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Side Events Program Subject to Modifications
What is IETA

IETA is a non-profit business organisation created in 1999 to serve businesses engaged in the field of carbon markets. Our objective is to develop an emissions trading regime that results in real and verifiable greenhouse gas emission reductions, while balancing economic efficiency with environmental integrity and social equity.

Our work is driven by six key goals:

- To improve the credibility and functionality of today’s carbon markets.
- To promote quality, efficiency and effectiveness in future carbon markets.
- To provide leadership and development opportunities for carbon offsetting.
- To promote effective linkages between carbon pricing systems over time.
- To support effective private sector models of engagement in climate finance.
- To showcase the power of markets in addressing climate change.

IETA upholds its principles by acting as a think tank, a convener of dialogues, an advocate, a market promoter and acting as a body that is able to drive market standards.

As of October 2017, IETA comprises around 136 international companies from OECD and non-OECD countries. IETA has formed several partnerships including, the World Bank, Eurelectric, the World Business Council for Sustainable Development (WBCSD), the California Climate Action Registry, the Edison Electric Institute (EEI), the Electric Power Research Institute (EPRI), among many others.


For more information, see www.ieta.org

SOCIAL MEDIA

Twitter: @IETA
Linkedin: International Emissions Trading Association
Instagram: @ietaclimate
Dear Friends and Colleagues,

Welcome to the IETA & Friends BusinessHub for COP23!

We are pleased that you can join us on the journey from Paris – through Marrakech – and now to “Fiji on the Rhine”!

This has been a year of remarkable progress on carbon markets in many places. The bottom-up world of carbon pricing is gaining momentum. In North America, Ontario launched its economy-wide cap and trade programme in January 2017. This summer, California adopted legislation to extend its successful market programme to 2030. In recent weeks, Ontario agreed to join the Québec and California “carbon club” from January 2018.

At the same time, European leaders have worked hard on reforms to the EU ETS for the coming decade. South Korea considered improvements to its ETS, while China developed its national market. Colombia established a carbon tax and offsetting programme, prompting a new wave of clean entrepreneurial activities and investment. The Pacific Alliance (Chile, Colombia, Mexico and Peru) adopted the landmark Cali Declaration, aimed at cooperating on green growth and creating common standards to enable future voluntary carbon trading to flourish across the region. Preparations for the Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA) are gathering pace, with both ICAO and relevant stakeholders ramping up their work.

These successes demonstrate the resolve of many countries – and non-state actors – to make the Paris Agreement a success. They represent the beginning of a new future, where business and government are working more closely together to meet the climate challenge. But to achieve the Paris ambition of holding warming to 2°C, we need to broaden this movement – and deepen its effectiveness. We need to ensure that climate finance is scaled and channeled to encourage bold plans and deeper commitments, and that awareness of innovative technologies is extended broadly.

Broadening and deepening will only happen if there is successful work on rules for Article 6 here in Bonn. Next year, the accounting rules for international transfers are due, as is the design of the new mechanism to promote mitigation and sustainable development. Bonn needs to achieve concrete text that outlines the choices on how to implement these Paris provisions so that, in the coming year, Parties can converge on a final compromise.

These issues – and more – will be explored at IETA’s COP23 BusinessHub over the next two weeks. We are extremely grateful for the strong showing of support for our Hub from partners across the globe. Together, we showcase an impressive range of events, covering market, finance and technology issues. We hope to share our experiences, gain knowledge, and celebrate notable – and potentially scalable – successes. We hope that, as you participate, you will bring your ideas and experience to the conversation.

Business needs to be at the heart of these discussions. Now more than ever, companies are taking their climate responsibilities seriously. They recognise the risks climate change poses, and they see the opportunities in developing solutions. We are delighted to feature many successful business efforts in the IETA Hub.

We hope you share this spirit of constructive dialogue and engagement. None of us can meet this challenge alone. Let’s look for new ways to work together to help achieve the Paris ambitions.

See you in the Bonn Zone!

Best wishes,

Dirk Forrister
President & CEO, IETA
IETA’S PRIORITIES FOR COP23

Operationalising Article 6 of the Paris Agreement:

IETA believes that Article 6 of the Paris Agreement is essential to delivering its climate goals by enabling greater ambition over time through voluntary cooperation in market-based approaches.

The most significant outcome of COP22 in Marrakech last year was the commitment to prepare all of the elements needed for the implementation of the Paris Agreement, ready for adoption at COP24 next year in Poland. Commonly called the “Paris Rulebook”, it will contain the necessary guidance, rules and procedures for operationalising the market provisions in Article 6.

If the Article 6 Rulebook is going to be ready for adoption in just over a year’s time, negotiators must intensify their work. They should develop the essential elements of a draft negotiating text at COP23 so that it can be refined over the course of 2018 and adopted at COP24.

IETA continues to offer business perspectives on how the Article 6 Rulebook can be optimally designed, drawing from our members’ experiences in carbon pricing systems around the world. After COP21, we developed a document that sets out our vision for Article 6 of the Paris Agreement: A Vision for the Market Provisions of the Paris Agreement.

Our vision begins with the importance of the long-term durability of the Paris Agreement, where its implementation must incentivise the maximum level of emissions reductions – powered by the use of harmonised carbon pricing systems. This objective can be achieved through cooperative action, guided by the optimal implementation of Article 6.

We then elaborated this vision in the form of proposed implementation guidance for Article 6. This is outlined in our Straw Proposal for Article 6, which translates our vision into negotiating text, de facto representing our proposal for how the market provisions of Article 6 should be operationalised.

In order to achieve this, our priorities for Article 6 at COP23 are outlined below. IETA’s priorities for COP23 are based on the principle that the sooner guidance on Article 6 is agreed by the COP, the sooner Parties can begin making relevant decisions and investments in emissions reductions to meet their NDCs.

1. Deliver draft negotiating text for the Article 6 Rulebook

- COP23 should deliver a draft negotiating text, based on the outcomes from previous meetings, on Parties’ submissions and input from the observer community, to advance the work programme to operationalise Article 6.

- The last negotiating session, SB46 in May 2017, produced three ‘informal information notes’, one for each of the agenda items under Article 6. Each one contained an extensive list of chapter headings covering the topics that Parties deemed important for the operationalisation of Article 6. The three lists are related to:
  - Guidance on ITMOs, as referred to in Article 6.2,
  - Rules, modalities and procedures for the mechanism established by Article 6.4,
  - Work programme under the framework for non-market approaches referred to in Article 6.8.

- In recent weeks, Parties put forward submissions outlining their views on the operationalisation of Article 6 that will represent the basis for the upcoming negotiations.

- In light of the tight timeline leading to COP24, we urge Parties to begin refining the lengthy list of chapter headings for the Article 6 Rulebook into a core set of essential elements.

- Once Parties find an agreement on the core elements of the Article 6 Rulebook, it will be crucial to develop draft negotiating text to reflect the various views put forward in Parties submissions and input from the observer community. Parties will then need to negotiate the draft text over the course of 2018 and produce a final version for adoption at COP24.

- Our specific priorities for ITMOs, the Emission Mitigation Mechanism and non-market approaches are further elaborated below. For our detailed views on these matters, please refer to our Straw Proposal for Article 6 Implementation Guidance.

2. Agree on accounting guidance for Article 6.2, allowing Parties to raise the ambition of their NDCs and meet them at a lower cost

- At COP23, Parties should develop guidance for the accounting of cooperative approaches under Article 6.2. This will enable Parties to evaluate how best to use Article 6 to implement programmes to meet the emissions reduction goals in their NDCs.
• The Article 6 accounting guidance should incorporate best practice accounting concepts with both transactional and governance elements. This includes honouring the core concept of “double-entry bookkeeping” by reporting imports and exports of ITMOs in an agreed format specifying types of units, countries of origin/destination and vintage year. Clear reporting of imports and exports will boost public confidence and prompt greater investment in climate mitigation by both public and private actors.

• By agreeing on Article 6 accounting guidance swiftly, Parties can move towards implementing their NDCs collectively with other countries. Cooperative approaches, such as linking carbon pricing systems, can help drive costs down and create the economic conditions for greater emissions cuts in the future. If national systems operate in isolation, they can end up costing more to society – which can discourage ambition. Taking steps to form rules guiding Article 6 swiftly, including on accounting and transparency, can help Parties go beyond the minimums proposed in their INDCs in the months leading up to COP21 in Paris.

3. Agree on the rules for the Article 6.4 mechanism that delivers emissions reductions at the scale needed to meet the ultimate temperature stabilisation goals of the Paris Agreement

• Article 6.4 establishes a mechanism to contribute to the mitigation of greenhouse gas emissions, or an Emissions Mitigation Mechanism (EMM), and support sustainable development. In our straw proposal, we argue that the EMM, in conjunction with the accounting of ITMOs, should be designed to promote carbon pricing.

• With the full implementation of the Paris Agreement, the EMM could support a universal carbon allowance or credit system for those countries that choose to utilise their contributions. This could facilitate trade of emissions units between NDCs (i.e., simple conversion to ITMOs). The EMM could provide registry facilities for these units, therefore expanding the choices for adopting carbon pricing for many economies. This in turn could channel additional investment into the hosts’ economies.

• Parties should create a broad framework for the EMM, whereby many types of mitigation approaches can be executed with assured additionality and avoidance of double counting, rather than a single purpose mechanism such as the CDM under the Kyoto Protocol.

4. Ensure that accounting and environmental integrity guidance for Articles 6.2 and 6.4 also apply to the work programme on non-market approaches under Article 6.8

• Non-market based approaches put forward under a Party’s NDC should meet the same standards for environmental integrity as those of market-based approaches. As such, non-market-based approaches should consider use of mitigation infrastructure provided by the UNFCCC or other intergovernmental organisations including:
  • Monitoring and verification protocols for key sectors;
  • Standardised emission performance benchmarks for key sectors;
  • A registry and issuance system to establish ownership of emission reduction units;
  • A standardised reporting template;
  • An accreditation system for independent verifiers; and
  • A co-benefits ‘checklist’ to ensure approaches address sustainable development.

• Any non-market-based approach that delivers emission reductions should be reported and tracked under the same standard as those of market-based approaches under Article 6. As such, non-market-based approaches should be considered in conjunction with Article 6 standards for reporting, tracking, and certification of emission reductions.

