



EUROPEAN
CLIMATE
SUMMIT

15-17 April 2019
Lisbon | Portugal
Four Seasons Hotel

**EUROPEAN
CLIMATE
SUMMIT
2019** **WHERE EUROPEAN
CARBON MARKETS
MEET TO DRIVE
CLIMATE ACTION
FORWARD**

SUMMIT GUIDE

Organised by



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Dirk Forrister
President & CEO
International Emissions Trading Association (IETA)

Dear Friends and Colleagues,

IETA's inaugural European Climate Summit takes place at an exciting time for market mechanisms. Not only are existing markets thriving and expanding, but new systems are being developed around the world that promise to help deliver greater ambition in order to meet the goals of the Paris Agreement.

In recent weeks we've heard about changes to China's proposed nationwide emissions market that will make it more transparent and liquid. We're expecting soon to celebrate the linkage between the oldest market - Europe's - and the Swiss ETS. And in Latin America we're watching a number of countries take steps to put a price on carbon emissions.

Here in Europe, the cost of emitting CO₂ is at its highest level in more than ten years, which is driving wholesale changes in the way Europe generates power, and which promises to support innovation in industry going forward as well.

And, significantly for us, this is IETA's twentieth anniversary! It's been a long journey since the World Business Council on Sustainable Development and the UN Conference on Trade and Development decided in 1999 to set up an association to promote market-based mechanisms for climate action.

We've had some knock-backs and some great successes, but the fact that we're still here after 20 years, and that we're getting involved with more and more countries, shows that our mission is relevant, timely and persuasive.

We hope you enjoy the Summit, and look forward to catching up with you!

Dirk Forrister

ABOUT IETA

The International Emissions Trading Association (IETA) is a non-profit business association, established in 1999 to serve businesses engaged in market solutions to tackle climate change. It seeks to establish a functional international framework for trading in greenhouse gas (GHG) emission reductions. Our membership includes over 140 leading international companies from around the world and across the carbon trading cycle. As national contributions to the Paris Agreement are implemented, IETA advocates the power of emissions markets that price carbon effectively and address climate change. IETA members thrive to develop an emissions trading regime that results in real and verifiable GHG emission reductions, while balancing economic efficiency with environmental integrity and social equity.

 Contact: Lisa Spafford, Managing Director | spafford@ieta.org | www.ieta.org



REPÚBLICA PORTUGUESA

AMBIENTE E TRANSIÇÃO ENERGÉTICA



João Pedro Matos Fernandes
Minister of Environment and Energy Transition
XXI Government - Portuguese Republic

Dear European Climate Summit Delegates,

It is my great pleasure to welcome you to the European Climate Summit, promoted by IETA in the year of the celebration of its 20 years of activity. I am honoured that Portugal and in particular the city of Lisbon - European Green Capital 2020 - have been chosen for this celebration.

This event is of great importance and opportunity as this is a key year for climate change policy. The IPCC Special Report brings to light new evidence on the current and future impacts of climate change, the need to respect the 1.5° limit and the urgency and magnitude of climate action. Hold the global temperature below this limit and avoid major impacts requires rapid and far-reaching changes across all economy sectors. Not acting is not an option. There is a need for urgent and effective climate action and a long-term vision towards a carbon neutral society. In addition, awareness is raising and people are calling for urgent action to combat climate change.

Portugal set the objective to achieve carbon neutrality by 2050 and developed a roadmap to achieve this goal. Furthermore, we are concluding an ambitious climate and energy plan looking forward significant GHG emission reductions by 2030 and setting the framework for a major deployment of renewable energy generation along with an increase in energy efficiency and with the promotion of a more circular economy. Portugal believes that addressing climate change challenges and promoting the transition towards a low carbon society will allow us to be more prosper, to create more jobs, to have a fair society, well within the limits imposed by our natural system.

This is also the moment to defend greater ambition. Europe is discussing the Long Term Strategy - the Clean Planet for All that should set the path towards neutrality. At this crucial moment it is necessary to join forces, to leverage the instruments we need for the decarbonisation of the economy and to guarantee the energy transition, without leaving anyone behind. IETA has played an important role in this process as demonstrated by the ability to bring together leading climate and energy practitioners to discuss and analyse key developments in climate policy. I hope that this will be a moment of celebration for IETA and for all those whose mission is to build a better world.

Minister Matos Fernandes

ABOUT PORTUGUESE MINISTRY OF ENVIRONMENT AND ENERGY TRANSITION

The mission of the Ministry of the Environment and Energy Transition is to formulate, conduct, execute and evaluate policies on the environment, urban planning, cities, housing, urban, suburban and road passenger transport, climate, nature conservation and energy with a view to sustainable development and social and territorial cohesion.

📧 Contact: Ana Paula Rodrigues | apaula.rodrigues@mate.gov.pt | www.portugal.gov.pt



LEGEND

- | | |
|--------------------------------|---|
| ● Summit Pre-Day & Side Events | ● European Climate Action Workshop Stream |
| ● Summit Plenaries | ● International Markets Workshop Stream |
| ● Social Events | |

MONDAY, 15 APRIL

- | | |
|-------|---|
| 13:00 | ● Building a Coalition on International, Cooperative Approaches for Natural Climate Solutions (NCS) (OPEN EVENT) |
| 15:00 | 📍 Room Castilho, Ballroom Lower Foyer Organised by Climate Advisers, in Collaboration with IETA |
| 14:00 | ● European Regional Consultation - High-Level Commission on Carbon Pricing and Competitiveness (OPEN EVENT) |
| 16:00 | 📍 Room Gil Eanes I + II, Mezzanine Level Organised by the Carbon Pricing Leadership Coalition (CPLC) |
| 14:30 | ● Carbon Neutrality and Just Transition (OPEN EVENT) |
| 18:30 | 📍 Room Marques de Pombal, Mezzanine Level Organised by the Ministry of Environment and Energy Transition, Portugal |
| 16:00 | ● IETA Council Meeting (CLOSED EVENT) |
| 19:00 | 📍 Room Castilho, Ballroom Lower Foyer Organised by the International Emissions Trading Association (IETA) |
| 16:30 | ● Advisory Group Meeting - High-Level Commission on Carbon Pricing and Competitiveness (CLOSED EVENT) |
| 18:30 | 📍 Room Gil Eanes I+II, Mezzanine Level Organised by the Carbon Pricing Leadership Coalition (CPLC) |
| 18:30 | ● European Climate Summit Welcome Cocktail Reception (FOR ECS DELEGATES ONLY) |
| 20:00 | 📍 Almada Negreiros Lounge, Main Level Hosted by IETA |

