and EARTH University</td>
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<td>in Costa Rica, Former US Ambassador to Costa Rica</td>
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<td>CHHUN DELUX, Chief of Forest and Climate Change Office, Forestry Administration,</td>
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<td>Cambodia</td>
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<td>ROBERT O. SULLIVAN, Deputy Senior Director, Environmental Group, Winrock International</td>
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<td>JOHN VAN D. LEWIS, Managing Director, Terra Global Capital</td>
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<td>12:00 - 13:00</td>
<td><strong>SIDE EVENT 8</strong> DENTONS NETWORKING LUNCH RECEPTION</td>
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<td><strong>Description:</strong> Lunch reception</td>
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### SIDE EVENT 9
**HIGH-LEVEL ANNOUNCEMENT OF THE TRANSFORMATIVE CARBON ASSET FACILITY (TCAF)**

| Description: | The World Bank Group and its partners will be announcing the establishment of the TCAF. The TCAF will support countries in scaling up GHG mitigation by implementing market-based carbon pricing projects and programs. It will pilot new and innovative crediting mechanisms that could become models for achieving efficient and low-cost mitigation globally at scale. |
| Session Coord: | SG |
| Speakers: | Panelists include representatives from The World Bank Group and its Partners. |

### SIDE EVENT 10
**AROUND THE WORLD IN CARBON MARKETS: EMISSIONS TRADING CASE STUDIES**

| Description: | In 2015, IETA, the Environmental Defense Fund, and I4CE (formerly CDC Climat) put together the most comprehensive set of carbon pricing case studies yet. Concise, yet full of information, ‘The World’s Carbon Markets’ Case Studies (www.ieta.org/worldscarbonmarkets) explore how 19 governments are putting in place a carbon price. The three groups, together with the World Bank, will look at the changing landscape of emissions trading and what are the major differences amongst trading systems across the world. |
| Session Coord: | JS |
| Moderators: | JOAN MACNAUGHTON, IETA Fellow, Senior Energy and Climate Policy Professional* |
| Speakers: | EMILIE ALBEROLA, Program Director, Industry, Energy, and Climate, I4CE DEREK WALKER, Associate Vice President, Global Climate Initiatives, EDF JEFF SWARTZ, Director, International Policy, IETA VIKRAM WIDGE, Head of Climate Finance and Policy, World Bank Group |

### SIDE EVENT 11
**CLIMATE SMART AGRICULTURE**

| Description: | Climate-Smart Agriculture aims to address both food security and climate challenges in an integrated way. It is composed of three main pillars: 1. Sustainably increasing agricultural productivity and incomes 2. Adapting and building resilience to climate change 3. Reducing and/or removing greenhouse gas emissions, where possible It is based on practices, policies and institutions that very often already exist. However, what is new is that it brings these together in a harmonized and coherent way, in order to address the multiple challenges faced by agricultural systems. Leading companies Olam, Kellogg, Monsanto and PepsiCo will be presenting the LCTPi Climate Smart Agriculture Action Plan and taking questions from the audience. |
| Session Coord: | WBCSD |
| Moderators: | MATTRE REDDIE, Director Forest Solutions Group, WBCSD |
| Speakers: | DIANE HOLDORF, Global Head of Sustainability, The Kellogg Company JESUS MADRAZO, Vice President International Corporate Affairs, Monsanto CHRIS BROWN, Head of Environment, Olam JENNY BELL, European Environmental Risk and Impact Manager, PepsiCo JIM STEPHENSON, Sustainability and Climate Change Manager, PwC SONJA VERMEULEN, Head of Research, CGIAR Research Program Climate Change, Agriculture and Food Security (CCAFS) |
TUESDAY 1 DECEMBER

15:30 - 17:00
Business Hub
Room Paris

**SIDE EVENT 12**

**THE KEYS TO SUCCESSFULLY DEVELOPING RENEWABLE ENERGY PROJECTS IN EMERGING MARKETS**

In this interactive session we will explore issues which are faced by governments and other stakeholders in the development of renewable energy projects globally. The presenters will give their insights into practical lessons learned from projects in emerging markets and the session will include a series of case studies. The issues to be covered will include:

- Comparative assessment of the benefits of RE procurement structures – feed-in tariffs, auctions, negotiated bilateral arrangements, Integrating renewables into the grid – should renewables get a “free ride”?  
- Funding options including stimulating local capital  
- The rise of hybrid and off-grid solutions, and Community ownership and shared benefit models

**Moderator:** SIMON CURRIE, Global Head of Energy, Norton Rose Fulbright

**Speakers:**
Panelists include representatives from MASEN, PwC and Engie

17:00 - 18:00
Open for Business
Lounge

**SIDE EVENT 13**

**NORTON ROSE FULBRIGHT NETWORKING TEA & COFFEE TIME**

17:00 - 18:30
Business Hub
Room Paris

**SIDE EVENT 14**

**SUSTAINABLE AGRICULTURE, LAND MANAGEMENT, FOOD SECURITY & RURAL DEVELOPMENT**

Economic growth and the rise in world population put pressure on food demands and agricultural products; feeding this population will require substantial changes to ensure the production, distribution and consumption of sufficient nutritious products, environmental sustainability and economic opportunities through agriculture. By 2050, the world’s population will reach 9.1 billion - how can we feed them?

**Moderator:** Tbc*

**Speakers:**
ENRIQUE DIAZ, President, Agrobanco  
RITA MARIA ZNIBER, Chief Executive Officer, Diana Holding  
CLAUDE FROMAGEOT, Director, Yves Rocher Foundation  
MICHEL DENIS, President & Chief Executive Officer, Manitou Group
SIDE EVENT 15

POLICY BRIEFING: SOLUTIONS: REDD+ AND FORESTRY IN GENERAL AS A MITIGATION TOOL

Description:
Daily insights on a central topic to the negotiations with importance for business at COP, covering the below three points, followed by a question & answer session:
• What is the current status on the issue?
• Where do you see it in the Paris package and what are the expectations after Paris?
• How do you expect it will affect business and drive climate action?

Session Coord: TL/BB

Moderator:
SOPHY GREENHALGH, Director, Voluntary Market & ICROA, IETA

Speakers:
MARCELO ROCHA, Climate Change Consultant, Fábrica Ética, Brasil
KEVIN CONRAD, Special Envoy and Ambassador for Environment & Climate Change for Papua New Guinea, Executive Director of the Coalition for Rainforest Nations
TOBY JANSON, Sustainable Landscapes Director, VCS

18:15 - 18:45
Business Hub
Room Marrakech

SIDE EVENT 16

MANAGING UNINTENDED IMPACT OF MITIGATION POLICIES

Description:
Are there unintended impact of climate change mitigation policies? If so, how are these impacts managed? This side event presents the findings of CEPS “Climate for Sustainable Growth” research project which via five case studies identifies unintended economic, social and environmental impacts of climate change policies and some tools as well as safety nets put in place to mitigate these impacts. Project leader Andrei Marcu presents the main findings of the project followed by a high-level panel discussion and a Q&A session. The event will be followed a reception.

Session Coord: SD

Moderator:
ANDREI MARCU, Climate for Sustainable Growth Project Leader, Head of CEPS Carbon Market Forum

Speakers:
ABDULLAHI MAJEED, State Minister at the Ministry of Environment, Maldives*
KHALID ABULEIF, Ambassador, Kingdom of Saudi Arabia
HON. MAHAMA AYARIGA, Minister of Environment, Science, Technology and Innovation, Ghana
PHILIPPE WARNY, Vice-President Industrial Director, Solvay Energy Services
TOMASZ CHRUSZCZOW, Foundation for Climate Change, Poland
AARON COSBEY, Senior Associate, International Institute for Sustainable Development

18:30 - 20:00
Business Hub
Room Paris

SIDE EVENT 17

ANNOUNCING THE ALLIANCE FOR SUSTAINABLE COFFEE

Description:
Of all agricultural commodities, coffee is the farthest along on the sustainability journey. Nearly half of all coffee is produced with sustainability standards, yet only 17% is purchased by market actors committed to sustainability. This highlights a gap between supply and demand within sustainability markets, but they omit coffee produced by farmers participating in sustainability programs. Though the coffee sector has been a leader in sustainability, there’s still a need to refine commitments to meet the growing demand, while stimulating economic development within coffee communities and conserving the resources that underpin coffee production. The coffee sector has already shown a willingness to address critical issues that face it, and a new partnership is needed to transition the sector to sustainable production. Building on leadership models in the coffee sector, the Alliance will target transformation of Arabica and Robusta coffee production, working with market actors to make coffee the WORLD’S FIRST sustainable commodity.

Welcome Speech:
JIM HANNA, Director of Environmental Impact, Starbucks Coffee Company

18:30 - 20:30
Open for Business Lounge

Session Coord: WBCSD

Description:

SIDES EVENTS AT COP21/CMP11

www.wbcsd.org | OPEN for Business 13
### SIDE EVENT 18

**FINANCING CLIMATE TECHNOLOGY TRANSFER, AND PRIVATE SECTOR ENGAGEMENT**

**Description:** Climate technology transfer is a global priority, as deployment of the best available technologies in all countries is essential to climate change mitigation and to increasing climate resilience. Hosted by the EBRD's FINTECC (Finance and Technology Transfer Centre for Climate Change) Programme, this session will explore key issues such as the Technology Transfer ‘Gap’; improving ‘North-South’ and ‘South-South’ technology transfer for climate change mitigation and adaptation; the UNFCCC’s technology mechanism; the role of MDBs and climate financing institutions in enabling this transfer; and ways of engaging with the private sector to drive investments.

**Moderator:** JOSUÉ TANAKA, Managing Director, Energy Efficiency and Climate Change, EBRD

**Speakers:**
- JOSÉ MARÍA FIGUERES, Chairman, Rocky Mountain Institute
- PHILIPPE BENOIT, Head of Energy Efficiency and Environment Division, International Energy Agency (IEA)
- ANTHONY WILLIAMS, Editor-in-Chief, External Communications, EBRD
- RALPH SIMS, Director, Centre for Energy Research, Massey University, New Zealand
- AMBUJ SAGAR, Vipula and Mahesh Chaturvedi Professor of Policy Studies, IIT Delhi
- PHILIPPE FONTA, Managing Director, Cement Sustainability Initiative & Tires Industry Project, WBCSD
- JUKKA UOSUKAINEN, Director, Climate Technology Centre & Network (CTCN)
- KUNIHIKO SHIMADA, Chair, Technology Executive Committee (TEC)
- MASAKO OGAWA, Senior Environment Specialist, Global Environment Facility (GEF)
- TAO WANG, DIRECTOR of Mitigation and Adaptation, Green Climate Fund (GCF)
- TERRY MCCALLION, Director, Energy Efficiency and Climate Change, EBRD

**Summary & Conclusions:**
- JOSUÉ TANAKA, Managing Director, Energy Efficiency and Climate Change, EBRD

### SIDE EVENT 19

**BUSINESS HUB MEDIA BRIEFING**

**Description:** Business point of view on the negotiations.

**Session Coord:** KK/LS

### SIDE EVENT 20

**EBRD NETWORKING LUNCH RECEPTION**

**Session Coord:** LS
SIDE EVENTS AT COP21/CMP11

12:00 - 13:00
Business Hub
Room Paris

SIDE EVENT 21
3RD ANNUAL COP GREEN CLIMATE FUND (GCF) - PRIVATE SECTOR DIALOGUE

Description: As achieved in Warsaw and Lima, the dialogue brings leading GCF representatives and global private sector experts together to discuss the latest GCF developments and opportunities. Following a series of brief presentations, the moderated dialogue delves into private sector-focused elements and opportunities linked to the new Fund, and its fully-operational Private Sector Facility (PSF). Speakers will shed special light on GCF’s strategy and opportunities for business engagement, including the: status of private sector-relevant accredited entities; status and pipeline of inaugural GCF project and programmes; promising use/blending of financial instruments to mobilize funds at scale; and details related to 2016 GCF-PSF Pilot opportunities, equivalent to USD 700m.

