

21st Annual IEA-IETA-EPRI Workshop on Greenhouse Gas Emission Trading October 12-14, 2021

Virtual invitation-only workshop

Session 1: Tuesday, 12 October 2021 (15:00-18:45 CEST)

[Registration link to Session 1](#)

Welcoming remarks and introduction (15:00-15:05 CEST)

Keynote Speech (15:05-15:15 CEST)

Scene-setting presentation: Wendy Hughes, Practice Manager for the World Bank's Carbon Markets and Innovation unit (15:15-15:30 CEST)

Panel 1: National carbon pricing and net-zero strategies (15:30-17:00 CEST)

An increasing number of countries are setting net-zero targets. The approaches they have taken on the use of domestic carbon pricing instruments (ETS, carbon taxes and hybrids) and international carbon markets vary widely. This session will discuss what role different carbon pricing instruments can play in the net-zero strategies put forward by countries so far.

Facilitator: Luca Lo Re, International Climate Policy Analyst, Environment and Climate Change Unit, IEA

Speakers:

- **David Joffe** - Head of Carbon Budgets, UK Climate Change Committee
- **Caroline Lee** - Senior Research Associate, Canadian Institute for Climate Choices
- **Daniel Engstrom Stenson** - Senior Policy Advisor, Climate Policy Unit, Swedish Environmental Protection Agency
- **Roger Ramer** - Senior Policy Advisor, Climate Division, Swiss Federal Office for the Environment (FOEN)

Coffee Break (17:00-17:10 CEST)

Panel 2: Corporate carbon pricing and net-zero strategies (17:10-18:40)

As more companies around the world commit to net-zero, the business community is increasingly advocating for robust and transparent decarbonisation trajectories. This session will ask how important carbon pricing is to major companies seeking clarity and long-term visibility around climate policy. Leading representatives of the business community will discuss the relationship between carbon pricing and their own net-zero strategies, and the way in which this affects their positioning around effective carbon pricing policies.

Facilitator: Adam Berman, Director, European Policy, IETA

Speakers:

- **Cedric de Meeus** - Vice-President, Group Public Affairs & Government Relations, LafargeHolcim
- **Martin Prokosch** - Vice President, Head of ZeroLab, Torvald Klaveness Group
- Other speakers tbc

Wrap up (18:40-18:45)

Session 2: Wednesday, 13 October 2021 (09:00-12:30 CEST)

[Registration link to Session 2](#)

Welcoming remarks (09:00-09:05 CEST)

“Meet and greet” Breakout groups (09:05-09:10 CEST)

Panel 3: Sectoral expansion in emission trading systems (ETS) (09:10-10:40 CEST)

As countries implement policies to deliver net-zero emissions economy wide, several markets are expanding sectoral coverage to bring more emissions under their cap. This includes the EU’s plans to bring the maritime sector into their ETS, China’s efforts to expand their new carbon market beyond the power sector and New Zealand’s work to extend carbon pricing to agriculture. This session will hear from market experts where sector expansion is underway or is in development.

Facilitator: Simon Henry, Director, Carbon Market Development, IETA

Speakers:

- **Hans Bergman** - Head of Unit ETS Policy Development and Auctioning, Directorate General for Climate Action, European Commission
 - **Christina Hood** - Principal Consultant, Compass Climate
 - **Yan Qin** - Lead analyst, Refinitiv
 - Other speakers tbc
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Coffee break (10:40-10:50 CEST)

Panel 4: Leveraging carbon pricing in emerging economies’ power sectors (10:50-12:20 CEST)

Power generation is often one of the most carbon-intensive sectors and has the highest potential for low-cost decarbonisation. Included in most carbon pricing initiatives, the power sector is also often heavily regulated, potentially weakening the carbon price signal. This panel will discuss opportunities and challenges of implementing carbon pricing instruments in the power sector for emerging economies, examining different national circumstances and sharing country experiences.