TUESDAY, 16 APRIL

- | | |
|-------|---|
| 09:00 | ● European Climate Summit Opening Addresses |
| 09:15 | 📍 Ballroom Pedro Leitão, Upper Level |
| 09:15 | ● Keynote Insights on How Europe can Lead the World in the Climate Challenge |
| 09:45 | 📍 Ballroom Pedro Leitão, Upper Level |
| 09:45 | ● Industrial Decarbonisation - The Next Challenge |
| 11:00 | 📍 Ballroom Pedro Leitão, Upper Level |
| 11:00 | ● Coffee Time in the Exhibition Lounge |
| 11:30 | 📍 Ballroom Foyer, Lower Level |
| 11:30 | ● Taking Article 6 Over the Finish Line |
| 12:45 | 📍 Ballroom Pedro Leitão, Upper Level |
| 12:45 | ● Lunch Time on the Terrace |
| 14:00 | 📍 Fernando Pessoa I, Lower Level |
| 14:00 | ● What are the Prospects for Future Links to the EU ETS? |
| 15:15 | 📍 Ballroom Pedro Leitão, Upper Level |
| 15:15 | ● Short Break |
| 15:30 | |
| 15:30 | ● Brexit: Boom or Bust? |
| 16:30 | 📍 Ballroom Pedro Leitão, Upper Level |
| 15:30 | ● Complementary or Overlapping? The Power & Peril of Additional Policies |
| 16:30 | 📍 Fernando Pessoa II, Lower Level |
| 16:30 | ● Coffee Time in the Exhibition Lounge |
| 16:45 | 📍 Ballroom Foyer, Lower Level |
| 16:45 | ● Creating Vibrant Carbon Markets to Scale Voluntary and Compliance Climate Action |
| 17:45 | 📍 Ballroom Pedro Leitão, Upper Level |

16:45 ● **Analysts' Review and Price Outlook**
 17:45 📍 Fernando Pessoa II, Lower Level

17:45 ● **Short Break**
 18:00

18:00 ● **20 Years of IETA - Bringing You the World of Carbon Markets**
 19:30 📍 Ballroom Pedro Leitão, Upper Level

21:00 ● **IETA Nightcap Party**
 00:00 📍 On Invitation Only

WEDNESDAY, 17 APRIL

10:00 ● **Climate Risk: How can Financial Markets be Aligned with Climate Targets?**
 11:00 📍 Ballroom Pedro Leitão, Upper Level

10:00 ● **Unlocking Private Sector Investment in Natural Climate Solutions**
 11:00 📍 Fernando Pessoa II, Lower Level

11:00 ● **Coffee Time in the Exhibition Lounge**
 11:30 📍 Ballroom Foyer, Lower Level

11:30 ● **Managing Carbon Risk in a Volatile Price Environment**
 12:30 📍 Ballroom Pedro Leitão, Upper Level

11:30 ● **Carbon Pricing on the Rise: The Challenge of Safeguarding Competitiveness**
 12:30 📍 Fernando Pessoa II, Lower Level

12:30 ● **Lunch Time on the Terrace**
 13:45 📍 Fernando Pessoa I, Lower Level

13:45 ● **Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA): What Does the Future Look Like for Aviation in Europe and Beyond?**
 14:45 📍 Ballroom Pedro Leitão, Upper Level

13:45 ● **Modelling the Economic Value of Article 6**
 14:45 📍 Fernando Pessoa II, Lower Level

14:45 ● **Coffee Time in the Exhibition Lounge**
 15:00 📍 Ballroom Foyer, Lower Level

15:00 ● **How can the EU ETS Support Higher Ambition by 2050?**
 16:15 📍 Ballroom Pedro Leitão, Upper Level

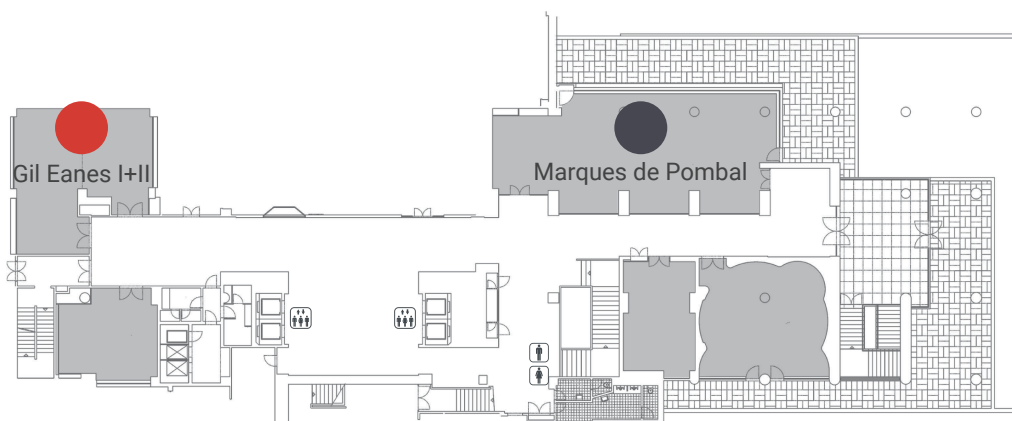
16:15 ● **European Climate Summit Closing Addresses**
 16:30 📍 Ballroom Pedro Leitão, Upper Level

WORKSHOP STREAMS

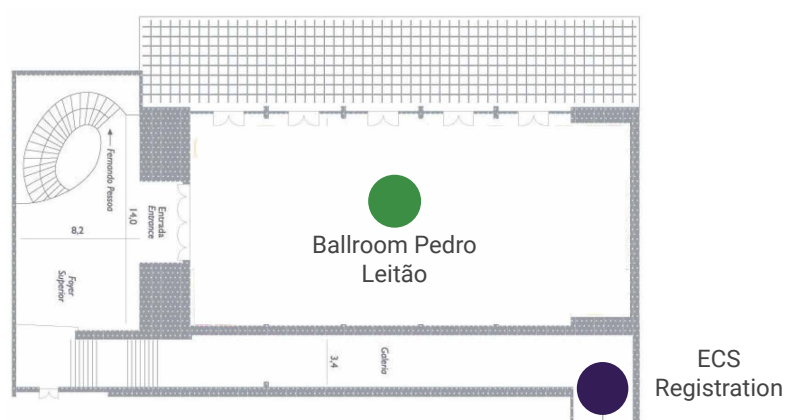
● **European Climate Action:** Europe is a world leader in climate action and is evaluating options to reach net zero emissions by 2050. This will require action at an unprecedented scale which will impact all parts of the economy. 2018 saw tremendous market activity with European carbon units finishing the year as the best performing major global commodity. 2019 and beyond heralds new territory for the market with new regulations and uncertainties, links to new markets and sectors, and funds to drive innovation and technology. ECS will focus on what these developments mean for the future of climate action in Europe.