Moderator: KATIE SULLIVAN, Director, Climate Finance & North America, IETA
Speakers: BRAD JOHNSON, President, Resource Mobilization Advisors
ABYD KARMALI, Managing Director, Climate Finance, Bank of America Merrill Lynch
JON WILLIAMS, Partner, Global Leader, Sustainability & Climate Change, PwC
SAMY BEN-JAAFAR, Private Sector Facility Director, GCF
RUTGER DE WITT, Lead Counsel, GCF

13:00 - 14:30
Business Hub
Room Paris

SIDE EVENT 22
CHARACTERIZING AND ADVANCING OUR UNDERSTANDING OF THE SOCIAL COST OF CARBON

Description: The social cost of carbon (SCC) is a monetary estimate of the climate change damages to society from an additional unit of carbon dioxide (CO2) emissions. Despite their use in policy to value CO2 reductions, SCC estimates are difficult to interpret and evaluate. What do they represent in terms of future climate change and risks? This session offers a unique in-depth look into the state of current modeling and our understanding of potential damages, identifying issues and opportunities relevant to public discussion and future climate research and application.

Moderator: STEVEN ROSE, Senior Project Manager, EPRI
Speakers: DAVID VICTOR, Professor, School of Global Policy and Strategy, University of California, San Diego
NAT KEOHANE, Vice President of Global Climate, Environmental Defense Fund*
Tba*

14:30 - 15:30
Open for Business Lounge

SIDE EVENT 23
EPRI NETWORKING HIGH TEA & COFFEE TIME

Session Coord: LS

* Tba = To be Announced
MOVING FROM OBLIGATION TO OPPORTUNITY, SCALING CLIMATE NEUTRALITY TO MILLIONS

To ensure that global GHG emissions do not push climate change beyond a 2 degree temperature rise, the world needs a paradigm shift: While the need for a global framework for climate action is indisputable, it is equally clear that it will not be sufficient in itself to stay below 2 degrees C. Increasingly ambitious national action plans will be required, and implementation will require active support. All stakeholders, be it business, organizations, authorities or individuals need to realize what they can do to not only reduce their own climate footprint, but how to “go the whole yard” by offsetting for emissions that cannot be avoided. This session will explore how individuals, governments and businesses can take action and hear the experience of stakeholders who are already taking a step forward into a climate neutral future.

MODERATOR: PETER BAKKER, President & Chief Executive Officer, WBCSD
KEYNOTE: CHRISTIANA FIGUERES, Executive Secretary, UNFCCC*
SPEAKERS:
- ZELDA BENTHAM, Head of Sustainability, AVIVA
- EDWARD HANRAHAN, Chief Executive Officer, Climate Care
- Tba, Sony

10 YEARS ON - WHAT CAN WE EXPECT FROM THE EU ETS IN EUROPE’S 2030 CLIMATE & ENERGY PACKAGE?

The world’s largest cap&trade system for GHG emissions is 10 years old and, after much focus on its reform, European Leaders have maintained their support for the EU ETS to play a key part in Europe’s climate strategy towards 2030. Leading businesses and European policy makers will address the role they see for the EU ETS as the instrument to deliver Europe’s climate policy objectives: What can it deliver? What challenges is it faced with? To what extent can it play a central role in Europe’s decarbonisation strategy?

MODERATOR: DIRK FORRISTER, President & Chief Executive Officer, IETA
SPEAKERS:
- JOS DELBEKE, Director-General for Climate Action, European Commission*
- DANIELE AGOSTINI, Head of Environmental and Low Carbon Policies, ENEL
- RUSSEL MILLS, Global Director of Energy & Climate Change Policy, Dow Chemical
- PETER ZAMAN, Partner, Reed Smith LLP

14:30 - 15:40
Business Hub
Room Paris

15:40 - 15:45
Short Break

15:45 - 16:55
Business Hub
Room Paris

16:55 - 17:00
Short Break
### SIDE EVENT 26

**SPECIAL SESSION: WHAT BUSINESS WANTS ON PRICING IN PARIS**

Business leaders highlight the growing groundswell of support for carbon pricing from a variety of sectors and geographies. Over 20 industry association and organisation voices will come together to stress the importance of including provisions in the Paris agreement to advance carbon pricing and cooperative market solutions.

**Description:**

Business Hub
Room Paris

**Session Coord:** JS

**Co-Moderators:**
DIRK FORRISTER, President & Chief Executive Officer, IETA
PETER BAKKER, President & Chief Executive Officer, WBCSD

**Speakers:**
Representatives of leading business organisations from around the world.

### SIDE EVENT 27

**POLICY BRIEFING: TOOLS: CARBON MARKETS AND THE PARIS AGREEMENT**

Daily insights on a central topic to the negotiations with importance for business at COP, covering the below three points, followed by a question & answer session:

- What is the current status on the issue?
- Where do you see it in the Paris package and what are the expectations after Paris?
- How do you expect it will affect businesses and drive climate action?

**Description:**

Business Hub
Room Marrakech

**Session Coord:** JS/BB

**Moderator:**
JEFF SWARTZ, Director, International Policy, IETA

**Speakers:**
LAURENCE MORTIER, Federal Office for the Environment FOEN, Switzerland
MARTIN HESSION, DG Climate Action, European Commission

### SIDE EVENT 28

**IETA & WBCSD Welcome Reception**

**Description:**

Open for Business Lounge

**Session Coord:** LS
### SIDE EVENT 29

**The Climate Technology Centre & Network (CTCN) Technical Assistance in Practice**

The UNFCCC CTCN provides technology transfer assistance in response to developing country requests. Several cases of implemented technical assistance offer an opportunity to discuss the potential for private sector participation. The CTCN has already quickly mobilized its global Network of climate technology experts from among finance and private sectors, as well as research and NGO institutions. These Network members design and deliver customized solutions tailored to local needs from Technology Needs Assessments, addressing technology barriers, piloting and deployment of technologies across both adaptation and mitigation. During this session, the panel members will share concrete technical assistance cases and discuss two specific issues: First, how these can be supported through private sector investment; second, to what extent this assistance can break down barriers to technology innovation and transfer.

**Moderator:** EDWIN AALDERS, Principle Researcher & Strategic Advisor to the CTCN, DNV GL

**Speakers:**
- RAJIV GARG, Communication Manager, CTCN
- PETER STOREY, Global Coordinator, CTI PFAN
- BIRAMA DIARRA National Designated Entity (NDE), Mali, CTCN
- Tba, ENDA, CTCN, Consortium Partner
- Tba, Private Sector representative*

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### SIDE EVENT 30

**IEA Technical Day: Welcome From the IEA Executive Director**

The Executive Director of the IEA will introduce the Agency’s key messages to COP 21 and his vision for the role of the IEA in supporting countries’ transformations of their energy sectors to low-carbon.

**Speakers:**
- FATIH BIROL, Executive Director, IEA

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### SIDE EVENT 31

**IEA Technical Day: Scene-Setter: The Impact of INDCs on the Energy Sector**

The INDCs that have been submitted by over 150 countries would, if fully implemented, dramatically slow the growth in energy related emissions, shifting the trajectory of operations and investment in the energy sector. This session will outline IEA’s analysis of the energy sector implications of INDCs.

**Speakers:**
- KAMEL BEN NACEUR, Director of Sustainable Policy and Technology, IEA
10:30 - 11:00
Business Hub
Room Marrakech

**BUSINESS HUB MEDIA BRIEFING**

Business point of view on the negotiations.

Session Coord: KS

10:45 - 12:30
Business Hub
Room Paris

**SIDE EVENT 33**

**IEA TECHNICAL DAY: FIVE KEY ACTIONS TO PEAK GLOBAL ENERGY EMISSIONS, LED BY ENERGY EFFICIENCY AND RENEWABLES**

The IEA has identified a set of five actions – the Bridge Strategy – that support economic growth and energy access, and can lead global emissions to peak around 2020 using proven technologies. Moving beyond the INDCs with these cost-effective actions can keep the below-2°C goal within reach.

Speakers: To be announced

12:30 - 12:45
Short Break

12:45 - 14:15
Business Hub
Room Paris

**SIDE EVENT 34**

**IEA TECHNICAL DAY: ACCELERATING ENERGY TECHNOLOGY INNOVATION TO MAKE DECARBONISATION CHEAPER AND EASIER**

Reducing the cost and improving the performance of low-carbon technologies are essential to make the transformation of energy systems affordable and feasible and thereby mobilising climate action. This session outlines the need and solutions for scaled up support and investment, and as well as the importance of collaboration among developed and developing countries, and public and private entities.

Speakers: To be announced
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<thead>
<tr>
<th>Time</th>
<th>Session Description</th>
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<tr>
<td>14:15 - 14:30</td>
<td>Short Break</td>
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<td>14:30 - 16:00</td>
<td><strong>SIDE EVENT 35</strong>&lt;br&gt;IEA TECHNICAL DAY: USING THE PARIS AGREEMENT TO DRIVE SHORT-TERM ACTIONS CONSISTENT WITH LONG-TERM EMISSION GOALS&lt;br&gt;Transformational change of energy systems is needed to meet long-term climate goals. This session will focus on elements needed in the Paris agreement to drive a focus on transformation: a long-term emissions goal linked to a five-yearly review cycle of short-term targets, and a strong tracking framework that measures both achievement of short-term targets and progress toward longer-term energy sector transformation.&lt;br&gt;&lt;br&gt;<strong>Session Coord:</strong> LS&lt;br&gt;&lt;br&gt;<strong>Speakers:</strong> To be announced</td>
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<td>16:00 - 16:15</td>
<td>Short Break</td>
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<td>16:15 - 17:45</td>
<td><strong>SIDE EVENT 36</strong>&lt;br&gt;IEA TECHNICAL DAY: ENHANCING ENERGY SECURITY BY MAKING THE ENERGY SYSTEM MORE RESILIENT TO CLIMATE CHANGE IMPACTS&lt;br&gt;The energy sector faces multiple threats from climate change, in particular from extreme weather events and increasing water stress. This session will focus on experiences and analysis to make energy systems ready to withstand climate change impacts, maintain critical energy services during extreme events, and recover quickly from any residual damages.&lt;br&gt;&lt;br&gt;<strong>Session Coord:</strong> LS&lt;br&gt;&lt;br&gt;<strong>Speakers:</strong> To be announced</td>
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<td>17:45 - 18:00</td>
<td>Short Break</td>
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<td>18:00 - 19:00</td>
<td><strong>SIDE EVENT 37</strong>&lt;br&gt;IEA COCKTAIL RECEPTION&lt;br&gt;Open for Business Lounge&lt;br&gt;&lt;br&gt;<strong>Session Coord:</strong> LS</td>
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SIDE EVENT 38

SCALING-UP ADAPTATION FINANCE – IS IT REALLY A MISSION IMPOSSIBLE?

Description: While there is no doubt that adaptation finance needs to be significantly scaled-up to deal with climate change, it remains only a small fraction of global climate finance and the poor cousin of mitigation finance. This side event will explore some new ways to increase adaptation finance. The panel comprises of adaptation specialists and investment professional from the private and public sector. Discussion will focus on financial mechanisms for countries most vulnerable to climate change and include concrete project examples and ideas how adaptation can be better integrated in infrastructure project finance and as standalone activity.

Moderator: MATTHEW ARNDT, Head of Policy, Head of Environment, Climate and Social Policy, European Investment Bank

Speakers: MICHAEL MULLEN, Team Leader Climate Change Adaptation, OECD
          KARSTEN LÖFFLER, Managing Director, Allianz Climate Solutions
          CHERYL DIXON, Coordinator, Climate Change, Caribbean Development Bank
          CRAIG DAVIES, Senior Manager, Climate Change Adaptation, EBRD
          JAY KOH, Managing Director and Partner, Siguler Guff

SIDE EVENT 39

POLICY BRIEFING: SOLUTIONS: SCALING UP TECHNOLOGY DEPLOYMENT POST- 2020

Description: Daily insights on a central topic to the negotiations with importance for business at COP, covering the below three points, followed by a question & answer session:

- What is the current status on the issue?
- Where do you see it in the Paris package and what are the expectations after Paris?
- How do you expect it will affect business and drive climate action?

Moderator: MARIA MENDILUCE, Managing Director, Climate & Energy, WBCSD

Speakers: DAVE TURK, Deputy Assistant Secretary for International Climate and Technology Department of Energy, US, Department of Energy, US*
FRIDAY 4 DECEMBER

8:30 - 9:00
Tea & Coffee Time

9:00 - 12:00
Business Hub
Room Paris

**SIDE EVENT 40**

**GETTING TO ZERO: NATIONS, CITIES, COMPANIES, PRODUCTS & SERVICES**

*Description:* COP21 is going to start the process of getting to global net zero GHG emissions by 2050. There has already been, amongst business, an increasing focus on carbon neutrality over the last couple of years but Paris could mark the beginning of a renaissance for a policy level focus on the same goal. This session will explore how the deployment of carbon neutrality in nations, cities, companies, and product and service companies is delivering against net zero goals, and what role it can play in a post-Paris world.