5. Decide on guidance to the CDM Executive Board that offers investors confidence prior to the operation of Article 6 and provides continuity from the Kyoto system to the Paris framework

• Despite current market challenges, the CDM remains an attractive option for carbon compliance in advance of the Paris Agreement’s first contribution period. Some sovereign purchasing initiatives continue to invest in CDM projects, and private entities use CDM credits for both compliance and voluntary offsetting. Some non-Annex 1 countries are considering policies to allow CERs for domestic use, potentially with banking for future use against domestic NDCs. The CDM may also prove valuable for international airlines, subject to the decisions of the International Civil Aviation Organization on acceptability of units for compliance with CORSIA.

• A bedrock principle of the CDM has been to promote regulatory stability. This is evidenced by the efforts for consistency in the Executive Board’s decisions and in the reliability of host and recipient approvals. Therefore, we urge negotiators to agree on a pathway for the way forward for the CDM, in order to guarantee certainty to both investors and host countries.
6. Enhance the engagement of business in the negotiations

- The UNFCCC has recognised forms of stakeholder engagement by allowing accredited observers to attend many meetings. It has allowed limited engagement through short floor statements and side events. However, as the negotiations have drawn larger crowds, the opportunities for such engagement have necessarily been restricted and, in many respects, the quality of the engagement has consequently declined.

- The business community is key to the UNFCCC process, as it will play a central role in tackling climate change. The business community recognises that it must be part of the solution to climate change and it will apply its technology, finance and know-how to the global effort, if the proper incentive structures are established.

- The UNFCCC’s engagement with business needs to mature in new ways. This is particularly true in areas where business can add strength to the process.

- Ideally, the UNFCCC should ensure that interested stakeholders enjoy access to all meetings during a COP/SB that they are interested in. We appreciate that when the final stages of negotiations are entered, some closed meetings will be necessary. Nevertheless, there is no reason to restrict access to the earlier stages of discussion, which are normally aimed at sharing information, illuminating positions and seeking common ground.

- Restrictions or prohibitions on business access would miss a huge opportunity to attract its support. In particular, it would risk the loss of private finance and technology at a time when it is needed most.

- To facilitate the engagement of business in the negotiations, we decided to create a space to put forward its views on the implementation and operationalisation of Article 6 of the Paris Agreement. The IETA Article 6 Submissions Portal is publicly accessible.
SIDE EVENT PROGRAM

TUESDAY, 7 NOVEMBER 2017

SIDE EVENT PROGRAM LEGEND:
- IETA Room, BusinessHub, Bonn Zone
- IETA Lounge, BusinessHub, Bonn Zone
- Other Locations

14:30 - 16:00
BusinessHub, Bonn Zone
IETA Room

SIDE EVENT 1
FOSTERING INNOVATION TO HELP IMPLEMENT THE SDGS - CASE STUDY FROM THE PACIFIC ISLANDS

Description: This event will bring together experts on innovation methodologies to accelerate SDGs implementation. For example, “Hackathons” stemming from computer culture, are short events gathering independent multidisciplinary teams of experts to solve a challenge. This unique method allows for subnational action by engaging non-state actors to help implement the SDGs while fostering innovation. A case study on the Pacific Islands will be featured.

Session Coord: LS

Moderator & Presenter: MARIE LAURE BURGENER, Founder & Chief Innovation Officer, GreenGoWeb
Speakers: MEREDITH ADLER, Executive Director, Student Energy
SIMON HENRY, Director, ICROA

16:00 - 17:30
BusinessHub, Bonn Zone
IETA Room

SIDE EVENT 2
THE CHANGING LANDSCAPE OF REDD+: SUPPORTING ACCESS TO RESULTS BASED FINANCE

Description: This event will explore the issues and opportunities countries have to tackle emissions through their forest and land assets through a variety of different financial streams for results based outcomes. It will discuss what’s on the table in terms of financing REDD+ in forest nations and will further outline ideas and solutions to ensure that financial flows go directly to where they are needed to prevent emissions from deforestation activities.

Session Coord: SG

Moderator: SOPHY GREENHALGH, Director, Aviation & REDD+, IETA

Speakers: ARJUN PATNEY, Director, American Carbon Registry
LESLIE DURCHINGER, Founder, Managing Director, Terra Global
Tba, Colombian Government
JO HOUSE, Lead Author Land Use, Intergovernmental Panel on Climate Change (IPCC)
JEFF SWARTZ, Director, Climate Policy & Carbon Markets, South Pole Carbon
WEDNESDAY, 8 NOVEMBER 2017

09:30 - 11:00
Business Hub,
Bonn Zone
IETA Room

SIDE EVENT 3

FUTURE-PROOFING VOLUNTARY CARBON PROJECTS POST-2020

The voluntary carbon market has played a significant role in delivering climate action at scale, raising corporate climate ambition over 10+ years. As commitments under the Paris Agreement fall short of limiting temperature rises to ‘well below 2°C,’ voluntary climate action can and must help bridge the ambition gap. Yet the voluntary carbon market and its projects on the ground face challenges to adapt to the new paradigm posed by the Paris Agreement, specifically to manage risks of double counting and ensure environmental integrity. This side event will explore solutions to future-proof voluntary carbon markets by assessing and managing the double counting risk.

Moderator: MALIN AHLBERG, Division KI I 6, European Climate and Energy Policy, New Market Mechanisms, BMUB

Speakers:
- OWEN HEWLETT, Chief Technical Officer, Gold Standard
- RENE ESTERMANN, CEO, myclimate
- LAURENCE MORTIER, Climate Policy, Federal Office for the Environment, Switzerland
- AKI KACHI, International Policy Director, Carbon Market Watch
- SIMON HENRY, Director, ICROA

10:30 - 11:00
Business Hub,
Bonn Zone
IETA Lounge

SIDE EVENT 4

IETA PRESS HUDDLE

Informal chat with journalists about the progress of the COP.

Facilitated by: KATIE KOUCHAKJI, Head of Communication, IETA

11:15 - 12:15
Business Hub,
Bonn Zone
IETA Room

SIDE EVENT 5

SUPPORTING ENHANCED TRANSPARENCY OF CLIMATE IMPACTS

In this panel, experts from the Initiative for Climate Action Transparency (ICAT) will share newly developed guidance that can help inform policy and action design and assessment. Panelists will focus on assessing a given policy’s potential to create transformational change and the greenhouse gas impacts of agricultural and forest policy. We will also hear how the guidance is being implemented on the ground. This is a panel for anyone who needs to develop and implement climate-smart, socially responsible policies across key sectors, including commodity supply chains.

Moderator: MONICA ECHEGOYEN COORDINATOR, Initiative for Climate Action Transparency (ICAT), UNOPS

Speakers:
- CAROLYN CHING, MANAGER, Sustainable Landscapes Team, VCS
- KAREN HOLM OLSEN, Senior Researcher, UNEP DTU
- Tba, Implementing Partner
CORSIA CHECKLIST - GETTING READY ACROSS THE DECK

The event objective is to discuss different actors state of readiness for ICAO’s CORSIA and to explore ways and means of ensuring all are supported in good time for a successful launch and implementation of the scheme. We will talk to key stakeholders including Governments, Aircraft Operators and carbon market participants. Actions and steps forward on how best to support implementation will be noted.

SOPHY GREENHALGH, Director, Aviation & REDD+, IETA
MICHAEL SCHNIEDER, Assistant Director for Carbon Offset Business Development, International Air Transport Association (IATA)
JANE Hupe, Chief of the Environmental Unit, International Civil Aviation Organization (ICAO)
RENAT HEUBERGER, CEO, South Pole Group
JOS COZIJNSEN, International Counsel, Environmental Defense Fund (EDF)

CONNECTING ROADMAPS FOR INNOVATIVE NUCLEAR ENERGY TO THE NDC TIMELINE

This event will present roadmaps for nuclear energy innovation, and connect them to the timeline of the Nationally Determined Contributions (NDCs) to the global response to climate change. It will cover enabling conditions for research and development, the regulatory framework and infrastructure to support Member States’ NDC updates from 2020 to 2050.

WEI HUANG, Director of Division of Planning, Information and Knowledge Management, International Atomic Energy Agency (IAEA)
DAVID SHROPSHIRE, Section Head of Planning and Economic Studies Section, International Atomic Energy Agency (IAEA)
ALIKI VAN HEEK, Unit Head in Planning and Economic Studies Section, International Atomic Energy Agency (IAEA)
ELMAR SCHWEITZER, Materials & Thermal-Mechanics, AREVA, Germany
CHRIS WHITE, Director, Government Affairs, URENCO, UK

RESTART THE CARBON MARKET

Session Coord: SG
Moderator: SOPHY GREENHALGH, Director, Aviation & REDD+, IETA
Speakers: MICHAEL SCHNIEDER, Assistant Director for Carbon Offset Business Development, International Air Transport Association (IATA)
JANE Hupe, Chief of the Environmental Unit, International Civil Aviation Organization (ICAO)
RENAT HEUBERGER, CEO, South Pole Group
JOS COZIJNSEN, International Counsel, Environmental Defense Fund (EDF)

Session Coord: LS
Moderator: WEI HUANG, Director of Division of Planning, Information and Knowledge Management, International Atomic Energy Agency (IAEA)
Speakers: DAVID SHROPSHIRE, Section Head of Planning and Economic Studies Section, International Atomic Energy Agency (IAEA)
ALIKI VAN HEEK, Unit Head in Planning and Economic Studies Section, International Atomic Energy Agency (IAEA)
ELMAR SCHWEITZER, Materials & Thermal-Mechanics, AREVA, Germany
CHRIS WHITE, Director, Government Affairs, URENCO, UK

Session Coord: LS
Moderator: WEI HUANG, Director of Division of Planning, Information and Knowledge Management, International Atomic Energy Agency (IAEA)
Speakers: DAVID SHROPSHIRE, Section Head of Planning and Economic Studies Section, International Atomic Energy Agency (IAEA)
ALIKI VAN HEEK, Unit Head in Planning and Economic Studies Section, International Atomic Energy Agency (IAEA)
ELMAR SCHWEITZER, Materials & Thermal-Mechanics, AREVA, Germany
CHRIS WHITE, Director, Government Affairs, URENCO, UK
**SIDE EVENT 9**

**5 YEARS OF EXPERIENCES GAINED FROM THE JOINT CREDITING MECHANISM (JCM) - LESSONS LEARNED AND WAY FORWARD**

**Description:** This event will explore the JCM of the Japanese Government. JCM developments, methodologies, examples of registered projects and lessons learned from the JCM to date will be presented by experts from IGES and Mitsubishi UFJ Research and Consulting. A panel discussion will follow, with the aim to discuss the way forward for the JCM and the interlinks with existing markets, with Article 6 of the Paris Agreement as well as the ICAO CORSIA mechanism.