● **International Markets:** The adoption of the Paris Rulebook at COP24 was a clear milestone for international climate action. But much work remains to implement and bring to life the Paris Agreement. More importantly, the guidance for market cooperation (Article 6). At the same time, several countries are moving forward to implement bilateral and multilateral forms of collaboration to reduce emissions through market-based measures. ECS will look at the state of play in international carbon markets, the challenges lying ahead, and paving the way forward.

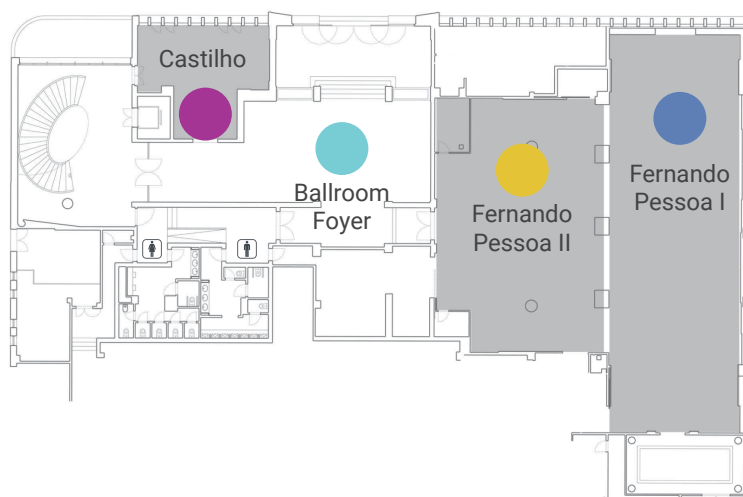
MEZZANINE LEVEL



UPPER LEVEL



LOWER LEVEL



LEGEND

- | | |
|--|---|
| <ul style="list-style-type: none"> ● Galeria (Upper Level)
ECS Registration ● Marques de Pombal (Mezzanine Level)
Summit Pre-Day Meeting Room ● Gil Eanes I+II (Mezzanine Level)
Summit Pre-Day Meeting Room, Side Events & VIP Room ● Ballroom Pedro Leitão (Upper Level)
Plenary Room & Workshop Room (European Climate Action Stream) | <ul style="list-style-type: none"> ● Fernando Pessoa II (Lower Level)
Workshop Room (International Markets Stream) ● Fernando Pessoa I (Lower Level)
Lunch Room & Terrace ● Ballroom Foyer (Lower Level)
Exhibition Lounge ● Castilho (Lower Level)
ECS Secretariat |
|--|---|



MONDAY, 15 APRIL

12:30 ● **European Climate Summit Registration**

18:00 📍 Foyer, Mezzanine Level

13:00 ● **Building a Coalition on International, Cooperative Approaches for Natural Climate Solutions (NCS) (OPEN EVENT)**

15:00 📍 Room Castilho, Ballroom Lower Foyer | Organised by Climate Advisers, in Collaboration with IETA

This session will explore the value of, and potential for, building a coalition of nations and non-state actors committed to the development of cooperative arrangements under Article 6 of the Paris Agreement to enhance ambition through NCS partnerships (including on REDD+) and to developing best practices for doing so. The Global Platform for the New York Declaration on Forests (NYDF) is interested in advancing such multi-stakeholder initiatives at the UN Secretary General's Climate Summit in September 2019. The NYDF is a partnership of governments, multinational companies, civil society and indigenous peoples who strive to halve deforestation by 2020 and to end it by 2030.

👤 Hosted by: Peter Graham, Managing Director, Climate Advisers

👤 In Collaboration with: Simon Henry, Director, Carbon Market Development, IETA

14:00 ● **European Regional Consultation - High-Level Commission on Carbon Pricing and Competitiveness (OPEN EVENT)**

16:00 📍 Room Gil Eanes I+II, Mezzanine Level | Organised by the Carbon Pricing Leadership Coalition (CPLC)

Opening and Introductory Remarks on the Commission

👤 Angela Naneu Churie Kallhauge, Senior Climate Change Specialist, World Bank

Summary of the Draft Working Paper and Update on First Commissioner's Meeting

👤 Daniel Besley, Senior Climate Change Specialist, World Bank

Moderated Discussion

👤 Jos Delbeke, Commissioner, High-Level Commission on Carbon Pricing and Competitiveness

Next Steps

👤 Angela Naneu Churie Kallhauge, Senior Climate Change Specialist, World Bank

14:30 ● **Carbon Neutrality and Just Transition (OPEN EVENT)**

18:30 📍 Room Marques de Pombal, Mezzanine Level | Organised by the Ministry of Environment and Energy Transition, Portugal

Portugal has committed to being carbon neutral by 2050. Reaching net-zero carbon emissions will present both a significant opportunity and an enormous challenge – both economically and socially - as a successful transition will require close between policy, technology and capital, as well as an effective engagement of both public and private sector.

This event is part of a series of thematic events on the decarbonization of society within the framework of the Roadmap to Carbon Neutrality 2050. The event will focus on issues of social transition surrounding the output of the carbon neutrality roadmap. The work being developed in the context of the RNC2050 and the relevance of the just transition theme for the RNC will also be presented at the event.