*Session Coord:* SG

*Moderator:* JONATHAN SHOPLEY, Managing Director, CarbonNeutral from Natural Capital Partners

*Keynotes:* CHRISTIANA FIGUERES, Executive Secretary, UNFCCC*

*Speakers:* Panelists will include representatives from Governments, Cities and Corporations that have formulated and are executing carbon neutral / net zero strategies.

10:30 - 11:00
Business Hub
Room Marrakech

**SIDE EVENT 41**

**BUSINESS HUB MEDIA BRIEFING**

*Description:* Business point of view on the negotiations.

*Session Coord:* KK/SD

12:00 - 13:30
Business Hub
Room Paris

**SIDE EVENT 42**

**ADAPTING BUSINESSES TO CLIMATE CHANGE IN A MODERN GLOBALIZED ECONOMY**

*Description:* Climate change poses complex challenges for business due to the interconnectedness between risks and impacts in the modern globalised economy as well as the uncertainty associated with the timing and magnitude of projected changes. Businesses are beginning to identify their exposure to climate change issues, understand the financial implications and develop mitigation strategies and adaption response plans in order to ‘climate ready’ their operations going forward. This side event will showcase innovative approaches to understanding the risks posed by physical climate impacts in the future and the business case for adaptation.

*Session Coord:* LS

*Moderator:* LISA CONSTABLE, Principal Consultant – Air Quality and Climate Change, ERM

*Speakers:* RASMUS VALANKO, Manager for Climate & Energy, WBCSD

JAMES CLOSE, Director, World Bank

Discussants will be composed of selected private sector multinationals with extended supply chains.
SIDE EVENT 43

OPPORTUNITIES FROM EU CLIMATE POLICY: THE VISION OF ECONOMIC & SOCIAL AGENTS

**Description:**
EU climate policy represents an opportunity to contribute towards a sustainable economic model. An efficient design and implementation of EU climate goals and policies will mean a boost to the growth and productivity of the economy, generating wealth and jobs. Ambitious climate change targets and adequate CO2 price signals will promote investment in low-carbon technologies and more rational use of energy, which in turn leads to sustained gains in competitiveness, industrial development and access to new markets. Panellists will discuss the wide range of opportunities created by climate policy under a global perspective.

**Session Coord:** WBCSD

**Moderator:** PETER BAKKER, President & Chief Executive Officer, WBCSD

*Keynote Address on the EU Climate Proposal for the COP*
MIGUEL ANGEL ARIAS CANETE, Commissioner for Climate Action & Energy, European Commission

**Round Table Panelists:**
IGNACIO SANCHEZ GALÁN, Chairman & Chief Executive Officer, Iberdrola
EMMA MARCEGAGLIA, President, Business Europe
GUNTRAM WOLFF, Director, Bruegel
FELIPE CALDERÓN, Chair, Global Commission on the Economy and Climate

SIDE EVENT 44

THE SCALING UP RENEWABLES LCTPi

**Description:**
Leading companies in the renewable energy space are working together in the Low Carbon Technology Partnerships initiative to develop business-driven action plans to break down barriers to accelerated renewable energy deployment. In this session members will share how they are implementing new business models and financing approaches, and proactively engaging with policymakers and regulators to improve renewable energy integration. Key focus areas are scaling green bond finance, encouraging corporate renewable energy procurement, improving grid integration and electricity market design, and accelerating the deployment of low carbon microgrids.

**Panelists:** Panelists include representatives from IEA, EDP, CLP, Iberdrola, Vestas and Welspun Energy
### Sidebar Event 45
**How the UNFCCC Architecture Can Help Mobilise International Resources to Support CCS**

**Description:**
The Kyoto Protocol, the CDM and the GCF all recognise CCS as environmentally sound technologies. From an ENGO and technology experts perspective, how must the evolving UNFCCC architecture, including its Technology Mechanism, support CCS activities as well as attract non-UNFCCC and non-state actors?

**Session Coord:** KS

**Moderator:** MARK BONNER, Principal Manager, International Climate Change, Global CCS Institute

**Speakers:**
- ULRIKA RAAB, Senior Advisor, Swedish Energy Agency
- ERWIN JACKSON, Deputy Chief Executive Officer, The Climate Institute
- ED WHITTINGHAM, Executive Director, Pembina Institute
- JONAS HELSETH, Director, Bellona Europa
- ELINA LEVINA, Energy Analyst, IEA

### Sidebar Event 46
**The Paris Puzzle: The Pathway to a Low-Emissions Future**

**Description:**
The side-event will focus on IPIECA’s The Paris Puzzle: The pathway to a low-emissions future, which lays out the oil and gas industry’s view on the challenges the world faces in transitioning to a low-emissions future. The event will review the key messages from The Paris Puzzle, and then focus on a panel and audience discussion of what they heard.

**Session Coord:** LS

**Moderator:** DAVID HONE, Chief Climate Change Adviser, Shell

**Speakers:**
- LIZ ROGERS, Vice President Environment, BP & Vice-Chair, IPIECA
- FATIH BIROL, Executive Director, IEA
- LIGIA NORONHA, Director of Division of Technology, Industry and Economics, UNEP
- ELLIOT DIRINGER, Executive Vice President, C2ES
- JÉRÔME SCHMITT, Executive Vice President of Sustainable Development, Total
- ARTHUR LEE, Fellow and Principle Advisor, Chevron

### Sidebar Event 47
**Policy Briefing: Means: Longer Term Predictability of Public Funds and Low Carbon Investment**

**Description:**
Daily insights on a central topic to the negotiations with importance for business at COP, covering the below three points, followed by a question & answer session:

- What is the current status on the issue?
- Where do you see it in the Paris package and what are the expectations after Paris?
- How do you expect it will affect business and drive climate action?

**Session Coord:** TL/BB

**Moderator:** ABYD KARMALI, Managing Director, Climate Finance, Bank of America Merrill Lynch

**Speakers:**
- PAUL BODNAR, National Security Council, The White House*
9:00 - 9:30
Tea & Coffee Time

9:30 - 11:00
Business Hub
Room Marrakech

SIDE EVENT 48

INDUSTRY SUPPORT FOR RESPONSIBLE GLOBAL HFC MANAGEMENT AND POLICIES

Description: ICCP and its partner organization, the Alliance for Responsible Atmospheric Policy, have led industry efforts to develop innovative voluntary initiatives. As founding industry members in the public-private Climate and Clean Air Coalition (CCAC) to reduce short-lived climate pollutants, ICCP and the Alliance announced the formation of the Global Food Cold Chain Council and the Global Refrigerant Management Initiative at the September 2014 UN Climate Summit. Speakers will discuss progress towards the goals of these efforts to reduce the use and emissions of high-GWP HFCs and enhance energy efficiency in the food cold chain, as well as achieve a 30%-50% reduction in HFC emissions from refrigerant servicing within 10 years. Additionally, speakers will provide industry reflections on the latest developments in the effort to address HFCs through the Montreal Protocol.

Moderator: KEVIN FAY, Executive Director, International Climate Change Partnership

Speakers: JOHN MANDYCK, Chief Sustainability Officer, United Technologies
NANETTE LOCKWOOD, Global Director, Climate Policy, Ingersoll Rand
BILL MCQUADE, Director of Technology, Energy Efficiency and the Environment, Johnson Controls
MATT RITTER, Director, Government Affairs, Arkema

9:30 - 11:00
Business Hub
Room Paris

SIDE EVENT 49

ADVANCING LOW CARBON TRANSPORT FUELS TECHNOLOGIES TO THE NEXT GENERATION

Description: A group of companies that have been part of the LCTPi low carbon transport fuels will present a range of innovative solutions and technology advancements in this space.

Session Coord: WBCSD

Speakers: Panelists include representatives from Lanzatech, Joule, DSM, Novozymes, Clariant, POET, Pannonia, Granbio, amongst others.
### SIDE EVENT 50

**RESILIENT CITIES, SUSTAINABLE URBAN DEVELOPMENT AND HUMAN SETTLEMENT INITIATIVE**

**SESSION 1: GREEN METROPOLITAN SOLUTIONS AND URBAN INFRASTRUCTURE**

As cities continue to attract the majority of the world's population, they need to incorporate and implement significant strategies to manage increasing density, demand for resources, and climate change. During this side event, world-leading sustainable thinkers will contribute their experiences, thoughts and actions to the discourse on our sustainable future. This event uses examples from around the world to demonstrate how various businesses have benefited from improvements within cities.

**Speakers:**
- HARRY VERHAAR, Head of Global Public & Government Affairs, Philips
- BO CLAES BÖRJE SCHEIBE, Chief Executive Officer, Envac
- SIR ROBERTO CARLOS PUPIN, Lord Mayor, City of Maringá, Brazil
- IRIS FLACCO, Head of Department of Energy Policy, Air Quality and National Environmental Information System, Regione Abruzzo
- BRIAN URRUTIA LOZANO, Economic Analyst, Suema

### SIDET EVENT 51

**RESILIENT CITIES, SUSTAINABLE URBAN DEVELOPMENT AND HUMAN SETTLEMENT INITIATIVE**

**SESSION 2: GREEN TRANSPORT AND INNOVATION IN URBAN MOBILITY**

Changing how we travel and embracing new technologies is key to making our cities cleaner, greener and happier. While cities recognise and espouse the benefits of building low carbon, resilient economies, they need to use every opportunity to progress further. The first step is to strengthen and expand existing public transportation networks so that they are more convenient and more accessible. Secondly, we need to invest in sustainable transportation technology to create fuel efficient and low-emissions vehicles. Finally, we need to design biking and walking friendly cities. With these investments, we can transition to a cleaner, safer, and more affordable transportation infrastructure.

**Speakers:**
- SERGIO MONTEIRO, Director, Ecofrotas
- ARND BÄTZNER, Director, Mobility Systems + Services
- BENOÎT PERRIN, Vice President Marketing, Alstom Transport
- CÉCILE TEXIER, Sustainability Director, Alstom Transport
SIDE EVENT 52

SCALING UP CLIMATE ACTION AND CLEAN ENERGY THROUGH TRADE: INNOVATIVE OPTIONS

Effectively addressing the challenges of climate change requires significant changes at multiple levels of policy making. This includes the global trade and investment systems. Trade has the potential to be a powerful tool for scaling up clean energy and climate-friendly goods, and for transferring mitigation and adaption technologies. This session will highlight findings from a joint ICTSD - World Economic Forum project, the E15 Initiative, in collaboration with Climate Strategies, Chatham House and the Friedrich Ebert Stiftung, which proposes innovative options for the global trade - and climate change regimes that can help achieve climate and development objectives.

DAVID RUNNALLS, Chairman of the Governing Board, ICTSD
RICARDO MELÉNDEZ-ORTIZ, Chief Executive, ICTSD
NICOLA BORREGARD, Chief, Sustainable Development Division, Ministry of Energy, Chile*
SCOTT VAUGHAN, President, IISD
JAMES BACCHUS, Chair, Global Practice, Greenberg Traurig
THOMAS L. BREWER, Senior Fellow, ICTSD
HARRO VAN ASSELT, Research Fellow, Stockholm Environment Institute
RICK SAMANS, Managing Director, World Economic Forum*

14:00 - 17:00
Business Hub
Room Paris

Description:  
Session Coord: LS
Moderator: DAVID RUNNALLS, Chairman of the Governing Board, ICTSD
Speakers:

SIDE EVENT 53

POLICY BRIEFING: SOLUTIONS: INCREASING AMBITION AND ROLE OF THE PRIVATE SECTOR

Daily insights on a central topic to the negotiations with importance for business at COP, covering the below three points, followed by a question & answer session:

• What is the current status on the issue?
• Where do you see it in the Paris package and what are the expectations after Paris?
• How do you expect it will affect business and drive climate action?