**Session Coord:** AD

**Moderator:** STEFANO DE CLARA, Director, International Policy, IETA

**Speakers:**
- KAZUHISA KOAKUTSU, Ministry of the Environment (MOE), Japan
- TATSUSHI HEMMI, Chief Analyst, Mitsubishi UFJ Research and Consulting (MURC)
- SHINICHIRO SANO, Chief Consultant, Mitsubishi UFJ Research and Consulting (MURC)
- JEFF SWARTZ, Director, Climate Policy & Carbon Markets, South Pole Carbon
- SANDRA GREINER, Lead Consultant, Climate Focus
- SIMON HENRY, Director, ICROA
- NAOMI SWICKARD, Director, VCS

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**SIDE EVENT 10**

**RAISING AMBITION THROUGH INTERNATIONAL CARBON MARKETS**

**Description:** The current NDCs represent insufficient mitigation action to reach the objective of the Paris Agreement and to limit global warming to well below 2°C. Carbon pricing advocates often claim that these policy instruments can support countries in their efforts to combat climate change. Specifically, international cooperation through carbon markets entails the potential to increase ambition. Though, it is not clear so far how, an increase in ambition will occur as a result of international cooperation. This side event will explore on the question how a carbon market framework could incentivize deepening and broadening the scope of NDCs and what role the private sector can play.

**Session Coord:** AD

**Moderator:** SILKE KARCHER, Head of Division KI I 6, European Climate and Energy Policy, New Market Mechanisms, BMUB

**Speakers:**
- ANDREW HOWARD, Director, Koru Climate
- Tba, Center for Clean Air Policy (CCAP)
- DIRK FORRISTER, President & CEO, IETA
- Tba, Country representative from Costa Rica, Japan and Sweden

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**SIDE EVENT 11**

**BMUB NETWORKING COCKTAIL RECEPTION**

**Session Coord:** LS
THURSDAY, 9 NOVEMBER 2017

09:00 - 10:30
Business Hub, Bonn Zone
IETA Room

Description:

Session Coord: AD

Moderator: JAMES RAMSEY, CEO, Climate Home

Speakers: TIAGO MELO, Executive and CSR Expert, Soft Plan
TANTA NANTA RAJ, Group President, DTGO Corporation, Thailand
YANIO CIROMIN ANTONIO CONCEPCIÓN SILVA, CEO, COOP Vega Real
RAJI HATTAR, Chief Sustainability Officer, Aramex
CARINE NSAVU-NZAU MENO, Responsible for CSR Project, Rawbank
ABDELKHALEK EL YOUBI, Director, Mineral Water of Oulmes

GLOBAL AWARENESS FOR SUSTAINABLE FUTURE: PRIVATE SECTOR BEHAVIOUR WITHIN THE UN FRAMEWORK

Partnering with the private sector is the foundation of any successful large-scale development strategy. The shared nature of the global development challenges we face today calls for collective action that is inspired and shaped by the challenges and opportunities of the next fifteen years. Building vibrant and systematic partnerships with the private sector is a vital prerequisite for the successful implementation of a transformative agenda to accelerate poverty reduction and sustainable development.

JAMES RAMSEY, CEO, Climate Home
TIAGO MELO, Executive and CSR Expert, Soft Plan
TANTA NANTA RAJ, Group President, DTGO Corporation, Thailand
YANIO CIROMIN ANTONIO CONCEPCIÓN SILVA, CEO, COOP Vega Real
RAJI HATTAR, Chief Sustainability Officer, Aramex
CARINE NSAVU-NZAU MENO, Responsible for CSR Project, Rawbank
ABDELKHALEK EL YOUBI, Director, Mineral Water of Oulmes

10:30 - 12:30
Business Hub, Bonn Zone
IETA Room

Description:

Session Coord: AD

Moderator: JOHN KADYSZEWSKI, Director, American Carbon Registry

Speakers: TIM BROWN, Founder & President, Tradewater
HUNTER PARKS, Founder & Chairman, GreenAssets
ARJUN PATNEY, Policy Director, American Carbon Registry
Tba, California EPA
Tba, Pacific Gas & Electric

CALIFORNIA CAP-AND-TRADE PROGRAM – RESULTS AND PROSPECTS FOR THE FUTURE

In 2013, California launched the U.S.’s first economy-wide cap-and-trade program, which has recently been extended through 2030. Panelists will provide an overview of key market design elements, discuss results of the first five years of market operation and lessons learned, and offer prospects for the next phase of the program.

JOHN KADYSZEWSKI, Director, American Carbon Registry
TIM BROWN, Founder & President, Tradewater
HUNTER PARKS, Founder & Chairman, GreenAssets
ARJUN PATNEY, Policy Director, American Carbon Registry
Tba, California EPA
Tba, Pacific Gas & Electric

12:00 - 12:30
Business Hub, Bonn Zone
IETA Lounge

Description:

Session Coord: SG

Moderator: MATTIA ROMANI, Managing Director, EBRD

Speakers: BAKHYT SULTANOV, Minister of Finance, Kazakhstan
SIMON BUCKLE, Head, Climate Change, Biodiversity &Water Division, OECD
DAVID HONE, Chief Climate Change Advisor, Shell
AMAL LARLID, Director, Global Fiscal Policy Advisory, PwC
JAMES CLOSE, Director, Climate Change, World Bank Group

EBRD NETWORKING LUNCH

12:30 - 14:00
Business Hub, Bonn Zone
IETA Room

Description:

Session Coord: SG

Moderator: MATTIA ROMANI, Managing Director, EBRD

Speakers: BAKHYT SULTANOV, Minister of Finance, Kazakhstan
SIMON BUCKLE, Head, Climate Change, Biodiversity &Water Division, OECD
DAVID HONE, Chief Climate Change Advisor, Shell
AMAL LARLID, Director, Global Fiscal Policy Advisory, PwC
JAMES CLOSE, Director, Climate Change, World Bank Group

ACHIEVING THE PARIS AGREEMENT THROUGH A GREEN ECONOMY TRANSITION: FISCAL RISKS AND OPPORTUNITIES

Understanding the fiscal risks and opportunities of the transition to a green economy is an innovative area of research. The implications of this transition to a lower-carbon economy will include lower fiscal revenues from fossil fuels, either due to explicit carbon pricing or to lower prices for fossil fuels. In addition, there will potentially be new revenues from a green economy. Given that approximately 70% of fossil fuel reserves worldwide are owned or controlled by governments, these implications are particularly relevant for the value of fossil-fuel related assets, as well as for the fiscal position of governments.

MATTIA ROMANI, Managing Director, EBRD

BAKHYT SULTANOV, Minister of Finance, Kazakhstan
SIMON BUCKLE, Head, Climate Change, Biodiversity &Water Division, OECD
DAVID HONE, Chief Climate Change Advisor, Shell
AMAL LARLID, Director, Global Fiscal Policy Advisory, PwC
JAMES CLOSE, Director, Climate Change, World Bank Group
To combat climate change in all its impacts growing economies all around the world have committed themselves to contribute to the Paris Agreement. To achieve this, economies need to find sustainable ways of generating energy. Renewable energies and energy efficiency are the two main pillars. The diffusion and sustainable use of these technologies require an improvement of quality infrastructures in these areas. The importance of quality infrastructure for the energy sector and the transformation towards sustainable energy consumption will be elaborated and discussed during this session.

BARBARA SIEGMUND, Head of Working Group Q.55, Physikalisch-Technische Bundesanstalt (PTB)
JOACHIM H. ULLRICH, President, Physikalisch-Technische Bundesanstalt (PTB)
FRANCISCO BOSHELL, Analyst, Renewable Energy Technology Markets and Standards, International Renewable Energy Agency (IRENA)
SIBYLLE BRAUNGARDT, Researcher, Energy & Climate, Öko-Institut
JOSAPHAT RIZAL PRIMANA, Ministry of National Development Planning, Indonesia
SALVADOR ECHEVERRIA, National Metrology Institute (CENAM), Mexico

The EBRD is presenting two of its most valuable programmes for implementing new technologies to address climate change: the Finance and Technology Transfer Center for Climate Change (FINTECC), and the Green Climate Fund (GCF)-EBRD Renewable Energy Financing Framework. FINTECC promotes the use of advanced technology by rewarding early movers in markets where there are major barriers to the deployment of innovative low-carbon technology. The programme’s success is based on a combination of capital investment grants, policy dialogue and technical assistance.

JAN-WILLEM VAN DE VEN, Head of Climate Finance and Carbon Market, EBRD
JOSUÉ TANAKA, Managing Director, Energy Efficiency and Climate Change, EBRD
GIANPIERO NACCI, Director for Sustainable Resources Investment, EBRD
HARRY BOYD-CARPENTER, Director for Power and Energy Utilities, EBRD
JIWOO CHOI, Department Head of the Private Sector, GFC

The IEA will present three clean energy market publications: World Energy Investment Report 2017, Energy Efficiency 2017 and Renewables 2017 to highlight the latest trends and developments in these clean energy sectors.

SIMON BENNETT, Energy Analyst, Energy Investment Office, IEA
BRIAN DEAN, Energy Analyst, Energy Efficiency Division, IEA
CAROLINE LEE, Energy Policy Analyst, Environment and Climate Change Unit, IEA

For the third year in a row, CMIA and IETA are partnering to celebrate carbon pricing leadership at the COP. Join us as we announce the Carbon Pricing Champion for this week at the COP, and raise a glass to the winner(s)!
RESILIENT CITIES, SUSTAINABLE URBAN DEVELOPMENT AND HUMAN SETTLEMENT INITIATIVE

Urban development has become a driving force as well as a source of development with the power to change and improve lives. Solutions for the complex challenge of urbanization can only be found by bringing together Member States, multilateral organizations, local governments, private sector and civil society. By embracing urbanization at all levels of human settlements, more appropriate policies can embrace urbanization across physical space. This would help systematise the alignment between cities, municipalities, towns and national planning objectives in their role as drivers of national economic and social development.

KARL MATHIESEN, Editor, Climate Home
JOSÉ HENRIQUE DE AVILA, Director of Operations, Queiroz Galvao
RAJI ATTAR, Chief Sustainability Officer, Aramex International
SUNIT KISHORE, CEO, TOOKLee
CAROLINA CORTÉS, Environment and Climate Change Chief Executive, CAF Latin-American development bank

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 recognize and espouse the benefits of building low carbon, resilient economies, they need to use every opportunity to progress further.