15:00 **Opening Session with Keynote Addresses**

15:30 👤 Miguel Cabrita, Secretary of State of Employment, Government of Portugal

👤 H.E. João Matos Fernandes, Minister of Environment and Energy Transition, Portugal

15:30 **Just Transition in the Context of the RNC2050**

16:00 👤 Pedro Martins Barata, Partner, Get2C & RNC2050 Coordinator

The Road to Carbon Neutrality - The Energy Transition and the Social Challenge

👤 Lord Nicholas Stern, IG Patel Professor of Economics and Government & Chairman of the Grantham Research Institute on Climate Change and the Environment

16:00 **Coffee Break**

16:30

16:30 **Roundtable: Carbon Neutrality and Just Transition**

18:00 👤 Nuno Lacasta, President, Portuguese Environment Agency (APA)

👤 Jill Duggan, Director of Policy and Director, The Prince of Wales's Corporate Leaders Group (CLG)

👤 Philipp Litz, Project Manager, Agora Energiewende

18:00 **Keynote Closing Remarks**

18:30 👤 João Galamba, Secretary of State of Energy, Government of Portugal



16:00 ● **IETA Council Meeting (CLOSED EVENT)**

19:00 📍 Room Castilho, Lower Level | Organised by the International Emissions Trading Association (IETA)
For IETA Council Members Only

16:30 ● **Advisory Group Meeting - High-Level Commission on Carbon Pricing and Competitiveness (CLOSED EVENT)**

18:30 📍 Room Gil Eanes I+II, Mezzanine Level | Organised by the Carbon Pricing Leadership Coalition (CPLC)

Opening and Introductory Remarks

👤 Angela Naneu Churie Kallhauge, Senior Climate Change Specialist, World Bank

Key Takeaways from ICAPs Work on Metrics to Measure Competitiveness Impacts

👤 William Acworth, Senior Project Manager, International Carbon Action Partnership (ICAP)

Update on First Commissioner's Meeting and Business Regional Roundtable (held earlier that day)

👤 Angela Naneu Churie Kallhauge, Senior Climate Change Specialist, World Bank

👤 Daniel Besley, Senior Climate Change Specialist, World Bank

Moderated Discussion on the Implications for Revising the Report

👤 Janet Peace, Senior Vice President of Policy and Business Strategy, Center for Climate and Energy Solutions (C2ES)

Next Steps

👤 Angela Naneu Churie Kallhauge, Senior Climate Change Specialist, World Bank

👤 Daniel Besley, Senior Climate Change Specialist, World Bank

18:30 ● **European Climate Summit Welcome Cocktail Reception**

20:00 📍 Almada Negreiros Lounge, Main Level | Hosted by IETA
Opened to all ECS Registered Delegates

TUESDAY, 16 APRIL

08:30 ● **European Climate Summit Registration**

18:00 📍 Ballroom Foyer, Upper Level

09:00 ● **European Climate Summit Opening Addresses**

09:15 📍 Ballroom Pedro Leitão, Upper Level

Organiser Address:

👤 Dirk Forrister, President & CEO, International Emissions Trading Association (IETA)

Host Government Address:

👤 Nuno Lacasta, President, Portuguese Environment Agency (APA)

09:15 ● **Keynote Insights on How Europe can Lead the World in the Climate Challenge**

09:45 📍 Ballroom Pedro Leitão, Upper Level

Moderator:

👤 Dirk Forrister, President & CEO, International Emissions Trading Association (IETA)

Keynote Insights:

👤 Christian Baer, Secretary General, Europex - Association of European Energy Exchanges

👤 António Mexia, Chief Executive Officer, Energias de Portugal S.A (EDP)

👤 Jos Delbeke, Senior Adviser, European Political Strategy Centre, European Commission



09:45 ● Industrial Decarbonisation - The Next Challenge
11:00 📍 Ballroom Pedro Leitão, Upper Level

European power sector emissions have decreased for the last six years in a row, whereas the latest data indicates industrial carbon emissions are going in the opposite direction. Decarbonising these sectors, whilst protecting jobs and growing the economy, will be the major climate challenge for Europe over the next decade. This session will look at how the EU ETS can simultaneously drive industrial decarbonisation and finance innovation in new, low carbon technologies.

Moderator:

👤 Pedro Martins Barata, Partner, Get2C & RNC2050 Coordinator

Speakers:

👤 Abyd Karmali, Climate Finance Executiv, BofA Merrill Lynch

👤 Liv Rathe, Director, Climate Office, Norsk Hydro

👤 Philippe Chauveau, Head, Climate Strategy, Solvay

👤 Eve Tamme, Senior Advisor, International Climate Change Policy, Global CCS Institute (GCCSI)

11:00 ● Coffee Time in the Exhibition Lounge
11:30 📍 Ballroom Foyer, Lower Level

11:30 ● Taking Article 6 Over the Finish Line
12:45 📍 Ballroom Pedro Leitão, Upper Level

The adoption of the Paris Rulebook at COP24 in Katowice was a clear milestone for international climate action, but guidance for market cooperation (Article 6) under the Agreement was left out from the Rulebook and is now due for completion by COP25 in Santiago. This plenary will discuss the outcomes of COP24 and focus on what is needed to take Article 6 over the finish line in Santiago, analysing the way forward for markets.

Moderator:

👤 Andrei Marcu, Managing Director, European Roundtable on Climate and Sustainable Transition (ERCST)

Speakers:

👤 David Hone, Chief Climate Change Adviser, Shell International

👤 Emily Murrell, Head of Sustainable Finance and Future Cities Policy, Group Public Affairs, HSBC

👤 Thomas Forth, Senior Advisor, Federal Ministry for the Environment, Nature Conservation, and Nuclear Safety (BMU), Germany

👤 Hugh Salway, Head of Global Carbon Markets, Department for Business, Energy and Industrial Strategy (BEIS), United Kingdom

👤 Enric Arderiu Serra, Global Environmental Originator, BP

12:45 ● Lunch Time on the Terrace
14:00 📍 Fernando Pessoa I, Lower Level

14:00 ● What are the Prospects for Future Links to the EU ETS?
15:15 📍 Ballroom Pedro Leitão, Upper Level

The European carbon market is on track to link to the Swiss ETS in early 2020, which will constitute the first link between the world's largest carbon market and another national cap-and-trade system. Meanwhile, 2018 saw announcements between the EU and California, China and New Zealand on closer carbon market cooperation. This session will explore the possibility for more linkages to the EU ETS in the future, and the benefits this could bring.