CHRISTINE FEDIGAN, Head of Corporate Climate Policy, ENGIE
JANOS PASZTOR, Assistant Secretary-General on Climate Change, UN*

18:15 - 18:45
Business Hub
Room Marrakech

Description:  
Session Coord: SD/BB
Moderator: CHRISTINE FEDIGAN, Head of Corporate Climate Policy, ENGIE
Speakers: JANOS PASZTOR, Assistant Secretary-General on Climate Change, UN*
### 3 EXAMPLES OF CLIMATE FINANCE USING PRIVATE PUBLIC PARTNERSHIPS (PPPs): BRAZIL (TOCANTINS STATE), US AND CHINA

**Description:** The State of Tocantins is seeking outside expertise and capital to initiate a deforestation program in a State where the large deforestation drivers are soy and beef production. Rilin Group is implementing a Climate Change strategy designed by China Green Certification which involves investment in Climate Change projects. Rilin imports soy from Brazil and will now invest in the creation of a Tocantins State jurisdictional carbon project. Participants will explain their reasons for cooperating on this important Amazon forest protection initiative. As well, PPP investments in natural coastal forests and wetlands in the US and China will be discussed. These investments are seen as a way to draw corporate finance into needed natural coastal defences against rising ocean levels and increased storm action, which threaten coastal populations and infrastructure.

**Moderator:** SHAWN BURNS, Chief Executive Officer, China Green Certification Inc.

**Speakers:**
- MARCELLA MIRANDA, Governor, State of Tocantins, Brazil
- LUZIMEIRE RIBEIRO DE MUORA CARREIRA “MIERE”, Secretary of Environment and Water Resources, SEMARH
- SIG ROGICH, Chief Executive Officer, Rogich Communications
- WENLIANG WANG, Chairman, China Rilin Industrial Group
- GUOMO ZHOU, Dean, Zheijiang University of Agriculture and Forestry

### ENERGY EFFICIENCY, RENEWABLE ENERGY AND INVESTMENT PROJECTS

**Description:** Climate change, pollution, and energy insecurity are significant problems and addressing them requires major changes to energy infrastructures. Renewable energy technologies are essential contributors to the energy supply portfolio, as they contribute to world energy security, reduce dependency on fossil fuels, and provide opportunities for mitigating greenhouse gases. Climate-disrupting fossil fuels are being replaced by clean, climate-stabilizing, non-depletable sources of energy.

**Moderator:** ENRIQUE DÍAZ, President, Agrobanco

**Speakers:**
- OSWALDO MADRID, General Manager, Petroamazonas
- CHRISTIAN THIEL, Chief Executive Officer, EnergyNest AS
- SAMUEL O. BATCHO, Coordonnateur National, UCF / MCA-Bénin
- FRIDTJOF UNANDER, Executive Director of the Division for Energy, Resources and the Environment, The Research Council of Norway

### BUSINESS HUB MEDIA BRIEFING

**Description:** Business point of view on the negotiations.
SIDE EVENTS AT COP21/CMP11

11:30 - 12:50
Business Hub
Room Paris

COMPARING MITIGATION EFFORT ACROSS THE WORLD: HOW TO TRADE EMISSIONS AFTER PARIS?

Description: This session will explore the challenges and possible solutions for linkages of carbon pricing systems in the post-2020 context. With carbon pricing increasingly becoming a ‘hot topic’ amongst investors, governments, and the broader business community ahead of and during COP21 in Paris, this session will highlight the roles and efforts the 2015 Agreement can provide in expanding the map, effectiveness, and international fungibility of various carbon pricing systems around the world.

Session Coord: JS

Moderator: DIRK FORRISTER, President & Chief Executive Officer, IETA

Speakers: ROBERT STAVINS, Director, Harvard Project on Climate Agreements
GIB METCALF, Professor of Economics, Tufts University
DAVID HONE, Chief Climate Change Adviser, Shell International Research
VIKRAM WIDGE, Head, Climate and Carbon Finance, World Bank Group
ANDREI MARCU, Senior Advisor, CEPS

12:50 - 13:00 Short Break

13:00 - 14:30
Business Hub
Room Paris

SUPPORTING THE SUCCESS OF GREEN CLIMATE FUND PROJECTS: THE IMPORTANT ROLE OF SUSTAINABILITY AND ENVIRONMENTAL & SOCIAL SAFEGUARDS

Description: The Green Climate Fund has adopted Guidelines to ensure that sustainability and environmental & social safeguards are incorporated in all GCF-supported projects. The success of GCF projects in reducing GHG emissions and promoting low-carbon technologies will be bolstered by host country and stakeholder enthusiasm for projects also contributing to sustainability, environmental and social needs. This side event will hear presentations from experts about best practice to incorporate the sustainability, environmental and social dimensions into climate-friendly project finance. There will be an opportunity for questions and discussion with audience participation.

Session Coord: KS

Moderator: LEE SOLSBERY, Global Technical Leader for Energy and Climate Change, ERM

Speakers: Tba, Senior Representative, Green Climate Fund (GCF)
LINDEN EDGELL, Global Sustainability Program Director, ERM
Tba, Senior Expert, Private Sector
MONDAY 7 DECEMBER

14:30 - 17:30
Business Hub
Room Paris

Description:
A unique trade agreement, the Environmental Goods Agreement (EGA), is being negotiated between more than 40 countries, including many of the world's largest producers of clean energy technologies. The deal will result in improved global access to cheaper, more competitive climate relevant technologies worldwide, and therefore contribute to climate action. This session will provide an overview and analysis of the climate-relevance of the EGA, and place it in the broader context of the possible role of trade in responding to the challenges of climate change.

Session Coord: LS

Moderators:
JAKE COLVIN, Vice President, Global Trade Issues, NFTC
RICARDO MELÉNDEZ-ORTIZ, Chief Executive, ICTSD

Speakers:
TIM GROSER, Minister of Trade and Climate Change Issues, New Zealand
PASCAL LAMY, Former Director General, WTO *
JEAN PAUL THUILLIER, Permanent Representative, WTO, France*
MORTEN DYRHOLM, Head of Global Public Affairs, Vestas Wind Systems A/S
DEBRA WAGGONER, Director, Global Government Affairs, Corning Incorporated
GEN SHIMADA, Chairman, International Trade and Investment Committee, Japan Machinery Center for Trade and Investment*
INGRID JEGOU, Senior Manager, ICTSD

17:30 - 18:30
Business Hub
Room Paris

Description:
The INDCs describe a step change in effort to address climate change and are probably the most relevant part of the Paris negotiations for companies. Many of the INDCs are explicit about goals in particular sectors, and the scale of investment in the low carbon transition implied is estimated to be up to $700bn per year in the EU and China alone. The private sector should expect further regulation of emissions, increasing the direct or implied price of carbon, and more incentives for investment in low carbon infrastructure. During the discussion we will address the critical role of the financial services sector in delivering this investment. The levels of investment needed for the low carbon transition will require not just the mobilisation of investors, but also the creation and innovation of financial products to finance and insure the projects involved.

Session Coord: LS

Moderator:
JON WILLIAMS, Partner, PwC Sustainability & Climate Change

Speakers:
SAMY BEN-JAAFAR, Director, Private Sector Facility, Green Climate Fund (GCF)
ABYD KARMALI, Managing Director, Climate Finance, Bank of America Merrill Lynch Tbc*
### SIDE EVENT 63

**Description:** As more governments worldwide are developing market mechanisms to reduce GHG emissions, this side event explores how the public and private sectors could work together for capacity building in order to develop a system most suitable for each jurisdiction, as well as find common interests for businesses that operate in multiple jurisdictions as a way to promote market linkage.

**Moderator:** ROBERT SHIH, General Manager, YC Consultants, Ltd.

**Speakers:**
- ADRIEN DE BASSOMPIERRE, PMR Coordinator, World Bank Group*
- JEFF SWARTZ, International Policy Director, IETA
- HUI-CHEN CHIEN, Executive Director, GHG Reduction Management Office, Taiwan EPA
- DIRK WEINREICH, Head of Division KI I 3, Legal Issues Climate Policy and Energy, Emissions Trading, BMUB, Germany
- HYUNG-SUP LEE, Senior Deputy Director, Climate Change Mitigation Division, Ministry of Environment, Republic of Korea
TUESDAY 8 DECEMBER

### SIDE EVENT 64

**PUTTING IT ALL TOGETHER: MAXIMIZING THE POTENTIAL OF MARKET-BASED MECHANISMS ACROSS NORTH AMERICA**

**Description:** By invitation only, a round table discussion of market leaders, legal experts, analysts and government decision makers will discuss how to stitch together and maximize the potential of current and future market-based mechanisms to reduce emissions across North America and what tools might be employed to do so. Markets covered will include Cap-and-Trade and Low Carbon or Renewable Fuel Standards across California, Canadian Provincial Programs (Alberta, Quebec, Ontario, and BC), US Federal initiatives (Clean Power Plan) and potential new Canadian Federal Frameworks. Topics discussed for each mechanism will include how programs can be linked to maximize results, what’s working well, existing challenges and how they might be overcome, and how each program may change or evolve in the future.

**Roundtable Speakers:**
- Canadian Government Regulators and Decision Makers from Alberta, British Columbia, Ontario and Quebec and the Federal Government
- US Government Regulators and Decision Makers from California, RGGI States, and the US EPA
  - KATIE SULLIVAN, Director of North America, IETA
  - KEVIN TOWNSEND, Chief Commercial Officer, Blue Source
  - YVAN CHAMPAGNE, President, Blue Source Canada
  - RICK SAINES, Partner, Baker & McKenzie

### SIDE EVENT 65

**SUBNATIONAL LEADERSHIP ON EMISSIONS TRADING ACROSS THE US SESSION 1: MARKET TOOLS TO SUPPORT FOREST ACTION**

**Description:** Forests have a significant role to play in the fight against climate change, both by sequestering additional carbon from the atmosphere and by avoiding the emissions of carbon due to deforestation. This panel will examine real examples of how carbon markets are creating positive change on forest lands in the US and across the world. Leaders from California, China and elsewhere will discuss the policies and incentives that are leading this effort and will consider the potential for future expansion of this market.

**Moderator:** BRIAN MURRAY, Director of the Environmental Economics Program, Nicholas Institute at Duke University

**Speakers:**
- MARY NICHOLS, Chair, California Air Resources Board
- JAIME SEVERINO, Carbon Projects and Markets Program, Mexico Department of Forestry (CONAFOR)
- STEVE SCHWARTZMAN, Director of Tropical Forest Policy, Environmental Defense Fund (EDF)
**SIDE EVENT 68**

**SUBNATIONAL LEADERSHIP ON EMISSIONS TRADING ACROSS THE US SESSION 2: BUILDING AND CONNECTING SUBNATIONAL AND REGIONAL MARKETS**

Description: Early visions of a top-down single global carbon market effectively covering all major emitting jurisdictions has given way to a series of programs operating either independently or through linkages. In North America, the Western Climate Initiative (WCI) provides a foundation to link California’s cap-and-trade program with other jurisdictions. Mexico is exploring carbon market options and their possibility of linkage to US and Canadian markets. The North American landscape is changing, as the US EPA implements its Clean Power Plan, allowing power plants to trade emissions across state lines. This moderated dialogue session convenes policymakers and experts involved in these active North American carbon markets to discuss the prospects for efficient achievement of ambition in reducing emissions at the national, continental and global scales.

Moderator: TIM PROFETA, Director, Nicholas Institute, Duke University

Dialogue Participants: MATT RODRIGUEZ, Secretary, California Environmental Protection Agency  
BILL RITTER, Director CNEE, & Former Governor of Colorado Center for the New Energy Economy  
HON. GLEN MURRAY, Minister of Environment and Climate Change, Ontario  
RODOLFO LACY, Undersecretary, Mexico Ministry of the Environment (SEMARNAT)
TUESDAY 8 DECEMBER

FINANCING THE DEMONSTRATION AND DEPLOYMENT OF CCS IN DEVELOPING COUNTRIES

Meeting decarbonisation objectives in a cost effective manner means significant deployment of CCS in both developed and developing countries. This event will discuss ways and means of financing CCS in the energy and industrial sectors, with a focus on developing countries. Key financial actors and experts will give their views.

BRAD PAGE, Chief Executive Officer, Global CCS Institute
NICK STERN, IF Patel Chair of Economics and Government, Grantham Institute (LSE)
FATIH BIROL, Executive Director, IEA
ABYD KARMALI, Managing Director & Head of Carbon Markets, Bank of America Merrill Lynch
RODOLFO LACY, Undersecretary of Environment Policy and Planning, Mexico
NAGASAWA TAKESHI, Deputy Director General For Economics and Social Policy, METI
ANITA GEORGE, Senior Director Global Practice on Energy and Extractive Industries, World Bank
ASHOK BHARGAVA, Director Energy Division, ADB
ASHLEY IBBETT, Director of Office of CCS, DECC, UK

CORPORATES, ARE YOU #READYFOR2020? – HOW TO REACH YOUR RENEWABLE ENERGY TARGETS

An ever increasing number of businesses make carbon and renewable energy pledges. A progressive movement of innovative and bold companies strives to embrace renewable energy solutions to tackle climate change and create business value. How to match the supply and demand and what tools and instruments exist to reach corporate renewable energy targets?