KARL MATHIESEN, Editor, Climate Home
SINGH INTRACHOOTOO, Chief Advisor, (RISC), DTGO Corporation
SERGIO PEDREIRO, CEO, Este
PAMELA PHUA, Director of RD&I, South East & South Asia, Middle East, Akzo Nobel
HARRY VERHAAR, Head of Global Public & Government Affairs, Philips Lighting
JOSE HENRIQUE DE AVILA, Director of Operation, Queiroz Galvao
PIO RODRIGUES NETO, President, C. Rolim

ARTICLE 6.4 AND THE FUTURE OF OFFSETTING

This event will explore the state of play in the operationalisation of Article 6.4 and the way forward for offsetting under the Paris Agreement. The event will be kicked off by an overview of IETA’s thinking on Article 6.4 and of Parties’ views on the topic. This introductory segment will be followed by an open floor discussion on some of the key topics concerning the operationalisation of Article 6.4, such as:

- Art 6.4 mechanism scope and scale
- Environmental Integrity and Double Counting
- Art 6.4 mechanism operations inside and outside NDCs

STEFANO DE CLARA, Director, International Policy, IETA
SOPHY GREENHALGH, Director, Aviation & REDD+, IETA
DAVID HONE, Chief Climate Change Advisor, Shell
MARY GRADY, Deputy Director, American Carbon Registry
JAN-WILLEM VAN DEN VEN, Head of Climate Finance and Carbon Markets, EBRD
SAM HOFFER, Manager, VCS & CCB Programs, VCS
**FRIDAY, 10 NOVEMBER 2017**

### SIDE EVENT 22

**PATHWAYS TO INCREASED VOLUNTARY ACTION BY NON-STATE ACTORS**  
*(ON INVITE ONLY)*

**Description:** This session will present a summary of ICROA's guidance document on 'Pathways to increased voluntary action by non-state actors'. It will then move into a moderated discussion, aiming to address the following questions, amongst others: What are the main barriers to implementation of the future voluntary market framework and how can they be overcome? What accounting processes are needed to enable high integrity voluntary action which contributes to the Paris Agreement objectives? What incentives can be put in place to help drive voluntary action post 2020 to the scale necessary to help close the ambition gap?

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

**Speakers:**
- JOCHEN GASSNER, Executive Board Member, First Climate Markets
- SIMON HENRY, Director, ICROA

### SIDE EVENT 23

**ACHIEVING PARIS CLIMATE COMMITMENTS AT THE NATIONAL LEVEL: DEVELOPING PROJECT PIPELINES**

**Description:** The significant investment volume required to meet NDCs and Paris Agreement objectives necessitates the accelerated development of the green infrastructure project pipeline at national and sub-national level. There is capital looking for these types of assets so this is an opportunity as well as a challenge and this is the focus of a forthcoming OECD report. This Panel brings together practitioners and analysts to examine this topic from an investment perspective; the focus will be on emerging markets.

**Moderator:** KIRSTY HAMILTON, Chatham House and Former Policy Head, Low Carbon Finance Group

**Speakers:**
- RODNEY BOYD, Policy Analyst, Green Finance and Investment, OECD
- AMAL-LEE AMIN, Chief of the Climate Change and Sustainability Division, Inter-American Development Bank
- VIVEK MITTAL, Advisor, Terrawatt Initiative
- MICHAEL WILKINS, Managing Director, S&P Global Ratings
- PENNY HERBST, Non-Executive Director, Africa GreenCo

### SIDE EVENT 24

**CREATING DEDICATED LOCAL CLIMATE INVESTMENT CAPACITY THROUGH GREEN BANKS**

**Description:** Implementing the goals defined in the Paris agreement will require dedicated local capacity and nation-specific implementation to drive investment and financial innovation. Building off the preceding discussion, this panel will address the formation and role of national Green Banks (either purpose-built entities or adaptations of existing institutions) and explore how they can directly support and interface with pipeline development through responsive product development to address critical market gaps and drive public and private climate investment to bring these new markets to scale.

**Moderator:** ROBERT YOUNGMAN, Team Lead, Green Finance and Investment, OECD

**Speakers:**
- ANDREA COLNES, International Director, Coalition for Green Capital
- PAUL BODNAR, Managing Director, Rocky Mountain Institute
- JONATHAN FIRST, Head of Syndication Finance, Development Bank of Southern Africa
- DOUGLASS SIMS, Director of Strategy and Finance, Natural Resources Defense Council
SIDE EVENT 26

FUTURE CARBON FUND – DELIVERING CO-BENEFITS FOR SUSTAINABLE DEVELOPMENT

The Future Carbon Fund, a trust fund managed by the ADB is supporting GHG mitigation efforts by providing carbon finance through the pre-purchase of 2013-2020 CERs from CDM projects in Asia and the Pacific. FCF is pursuing a diverse portfolio of projects which not only reduce GHG emissions but also deliver a range of local, regional, and trans-boundary co-benefits. At the side event, ADB will share its experience and lessons learned on how co-benefits from GHG mitigation projects could be considered in the design of a new market mechanism as envisaged under Article 6.4 of the Paris Agreement.

Moderator: V.K. DUGGAL, Fund Manager - Future Carbon Fund, Asian Development Bank

Speakers: ANNIKA CHRISTELL, Legal Advisor, Swedish Energy Agency
RAM PRASAD DHITAL, Executive Director, Alternative Energy Promotion Centre, Nepal
SIDE EVENT 29
OVERVIEW AND REVIEW OF COLOMBIA’S GREENHOUSE GAS MRV HARMONIZATION AND DATA MANAGEMENT PLATFORM

The Government of Colombia (GoC), with support from the USAID Resources to Advance LEDS Implementation (RALI) project, is undertaking innovative MRV approaches to implement their NDC. Colombia is applying RALI’s harmonization approach to align mitigation project-level MRV with their national GHG inventory, designing a new data management platform to institutionalize the TACCC principles into Colombia’s biannual inventory reports. This session will introduce the GoC’s MRV approaches and solicit input from experts and country representatives on the design and development of SINGEI.

MARIAN VAN PELT, Project Director, USAID RALI/ICF
DERINA MAN, Manager - Sustainability & Management Solutions Group, ICF
Representative, Government of Colombia

SIDE EVENT 30
SUB-NATIONAL STRATEGIES IN NORTH AMERICA FOR MEETING PARIS COMMITMENTS

Led by California and other states, the US is determined to meet its Paris commitments under the Paris Agreement by fostering action on climate change at the sub-national level. As laboratories for innovation, sub-national leaders have been implementing a wide variety of approaches to reduce emissions, often tackling fundamental complexities for achieving a low/no carbon future across the entire economic spectrum. This session will bring together leading players to discuss various policy approaches, including which sectors to target, the role of market-based mechanisms, integrated strategies for addressing benefits other than climate, and the extent to which policies should be harmonized with other jurisdictions.

CRAIG EBERT, President, Climate Action Reserve
EDMUND G. BROWN, JR., Governor, California
CHRIS BALLARD, Minister of Environment, Ontario, Canada
MATTHEW RODRIGUEZ, Secretary, California Environmental Protection Agency
RODOLFO LACY, Deputy Secretary, Mexico
CHRIS DAVIS, Senior Advisor to Governor on Energy and Climate, Washington
RUCHI SADHIR, Energy Advisor to Governor, Oregon

SIDE EVENT 31
EBRD GREEN CITIES FRAMEWORK: ACCELERATING FINANCING FOR URBAN ACTION ON CLIMATE CHANGE

Recognising the need for a comprehensive approach to sustainable urban investment and development, the EBRD developed its Green Cities Framework. The Framework offers municipalities the tools to address their significant environmental challenges. This session highlights the needs of climate-focused urban development and infrastructure investment. Experts will discuss their experiences of addressing climate change and finance in urban areas.

NICK GODFREY, Director, Coalition for Urban Transitions
JOSUÉ TANAKA, Managing Director, Energy Efficiency and Climate Change, EBRD
SUE GOERANSSON, Director, Head of Municipal and Environmental Infrastructure, EBRD
NIGEL JOLLANDS, Associate Director, Policy and Climate Finance, Energy Efficiency and Climate Change, EBRD
ERION VELIAJ, Mayor of Tirana, Albania
CRISTIANA FRAGOLA, Director of Partnerships and Government Relations, Global Covenant of Mayors for Climate and Energy
GUSTAVO FONSECA, Programme Director, Global Environment Facility
### SIDE EVENT 32
**HETEROGENEOUS LINKAGE AND THE EVOLUTION OF ARTICLE 6**

The Paris Agreement has achieved one of two key necessary conditions for ultimate success – a broad base of participation among the countries of the world. But another key necessary condition has yet to be achieved – adequate collective ambition of the individual NDCs. How can climate negotiators provide a structure that provides incentives to increase ambition over time? One part of the answer can be facilitating international linkage of regional, national, and sub-national policies. A central challenge is how to accomplish this in the context of the great heterogeneity that characterizes climate policies. Panelists will review the status of linkage in the world, the evolution of Article 6, and the relationship between the two.

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**Session Coord:** SDC

**Moderator:**
JOS DELBEKE, Director General for Climate Action, European Commission

**Speakers:**
- KELLEY KIZZIER, Co-Chair, Article 6, Subsidiary Body for Scientific and Technological Advice
- MICHAEL MEHLING, Deputy Director, Center for Energy and Environmental Policy Research, Massachusetts Institute of Technology
- GILBERT METCALF, Professor of Economics, Tufts University

### SIDE EVENT 33
**EXPLORING THE POTENTIAL FOR CARBON CLUBS AND LINKED CARBON MARKETS IN THE ASIA-PACIFIC REGION**

This event will explore the potential for carbon clubs and linked carbon markets in the Asia-Pacific Region, with a special focus on countries such as Korea, China, Singapore and Australia. This event will look at how international cooperation could help countries reach their NDCs, making use of the Paris Agreement’s market provisions.

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**Session Coord:** SDC

**Moderator:**
STEFANO DE CLARA, Director, International Policy, IETA

**Speakers:**
- SEUNG-HWAN OH, Manager, Carbon Market Promotion Team, KEKO
- DUAN MAOSHENG, Professor and Director, China Carbon Market Center (CCMC), Tsinghua University
- KAY HARRISON, Lead Negotiator - Ministry for the Environment, New Zealand
- SUH-YONG CHUNG, Associate Professor in the Division of International Studies, Korea University
- GLORIA KWAN, Director - Strategy & Development (China), China Light & Power (CLP)

### SIDE EVENT 34
**HIGH LEVEL PANEL ON ZIMBABWE’S NDC**

The High Level Panel on Zimbabwe’s NDC aims to profile the country’s implementation strategy regarding mitigation and adaptation goals outlined as part of the commitments of the NDC submitted in 2015. Moreover, it will demonstrate and put the MRV framework into perspective to thus foster and strengthen partnerships on the NDC work in key sectors. In this vein, the event will draw on best practices, which will help inform the further advancement of the Zimbabwe NDC.