Moderator:

👤 Katie Sullivan, Managing Director, International Emissions Trading Association (IETA)

Speakers:

👤 Jos Delbeke, Senior Adviser, European Political Strategy Centre, European Commission

👤 Jeff Lindberg, Manager, Policy and Coordination, Environment and Climate Change Canada

👤 Renato Roldao, Managing Director, China, ICF International

👤 Janet Peace, Senior Vice President, Policy and Business Strategy, Center for Climate and Energy Solutions (C2ES)

👤 William Acworth, Senior Project Manager, International Carbon Action Partnership (ICAP)



15:15 ● **Short Break**

15:30

15:30 ● **Brexit: Boom or Bust?**

16:30 📍 Ballroom Pedro Leitão, Upper Level

Depending on the outcome of Brexit, the UK may leave the EU ETS and implement a carbon tax, or create its own domestic carbon market which could link back to the EU system. Such a development would be unprecedented for the world's largest carbon market, which has only ever seen new countries join. Important questions will need to be addressed such as what impact this would have on UK emissions, could a domestic UK carbon market be established in time and what challenges would need to be addressed to link it to the EU ETS?

Moderator:

👤 Simon Henry Director, Carbon Market Development, International Emissions Trading Association (IETA)

Speakers:

👤 Paul Dawson, Head of Regulatory Affairs, RWE Supply & Trading

👤 Bill Kyte, OBE Honorary President, UK Emissions Trading Group

👤 Mark Duffield, Regional Manager, Interconnectors, National Grid*

👤 Ross McKenzie, Chair EnergyUK's Brexit WG, Head of EU Public Affairs, Drax Group

15:30 ● **Complementary or Overlapping? The Power & Peril of Additional Policies**

16:30 📍 Fernando Pessoa II, Lower Level

Despite the recovery of European carbon prices and the reinvigoration of the market, some Member States are pursuing domestic measures – such as carbon price floors and coal phase-outs – to speed up the rate of decarbonization. These developments, along with higher European renewables and energy efficiency targets agreed in 2018, could destabilize the supply-demand balance in the EU ETS. This session will contrast the approach Europe is taking to address this problem, with the approaches being used in other jurisdictions such as the USA and China.

Moderator:

👤 Daniele Agostini, Head of Energy and Low Carbon Policies, Enel Holding

Speakers:

👤 Pieter Schuurs, President and COO, ICE Endex & Chairman, Europex

👤 Daria Nochevnik, Task Force EU ETS, European Federation of Energy Traders (EFET)

👤 Anne Bolle, Director EU Affair, Statkraft

👤 Aoife O'Leary, Senior Legal Manager, EDF Europe

16:30 ● **Coffee Time in the Exhibition Lounge**

16:45 📍 Ballroom Foyer, Lower Level

16:45 ● **Creating Vibrant Carbon Markets to Scale Voluntary and Compliance Climate Action**

17:45 📍 Ballroom Pedro Leitão, Upper Level

There is great momentum in the private sector to move towards net-zero emissions in support of global climate action. Carbon credits have an important role to play in delivering more ambition. This session will explore ways in which offsetting currently intersects and blends with compliance and voluntary frameworks around the world. From pure voluntary action, through voluntary action combined with compliance, through to full compliance at scale, resilient markets have the power to unlock potential and maximize mitigation.

Moderator:

👤 Jonathan Shopley, Managing Director, Natural Capital Partners

Speakers:

👤 Jos Delbeke, Senior Adviser, European Political Strategy Centre, European Commission

👤 Karl Vella, Manager, Climate Policy, The World Business Council for Sustainable Development (WBCSD)

👤 Emilie Alberola, Head of Climate policy and market mechanisms, EcoAct

👤 Jos Cozijnsen, Carbon Senior Specialist, Climate Neutral Group

👤 Edward Hanrahan, CEO, ClimateCare



16:45 ● Analysts' Review and Price Outlook
17:45 📍 Fernando Pessoa II, Lower Level

After a year in which prices for EU allowances trebled, the EU ETS has seen more stable prices in 2019. Emissions prices around the world are moving in different directions, driven by domestic concerns and policies rather than the global climate outlook. What are the key elements of price formation and discovery in each of the main markets? How are analysts viewing the data on 2018 emissions, and what are the prospects for EUA prices for the rest of 2019 and into the future?

Moderator:

👤 Ben Garside, Director and Co-Founder, Carbon Pulse

Speakers:

👤 Alessandro Vitelli, Communications Officer, International Emissions Trading Association (IETA)

👤 Marcus Ferdinand, Head of EU Power & Carbon Analytics, Independent Chemical Information Service (ICIS)

👤 Jahn Olsen, EMEA Content, BloombergNEF

17:45 ● Short Break
18:00

18:00 ● 20 Years of IETA - Bringing You the World of Carbon Markets
19:30 📍 Ballroom Pedro Leitão, Upper Level

2019 marks the 20th Anniversary of IETA! We'll reflect on our roller coaster adventures in bringing carbon markets to life around the world – our successes, failures and lessons learned. We'll wrap up with a vision of IETA in 20 years' time? Join us for this unique session, with a glass of wine or a beer, complete with games and prizes!

Facilitators:

👤 Dirk Forrister, President & CEO, International Emissions Trading Association (IETA)

👤 Andrei Marcu, Managing Director, European Roundtable on Climate and Sustainable Transition (ERCST)

Speakers:

👤 Paulo Protasio, Chairman, R3ZIS

👤 Jos Delbeke, Senior Adviser, European Political Strategy Centre, European Commission

👤 John Kilani, Director of Sustainable Development, Al-Attiya Foundation

👤 John Scowcroft, Executive Adviser, Europe, GCCSI

👤 Richard Gledhill, Commissioner, Independent Commission for Aid Impact (ICAI) & Board Member, Natural Environment Research Council (NERC)

👤 Bill Kyte, OBE, Honorary President, UK Emissions Trading Group

👤 Seb Walhain, Founder and CEO, SeedWise.Capital

👤 Karen Degouve, Head of Sustainable Business Development, Natixis

👤 Rene Velasquez, Head of Global Carbon, CBL Markets

👤 Robert Dornau, Director, RobecoSAM

👤 Pablo Fernandez, Head of Climate Services, BVRio

👤 Imtiaz Adam, CEO and Founder Deep Learn Strategies & London Business School Sloan Fellow, MSc Computer Science specialised in AI

21:00 ● IETA Nightcap Party
00:00 📍 On Invitation Only



WEDNESDAY, 17 APRIL

08:30 ● **European Climate Summit Registration**

16:00 📍 Ballroom Foyer, Upper Level

10:00 ● **Climate Risk: How can Financial Markets be Aligned with Climate Targets?**

11:00 📍 Ballroom Pedro Leitão, Upper Level

Climate change presents a major risk to all sectors of the economy. A raft of initiatives, such as the TCFD, have been launched to ensure that this growing risk is accurately reflected in financial markets and capital flow. Alongside these initiatives, funds have been set up to use EU ETS revenues to drive low carbon innovation and support modernisation in lower income Member States. This session will look at how climate risk can be measured and how abatement technologies can be funded.