STEVEN TEBBE, Managing Director Europe, CDP
RENAT HEUBERGER, Chief Executive Officer, South Pole Group
Tba, Statkraft
DAVID BERSCH, Head Business Development GP, Swiss Re
Tba, World Resources Institute (WRI)

THREE STEPS TO GREEN FINANCE

International & national financial institutions and projects: How are they connected? Three Steps to Green Finance will comment on barriers, and discuss ways (or ‘steps’) to overcoming them by looking at (1) how public sources of funding can be leveraged to mobilize private investments and (2) how to optimally ‘blend’ these two types of financing to achieve scale.

MAHUA ACHARYA, Assistant Director-General, GGGI
YVO DE BOER, Director-General, GGGI & Former Executive Secretary of UNFCCC
EDGAR GUTIERREZ-ESPELETA, Minister of Environment and Energy, Costa Rica
PABLO VIEIRA SAMPER, Vice Minister of Environment and Sustainable Development, Colombia
ADMASU NEBEDE, Head of CRGE Facility & Director of UN Agencies & Regional Economic Cooperaion Directorate, Ministry of Finance and Economic Cooperation, Ethiopia
JOYCELIN GOCO, Assistant Secretary, Climate Change Commission, Philippines
ALEX MULISA, Coordinator, National Fund for Environment and Climate Change, Rwanda
Cement sector contributing to low-carbon development through collaboration

Aware of the vital role that cement and concrete plays and will continue to play in the future of our modern society (with increasing urbanised population and mobility needs development), and aware of the significant challenge that mitigating the CO2 emissions from cement production represents, the cement sector has made long-term committed efforts towards low-carbon development on a global scale. Collaboration both within and beyond the sector is necessary to deliver against aspirational goal and bring upon progressive advancement in low-carbon development for the sector and along its value chain.

Philippe Fonta, Managing Director, CSI & TIP, WBCSD
Zhiping Song, Chairman, China National Building Materials Group Corporation
Eric Olsen, Chief Executive Officer, LafargeHolcim

Policy briefing: means: climate finance, institutions and private sector investment

Daily insights on a central topic to the negotiations with importance for business at COP, covering the below three points, followed by a question & answer session:

- What is the current status on the issue?
- Where do you see it in the Paris package and what are the expectations after Paris?
- How do you expect it will affect business and drive climate action?

Katie Sullivan, Director, Climate Finance & North American Policy, IETA
Hela Cheikhrouhou, Executive Secretary, GCF
### TUESDAY 8 DECEMBER

#### 18:30 - 20:00
**Business Hub**
**Room Paris**

<table>
<thead>
<tr>
<th>Description:</th>
<th>DEVELOPING AN AVIATION MARKET-BASED MEASURE (MBM) AT INTERNATIONAL CIVIL AVIATION ORGANIZATION (ICAO)</th>
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<tbody>
<tr>
<td>Session Coord:</td>
<td>SD</td>
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<tr>
<td>Moderator:</td>
<td>MICHAEL GILL, Executive Director, Air Transport Action Group (ATAG)</td>
</tr>
</tbody>
</table>
| Speakers: | DIRK FORRISTER, President & Chief Executive Officer, IETA  
|           | JONATHON COUNSELL, Group Head of Sustainability, International Airlines Group  
|           | ALEX HANAFI, Senior Manager of Multilateral Climate Strategy, Environmental Defense Fund  
|           | Tba, Airline Representative* |

#### 18:30 - 20:30
**Open for Business Lounge**

<table>
<thead>
<tr>
<th>Description:</th>
<th>CSI COCKTAIL RECEPTION</th>
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<tr>
<td>Session Coord:</td>
<td>WBCSD</td>
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<tr>
<td>Time</td>
<td>Event Description</td>
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<tr>
<td>7:30 - 8:00</td>
<td>Tea &amp; Coffee Time</td>
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<td>8:00 - 10:00</td>
<td><strong>SIDE EVENT 77</strong> CANADA-WIDE CLIMATE COLLABORATION: THE WAY FORWARD</td>
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<td></td>
<td>Description: A new ‘climate dynamic’ is emerging in Canada thanks to several</td>
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<td>development such as high-level political summits and a great number of innovative</td>
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<td>mitigation and adaptation initiatives. The panel will discuss new collaboration</td>
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<td>pathways that the different governments in Canada are undertaking and considering</td>
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<td>in tackling climate change. It will also be an opportunity for these governments</td>
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<td>to present their vision of where their own jurisdiction and Canada as a whole are</td>
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<td>heading in the fight against climate change.</td>
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<td>10:00 - 12:00</td>
<td><strong>SIDE EVENT 78</strong> LOW CARBON TECHNOLOGY PARTNERSHIPS INITIATIVE: RESULTS AND</td>
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<td>OUTLOOK TO 2016</td>
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<td>Description: After 12 months of intensive work since the launch of LCTPi at</td>
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<td>COP20 in Lima, we are pleased to present the results of 140 companies and nearly</td>
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<td>50 partners working together to develop action plans for the scale up of low</td>
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<td>carbon technologies and business solutions. Speakers will share the contribution</td>
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<td>that LCTPi will make to reducing emissions and the wider benefits that it could</td>
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<td>bring across the world. Tangible next steps for implementation in 2016 will also</td>
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<td>be discussed. The event will be followed by lunch in the lounge area.</td>
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<td></td>
<td>Moderator: PETER BAKKER, President &amp; Chief Executive Officer, WBCSD</td>
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<td></td>
<td>Speakers: LAURENCE TUBIANA, Ambassador for Climate Change, Government of France*</td>
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<td>JEFFREY SACHS, Chief Executive Officer, SDSN</td>
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<td>FATIH BIROL, Executive Director, IEA</td>
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<td>RICHARD LANCASTER, Chief Executive Officer, CLP*</td>
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<td>DAVID CRANE, Chief Executive Officer, NRG*</td>
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<td>10:30 - 11:00</td>
<td><strong>SIDE EVENT 79</strong> BUSINESS HUB MEDIA BRIEFING</td>
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<td>Description: Business point of view on the negotiations.</td>
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LAUNCH OF THE CLIMATE TECHNOLOGY CENTRE AND NETWORK (CTCN) ENGAGEMENT PLATFORM

The CTCN is launching a new Engagement Platform to build and leverage partnerships in the deployment of climate technologies. Through the Platform, the CTCN will bring together private sector, government, and other stakeholders to create enabling environments for INDC commitments to be operationalized via regional working groups on climate technologies. The MISSION of the CTCN is to stimulate technology cooperation, enhance the development and transfer of technologies, and assist developing country Parties at their request. The CTCN recognizes that governments play a critical role in developing policies and creating enabling environments, but it is through the private sector and research, (building on the efforts of governments, and in collaboration with civil society) that we will achieve the level of action needed to effectively address climate change.

ASUNCION LERA ST. CLAIR, Senior Principal Scientist, DNV GL

LIGIA NORONHA, Director, UNEP Division of Technology, Industry and Economics

JUKKA UOSUKAINEN, Director, CTCN

Tba, CSIR Representative, South Africa

Tba, National Designated Entity, CTCN

Tba, Private Sector Representative

CARBON PRICING LEADERSHIP CEO ROUNDTABLE

The Paris climate change agreement is an opportunity to set climate policy for years to come. With thousands of businesses joining the calling for carbon pricing, the Paris Agreement needs to ensure a key role for policies that putting a price on carbon. Businesses are calling on governments to cooperate on carbon pricing as it will allow greater emissions reductions to be achieved quicker and at lower cost than if every country acts on its own, while also reducing competitiveness concerns. CEO’s from across the world and from different sectors will highlight in this session the importance of carbon pricing to help address the climate challenge and why the Paris agreement must recognise this important and effective policy tool.

DIRK FORRISTER, President & Chief Executive Officer, IETA

PETER BAKKER, President & Chief Executive Officer, WBCSD

MAGNUS HALL, Chief Executive Officer, Vattenfall

ANDREW VESEY, Chief Executive Officer, AGL

FEIKE SIJBESMA, Chief Executive Officer and Chairman of the Managing Board, Royal DSM

ELDAR SÆTRE, Chief Executive Officer, Statoil* 

JEAN-BERNARD LÉVY, Chief Executive Officer and chairman, EDF

RICHARD KENDALL LANCASTER, Chief Executive Officer, CLP Group

PEKKA LUNDMARK, President & Chief Executive Officer, Fortum*

CLAUDIO DESCALZI, Chief Executive Officer, ENI*

CHRISTIAN WILHELM RYNNING-TØNNESEN, Chief Executive Officer, Statkraft
SIDE EVENT 83

**SPOTLIGHT ON AUSTRALIA: POLICY, BUSINESS AND MARKETS**

**Description:**
Australian climate policy, and the business response to climate change, have been on a rollercoaster for the last few years, and with an election year ahead there are a few twists and turns to come. This workshop will involve leaders from Federal and State Government, business and academia to discuss and debate: the current state of play in Australia, the Government’s plan to meet 2030 targets, how the Emissions Reduction Fund is operating, the potential effectiveness of a safeguard mechanism under which large emitting facilities will be required to stay below an emissions baseline, the developments at the state level, the domestic carbon market and the ways businesses are starting to carve out leadership positions.

**Moderator:**
PETER CASTELLAS, Chief Executive Officer, Carbon Market Institute

**Speakers:**
HON. JULIE BISHOP, Foreign Minister, Australia
HON. MARK BUTLER, Shadow Minister for the Environment, Climate Change and Water, Australia
HON. IAN HUNTER, Minister for Climate Change Premier, South Australia
STAN KRPAN, Chief Executive Officer, Sustainability Victoria
ANDY VESEY, Chief Executive Officer, AGL Energy
MEGAN FLYNN, Group Manager, Environment & Carbon Strategy, Qantas

SIDE EVENT 84

**CHINA’S CARBON MARKET: LEADING BY EXAMPLE**

**Description:**
With 7 emissions trading programmes operational across China, there are now lessons and experiences from China’s domestic emissions market that are of interest to anyone interested in climate change. China’s approaches to emissions trading also differ from that of other countries but are incorporating key lessons from the EU ETS and the Californian carbon market. On top of all of this existing activity, the Chinese government aims to launch a national ETS in 2017. This session will explore existing experiences and opportunities to come in China’s carbon market.

**Moderator:**
JEFF SWARTZ, Director, International Policy, IETA

**Speakers:**
JIANG ZHAOLI, Deputy Director, NDRC Climate Change Department*
JEFF HUANG, Managing Director, China, ICE
MICHAEL FOSH, Partner, Reed Smith LLP
MARY VERONICA TOVSAK PLETERSKI, Director, European and International Carbon Markets, European Commission*
WEDNESDAY 9 DECEMBER

18:15 - 18:45
Business Hub
Room Marrakech
SIDE EVENT 65

POLICY BRIEFING: SOLUTIONS: TECHNOLOGY INVESTMENT AND DEPLOYMENT FOR 2°C

Description: Daily insights on a central topic to the negotiations with importance for business at COP, covering the below three points, followed by a question & answer session:
• What is the current status on the issue?
• Where do you see it in the Paris package and what are the expectations after Paris?
• How do you expect it will affect business and drive climate action?

Session Coord: BB

Moderator: PETER BAKKER, President & Chief Executive Officer, WBCSD

Speakers: CARLOS FULLER, Deputy Director, Caribbean Community Climate Change Center, Belize
KUNI SHIMADA, Chief Executive Officer, KS International Strategies & Special Advisor to the Minister of the Environment, Japan

18:30 - 19:30
Business Hub
Room Paris
SIDE EVENT 86

CLEARING THE AIR: POWER SECTOR EFFORTS TO ADDRESS CLIMATE CHANGE

Description: This event will highlight steps US electric utilities are taking to reduce their carbon emissions, and challenges and opportunities in implementing the new Clean Power Plan, a centerpiece of the US strategy to meet its nationally determined contribution to the Paris agreement.