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**Session Coord:** LM

**Moderator:**
MUPAZVIRHO, Permanent Secretary, Ministry of Water Resources and Climate

**Speakers:**
- OPPAH MUCHINGURI-KASHIRI, Honorable Minister of Water Resources and Climate, Zimbabwe
- KARIN KEMPER, Senior Director, Environment and Natural Resources Global Practice
- WASHINGTON ZHAKATA, Director, Climate Change Department, Zimbabwe
- ANNE MADZARA, Environment, Climate Change and Energy Specialist, UNDP
- Representative, Government of Germany
- Representative, Government of Sweden
- Representative, DFID, UK
SIDE EVENT 35

ENSURING ENVIRONMENTAL INTEGRITY IN THE USE OF CARBON MARKETS TO ACHIEVE MITIGATION PLEDGES

Description: Crucial to the success of emissions trading, whether conducted domestically, between NDCs, in carbon clubs, or in sector-specific markets like CORSIA, is the assurance of environmental integrity. This event will explore how existing and new initiatives ensure the environmental integrity and avoid double counting. In particular, this event will identify practical steps that policymakers may take to ensure the environmental integrity of mitigation outcomes transferred internationally, in the context of the Paris Agreement and ICAO, the New Zealand Declaration on Carbon Markets, and the Pacific Alliance.

Moderator: DIRK FORRISTER, President & CEO, IETA

Speakers:
- ANNIE PETSONK, International Counsel, EDF
- KAY HARRISON, Lead Negotiator, New Zealand Government
- Government Representative, Pacific Alliance
- JONATHAN GRANT, Director, Climate Change, PwC

SIDE EVENT 36

MAKING CCS FLY

Description: CCS is one of the few technologies available to achieve deep emission reductions in some carbon intensive process industries, and has the potential for negative emissions. This event will bring together experts to consider the main barriers and opportunities to promote the development and deployment of CCS at greater scale. Expert panellists will also discuss with the audience their views on the role of CCS for meeting the Paris Agreement goals. Results from an IPIECA workshop held in September 2017 will also be shared to advance the range of actions that the CCS community could take to ‘Make CCS Fly’.

Moderator: DAVID HONE, Chief Climate Change Advisor, Shell

Speakers:
- LIZ ROGERS, Executive Committee Member, IPIECA
- JIM HERBERTSON, Technical Director, Climate and Energy, IPIECA
- ARTHUR LEE, Chair, IPIECA CCS Taskforce
- ANDREW PURVIS, Director - Safety, Health and Environment, World Steel Association
- JOHN SCOWCROFT, Executive Adviser for Europe, Middle East and Africa (EMEA), GCCSI
- TRUDE SUNDSET, CEO, Gassnova
- ERIC HOLDSWORTH, Director of Climate Programs, EEI

SIDE EVENT 37

IPIECA NETWORKING RECEPTION

Description: Following our side event session, we are delighted to welcome you a networking opportunity and refreshments.
TUESDAY, 14 NOVEMBER 2017

SIDE EVENT 38

STAKEHOLDER ENGAGEMENT AND SOCIAL ELEMENTS OF SUSTAINABLE DEVELOPMENT

This panel will explore the themes of engagement and inclusion of social and environmental considerations into operations to secure a sustainable future.

Speakers:
- LAURA ARNOLD, Senior Advisor, Government Relations, TransAlta
- DALE FRIESEN, Vice President, Indigenous and Government Relations, Sustainability, ATCO
- and other high-level Canadian experts

Description:
Session Coord: LS
Co-Moderators:
Keynote Address:
Speakers:

SIDE EVENT 39

GOVERNMENT OF QUÉBEC WELCOME BREAKFAST

Description:
Session Coord: KK
Facilitated by:

SIDE EVENT 40

THE QUEBEC KNOW HOW IN CLIMATE CHANGE / L’EXPERTISE QUÉBÉCOISE EN CHANGEMENTS CLIMATIQUES

The Government of Québec is pleased to invite you to attend a seminar on Quebec expertise in climate change and cleantech. It will also be an opportunity to interact with the Québec organizations.

Le Gouvernement du Québec a le plaisir de vous inviter à un séminaire sur l’expertise québécoise en matière de changements climatiques et de technologies propres. Ce sera également l’occasion d’échanger avec les entreprises et organisations qui y seront présentes.

Co-Moderators:
Keynote Address:
Speakers:

SIDE EVENT 41

IETA PRESS HUDDLE

Informal chat with journalists about the progress of the COP.

Description:
Session Coord: KK
Facilitated by:
TUESDAY, 14 NOVEMBER 2017

**SIDE EVENT 42**

**REVIEW OF CO2 EOR TRANSITIONING TO CCS: FOLLOW-ON DEEP DIVE STUDY OF TEXAS AND ALBERTA**

The purpose of CCS is to reduce emissions of GHG to the atmosphere as a climate change mitigation activity. However, given the relatively high costs associated with CCS, coupling it with Enhanced Oil Recovery (EOR) could provide a critical financial incentive to facilitate development of CCS projects in the near term. In the 2016 study “Best Practice in Transitioning from CO2 EOR to CO2 Storage," we found that there are no specific technological barriers in transitioning and converting a pure CO2 EOR operation into a CO2 storage operation. At the same time, there are a number of legal, regulatory and economic differences which must be addressed. In 2017, the CO2 Capture Project asked ERM to conduct a deeper analysis of these issues in two jurisdictions: Texas in the U.S.A. and Alberta in Canada. We present these results at this side event.

**Moderator:** TARA SCHMIDT, Global Energy Transition, Principal Consultant, ERM

**Speakers:**
- ARTHUR LEE, Fellow and Principal Advisor, Chevron
- JOHN SCOWCROFT, Executive Adviser for Europe, the Middle East and Africa (EMEA), GCCSI
- Tba, CO2GeoNet
- LORENA PEREZ-BAJO, Climate Change Manager, IPIECA

**SIDEnumber**

**11:00 - 12:30**
Business Hub,
Bonn Zone
IETA Room

**Description:**

**Session Coord:** LS

**12:30 - 14:00**
Business Hub,
Bonn Zone
IETA Room

**Description:**

**Session Coord:** AD

**SIDE EVENT 43**

**CANADA SHOWS THE WORLD HOW CCS IS A MAJOR WIN FOR THE ENVIRONMENT AND ENERGY**

Canada is committed to taking strong climate action through its support for CCS (among other options) at both the national and provincial levels. Saskatchewan and Alberta are CCS pioneers with some of the world’s largest geological storage projects (EOR) as well as a coal power retrofit. When coupled with the Federal Government’s Emissions Performance Standard on coal-fired power generation, CCS applications have an increasingly compelling business case in Canada’s power and industrial sectors for enhanced environmental and sustainable resource outcomes.

**Moderator:** BRAD PAGE, CEO, Global CCS Institute

**Speakers:**
- HON. CATHERINE MCKENNA, Minister of Environment and Climate Change, Government of Canada
- JENNIFER MACINTYRE, Ambassador for Climate Change, Canada
- JULIO FRIEDMANN, Director, Lawrence Livermore National Laboratory
- TIM WIWCHAR, Portfolio Manager, Athabasca Oil Sands Project, Shell
- GRAHAM WINKELMAN, Practice Lead Climate Change, BHP Billiton

**SIDE EVENT 44**

**CARBON PRICING POLICY DESIGN**

This panel will review experiences with cap-and-trade and carbon-tax policies, and draw lessons from those experiences. Panelists will also examine the choice between – and design of – such policies, through a political-economy lens, in order to highlight important public policy principles and policy options in carbon-pricing-policy design. The panel will draw in part on a paper by Joseph Aldy - “The Political Economy of Carbon Pricing Policy Design”.

**Panelists:**
- DANIELE AGOSTINI, Head of Low Carbon Policies and Carbon Regulation, Enel
- JOESPHE ALDY, Associate Professor of Public Policy, Harvard Kennedy School
- GILBERT METCALF, Professor of Economics, Tufts University
SIDE EVENT 45

IETA COUNCIL MEETING

Closed Meeting, for IETA Council Members Only

SIDE EVENT 46

CANADIAN INNOVATION FOR A LOW-CARBON FUTURE

This panel will bring together a diverse group of Canadian experts to discuss the role of innovation to drive down GHG emissions while continuing to foster strong economic growth.

MIKE GERBIS, CEO, Globe Series
BRYCE CONACHER, Director, Global Marketing and Sustainability, Brookfield Renewables
GINNY FLOOD, Vice President, Government Relations, Suncor
LISA HANKE, Director, Government Affairs, Enerkem
STEVE MACDONALD, CEO, Emissions Reduction Alberta (ERA)

SIDE EVENT 47

CANADIAN ELECTRICITY SECTOR TRANSITION

Canada’s electricity systems are over 80% non-emitting and among the cleanest in the world but opportunities remain for modernization and renewal while ensuring affordability and reliability. This panel will discuss various mechanisms, programs and approaches necessary to further accelerate the low carbon transition.

LISA DEMARCO, Senior Partner, DeMarco Allan
LAURA ARNOLD, Senior Advisor, Government Relations, TransAlta
JOHN BARRETT, President and CEO, Canadian Nuclear Association
DALE FRIESEN, Vice President, Indigenous and Government Relations, Sustainability, ATCO
DEVIN MCCARTHY, Vice President, Public Affairs, Canadian Electricity Association
GLOBE & IETA CANADIAN CORPORATE LEADERSHIP RECEPTION

Following our side event session, we are delighted to welcome you to a networking opportunity and refreshments.

Description:

Session Coord: LS

IETA ANNUAL GENERAL MEETING

Closed Meeting, for IETA Members Only

Description:

Session Coord: LS

IETA ANNUAL GENERAL MEETING RECEPTION

Closed Meeting, for IETA Members Only

Description:

Session Coord: LS
WEDNESDAY, 15 NOVEMBER 2017

### SIDE EVENT 51
ACR WELCOME TEA & COFFEE TIME

08:00 - 08:15
BusinessHub, Bonn Zone
IETA Lounge

### SIDE EVENT 52
DEMONSTRATING IMPACT IN SUSTAINABLE RICE SUPPLY CHAINS

**Description:**
The Sustainable Rice Platform (SRP) is a multi-stakeholder alliance co-convened by the International Rice Research Institute (IRRI) and UNEP to promote sustainability in the global rice sector. Winrock International, through its ACR enterprise, has been working since 2016 on an adaptation of the SRP Standard for Sustainable Rice Certification for the U.S. including rigorous quantified environmental impact metrics. Panelists will discuss the importance of the global standard to achieving sustainable rice supply chains and lessons learned for other agricultural commodities.