Moderator:

👤 Julia Michalak, Director, EU Policy, International Emissions Trading Association (IETA)

Speakers:

👤 Jan Willem van de Ven, Head of Climate Finance and Carbon Markets, European Bank for Reconstruction and Development (EBRD)

👤 Jon Williams, Partner, Sustainability & Climate Change, PricewaterhouseCoopers (PwC)

10:00 ● **Unlocking Private Sector Investment in Natural Climate Solutions**

11:00 📍 Fernando Pessoa II, Lower Level

This session will discuss what's needed to mobilise and scale private sector investment in Natural Climate Solutions (NCS). It will provide insight into how policies and frameworks can be designed to attract private sector finance, and how they can help to deliver the required return on investment. It will also highlight which policies have been successful in scaling up investment in NCS, and what we can expect to see in the future.

Moderator:

👤 Pablo Fernandez, Head of Climate Services, BVRio

Speakers:

👤 Edit Kiss, Director, Development and Portfolio Management, Mirova Natural Capital

👤 Naomi Swickard, Chief Market Development Officer, Verra

👤 Peter Graham, Managing Director, Climate Advisers

👤 Eron Bloomgarden, Managing Partner, Climate and Forest Capital

11:00 ● **Coffee Time in the Exhibition Lounge**

11:30 📍 Ballroom Foyer, Lower Level

11:30 ● **Managing Carbon Risk in a Volatile Price Environment**

12:30 📍 Ballroom Pedro Leitão, Upper Level

The 200% increase in carbon prices in 2018 took many industrial companies by surprise, and has encouraged many to become more proactive in managing their carbon risk. EUA prices have also become more volatile in recent months. This session will investigate how participants in the market can protect themselves against sharp moves in the cost of carbon.

Moderator:

👤 Louis Redshaw, Managing Director, Redshaw Advisors

Speakers:

👤 Katerina Kolaciova, Senior Sales Manager CEE, Vertis Environmental Finance

👤 Espen Andreassen, Senior Analyst, Wattsight

👤 Nicolette Bartlett, Global Director, Climate Change, CDP



11:30 ● Carbon Pricing on the Rise: The Challenge of Safeguarding Competitiveness
12:30 📍 Fernando Pessoa II, Lower Level

As many regions progress with increasingly ambitious carbon pricing policies, the contrast with those regions that have no or minimal carbon pricing, becomes increasingly stark. This presents a real challenge for policy makers who are trying to maintain a level economic playing field and safeguard competitiveness. This session will explore what tools are currently being used to address this challenge, and what solutions might be implemented in the future as carbon prices continue to rise.

Moderator:

👤 Katie Sullivan, Managing Director, International Emissions Trading Association (IETA)

Speakers:

👤 Stephanie La Hoz Theuer, Senior Project Manager, International Carbon Action Partnership (ICAP)

👤 Angela Churie Kallhauge, Head of the Secretariat, Carbon Pricing Leadership Coalition

👤 Thomas Kansy, Principal, Head US Office, Vivid Economics

👤 John Scowcroft, Executive Adviser, Europe, Global CCS Institute (GCCSI)

12:30 ● Lunch Time on the Terrace
13:45 📍 Fernando Pessoa I, Lower Level

13:45 ● Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA): What Does the Future Look Like for Aviation in Europe and Beyond?
14:45 📍 Ballroom Pedro Leitão, Upper Level

CORSIA aims to achieve ICAO's global aspirational goal of carbon neutral growth in aviation above 2020 levels. Four months after CORSIA has entered into application, where are ICAO, operators and governments with the implementation of the scheme? What challenges remain to be addressed with the MRV and technical rules, the interaction of CORSIA and EU ETS and issues around the double counting. It will also discuss the process foreseen to assess emissions units, and what interdependencies there are with UNFCCC, other market based measures and the broader carbon market.

Moderator:

👤 Edwin Aalders, Senior Principal Scientist, DNV GL

Speakers:

👤 Michel Adam, Senior Manager, Aviation Environment, International Air Transport Association (IATA)

👤 Mary Grady, Deputy Director, American Carbon Registry (ACR)

👤 Thomas Forth, Senior Advisor, Federal Ministry for the Environment, Nature Conservation, and Nuclear Safety (BMU), Germany

👤 Rene Velasquez, Head of Global Carbon, CBL Markets

13:45 ● Modelling the Economic Value of Article 6
14:45 📍 Fernando Pessoa II, Lower Level

This workshop will present and discuss new research on how carbon market cooperation can help countries achieve the mitigation and finance goals of the Paris Agreement. Experts will look at how to maximize the economic value of Article 6 and the rules needed to harness the power of markets to increase mitigation and economic benefits.

Moderator:

👤 Stefano De Clara, Director, International Policy, International Emissions Trading Association (IETA)

Speakers:

👤 James Edmonds, Chief Scientist, Pacific Northwest National Laboratory's (PNNL) & Adjunct Professor of Public Policy, University of Maryland

👤 Pedro Piris Cabezas, Senior Economist - Global Climate, Environmental Defense Fund (EDF)

👤 Jonathan Grant, Director, PwC

👤 Daniel Besley, Senior Climate Change Specialist, World Bank



14:45 ● **Coffee Time in the Exhibition Lounge**

15:00 📍 Ballroom Foyer, Lower Level

15:00 ● **How can the EU ETS Support Higher Ambition by 2050?**

16:15 📍 Ballroom Pedro Leitão, Upper Level

In 2018 the EU published its long term GHG reduction strategy, which sets out pathways to achieving carbon neutrality by 2050 with negative emissions thereafter, and limiting warming to 1.5°C. Under the Paris Agreement, the EU will also need to communicate or update its NDC by early 2020. This session will discuss whether the EU's 2030 targets might be tightened, what this could mean for the EU ETS, and how the carbon market can help deliver a carbon neutral continent by 2050.