Session Coord: TL

Moderator: DIRK FORRISTER, President & Chief Executive Officer, IETA

Speakers: BRIAN WOLFF, Executive Vice President, Public Policy and External Affairs, Edison Electric Institute (EEI)
DIANE DENTON, Director, Environmental and Energy Policy, Duke Energy
HELEN BURT, Senior Vice President, External Affairs and Public Policy, Pacific Gas and Electric Corporation (PG&E)
CATHY WOOLLUMS, Senior Vice President, Environmental and Chief Environmental Counsel, Berkshire Hathaway Energy

19:00 - 19:30
Open for Business Lounge
SIDE EVENT 87

IETA’S AUSTRALIA & NEW ZEALAND WORKING GROUP INFORMAL GATHERING

Description: The IETA Secretariat is happy to announce that it plans to strengthen its engagement with the Australia & New Zealand working group. This informal gathering will be an occasion to meet the IETA staff leading the Working Group, hear our plans and priorities for 2016 as well as to share with us your views and expectations.

Session Coord: SdC
The impact that strong and credible climate change policies may have on national economies and Government budgets is similar in character to those which could be provoked by other forces such as technological advances, discovery of new resources, behavioural change and shifting economic models. An advantage is that unlike other factors, climate change policies are progressing in steps; this gives Governments the possibility to progressively adapt their economic and fiscal systems so that the opportunities linked to a low carbon future are fully grasped.

Objectives:
• Improve the understanding of the mechanisms through which climate change policies may affect public finance.
• Encourage Governments to act strategically by mainstreaming climate change considerations into their budgets and fiscal policies.
• Discuss how institutions such as the EBRD can support investments and help develop regulations, green fiscal regimes and market mechanisms that make economies move swiftly towards a green economy transition.

Moderator: NICHOLAS STERN, I.G. Patel Professor of Economics and Government, LSE & Former Chief Economist of the EBRD and of the World Bank

Speakers:
IAN PARRY, Principal Environmental Fiscal Policy, MF
JAMES CLOSE, Director for Climate Policy and Finance, World Bank Group
Tba, Ministry of Finance, Norway*
Tba, Bank of England *
NICK MABEY, Chief Executive Officer, E3G
RACHEL MOUNTFORD, Director, World Resources Institute
DAVID NELSON, Director, Climate Policy Initiative
MATTIA ROMANI, Managing Director, Country and Sector Economics, EBRD

Description:
Providing humanity with tools, including energy resources, to economically grow and prosper while at the same time addressing climate change is one of the most urgent issues the world faces today. As a large consumer of energy, the chemical industry has much at stake in the overlapping issues of energy supply and use, energy efficiency, and climate change. Encouraged by the past energy efficiency and conservation efforts achieved by the chemical industry, this side-event is intended to showcase concrete tools available that helps businesses account for their carbon ‘foot-print’ and ‘hand-print,’ and associated policy options needed to scale up such tools to help meet global climate objectives.

Moderator: LILA KARBASSI, Head, Environment and Climate, UN Global Compact

Speakers:
PAUL SIMPSON, President, Carbon Disclosure Project
JORGE SOTO, Sustainable Development Director, Braskem
Tba, Value Chain Partner*
THURSDAY 10 DECEMBER

10:30 - 11:00
Open for Business Lounge

BUSINESS HUB MEDIA BRIEFING

Description:
Business point of view on the negotiations.

Session Coord: KK/SdC

12:00 - 13:30
Business Hub Room Paris

THE ROAD FROM PARIS: THE POTENTIAL VALUE OF INTERNATIONAL EMISSIONS TRADING PARTNERSHIPS IN IMPLEMENTING CURRENT AND FUTURE PLEDGES

Description:
What do the INDCs mean for global emissions and how will countries ultimately achieve their goals? Given the scope of the climate challenge, it is critically important to look beyond sectors, borders and the near-term to explore potential policy designs, and to identify measures that could reduce mitigation costs. In addition to considering the potential emissions consequences of pledges, this session explores the potential opportunities for international partnerships for emissions trading, characterizing those opportunities and examining the implications and benefits for society.

Session Coord: TL

Moderator:
DIRK FORRISTER, President & Chief Executive Officer, IETA

Speakers:
RICHARD RICHELS, Director of Global Climate Change Research, Electric Power Research Institute (EPRI)
STEVEN ROSE, Senior Research Economist, Electric Power Research Institute (EPRI)
NAT KEOHANE, Vice President of Global Climate, Environmental Defense Fund (EDF)
MICHAEL OPPENHEIMER, Albert G. Milbank Professor of Geosciences and International Affairs, Princeton University
ROBERT STAVINS, Albert Pratt Professor of Business and Government, John F. Kennedy School of Government, Harvard University

12:30 - 14:30
Open for Business Lounge

ICCA LUNCH RECEPTION

Session Coord: WBCSD
### SIDE EVENT 93

**DEMOCRATIZING CLEAN ENERGY: CALIFORNIA AND OTHER GOVERNMENTS FOCUS ON CLIMATE EQUITY**

**Description:** A panel discussion led by California Senate leader Kevin de León on the framework of climate and energy policies enacted in the US state of California, the seventh largest economy in the world, along with other international efforts designed to achieve equitable distribution of clean energy in poor communities impacted by pollution and emerging nations. Panelists include leaders in environmental justice and representatives from India, Mexico, and South Africa.

**Session Coord:** KS

**Moderator:** GARY GERO, President, Climate Action Reserve

**Panelists:** Panelists include California Senate President Pro Tem Kevin De Leon along with legislative leaders from Mexico, India, and South Africa.

### 15:00 - 15:30 Short Break

### SIDE EVENT 94

**ENGAGING THE TRILLIONS – INNOVATIVE CLIMATE FINANCE MECHANISMS FOR INSTITUTIONAL INVESTORS**

**Description:** Significant new investment in low carbon infrastructure is needed to simultaneously sustain global economic growth and address climate change concerns. The financing gap could be at least partially filled by institutional investors that seek uncorrelated and higher yielding investment alternatives while playing their part to address climate change. This side event presents some recent examples and new ideas allowing institutional investors to engage on climate finance. It will discuss existing products, such as green bonds, and other examples and ideas for innovative financing structures that use public funds to mobilise more private capital.

**Session Coord:** LS

**Moderator:** CHRISTOPHER KNOWLES, Head of Climate and Environment, European Investment Bank

**Panelists:** BARBARA BUCHNER, Senior Director, Climate Policy Initiative  
SIMON ZADEK, Co-Director, Inquiry into the Design of a Sustainable Financial System  
SEAN KIDNEY, Chief Executive Officer, Climate Bond Initiative  
JOHN TOBIN-DE LA PUENTE, Managing Director and Global Head of Sustainability, Credit Suisse  
Tba, Inter-American Development Bank (IDB)  
ALEX MURRAY, Principal, Beetle Capital Partners

### SIDE EVENT 95

**BUSINESS AND GOVERNMENTS CALL FOR AMBITION**

**Description:** Business and governments call for Ambition. What are the visions for our ambitions? What will be the impact on us and business? A panel discussion between governments, business and researchers to think out of the box and the bright, new, clean and cool future.

**Session Coord:** LS

**Panelists:**
THURSDAY 10 DECEMBER

18:30 - 19:00
Business Hub
Room Marrakech

DESCRIPTION:
Policy Briefing: Status Update on COP 21: Where Are We on Transforming the Global Economy and Keeping Below 2°C?

Daily insights on a central topic to the negotiations with importance for business at COP, covering the below three points, followed by a question & answer session:
• What is the current status on the issue?
• Where do you see it in the Paris package and what are the expectations after Paris?
• How do you expect it will affect business and drive climate action?

Co-Moderators:
DIRK FORRISTER, President & Chief Executive Officer, IETA
PETER BAKKER, President & Chief Executive Officer, WBCSD

Speaker:
JONATHAN PERSHING, Principal Deputy Director, Office of Energy Policy and Systems Analysis, DoE, US

SIDE EVENT 97

18:45 - 20:00
Open for Business Lounge

IETA & WBCSD Cocktail Reception

Session Coord: LS

SIDE EVENT 98

21:30 - MIDNIGHT

IETA COP21 Nightcap Reception

On Invitation Only, For IETA Members & Friends

Session Coord: LS
10:00 - 10:30
Tea & Coffee Time

10:30 - 11:00
Business Hub
Room Marrakech

POLICY BRIEFING: BEYOND PARIS – THE BUSINESS LANDSCAPE

Description:
Daily insights on a central topic to the negotiations with importance for business at COP, covering the below three points, followed by a question & answer session:

- What is the current status on the issue?
- Where do you see it in the Paris package and what are the expectations after Paris?
- How do you expect it will affect business and drive climate action?

Moderator:
CHRISTIANA FIGUERES, Executive Secretary, UNFCCC*

Panelists:
Panelists include business leaders from around the world.

18:15 - 18:45
Business Hub
Room Marrakech

BUSINESS HUB MEDIA BRIEFING

Description:
Business point of view on the negotiations.

Session Coord: KK/SdC

Panelists include business leaders from around the world.
WE WOULD LIKE TO THANK OUR COP21/CMP11 PARTNERS:

AIR TRANSPORT ACTION GROUP (ATAG)

The Air Transport Action Group (ATAG) is a highly respected not-for-profit association that represents all sectors of the air transport industry. The Air Transport Action Group (ATAG) is a highly respected not-for-profit association that represents all sectors of the air transport industry. It is the only global industry-wide body to bring together all aviation industry players so that they can speak with one voice – and it works to promote aviation’s sustainable growth for the benefit of our global society. ATAG’s existence is entirely dependent upon funding from its members. These include airports, airlines, airframe and engine manufacturers, air navigation service providers, airline pilot and air traffic controller unions, chambers of commerce, tourism and trade partners, ground transportation and communications providers. The diversity of ATAG’s membership adds to its credibility and high level of influence with international decision-makers.

Contact Person: HALDANE DODD, Head of Communications, Doddh@atag.org

ALSTOM

As a promoter of sustainable mobility, Alstom develops and markets systems, equipment and services for the railway sector. Alstom manages the widest range of solutions in the market – from high-speed trains to metros and trams – and associated maintenance, modernisation, infrastructure and signaling solutions. Alstom is a world leader in integrated railway systems. Alstom’s ambition is to be the preferred partner of its customers for their transport solutions in all geographic locations and all market segments. With a customer-focused organisation across the globe, Alstom offers a complete range of solutions and constantly innovates to create value for its customers. The company strives for operational and environmental excellence and bases its success on a diverse and entrepreneurial team across the globe.

Contact Person: SIMONE BARES, Director Policy Development & CSR, simone.bares@chq.alstom.com

BLUE SOURCE

Blue Source is a well-established leader in North American compliance and voluntary emissions trading markets, specializing in a wide range of environmental commodities, including carbon offsets, RINs and many others. Since 2001, Blue Source has developed and participated in over 200 greenhouse gas emission reduction projects resulting in more registered US and Canadian offset credits, including in the California and Alberta compliance programs, than any other organization. Representing over 20 different emission reduction and renewable energy project types, Blue Source provides comprehensive development, technical and commercial services supporting the transition to the low-carbon economy, ranging from forest conservation, mine methane abatement and biogas utilization to utility-scale mitigation strategies and structured transactions. For more information, please visit: www.bluesource.com and www.bluesourcecan.com.

Contact Person: KEVIN TOWNSEND, Chief Commercial Officer, ktownsend@bluesource.com

BUSINESS COUNCIL FOR SUSTAINABLE ENERGY (BCSE)

The Business Council for Sustainable Energy (BCSE) is a broad business coalition representing clean energy industries, including renewable energy, supply-side and demand-side energy efficiency, and natural gas and electric utilities in North America. The BCSE is an advocate for policies that increase the use of commercially-available clean energy technologies and drive investment into a low-carbon, diversified energy portfolio. For more information, please visit http://www.bcse.org to download the Sustainable Energy in America Factbook for the latest market data, and follow on Twitter: @BCSE-CleanEnergy

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CARBON MARKET INSTITUTE (CMI)

The Carbon Market Institute is an independent membership-based not-for-profit organisation and the peak body for Australian carbon market participants. CMI’s aim is to assist Australian businesses in meeting the challenges and opportunities associated with market-based approaches to emissions reduction and the transition to a low carbon economy. CMI has established an important role as the leading climate change and business association in Australia and facilitates the networks, knowledge exchange and commercial interaction amongst key government policy makers and regulators, industry, financiers and investors, professional services companies and technology solution providers.