**Session Coord:** LS

**Moderator:** JOHN KADYSZEWSKI, Director, American Carbon Registry (ACR)

**Speakers:**
- MARK RADKA, Chief, Energy, Climate and Technology Branch, UNEP
- LUC BEERENS, Global Sustainable Sourcing Director, Mars Food
- MARY GRADY, Deputy Director, American Carbon Registry (ACR)
- CHRIS BROWN, Vice President, Corporate Responsibility & Sustainability, Olam

### SIDE EVENT 53
MARS INC. WELCOME TEA & COFFEE TIME

09:00 - 09:30
BusinessHub, Bonn Zone
IETA Lounge

### SIDE EVENT 54
ROUNDTABLE ON CORPORATE CARBON ACTION IN AGRICULTURAL SUPPLY CHAINS (ON INVITE ONLY)

**Description:**
With many corporations setting science based climate targets, there are a proliferation of different tools and methodologies for accounting for supply chain emissions, particularly related to accounting for land use change and agricultural practices. Undertaking these actions outside of a company’s direct operations is a significant challenge. The situation gets even more complicated when determining how best to account for emissions reduced or sequestered. COP 23 provides an opportunity to convene an invite-only, roundtable discussion of some of the key users and developers of these tools to address gaps and barriers, establishing a more standardized way forward. (If you are interested in seeking an invitation, please email Ashley.Allen@effem.com)

**Session Coord:** LS

**Moderator:** Roundtable discussion moderated by Mars, Inc.

### SIDE EVENT 55
MARS INC. NETWORKING LUNCH (ON INVITE ONLY)

11:00 - 12:00
BusinessHub, Bonn Zone
IETA Lounge

**Description:**
Informal invite-only lunch for participants of the Roundtable on Corporate Carbon Action.
### LINKING EMISSIONS TRADING SYSTEMS - PAVING THE WAY TOWARD A LOW-CARBON FUTURE

**Description:** Many governments are turning to carbon pricing as a means of reaching the goals of the Paris Agreement, including designing and operating ETSs. By working together though linking their ETSs, mitigation becomes cheaper, governments have the opportunity to demonstrate climate leadership. ICAP has been working with governments to facilitate discussions on ETS design compatibility and a pathway toward more connected markets. 2017 has seen key advances in linking, with Ontario joining the California-Québec carbon market and the progress of the ratification process of linking agreement for the EU-Swiss carbon market. Join us for a behind the scenes look at how these agreements came into effect and for a sneak peek of ICAP’s forthcoming Guide to Linking.

**Moderator:** CONSTANZE HAUG, Head of Secretariat, International Carbon Action Partnership

**Speakers:**
- CHRIS BALLARD, Environment Minister, Ontario
- MARC CHARDONNENS, Director, Federal Office for the Environment, Switzerland
- JARED SNYDER, Deputy Commissioner for Air Resources, Climate Change & Energy, New York State Department of Environmental Conservation
- BEATRIZ YORDI, Director, European and International Carbon Markets, European Commission

### POLICY IS THE KEY TO UNLOCKING THE POTENTIAL OF CARBON CAPTURE AND STORAGE (CCS) MITIGATION

**Description:** The world needs to substantially reduce its carbon intensity while the world’s energy consumption keeps pace with income growth, and where governments need to ensure reliable and secure access to affordable energy. There is a clear way forward without the need for a rapid abandonment of the world’s fossil resources, and that is to avoid the emissions from entering the atmosphere in the first place. This can only be done through a far greater utilisation of CCS by all nations.

**Moderator:** BRAD PAGE, CEO, Global CCS Institute

**Speakers:**
- NICK STERN, IG Patel Chair of Economics and Government, London School of Economics
- JULIO FRIEDMANN, Director, Lawrence Livermore National Laboratory
- ABYD KARMALI, Managing Director, Climate Finance, Bank of America Merrill Lynch
- SUN ZHEN, Deputy Director General, National Development and Reform Commission (NDRC)
- GRAHAM WINKELMAN, Practice Lead Climate Change, BHP Billiton
- DAVID HAWKINS, Director, Climate Program, Natural Resources Defense Council (NRDC)

### HOW CAN NUCLEAR POWER CONTRIBUTE TO CLIMATE CHANGE MITIGATION?

**Description:** Nuclear power is likely to be an indispensable part of a reliable, low cost and low carbon power supply if we are to stay below the 2°C target. Currently it accounts for a third of global low carbon electricity. The event will discuss the current outlook for nuclear energy development, identify major barriers to a larger contribution to climate change mitigation and explore recommendations on how these can be overcome, with a focus on energy/climate policies, electricity market and finance.

**Moderator:** LORETA STANKEVICIUTE, Energy Economist, International Atomic Energy Agency (IAEA)

**Speakers:**
- JEAN-YVES CANEILL, Climate Policy Consultant, France
- ANURAG GUPTA, Director, KPMG UK
- PETER JANOSKA, Energy Analyst, International Energy Agency
- ZILIANG GONG, Assistant Director of the President’s Office and International Affairs, Shanghai Nuclear Engineering Research and Design Institute (SNERDI)
- Tba, Representative, Government of Hungary
SIDE EVENT 59
CHINESE NATIONAL ETS LAUNCH AND ITS MARKET POTENTIAL IN 2018

China is launching its national ETS: how to interpret the messages from the Chinese government during COP23? Will the national ETS start with ambitious coverage or only focus on power sector? Are the covered entities well prepared to kick off at full scale? First-hand knowledge from the ground will be shared, to address the challenges and the way forward in the Chinese carbon market in 2018 from the global and local point of view.

MIN LI, China Representative, IETA
DIRK FORRISTER, President & CEO, IETA
OFFICIAL REPRESENTATIVE, NDRC/Expert, National ETS Working Group
FENG QIAN, General Manager, Shanghai Zhixin Carbon Assets Management Company
SHU WANG, Lead Managing Consultant, ICF
MANUEL MÖLLER, Senior Expert, EEX
Tbc, Beijing Environment Exchange

SIDE EVENT 60
CANADA AND THE CARBON PRICING LEADERSHIP COALITION (CPLC)

The Carbon Pricing Leadership Coalition brings together leaders from government, business, academia, and civil society to expand the use of carbon pricing policies. In Canada CPLC includes the federal government, provinces of British Columbia, Alberta, Ontario, Quebec and Northwest Territories, along with nearly 40 companies across numerous sectors of the Canadian economy. This panel will highlight opportunities for Canadian business to further contribute to both the domestic and global conversation on carbon pricing and competitiveness.

HON. CATHERINE MCKENNA, Minister of Environment and Climate Change, Government of Canada
DIRK FORRISTER, President & CEO, IETA
MIKE GERBIS, CEO, Globe Series
LINDA COADY, Chief Sustainability Officer, Enbridge
TOM KERR, Principal Climate Policy Officer, IFC, Climate Change Group, World Bank
ARLENE STROM, Vice President, Sustainability and Communications, Suncor
CELINE BAK, President, Analytica Advisors

SIDE EVENT 61
GLOBAL TECHNOLOGY INFRASTRUCTURE FOR FORESTRY AND CARBON MARKETS

15:30 - 17:00
Business Hub, Bonn Zone
IETA Room

Description:
Session Coord: AD
Moderator:
Speakers:

17:00 - 18:30
Business Hub, Bonn Zone
IETA Room

Description:
Session Coord: KS
Moderator:
Welcoming Remarks:
Introduction:
Speakers:

18:30 - 20:00
Business Hub, Bonn Zone
IETA Room

Description:
Session Coord: AD

SIDE EVENT 62
IETA COP23 NIGHTCAP RECEPETION
Closed Event, On Invitation Only

Description:
Session Coord: LS
THURSDAY, 16 NOVEMBER 2017

10:00 - 11:30
Business Hub,
Bonn Zone
IETA Room

PROMOTING CLIMATE LEADERSHIP AND ARTICLE 6 IMPLEMENTATION IN WEST AFRICA

Description: The event brings together members of the West African Alliance for Carbon Markets and Climate Finance. They will discuss and share approaches for enhancing the long-term positioning of countries to participate in international carbon markets under the Paris Agreement, and accessing RBCF.

Session Coord: SDC

Moderator: SANDRA GREINER, Lead Consultant, Climate Focus

Speakers:
- REPRESENTATIVE, West African Development Bank, BOAD
- REPRESENTATIVE, Regional Collaborative Center, Lomé
- Tba, Negotiator, West Africa Art 6

10:30 - 11:00
Bula Zone
Press Conference Room 2

IETA PRESS CONFERENCE: BUSINESS VIEWS ON THE NEGOTIATIONS

Katie Kouchakji, Head of Communication, IETA

To be announced

11:30 - 13:00
Business Hub,
Bonn Zone
IETA Room

ENERGY TECHNOLOGIES AND DIGITALIZATION FOR A LOW-CARBON WORLD

Description: The IEA will present key results of Energy Technology Perspectives 2017, which assesses technology pathways for accelerated decarbonisation (“Beyond 2°C Scenario”) and highlights the importance of an integrated approach to reach sustainable energy goals. The IEA will also present the recently-released Digitalization & Energy report, which examines how digital technologies could help improve the efficiency and sustainability of energy systems around the world.

Session Coord: JM

Moderator: Tba

Speakers:
- DAVID TURK, Director (Acting), Sustainability Technology and Outlooks, IEA
- GEORGE KAMIYA, Energy Policy Analyst, Environment and Climate Change Unit, IEA

13:30 - 15:00
Business Hub,
Bonn Zone
IETA Room

HIGH-LEVEL ROUNDTABLE: CONVERSATION ON ARTICLE 6

Description: Don’t miss this armchair conversation on the state of play of the operationalisation of Article 6 of the Paris Agreement. The discussion will be moderated by Dirk Forrister and we will ask the Article 6 co-facilitators to share their views on the progress made to date at COP23, the remaining sticking points and the areas of alignment among Parties. The discussion will be followed by an open floor Q&A.