Moderator:

👤 Ewa Krukowska, EU Reporter, Bloomberg News

Key Address:

👤 João Galamba, Secretary of State of Energy, XXI Government - Portuguese Republic

Speakers:

👤 Jean-Yves Caneill, Former Head of Climate Policy, EDF

👤 Tba, Board Member, Business Council For Sustainable Development (BCSD) Portugal

👤 Kari Kankaanpää, Senior Manager of Climate Affairs, Fortum

👤 Pedro Martins Barata, Partner, Get2C & RNC2050 Coordinator

👤 Sam Van den Plas, Policy Director, Carbon Market Watch

16:15 ● **European Climate Summit Closing Addresses**

16:30 📍 Ballroom Pedro Leitão, Upper Level

Facilitator:

👤 Pedro Martins Barata, Partner, Get2C & RNC2050 Coordinator

Organiser Address:

👤 Dirk Forrister, President & CEO, International Emissions Trading Association (IETA)

Host Government Keynote Address:

👤 João Pedro Matos Fernandes, Minister of Environment and Energy Transition, XXI Government - Portuguese Republic

WE WOULD LIKE TO THANK THE ECS 2019 CARBON OFFSETTING SPONSOR



EcoAct is an international consultancy and project developer, dedicated to helping businesses and organisations succeed in their climate ambitions. We simplify the challenges associated with environmental sustainability, remove complexity and empower individuals and teams to deliver bespoke solutions for a low carbon world. Our mission is to lead the way in delivering sustainable business solutions that deliver true value for both climate and client. Our approach applies across our range of services setting the bar for the standard of our work but also defining how we support our clients on their journey, helping them to realise their ambitions, analyse their businesses, and take effective action.

Each and every EcoActor is driven by a shared purpose: to support organisations to implement positive change for both the planet and for business. We also live our values through our dedicated internal CSR approach.

👤 Contact: Jérôme Beilin, Business Development Director
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MAIN PARTNER SPONSOR




Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

Federal Ministry for the Environment, Nature Conservation, and Nuclear Safety (BMU) - Germany

The Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU) is responsible for a range of government policies that are reflected in the name of the ministry itself. The ministry has been working over 30 years now to protect the public from environmental toxins and radiation and to establish an intelligent and efficient use of raw materials, to advance climate action and to promote a use of natural resources that conserves biodiversity and secures habitats.

The BMU uses a variety of instruments to fulfil its responsibilities:

1. A key responsibility is to prepare legislation in order to shape the legal framework in the policy areas referred to above. This includes preparing regulatory legislation and transposing EU directives into national law
2. Funding research and development, supporting the market launch of innovative technologies
3. Close cooperation at national and international level
4. Communication for broad public participation and acceptance

 **Contact:** Thomas Forth, Senior Advisor, European and International Climate Policy,
New Market Mechanisms
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GOLD PARTNER SPONSORS

ACT Financial Solutions



ACT Commodities is the global leader in trading energy commodities. We deal with buyers and sellers of certificates and physical products all over the world, these include energy efficiency certification, renewable energy certificates and carbon emission allowances. Our goal is to bring our customers the right products for their needs, at the right time. Because our energy commodities trading network is more expansive than any other trading company in this market, we are able to offer unrivaled choice, service and reliability.

Since 2009, ACT Commodities has been helping businesses around the world buy and sell environmental commodities for compliance and voluntary purposes. We lead the way by trading a uniquely comprehensive product choice, supported with outstanding customer service. Our broad scope in certificates is complemented with a wide range of physical (bio)fuels and feedstocks.

 **Contact:** Federico Di Credico, Managing Director
FDicredico@ActCommodities.com | www.actcommodities.com



ALLCOT Group

Established in 2009, ALLCOT is a leader in greenhouse gas (GHG) emissions management tools and strategies for businesses of all sizes. Our services include the development of GHG emissions offsetting, measurement and the development of emissions reduction strategies. Using our innovative approach, we build creative, long-term sustainability partnerships with clients from a variety of commercial sectors, such as hospitality, sports and fashion. By neutralizing their GHG emissions, these companies are not only able to protect the environment, but also provide community benefits that enhance profitability and brand value, increase employee satisfaction, and promote the United Nations Sustainable Development Goals.

ALLCOT has implemented a quality management system that exists as part of a larger, overall management system. The QMS has been established for providing products and services which meet or exceed customer requirements, whilst satisfying the requirements of ISO 9001:2015.

👤 Contact: Alexis Leroy, CEO
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ICF International

ICF is a global consulting services company with more than 5,500 specialized experts, who are not your typical consultants. We combine unmatched expertise with cutting-edge engagement capabilities to help clients solve their most complex challenges, navigate change and shape the future. We partner with clients to overcome their biggest challenges. We work hard to help them achieve success—earlier than expected. But what we're proud of most is our commitment to building lasting relationships that continuously evolve for greatest change.

This year marks our 50th anniversary, and we couldn't be more excited to celebrate all that ICF has accomplished in partnership with employees, clients, partners, and friends. ICF started as the Inner City Fund, a small venture capital firm, with about a dozen employees in Washington, D.C. in 1969. Today, we're more than 5,500 strong with employees and offices across the globe.

👤 Contact: Renato Roldao, Managing Director, China
Renato.Roldao@icf.com | www.icf.com

Mootral



MOOTRAL, a Swiss company, develops innovative solutions for companies and governments to reduce greenhouse gas (GHG) emissions from the agricultural sector. It is developing a unique carbon credit program (CowCredits) to catalyse carbon reductions in the dairy, and meat industries.

The Mootral business model sets out to prove “there is good business in the business of doing good”. Mootral unlocks new, innovative and profitable approaches to reducing GHG emissions, including the creation of a new climate-friendly food standard for beef and dairy products and a “cow credit” currency. Mootral is a “win-win” for all, but especially for farmers.

👤 Contact: Michael Mathres, Director, Strategic Projects
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SILVER PARTNER SPONSORS



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.

👤 Contact: Mary Grady, Deputy Director
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DNV GL

We are the leading provider of risk management and quality assurance services to the maritime, oil and gas, and power and renewables industries. We are also global leaders in certifying management systems of companies across all types of industries, including healthcare, food and beverage, automotive and aerospace. Since 1864, our purpose has been to safeguard life, property and the environment.

👤 Contact: Edwin Aalders, Senior Principal Scientist
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Global CCS Institute (GCCSI)

GCCSI is the world's leading authority on carbon capture and storage (CCS) – an international climate change organisation whose mission is to accelerate the deployment of CCS as an imperative technology in tackling climate change and providing energy security. We drive the adoption of CCS as quickly and cost effectively as possible by sharing expertise, building capacity and providing information, advocacy and advice to ensure this clean technology can play its vital role in reducing greenhouse gas emissions.