Facilitator: **Tom Howes**, Head of Energy and Environment Division, IEA

Speakers:

- **Yu Shengmin** - Associate Research Fellow, National Centre for Climate Change Strategy and International Cooperation (NCSC), China
- **Seung Jick Yoo** - Professor, Sookmyung Women's University, Korea
- **Memory Machingambi** - Senior Economist, National Treasury of South Africa
- **Ir Wanhar** - Director of Electricity Engineering and Environment, Ministry of Energy and Mineral Resources, Republic of Indonesia

Wrap up (12:25-12:30 CEST)

Session 3: Wednesday, 13 October 2021 (15:00-18:30 CEST)

[Registration link to Session 3](#)

Welcoming remarks (15:00-15:05 CEST)

“Meet and greet” Breakout groups (15:05-15:10 CEST)

Panel 5: Modelling the benefits of international carbon markets in net-zero strategies (15:10-16:40 CEST)

In recent years, analyses of the implications of global trade have shifted from analysing the benefits of all-inclusive, global trading schemes to the assessment of more constrained trading systems - limited participants, delayed entry, what is traded, mechanisms for trade, and implications of differences in national schemes. Additionally, the level of ambition has increased with many analyses exploring paths to net-zero emissions. This session will explore current analyses and facilitate a discussion of analysis needs.

Facilitator: Tom Wilson, Principal Technical Executive, Energy Systems and Climate Analysis Group, EPRI

Speakers:

- **Jae Edmonds and Sha Yu** - Chief Scientist and Battelle Fellow, and Scientist, Pacific Northwest National Laboratory's (PNNL)
- **Steven Rose** - Senior Research Economist and Technical Executive, Energy Systems and Climate Analysis Group, EPRI

Commenters:

- **Kelley Kizzier** - Vice President for Global Climate, EDF
 - **David Hone** - Chief Climate Change Adviser, Shell
 - **Thomas Kansy** - Director, Vivid Economics
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Coffee break (16:40-16:50 CEST)

Panel 6: Carbon pricing and Carbon Dioxide Removals (16:50-18:20 CEST)

This session will discuss the roles that carbon markets can play in incentivizing deployment of carbon dioxide removal technologies. We will hear about the current status of these technologies, their carbon market implications and information needs from both research and corporate perspectives.

Facilitator: Tom Wilson, Principal Technical Executive, Energy Systems and Climate Analysis Group, EPRI

Speakers:

- **Abhoyjit Bhowan** - Program Manager for Advanced Generation and Carbon Capture, EPRI
- **Baran Doda** - Head of Programme Carbon Markets and Pricing, adelphi and ICAP
- **Karl Smyth** - Head of BECCS Strategy & Engagement, Drax Group
- **Lori Guetre** - VP and Head of Business Development, Carbon Engineering

Wrap up (18:20-18:30 CEST)

Session 4: Thursday, 14 October 2021 (15:00-18:30 CEST)

[Registration link to Session 4](#)

Welcoming remarks (15:00-15:05 CEST)

“Meet and greet” Breakout groups (15:05-15:10 CEST)

Panel 7: International competitiveness in a decarbonising world
(15:10-16:40 CEST)

As net-zero climate targets proliferate, the challenge of balancing decarbonisation and industrial competitiveness is being felt around the world. The EU’s recent proposal for increased 2030 climate ambition was accompanied by a plan to introduce a Carbon Border Adjustment Mechanism, leading EU trading partners to consider similar policies. This session will consider the different policy options for addressing competitiveness concerns, and the role that border carbon adjustments can play in ensuring a level playing field between different jurisdictions transitioning to low-carbon economies.

Facilitator: Julia Michalak, Senior Advisor, EU Policy, IETA

Speakers:

- Representative of the European Commission
- **Igor Bashmakov**, Executive Director, Center for Energy Efficiency (CENEf-XXI), Russia
- **Liv Rathe**, Director, Norsk Hydro
- **Aaron Cosbey**, Environmental Economist, International Institute for Sustainable Development (IISD), Canada

Coffee break (16:40-16:50 CEST)

Panel 8: Can the use of carbon pricing revenues support a green recovery? (16:50-18:20 CEST)

The emergence and rapid spread of COVID-19 has dramatically impacted lives, societies and economies across the world. A growing number of governments are responding to the crisis by developing an array of policies and recovery measures, covering several sectors and policy types. Some countries use carbon pricing - implicitly or explicitly - as an important element of their recovery plans, to guide consumption and investment decisions towards low-carbon alternatives, and as means to generate revenues. This session will discuss if and how carbon pricing revenues can be used to support a green recovery.

Facilitator: Sara Moarif, Head of the Environment and Climate Change Unit, IEA

Speakers:

- **Daniel Wetzel** - Head of Tracking Sustainable Transitions Unit, IEA
- **Polona Gregorin** - Deputy Head of Unit for ETS Policy Development and Auctioning, Directorate General for Climate Action, European Commission
- **Daniel Nachtigall** - Economist, Environment Directorate, OECD
- **Ian Parry** - Principal Environmental Fiscal Policy Expert, IMF

Wrap up (18:20-18:30 CEST)