Contact Person: PETER CASTELLAS, Chief Executive Officer, peter.castellas@carbonmarketinstitute.org

CARBON NEUTRAL FROM NATURAL CAPITAL PARTNERS

CarbonNeutral from Natural Capital Partners (www.carbonneutral.com) works with clients to combine business success with positive impact on the environment and society. Founded in 1997 and with more than 300 clients in 34 countries, including Microsoft, UPS, M&S and Sky, the company delivers a broad range of products and services for carbon, energy, water, biodiversity and communities in direct operations, consumer markets and supply chains - the world's natural capital. The company launched The CarbonNeutral Protocol in 2002 as the global standard for statements of carbon neutrality by entities, products and services. The Protocol is reviewed annually by a panel of experts and updated to reflect the latest scientific and industry best practice.

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CEFIC

Cefic is the forum and the voice of the chemical industry in Europe. As the voice of the European chemical industry, Cefic is a committed partner to EU policymakers, facilitating dialogue with industry and sharing our broad-based expertise. We represent 29,000 large, medium and small chemical companies in Europe, which directly provide 1.2 million jobs and account for 17% of world chemical production. The chemical industry is a pillar of the European economy, a €551 billion industry in 2014 showing a significant trade surplus of €43.5 billion. Based in Brussels since our founding in 1972, we interact every day on behalf of our members with international and EU institutions, non-governmental organisations, the international media, and other stakeholders.

Contact Person: WILLIAM GARCIA, Cefic Executive Director for Energy & HSE, wga@cefic.be

CARBON TRADE EXCHANGE (CTX)

Carbon Trade Exchange (CTX) was founded in 2009 to operate spot exchanges in multiple global environmental commodity markets, including Carbon, Renewable Energy Certificates (RECs) and Water. The commercialised technology platforms that we operate allow us to cover the various products that exist within multiple markets and provide an exchange by which sellers and buyers are matched in a secure and efficient manner. The exchange technology uniquely interfaces with multiple environmental commodity registries, including APX, Climate Action Reserve, American Carbon Registry, VCS, Gold Standard and the Australian REC Registry. It also electronically links to financial intermediaries, such as Wells Fargo in North America and Westpac in Australia to ensure the safe, secure and easy management of participant funds.

Contact Person: WAYNE SHARPE, Chairman & Founder, wayne.sharpe@ctxglobal.com
CENTRE FOR EUROPEAN POLICY STUDIES (CEPS)

Founded in Brussels in 1983, the Centre for European Policy Studies (CEPS) is among the most experienced and authoritative think tanks operating in the European Union today. CEPS serves as an leading forum for debate on EU affairs, but its most distinguishing feature lies in its strong in-house research capacity, complemented by an extensive network of partner institutes throughout the world. CEPS organises a variety of activities, involving its members and other stakeholders in the European policy debate, including national and EU-level policy-makers, academics, corporate executives, NGOs and the media. More information at www.ceps.eu.

Contact Person: KATJA TUOKKO, Research Assistant, katja.tuokko@ceps.eu

CEMENT SUSTAINABILITY INITIATIVE (CSI)

The Cement Sustainability Initiative (CSI) is a global effort by 26 leading cement producers, with operations in more than 100 countries. Collectively these companies account for around 30% of the world's cement production and range in size from very large multinationals to smaller local producers. All CSI members have integrated sustainable development into their business strategies and operations, as they seek strong financial performance with an equally strong commitment to social and environmental responsibility. The CSI is an initiative of the World Business Council for Sustainable Development (WBCSD). www.wbcsdcement.org

Contact Person: PHILIPPE FONTA, Managing Director, fonta@wbcsd.org

CHEVRON

Chevron is one of the world's leading integrated energy companies. Our success is driven by our people and their commitment to get results the right way—by operating responsibly, executing with excellence, applying innovative technologies and capturing new opportunities for profitable growth. We are involved in virtually every facet of the energy industry. We explore for, produce and transport crude oil and natural gas; refine, market and distribute transportation fuels and lubricants; manufacture and sell petrochemical products; generate power and produce geothermal energy; provide renewable energy and energy efficiency solutions; and develop the energy resources of the future, including research into advanced biofuels.

Contact Person: ARTHUR LEE, Chemical Engineer, rlas@Chevron.com

CHINA RILIN/CHINA GREEN

The China Rilin Industrial Group is a construction, transportation and agricultural product conglomerate. It's modern agriculture business imports and processes 4 million metric tons of soy beans and corn from the US, and Brazil. It produces high quality soybean oils under its own brand, lecithin and vitamin E for Chinese markets. Rilin Group's subsidiary, Dandong Shipbuilding Industry Co. Ltd., has built three dock berths and shipways with 50,000 metric ton each and has an annual capacity to build 30 engineering vessels and ultra large tugboats. In 2012, Rilin Group signed a heavy industry cooperation contract with Korean Daewoo Shipbuilding & Marine Co., Ltd., and is planning to build a world class marine engineering equipment manufacturing base with an annual production capacity up to 6 million DWT.

Contact Person: SHAWN BURNS, Chief Executive Officer, Shawn@greenrct.com
CLIMATE TECHNOLOGY CENTRE AND NETWORK (CTCN)

The CTCN promotes the accelerated transfer of environmentally sound technologies for low carbon and climate resilient development at the request of developing countries. We provide technology solutions, capacity building and advice on policy, legal and regulatory frameworks tailored to the needs of individual countries. The CTCN facilitates the transfer of technologies through: providing technical assistance at the request of developing countries to accelerate the transfer of climate technologies, creating access to information and knowledge on climate technologies, and fostering collaboration among climate technology stakeholders via the Centre’s network of regional and sectoral experts from academia, the private sector, and public and research institutions.

Contact Person: EDWIN AALDERS, Principle Researcher & Strategic Advisor to the CTCN, edwin.aalders@dnvgl.com

CLIMATE ACTION RESERVE (CAR)

CAR is the most experienced, trusted and efficient offset registry to serve the carbon markets. With deep roots in California and a reach across North America, the Reserve encourages actions to reduce GHG emissions and works to ensure environmental benefit, integrity and transparency in market-based solutions to address global climate change. It operates the largest accredited registry for the California compliance market and has played an integral role in the development and administration of the state’s cap-and-trade program. For the voluntary market, the Reserve establishes high quality standards for carbon offset projects, oversees independent third-party verification bodies and issues and tracks the transaction of carbon credits (Climate Reserve Tonnes) generated from such projects in a transparent, publicly-accessible system. The Reserve program promotes immediate environmental and health benefits to local communities and brings credibility and value to the carbon market.

Contact: GARY GERO, President, gary@climateactionreserve.org

DENTONS

Dentons is a global firm driven to provide you with the competitive edge in an increasingly complex and interconnected marketplace. Dentons is built on the solid foundations of three highly regarded law firms. Each built its outstanding reputation and valued clientele by responding to the local, regional and national needs of a broad spectrum of clients of all sizes – individuals; entrepreneurs; small businesses and start-ups; local, regional and national governments and government agencies; and mid-sized and larger private and public corporations, including international and global entities.

Contact Person: JEFFREY C. FORT, Partner, jeffrey.fort@dentons.com

DET NORSKE VERITAS

The newly formed DNV GL Group became operational on September 12, 2013. It followed a long courtship which included numerous relationship-building advances and discussions about co-operation and mergers in 1986, 2000 and again in 2006. Changes in ownership and strategic alignment between the two companies and their leadership provided new opportunities, and the merger was finally successful. The DNV GL Group comprises approximately 16,000 employees operating in over 100 countries. Today DNV GL is well positioned as a global player within the maritime, oil and gas, and energy industries as well as food and health care to meet new challenges, while balancing the needs of business and society.

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ELECTRIC POWER RESEARCH INSTITUTE (EPRI)

The Electric Power Research Institute, Inc. conducts research, development and demonstration (RD&D) relating to the generation, delivery and use of electricity for the benefit of the public. An independent, nonprofit organization, we bring together scientists and engineers as well as experts from academia and the industry to help address challenges in electricity. Our work spans nearly every area of electricity generation, delivery and use, management and environmental responsibility. We provide both short- and long-term solutions in these research areas for the electricity industry, its customers and society.

Contact Person: STEVEN ROSE, Senior Research Economist, srose@epri.com

ENVIRONMENTAL DEFENSE FUND (EDF)

We’re one of the world’s largest environmental organizations, with more than one million members and a staff of 500 scientists, economists, policy experts, and other professionals around the world. We believe prosperity and environmental stewardship must go hand in hand. We’re optimists, because we have seen our ideas make a huge difference. And we build strong partnerships across interests to ensure lasting success. We achieve results by finding solutions that benefit people while protecting natural systems.

Contact Person: DEREK WALKER, Associate Vice President, Global Climate, dbwalker@edf.org

ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)

ERM is a leading global provider of sustainability services covering the full spectrum of environmental, health and safety, risk and social consulting issues. Combining local focus with global scale, ERM has a unique platform for understanding local context and regulatory needs, as well as the unparalleled ability to leverage the best technical expertise around the world. ERM’s climate change practice has unrivalled experience in supporting the private sector understand and manage climate change risk and resilience and has worked with a number of governments and public sector organisations on climate vulnerability and adaptation globally. Established over 40 years ago, ERM has over 150 offices in 40 countries and territories with more than 5,000 specialists representing 30+ disciplines.

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EUROPEAN BANK FOR RECONSTRUCTION AND DEVELOPMENT (EBRD)

EBRD promotes entrepreneurship through financial investment, business services and involvement in high-level policy dialogue in the EBRD Countries of Operation, which include Eastern Europe, Caucasus, Central Asia and the South and East Mediterranean. The EBRD addresses the climate change challenge through its Sustainable Resource Initiative under which it finances energy efficiency and renewable energy investments, climate change adaptation projects and investments that aim to minimise water and material use. The EBRD has recently announced to scale up its climate finance activities under the Green Economy Transition targeting to finance €18 billion of green projects in the next five years.

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EUROPEAN INVESTMENT BANK (EIB)

The European Investment Bank (EIB) is the European Union’s bank and the world’s largest multilateral lender by volume. Supporting low-carbon and climate resilient growth is one of the EIB top priorities. Through our operations, we act as a catalyst mobilising investment in favour of climate action in more than 160 countries around the world. Building on over fifty years’ experience and know-how, we complement our traditional lending with innovative finance products and technical assistance tools to help with project preparation, development and implementation. Over the past five years, the EIB invested more than EUR 90bn into projects contributing to mitigate and adapt to climate change worldwide. www.eib.org/climate

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THE GLOBAL CARBON CAPTURE AND STORAGE INSTITUTE (GCCSI)

The Global CCS Institute is an international membership organisation. Our mission is to accelerate the development, demonstration and deployment of carbon capture and storage (CCS), a vital technology to tackle climate change and provide energy security. Working with and on behalf of our Members, we drive the adoption of CCS as quickly and cost effectively as possible by sharing expertise, building capacity and providing advice and support so that this vital technology can play its part in reducing greenhouse gas emissions. Our diverse international membership consists of governments, global corporations, small companies, research bodies and non-government organisations, committed to CCS as an integral part of a low-carbon future.

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GLOBAL GREEN GROWTH INSTITUTE (GGGI)

The Global Green Growth Institute is an international organization dedicated to supporting and promoting strong, inclusive, and sustainable economic growth in developing countries and emerging economies. GGGI supports developing and emerging countries in exploring how green growth can help achieve economic growth and development objectives through two complementary and integrated work streams: Green Growth Planning & Implementation and Knowledge Solutions. GGGI has 37 programs in 22 countries, helping integrate green growth into regional or national economic goals.

Contact Person: JUNG WOO LEE, Senior Program Manager, jungwoo.lee@gggi.org
IBERDROLA

IBERDROLA has undergone a wide-ranging transformation over the last ten years which has enabled it to advance through the ranks to become the number one Spanish energy group, one of the Spanish main companies on the Ibex 35 by market capitalisation, the world leader in wind energy, and one of the world's top power companies. Our work has led us to an international reference position, becoming one of the leading operators in the UK, one of the largest producers of wind energy in the USA, the main private generator of Mexico and as the electricity supplier with the most customers in Brazil. Thanks to its strategic projection, IBERDROLA is today a leading multinational group, that combines a talent pool that brings together different cultures, languages and traditions, which faces the future as a great team.