Session Coord: SDC

Moderator: DIRK FORRISTER, President & CEO, IETA

Speakers:
- KELLEY KIZZIER, Article 6 Co-Facilitator, DG CLIMA, European Union
- HUGH SEALY, Article 6 Co-Facilitator, Maldives

www.ieta.org
15:00 - 16:30
Business Hub,
Bonn Zone
IETA Room

Description:
Session Coord: LS
Moderator:
Speakers:

TO BE ANNOUNCED

SIDE EVENT 67

16:30 - 18:00
Business Hub,
Bonn Zone
IETA Room

Description:
Session Coord: AD
Co-Facilitators: KATIE SULLIVAN, Managing Director, IETA
TOM BAUMANN, Collaborase Co-Founder, ClimateCHECK

ROUNDTABLE: MRV INNOVATION, BLOCKCHAIN AND CARBON PRICING

SIDE EVENT 68

18:00 - 19:30
Business Hub,
Bonn Zone
IETA Room

Description:
Session Coord: JM
Moderator: JULIA MICHALAK, Director of EU Policy, IETA
Speakers: To be announced

EU ETS IN THE PARIS VISION

SIDE EVENT 69

19:30 - 20:30
Business Hub,
Bonn Zone
IETA Lounge

Description:
Session Coord: SDC

IETA & CMIA CLIMATE CHAMPION AWARD & RECEPTION

SIDE EVENT 70

For the third year in a row, CMIA and IETA are partnering to celebrate carbon pricing leadership at the COP. Join CMIA and IETA as we announce the Carbon Pricing Champion for this week at the COP, and raise a glass to the winner(s)!
FRIDAY, 17 NOVEMBER 2017

10:30 - 11:00
BusinessHub,
Bonn Zone
IETA Lounge

SIDE EVENT 71
IETA PRESS HUDDLE
Informal chat with journalists about the progress of the COP.
KATIE KOUCHAKJI, Head of Communication, IETA

Description:
Facilitated by:
Session Coord: KK

10:30 - 12:00
Business Hub,
Bonn Zone
IETA Room

SIDE EVENT 72
CLIMATE FINANCE FOR SUSTAINABLE ENERGY IN SIDS
While adaptation is the major challenge for SIDS, providing clean and affordable energy is also a concern that needs to be addressed in the context of sustainable development. This side event examines the current status of climate finance in SIDS and offers case studies of innovative programs that seek to promote sustainable energy supply for SIDS.
AXEL MICHAELOWA, Senior Founding Partner, Perspectives
BRUCE KIJINER, Secretary, Ministry of Foreign Affairs, Republic of the Marshall Islands
HAN-PANG SU, Director of Research Division III, Taiwan Research Institute
BJÖRN DRANSFELD, Founding Partner, The Greenwerk
ROBERT SHIH, General Manager, YC Consultants

Description:
Session Coord: SDC
Moderator:
Speakers:
OUR COP23 / CMP13 / CMA2 PARTNERS

AMERICAN CARBON REGISTRY (ACR)

The American Carbon Registry (ACR), a nonprofit enterprise of Winrock International, was founded in 1996 as the first private voluntary greenhouse gas registry in the world. A mission-driven institution named for philanthropist Winthrop Rockefeller, Winrock believes that climate change will have a profound impact on the poorest populations around the world and that markets are the most effective path to mobilize actions to reduce emissions. Winrock operates ACR to create confidence in the environmental and scientific integrity of carbon offsets in order to accelerate transformational emission reduction actions. As a pioneer in harnessing the power of markets to improve the environment, ACR has set the bar for offset quality that is the market standard today and continues to lead market innovations.

Contact Person: MARY GRADY, Deputy Director
acr@winrock.org | www.americancarbonregistry.org

ASIAN DEVELOPMENT BANK (ADB)

The Asian Development Bank aims for an Asia and Pacific free from poverty. Its mission is to help developing member countries reduce poverty and improve the quality of life of their people. Despite the region’s many successes, it remains home to a large share of the world’s poor: 330 million living on less than $1.90 a day and 1.2 billion on less than $3.10 a day. ADB in partnership with member governments, independent specialists and other financial institutions is focused on delivering projects in developing member countries that create economic and development impact.

Contact Person: VIRENDER KUMAR DUGGAL, Fund Manager - Future Carbon Fund
vkduggal@adb.org | www.adb.org

Bluesource

Bluesource is a market-maker, an advisor and a capital source for environmental markets. For over 20 years, the Company has been a leader in climate change and low carbon environmental products and services starting with its first transaction in 1996; the capture and large scale sequestration of vent-stack carbon dioxide. Today, Bluesource creates emission reductions from over 20 different technologies in over 85 locations across 46 states and 4 Canadian provinces.

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

CARBON PRICING LEADERSHIP COALITION (CPLC)

Partners are the center of the Coalition’s work — their leadership and action drives momentum on carbon pricing forward and is inspiring others to join the conversation. Through the CPLC, Partners have the opportunity to showcase government and private sector action, highlight the business and environmental case for carbon pricing, and work with their peers to move the discussion forward. There are many powerful actions Partners can take to lead the CPLC’s mission and support the broadening, deepening, and linking of carbon pricing policy — strategies and stories of action are outlined below.

Contact Person: TOM KERR, Principal Climate Policy Officer
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**OUR COP23 / CMP13 / CMA2 PARTNERS**

**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, Fellow & Senior HES Advisor, Climate Change
rlas@Chevron.com | www.chevron.com

**Ci-Dev**

The Carbon Initiative for Development (Ci-Dev) was launched in December 2011 to build capacity and develop tools and methodologies to help the world’s poorest countries access carbon finance, mainly in the area of energy access. It is set up to use performance payments based on reduced emissions to support projects that use clean and efficient technologies in low-income countries.

www.ci-dev.org

**CLIMATE ACTION RESERVE (CAR)**

The Climate Action Reserve 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 greenhouse gas emissions and works to ensure environmental benefit, integrity and transparency in market-based solutions to address global climate change. 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 Person: CRAIG EBERT, President
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**Climate Focus**

Climate Focus is a pioneering international advisory company committed to the development of policies, methodologies, programmes and projects that mitigate and adapt to the impacts of climate change. Our international and multidisciplinary team works closely with the private sector, governments, non-governmental and multilateral organizations, across a range of sectors including renewable energy, forestry, agriculture, waste, transport, and energy efficiency.

Contact Person: SANDRA GREINER, Lead Consultant
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CLIMATE HOME (Formerly 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
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CRX CarbonBank

CRX CarbonBank™ is a cloud-based, block-chain ready platform where members meet to interact and trade instruments of the carbon markets. CRX CarbonBank™ has been designed with a simple and inviting interface. Besides reducing carbon emissions, revenue generated from trades of carbon instruments facilitate the growth of socio-economic aspects of projects that qualify under the International Rules and with respect to the 17 SDGs of 2015. CRX CarbonBank™ welcomes individuals, businesses, organizations and governments globally to come aboard as members. It’s all about Accountability, Responsibility & Traceability. Practice the A.R.T of resilience with CRX CarbonBank™.

Contact Person: VINOD KESAVA, Co-founder / MD & CEO
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DELPHI GROUP

As a pioneer in sustainability and environmental risk management, The Delphi Group has more than 25 years of experience helping some of Canada’s best-known companies improve the sustainability of their organizations – as well as the local and global communities in which they operate. Our clients benefit from the Delphi Difference: we bring a unique combination of policy expertise, strategic thinking, and technical know-how to every project.

Contact Person: MIKE GERBIS, CEO
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ENEL FOUNDATION

Our Mission is to interpret and analyze complex systems, fundamental trends and phenomena of global relevance with the aim of providing a scientific and rigorous interpretation of these dynamics and stimulating and participating in the international scientific debate. We explore the implication of global challenges in the energy domain and develop scenario analysis, policy and regulation studies to support the transition to a more sustainable future – homogenous, resilient and fueled by innovation – virtuously interpreting the relationship between society and business. Activities are performed in partnership with pre-eminent experts and institution across the globe, leveraging on the tremendous knowledge of Enel Team, we conduct research and design multi flags capacity-building programs supporting talents in the scientific and institutional realms.

Contact Person: MARIANO MORAZZO, Acting Deputy Director
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ENVIRONMENTAL DEFENSE FUND (EDF)

We address today’s most urgent environmental challenges by targeting issues that affect people around the world. Working in partnership with others, we focus where we’re best positioned to help, based on our strengths. We’re one of the world’s largest environmental organizations, with more than two million members and a staff of 675 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.

Contact Person: NATHANIEL KEOHANE, Vice President
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ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)

Environmental Resources Management (ERM) is a leading global provider of environmental, health, safety, risk, social consulting services and sustainability related services. We have more than 160 offices in over 40 countries and territories employing more than 4,500 people who work on projects around the world. ERM is committed to providing a service that is consistent, professional and of the highest quality to create value for our clients. We have worked with many of the Global Fortune 500 companies delivering innovative solutions for business and selected government clients helping them understand and manage the sustainability challenges that the world is increasingly facing.

Contact Person: TARA SCHMIDT, Global Energy Transition Principal Consultant
tara.schmidt@erm.com | www.erm.com

EUROPEAN BANK FOR RECONSTRUCTION AND DEVELOPMENT (EBRD)

The EBRD is investing in changing people’s lives from central Europe to central Asia, the Western Balkans and the southern and eastern Mediterranean. Working together with the private sector, the Bank invests in projects, engages in policy dialogue and provides technical advice that fosters innovation and builds sustainable and open-market economies. The EBRD is owned by 66 countries from five continents, as well as two intergovernmental institutions (the EU and the EIB). It maintains a close political dialogue with governments, authorities and representatives of civil society to promote its goals. It also works in cooperation with international organisations such as the OECD, the IMF, the World Bank and UN specialised agencies.

Contact Person: JAN-WILLEM VAN DE VEN, Head of Carbon Market Development
vandeveJ@ebrd.com | www.ebrd.com

Global technology Infrastructure for Forestry and Carbon Markets (GEM)

GEM develops & owns a range of unique & innovative electronic exchanges & trading platforms. Our FinTech platforms are core infrastructure for entire markets, are infinitely customisable for any marketplace that has serialised products logged in a registry. Our latest Registry solution can even assist markets take their physical certificates through the dematerialisation process for Trading. Each market GEM engages with are provided a robust exchange trading platform ensuring operators, regulators (if applicable) & market participants have confidence the marketplace will be fair, orderly, transparent & most of all – cost effective. GEM’s CTX technology previously won the Best Technology Solution at the ‘2 Degrees’ environmental awards in London.