👤 Contact: John Scowcroft, Executive Adviser, Europe
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Natural Capital Partners

With 20 years' experience and a global network of project partners, we work with our clients to deliver high quality solutions that ensure immediate, positive impact on the world's natural capital. Quality assurance is at the heart of what we do, ensuring we deliver solutions that will protect, and enhance, our clients' reputations. We have developed a leading-edge quality assurance programme that goes beyond industry requirements and continually evolves to set best practice.

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Vertis Environmental Finance

Our mission is to inspire and empower businesses to make the transition to a low carbon economy. We set up Vertis in 1998 to help companies finance investment in reducing emissions. We work with over 800 industrial clients and over 300 aircraft operators with installations across the EU in power generation and different industrial sectors, all operating in the EU Emissions Trading System. Much of our work is to do with helping clients solve problems. Clients might need to raise financing, to understand and reduce risks their business is exposed to, or understand the carbon impact of investment opportunities. We design trades and structured transactions to address such problems.

👤 Contact: Leila Ayman, Marketing Manager
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WE WOULD LIKE TO THANK THE ECS 2019 COLLABORATING ORGANISATIONS

Business Council for Sustainable Development (BCSD) Portugal



BCSD Portugal is a non-profit association that aggregates and represents more than 90 leading companies in Portugal, which are actively committed to the transition to sustainability. We help the associated companies in the journey towards sustainability, promoting positive impact for stakeholders, society and the environment.

We have a wide representation of the sector and companies of different sizes, from the PSI20 to the smaller ones. The sales volume of the members represents 38% of the national GDP, 65 million euros in turnover and this group of companies employs more than 270 thousand employees. BCSD Portugal is part of the WBCSD network, the largest international organization working in the area of sustainable development.

 Contact: Mafalda Evangelista, Head of Sustainability Knowledge
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European Federation of Energy Traders (EFET)




EFET Mission Statement:

We promote competition, transparency and open access in the European energy sector.

We build trust in power and gas markets across Europe, so that they may underpin a sustainable and secure energy supply and a competitive economy.

We do this by:

- Working to improve the functionality and design of European gas, electricity and associated markets for the benefit of the overall economy, society and especially end consumers.
- Developing and maintaining standard wholesale supply contracts and standardising related transaction and business processes.
- Facilitating debate amongst TSOs, regulators, policy makers, traders and others in the value chain about the future of the European energy market.

 Contact: Jan van Aken, Secretary General
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Europex



Europex is a not-for-profit association of European energy exchanges with currently 26 members. It represents the interests of exchange-based wholesale electricity, gas and environmental markets, focuses on developments of the European regulatory framework for wholesale energy trading and provides a discussion platform at European level.

The activities of the association include:

- Promoting the role of energy exchanges as a way of increasing competition by creating price transparency and implementing the European single electricity and gas market
- Supporting the liberalisation of the different European electricity and gas systems
- Dealing with the issue of international trading, with special emphasis on providing a market solution to the congestion problems
- Maintaining dialogue and increasing co-operation
- Collecting information, preparing reports and providing advice
- Assessing the need for recommendations regarding market information

 Contact: Christian Baer, Secretary General
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International Air Transport Association (IATA)



IATA is the trade association for the world's airlines, representing some 290 airlines or 82% of total air traffic. We support many areas of aviation activity and help formulate industry policy on critical aviation issues. IATA was founded in Havana, Cuba, on 19 April 1945. It is the prime vehicle for inter-airline cooperation in promoting safe, reliable, secure and economical air services - for the benefit of the world's consumers. We support many areas of aviation activity and help formulate industry policy on critical aviation issues. Our vision is working together to shape the future growth of a safe, secure and sustainable air transport industry that connects and enriches our world. IATA's mission is to represent, lead, and serve the airline industry.

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International Chamber of Commerce (ICC)



ICC is the world business organization, enabling business to secure peace, prosperity and opportunity for all. Through a unique mix of advocacy, solutions and standard setting, we promote international trade, responsible business conduct and a global approach to regulation, in addition to providing market-leading dispute resolution services. Our members include many of the world's leading companies, SMEs, business associations and local chambers of commerce.

We represent business interests at the highest levels of intergovernmental decision-making, whether at the World Trade Organization, the United Nations or the G20 ensuring the voice of business is heard. It is this capacity to bridge the public and private sectors that sets us apart as a unique organization, responding to the needs of any player involved in international commerce.

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WE WOULD LIKE TO THANK THE ECS 2019 MEDIA PARTNERS



Argus Media

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Carbon Pulse

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DELIVERING CLIMATE AMBITION

IETA

OUR WORK

MEMBER ORGANISATION

IETA's broad representation ensures that sectoral and regional points of view are shared and taken into account.

IETA members come from all corners of the world, representing every existing carbon market as well as those under development. They include industrial operators, verification bodies, project developers, investors, carbon standards, retailers/brokers and sustainability and climate change consultants. Our work is undertaken through a framework of permanent and ad hoc Working Groups.

STRATEGIC INITIATIVES

IETA is a recognised observer under the **UNFCCC** and provides accreditation services for its members at all negotiating sessions and technical meetings. We maintain strong partnerships with World Bank, OECD-IEA, IATA & other multilateral organisations.

Our affiliate, the International Carbon Reduction and Offset Alliance (**ICROA**), promotes a code of best practice for voluntary offset providers to assure quality service in carbon management and offsetting.

The Business Partnership for Market Readiness (**B-PMR**) holds business-to-business dialogues in new carbon markets to share best practices. The B-PMR aims to turn policy vision into corporate action and commercial success.

INSIGHTS & INFORMATION

We closely monitor market developments. We share key analysis, policy and market design information with our members as it happens. IETA members learn about new opportunities, and understand the impact on their business.

REPUTATION AND ACCESS

IETA is respected as a credible, constructive and knowledgeable advocate. We participate in dialogues, hearings and stakeholder consultations where our input is valued.

NETWORKING

IETA connects our members to key decision-makers in government and international organisations. They benefit from direct engagement with the policy makers who drive carbon markets worldwide.

SHAPING POLICY

IETA's Working Groups tackle issues as they arise, producing position papers that reflect our members' collective views. The result is powerful and persuasive recommendations that are respected and listened to.

GLOBAL REACH

Each year we offer a wide range of global events, regional carbon forums in Asia, Africa, Europe, Latin America and North America plus a series of expert roundtable discussions. You can use these to gain insights, show leadership and meet business partners. Members enjoy preferential rates!



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CONTACT

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