Contact Person: GONZALO SAENZ DE MIEVA, Director, gsaenz@iberdrola.es

ICROA

ICROA is a non-profit professional industry body hosting a membership of businesses that deliver carbon reduction and offset services. ICROA members operate globally and are managed by an independent secretariat housed within the IETA. The primary aim of ICROA is to promote best practices in carbon management and offsetting to support voluntary climate mitigation efforts. ICROA provides consumer protection for parties wishing to voluntarily manage and offset their carbon emissions by ensuring its member companies follow and publically report against the ICROA Code of Best Practice, which provides specific requirements for the manner in which ICROA members provide their carbon footprinting, greenhouse gas reduction advice and offset services. ICROA members are 3rd party audited to assure the quality of their services.

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I4CE

I4CE is an initiative of Caisse des Dépôts and Agence Française de Développement. The Think Tank provides independent expertise and analysis when assessing economic issues relating to climate & energy policies in France and throughout the world. I4CE aims at helping public and private decision-makers to improve the way in which they understand, anticipate, and encourage the use of economic and financial resources aimed at promoting the transition to a low-carbon economy. I4CE benefits from a large network of partners.

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INSTITUTIONS

INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE (ITRI)

ITRI is one of the world's leading technology R&D institutions aiming to innovate a better future for society. Based on its long-term partnership with various industry sectors, ITRI offers a wide range of services, from technical to business consultation, to the international community; and the open lab and incubation for new ventures and emerging industries. The Institute has also incubated more than 240 innovative companies since 1973, including well-known names such as UMC and TSMC. Headquartered in Taiwan, ITRI has five branch offices in Silicon Valley, Tokyo, Berlin, Moscow, and Eindhoven to extend its R&D innovation across the globe.

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INTERNATIONAL CENTRE FOR TRADE AND SUSTAINABLE DEVELOPMENT (ICTSD)

Founded in 1996, ICTSD is an independent non-profit organisation based in Geneva, Switzerland. The goal of the organisation is to advance sustainable development through trade-related policy-making. Trade-related policy frameworks can serve as powerful drivers of sustainable development in global policymaking and global inclusion if those engaged in negotiations incorporate emerging knowledge on economic, environmental, and social issues. In doing so, they are empowered to better understand their own interests, build bridges to others, and advance mutually acceptable solutions. ICTSD’s vision is a sustainable world, supported by national, regional, and international trade policy and frameworks that support inter-generational equity.

Contact Person: SONJA HAWKINS, Programme Officer, Climate and Energy, SHawkins@ictsd.ch

INTERNATIONAL CLIMATE CHANGE PARTNERSHIP

ICCP is a global coalition of companies and trade associations from diverse industries committed to constructive and responsible participation in the international policy process concerning global climate change. ICCP was organized in 1991 as small group of large companies. It was one of the first groups to recognize the credibility of climate science and has worked to establish a credible voice for business in the development of international climate policy. ICCP believes that international efforts must be guided by sound and credible scientific information and supported by a credible technology and economic assessment process. ICCP encourages the international community to manage, rather than react to, the challenge of climate change.

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INTERNATIONAL COUNCIL OF CHEMICAL ASSOCIATIONS (ICCA)

The International Council of Chemical Associations (ICCA) is the world-wide voice of the chemical industry, representing chemical manufacturers and producers all over the world. ICCA is a chemical industry sector with 2012 turnover of 3,000 billion euros. ICCA members (incl. observers & Responsible Care members) account for more than 90 percent of global chemical sales. ICCA promotes and co-ordinates Responsible Care® and other voluntary chemical industry initiatives. ICCA is also the main channel of communication between the industry and various international organizations that are concerned with health, environment and trade-related issues.

Contact Person: WILLIAM GARCIA, Cefic Executive Director for Energy & HSE, wga@cefic.be

INTERNATIONAL ENERGY AGENCY (IEA)

The International Energy Agency (IEA) is an autonomous organisation which works to ensure reliable, affordable and clean energy for its 29 member countries and beyond. It is at the heart of global dialogue on energy, providing authoritative statistics, analysis and recommendations. The IEA’s four main areas of focus are energy security, economic development, environmental awareness, and engagement worldwide.

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INTERNATIONAL PETROLEUM INDUSTRY ENVIRONMENTAL CONSERVATION ASSOCIATION (IPIECA)

IPIECA is the global oil and gas industry association for environmental and social issues. It develops, shares and promotes good practices and knowledge to help the industry improve its environmental and social performance, and is the industry’s principal channel of communication with the United Nations. Through its member-led working groups and executive leadership, IPIECA brings together the collective expertise of oil and gas companies and associations. Its unique position within the industry enables its members to respond effectively to key environmental and social issues.

Contact Person: ROBERT SIVETER, Climate Change Project Manager, Robert.Siveter@ipieca.org

LOW CARBON TECHNOLOGY PARTNERSHIPS INITIATIVE (LCTPi)

The Low Carbon Technology Partnerships initiative (LCTPi) brings together companies and partners to accelerate the development of low-carbon technology solutions that can help limit global warming to below the 2°C ceiling. LCTPi is led by the World Business Council for Sustainable Development in partnership with the Sustainable Development Solutions Network (SDSN) and International Energy Agency (IEA).

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MINISTÈRE DU DÉVELOPPEMENT DURABLE, DE L’ENVIRONNEMENT ET DE LA LUTTE CONTRE LES ChangEMENTS CLIMATIQUES (MDDELCC) QUEBEC

Mission: Contribuer au développement durable du Québec par la protection de l’environnement, la préservation de la biodiversité et la Lutte contre les changements climatiques.
Vision: Dans la continuité de ses responsabilités de première importance auprès des citoyens et de ses partenaires, le Ministère s’engage à :
Miser sur la protection de l’environnement et du patrimoine naturel pour contribuer à un développement durable avec la collaboration de ses partenaires
Valeurs: Pour réaliser sa mission, le Ministère appuie son action sur la créativité de ses employés et sur des valeurs d’équité, de rigueur, de responsabilité, de transparence et de respect.

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NORTON ROSE FULBRIGHT

Norton Rose Fulbright is a global legal practice with more than 3800 lawyers and legal staff based in more than 50 cities across Europe, the United States, Canada, Latin America, Asia, Australia, Africa, the Middle East and Central Asia. We play a leading role in advising clients in respect of low carbon, renewables and climate finance projects; low carbon development pathways; carbon credit generation projects; carbon trading; carbon offset projects and broader climate change regulation. We advise a wide variety of clients including project developers, banks, utilities, trading houses and public authorities. Norton Rose Fulbright is among only a few global legal practices with substantial experience in the area of sustainability and we regularly assist organisations with sustainability, clean energy, climate change and renewables policy, as well as legislative drafting.

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PRICWATERHOUSECOOPERS (PWC)

At PwC, our purpose is to build trust in society and solve important problems. With more than 208,000 people worldwide, we are committed to delivering quality in assurance, advisory and tax services. Climate change has emerged as one of the most important political and business issues of our time. PwC works with companies and policy makers helping to analyse the issues and develop practical solutions. We help our clients understand which issues will have the greatest impact, and develop and implement strategies to address them.

Contact Person: JONATHAN GRANT, Director, Sustainability and Climate Change, jonathan.grant@uk.pwc.com

RESPONDING TO CLIMATE CHANGE (RTCC)

RTCC is a not-for-profit organization and is an official Observer to the United Nations Framework Convention on Climate Change (UNFCCC) the Convention for Biological Diversity (CBD) and the United Nations Convention to Combat Desertification (UNCCD). It holds “Special Advisory Status” with The United Nations Economic and Social Council (ECOSOC) as well as officially supporting UNFCCC in its outreach programme.

Contact Person: JAMES RAMSEY, Executive Director, james@rtcc.org

SEQUANA

A global player in the paper industry with a presence over five continents in more than 45 countries, Sequana operates in the distribution (representing two thirds of its sales) and production of papers. Innovation lies at the very heart of its marketing and sales policy in each of its activities in order to offer a wide range of products and services to a diversified client base, composed primarily of printers and large companies. Sequana reported sales of €3.4 billion in 2014 and employed some 9,600 people worldwide.

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SHELL

Shell is a global group of energy and petrochemical companies. Our headquarters in The Hague, the Netherlands. The parent company of the Shell group is Royal Dutch Shell plc, which is incorporated in England and Wales. Our strategy seeks to reinforce our position as a leader in the oil and gas industry in order to provide a competitive shareholder return while helping to meet global energy demand in a responsible way. In Upstream, we focus on exploring for new oil and gas reserves and developing major projects where our technology and know-how adds value to the resource holders. In Downstream, our emphasis remains on sustained gas generation from our existing assets and selective investments in growth markets.

Contact Person: DAVID HONE, Chief Climate Change Advisor CO2 Group, David.hone@shell.com
STARBUCKS

Since 1971, Starbucks Coffee Company has been committed to ethically sourcing and roasting high-quality Arabica coffee. Today, with more than 23,000 stores around the globe, Starbucks is the premier roaster and retailer of specialty coffee in the world. Through our unwavering commitment to excellence and our guiding principles, we bring the unique Starbucks Experience to life for every customer through every cup. To share in the experience, please visit our stores or online at news.starbucks.com and Starbucks.com.

Contact Person: SIMON REDFERN, Director of Public Affairs EMEA, sredfern@starbucks.com

SOUTH POLE GROUP

Zurich-based South Pole Group began as a project-driven company focused on developing and selling high-quality carbon credits. Today, it’s the world’s leading provider of climate solutions. No other firm in the world has developed as many successful emission reduction projects. No other company offers as rich a suite of services and solutions. SPG helps public and private sector organisations develop climate proven policies and strategies. Areas of expertise cover every key sustainability-related area of climate change, including but not limited to: forests & land use, water, sustainable cities & buildings, as well as renewable energy and energy efficiency.

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VATTENFALL

Vattenfall is one of the largest producers of electricity and heat in Europe, active in all parts of the value chain: from fuel supply, electricity and heat production, electricity trading, distribution, sales and energy services. Operations are conducted in the Nordics, Germany, the Netherlands and the UK. Vattenfall’s around 30,200 employees work every day to provide the society with energy in a reliable and safe manner. We supply millions of European customers with heat and electricity from six energy sources; wind, hydro, biomass, nuclear, coal and gas. Vattenfall is highly committed to reducing CO2 emissions and becoming a leader in sustainable production.

Contact Person: SABINE FRONING, Director Public & Regulatory Affairs and Stakeholder Relations, sabine.froning@vattenfall.de

WE MEAN BUSINESS

We Mean Business is a coalition of organizations working with thousands of the world’s most influential businesses and investors. These businesses recognize that the transition to a low carbon economy is the only way to secure sustainable economic growth and prosperity for all. To accelerate this transition, we have formed a common platform to amplify the business voice, catalyze bold climate action by all, and promote smart policy frameworks.

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WORLD BANK GROUP

The World Bank Group, established in 1944, is a source of financial and technical assistance to developing countries around the world, to reduce poverty and support development in an environmentally sustainable manner. It has set two goals for the world to achieve by 2030:

• End extreme poverty by decreasing the percentage of people living on less than $1.25 a day to no more than 3%
• Promote shared prosperity by fostering the income growth of the bottom 40% for every country

Contact Person: SCOTT CANTOR, Climate and Carbon Finance Unit, scantor@worldbank.org

PETRAMAS

Petramas is a private Peruvian company 100% dedicated 20 years to the comprehensive management of solid waste, which aims to preserve the environment, which develops cleaning and street sweeping; collection, transportation and disposal of solid waste; and reducing CO2 emissions and electricity generation. We have three processing plants, solid waste which together with our heavy equipment, fleet collection, modern infrastructure, and an organization with international quality standards, database technology make our services end.

Contact Person: HUGO SALAS, Senior Manager, hsalas@petramas.com
Led by Low Carbon Technology Partnerships initiative

- Renewables
- Carbon Capture & Storage
- Energy Efficiency in Buildings
- Cement
- Low Carbon Transport Fuels
- Climate Smart Agriculture
- Forests & Forest Products as Carbon Sinks
- Low Carbon Freight
- Chemicals
25-27 May 2016
Cologne, Germany

CLIMATE CHANGE IS EVERYONE’S BUSINESS!

ADVANCING THE FUTURE OF CLIMATE MARKETS, FINANCE & TECHNOLOGY

YOUR CONTACTS:

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