Contact Person: WAYNE SHARPE, CEO & Founder
The Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB) is responsible for a range of government policies which are reflected in the name of the ministry itself. For more than 30 years the Ministry has worked to protect the public from environmental toxins and radiation and establish an intelligent and efficient use of raw materials; it has advanced climate action and promoted a use of natural resources that conserves biodiversity and secures habitats.

Contact Person: LYDIA ONDRACZEK, Referat KI I 6
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The GCCSI is an international fact-based advocacy and knowledge sharing organisation, which has as its mission to accelerate the deployment of carbon capture and storage (CCS) globally in order to help to tackle climate change and provide energy security. The Institute is an accredited observer to the UNFCCC, the Intergovernmental Panel on Climate Change (IPCC), the Green Climate Fund (GCf); and member to the UNFCCC’s Climate Technology Centre and Network (CTCN) and the UN Global Compact (UNGC).

Contact Person: JOHN SCOWCROFF, Executive Adviser, EMEA
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A pioneer in creating agile scalable solutions with measurable environmental and social impact. In 2011 our team started research on gamification and sustainable eco-actions, following the One Planet Leaders Program at IMD, Lausanne. Since then, we’ve been pioneering and developing gamification for multinationals to create “green teams” that are committed to changing their habits and reduce their carbon footprint. GGW success record includes launching at P&G European HQ in Geneva, in 2013 and 2015 during the COP21 and writing a case study for Climate-KIC Transition Hub. We are also B-CORP certified.

Contact Person: MARIE LAURE BURGENER, Founder & Chief Innovation Officer
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The Harvard Project on Climate Agreements was established in 2007 to help identify and advance scientifically sound, economically sensible, and politically pragmatic public policy options for addressing global climate change. Drawing upon leading thinkers in countries around the world (including Argentina, Australia, China, Europe, India, Japan, and the United States), the Project conducts research on policy architecture, key design elements, and institutional dimensions of international and domestic climate-change policy. The Harvard Project is based in the Harvard Kennedy School.

Contact Person: JASON CHAPMAN, Program Manager, Harvard Environmental Economics Program
Jason_Chapman@hks.harvard.edu | www.belfercenter.org
INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA)

The International Air Transport Association (IATA) is the trade association for the world’s airlines, representing some 275 airlines or 83% of total air traffic. We support many areas of aviation activity and help formulate industry policy on critical aviation issues.

Contact Person: MICHEL ADAM, Senior Manager Aviation & Environment
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INTERNATIONAL ATOMIC ENERGY AGENCY (IAEA)

Widely known as the world’s “Atoms for Peace” organization within the United Nations family, the IAEA is the international centre for cooperation in the nuclear field. The Agency works with its Member States and multiple partners worldwide to promote the safe, secure and peaceful use of nuclear technologies.

Contact Person: LORETA STANKEVICIUTE, Energy Economist
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INTERNATIONAL CARBON ACTION PARTNERSHIP (ICAP)

ICAP is an international forum for governments and public authorities that have implemented or are planning to implement ETSs. ICAP facilitates cooperation between countries, sub-national jurisdictions and supranational institutions that have established or are actively pursuing carbon markets through mandatory cap and trade systems. Founded in 2007 in Lisbon, Portugal, by leaders of more than 15 governments, ICAP provides the opportunity for member jurisdictions to share best practices and discuss ETS design elements with a view to creating a well-functioning global carbon market through linking ETS. The work of ICAP focuses on the three pillars of technical dialogue, ETS knowledge sharing and capacity building activities.

Contact Person: CONSTANZE HAUG, Head of Secretariat
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INTERNATIONAL CARBON REDUCTION & OFFSET ALLIANCE (ICROA)

The International Carbon Reduction and Offset Alliance (ICROA) is an non-profit organisation made up of the leading carbon reduction and offset providers in the voluntary carbon market. At a time when governments, businesses and organisations all over the world are looking for immediate and actionable solutions to keep the global temperature rise to below 2°C, ICROA plays a vital role in advocating for the use of offsetting and carbon finance to mitigate climate change. Being comprised of the leading companies in the voluntary carbon market, we provide a unified voice in these critical policy and market discussions.

Contact Person: SIMON HENRY, Director
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International Civil Aviation Organization (ICAO)

The International Civil Aviation Organization (ICAO) is a UN specialized agency, established by States in 1944 to manage the administration and governance of the Convention on International Civil Aviation (Chicago Convention). ICAO works with the Convention’s 191 Member States and industry groups to reach consensus on international civil aviation Standards and Recommended Practices (SARPs) and policies in support of a safe, efficient, secure, economically sustainable and environmentally responsible civil aviation sector.

Contact Person: TETSUYA TANAKA, Head of Climate Change
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INTERNATIONAL ENERGY AGENCY (IEA)

The International Energy Agency (IEA) is an autonomous organisation that 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.

Contact Person: CHRISTINA HOOD, Senior Climate Policy Analyst
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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: JIM HERBERTSON, Technical Director, Climate and Energy
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KOREA ENVIRONMENT CORPORATION (KECO)

K-eco aims to contribute to eco-friendly development of Korea through the effective operation of greenhouse gas reduction programs to prevent environmental pollution, improve the environment, facilitate resource recycling and respond to climate change. (Law No. 11446, the K-eco Act)

Contact Person: SEUNG-HWAN OH, Manager, Carbon Market Promotion Team
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MARS INC.

More than 100 years ago, a young Frank C. Mars started making candies in his Tacoma, Washington kitchen. From that simple beginning, his son Forrest built Mars into the mature company it is today, first by creating the MILKY WAY® bar with his father and later by expanding the business overseas and diversifying into new categories like pet care and food. Today, the Mars family of Associates is 80,000 strong in 78 countries around the world.

Contact Person: ASHLEY ALLEN, Climate & Land Senior Manager
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Ministère de l’Économie, de la Science et de l’Innovation, Quebec

The Ministry's mission is to support business growth, entrepreneurship, science, innovation, export trade and investment. The MESI is coordinating the elaboration and the implementation of the digital strategy. It also advises the Government with a view to favouring economic development in every region of Québec, in a perspective of: job creation; economic prosperity; sustainable development.

Contact Person: ÉLISE ROY, Conseillère en affaires internationales - Pupitre Afrique
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MITSUBISHI UFJ RESEARCH AND CONSULTING (MURC)

Mitsubishi UFJ Research and Consulting (MURC) is the think tank arm of Mitsubishi UFJ Financial Group and has bases in Tokyo, Nagoya, and Osaka. Japan’s three biggest cities. MURC has been playing a role of the secretariat for the Joint Committee of the Joint Crediting Mechanism (JCM) since its launch of the mechanism.

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ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT (OECD)

The OECD is to promote policies that will improve the economic and social well-being of people around the world. The OECD provides a forum in which governments can work together to share experiences and seek solutions to common problems. We work with governments to understand what drives economic, social and environmental change. We measure productivity and global flows of trade and investment. We analyse and compare data to predict future trends. We set international standards on a wide range of things, from agriculture and tax to the safety of chemicals.

Contact Person: ROBERT YOUNGMAN, Principal Policy Analyst, Environment Directorate
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Taiwan Research Institute (TRI)

Taiwan Research Institute (henceforth abbreviated as TRI, or simply the Institute) was established in 1994 by a group of leading members of the business community in Taiwan. The Institute is operated by academic elites, and chartered by the Ministry of Education of the Republic of China as a privately funded non-profit organization. Its mission is to engage in the planning of Taiwan's overall strategic development and the in-depth study and analysis of Taiwan's public policy, and to promote ultimately Taiwan's long-term modernization. TRI dedicates itself to the general public as a non-partisan specialized think tank.

Contact Person: HAN-PANG SU, Director of Research Division III
www.tri.org.tw

PACIFIC GAS AND ELECTRIC COMPANY (PG&E)

Pacific Gas and Electric Company, incorporated in California in 1905, is one of the largest combined natural gas and electric energy companies in the United States. Based in San Francisco, the company is a subsidiary of PG&E Corporation. There are approximately 20,000 employees who carry out Pacific Gas and Electric Company's primary business—the transmission and delivery of energy. The company provides natural gas and electric service to approximately 16 million people throughout a 70,000-square-mile service area in northern and central California.

Contact Person: CHRIS BENJAMIN, Director, Corporate Sustainability
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STATOIL

We use our competence and technology to provide energy to a growing population in a responsible manner. This guides us as we work towards a future where energy is affordable and sustainable for all. Since 1972 we have explored, developed and produced oil and gas on the Norwegian continental shelf, where we are a leading operator. We create value through safe and efficient operations, innovative solutions and technology. Statoil’s competitiveness is founded on our values-based performance culture, with a strong commitment to transparency, cooperation and continuous operational improvement.

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UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT (USAID)

USAID's mission statement highlights two complementary and intrinsically linked goals: ending extreme poverty and promoting the development of resilient, democratic societies that are able to realize their potential. We fundamentally believe that ending extreme poverty requires enabling inclusive, sustainable growth; promoting free, peaceful, and self-reliant societies with effective, legitimate governments; building human capital and creating social safety nets that reach the poorest and most vulnerable.

Contact Person: THOMAS BLACK, Climate Change Specialist
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VERIFIED CARBON STANDARD (VCS)

VCS develops and manages standards and frameworks to vet environmental and sustainable development efforts, build their capacity and connect them to funding. By ensuring that our standards are robust, practical and transparent, we can accurately quantify benefits and drive investment in responsible, high-performing projects and programs. We work closely with civil society, governments and the private sector to develop novel frameworks and enable results on the ground. We continue to bring our expertise in standard development and program management from our flagship voluntary carbon market program into new fields, to increase the scope and scale of our impact.

Contact Person: DAVID ANTONIOLI, Chief Executive Officer
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WORLD BANK GROUP

The World Bank Group’s mission is to end poverty and boost shared prosperity, doing so in ways that promote environmental, social, and fiscal sustainability. It sees climate change as a fundamental threat to development and is helping to scale up climate-friendly policies and finance instruments.

Contact Person: PABLO CESAR BENITEZ, Senior Economist Africa Region
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YC Consultants

Vision is one of the prestigious carbon asset management companies in the Asia Pacific region. Mission to the global thinking, the concept of local action, the power of the people to help with its. Can reduce greenhouse gas emissions to slow global climate change. Mission With “Think global, act locally” to reduce GHG emissions. Business philosophy sincere, professional, sustainable, innovative.

Contact Person: ROBERT SHIH, General Manager
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to mobilize private investment for climate action.

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and the role of
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SEE YOU THERE! Your IETA Team