



# 22<sup>nd</sup> Annual IEA-IETA-EPRI Workshop on Greenhouse Gas Emissions Trading

**October 4-6, 2022**

IEA, 9 rue de la Fédération, Paris

**- By invitation only -**

## **Session 1: Tuesday 4 October from 3:00pm to 7:00pm CEST**

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### **Welcoming remarks and introduction** 3:00pm

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

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### **Keynote Speech** 3:05-3:15pm

Tim Gould, Chief Economist, IEA

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### **Scene-setting presentation** 3:15-3:30pm

Stefano de Clara, Head of Secretariat, International Carbon Action Partnership

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### **Panel 1: Carbon pricing in the context of the energy crisis** 3:30-5pm

This panel aims to discuss current high energy prices, their impact on climate policy ambition and drivers of carbon pricing. The panel will also be invited to discuss options to manage impacts on consumers and covered sectors.

**Facilitator:** Jos Delbeke, EIB Climate Chair at European University Institute

#### **Speakers:**

- European Commission (invited)
  - Prof. Xiliang ZHANG, Director 3E Institute, Tsinghua University
  - Refinitiv (invited)
  - Laszlo VARRO, VP Global Business Environment, Shell
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### **Coffee Break** 5:00-5:15pm



**Panel 2: International competitiveness and Carbon Border Adjustment Mechanism (CBAM) 5:15-6:45pm**

This panel will discuss what impacts the multispeed nature of today's energy transitions can have on international competitiveness, including how to avoid the creation of new dividing lines on energy and climate. The panel will be also invited to discuss options to make the EU's CBAM proposal a success, both at the EU and at the international level.

**Facilitator:** Julia Michalak, IETA

**Speakers:**

- US Government (invited)
- Member of the European Parliament (invited)
- Indian Statistical Institute (invited)
- Liv Rathe, Director, Norsk Hydro
- David Sawyer, Canadian Climate Institute

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**Wrap up 6:45-6:50pm**

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**Reception - tbc (7:00-8:30pm)**

## **Session 2: Wednesday 5 October from 9:00am to 12:30pm CEST**

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### **Welcoming remarks** 9:00am

Dirk Forrister, IETA President and CEO

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### **Panel 3: ETS extension to other sectors** 09:05-10:35am

This panel will discuss views on whether carbon pricing is the appropriate climate policy tool in every sector to achieve decarbonisation at scale and speed. The panel will be invited to discuss opportunities and challenges related to the extension of carbon pricing to different sectors. Panelists will also discuss the question of how social and competitiveness impacts can be avoided or mitigated while increasing political acceptability for sectoral extension.

**Facilitator:** David Fischer, Project Coordinator and Climate Policy Analyst, IEA

#### **Speakers:**

- Beatriz YORDI, Director Carbon Markets and Clean Mobility, DG Clima, European Commission
- Prof. Xiliang ZHANG, Director 3E Institute, Tsinghua University
- Qinglin MENG, Chairman and CEO, Sinoma Energy Conservation Ltd.
- Thomas FABIAN, Director Commercial Vehicles, European Automobile Manufacturers' Association

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### **Coffee break** 10:35-10:50am

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**Panel 4: What role could international carbon markets play to accelerate Direct Air Capture and Storage (DACs) deployment?** 10:50am-12:20pm

This panel will discuss the current challenges and opportunities that governments, private companies and developers face in scaling up DACS. It will explore how these stakeholders can best engage in voluntary cooperation through Article 6 of the Paris Agreement and the voluntary carbon markets to accelerate DACS deployment, compared to what was achieved to date.

**Facilitator:**

- Luca Lo Re, International Climate Policy Analyst, IEA

**Speakers:**

- Noah Deich, Deputy Assistant Secretary for the Office of Carbon Management, US DOE
- Axel Michaelowa, Senior Founding Partner, Perspectives Climate Change
- Helen Bray, European Policy Director, Carbon Engineering
- Eve Tamme, Founder and Managing Director, Climate Principles and Member of the Board of Directors of Puro.earth

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**Wrap up** 12:20-12:30pm

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**Lunch** 12:30-2:00pm

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## **Session 3: Wednesday 5 October between 2:00 and 5:30pm CEST**

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### **Welcoming remarks** 2:00-2:05pm

Chris Roney, Energy and Climate Researcher and Policy Analyst, EPRI

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### **Panel 5: Digital technologies and carbon markets** 2:05-3:35pm

Digital innovations can improve the performance of carbon markets, but some of their applications have raised concerns about environmental integrity. This panel will discuss how digital technologies can improve carbon markets, including exploring the latest developments of new approaches to monitoring, reporting and verification (MRV) systems, smart contracts, data repositories and meta-registries, distributed ledger technologies for registries, and carbon tokens.

**Facilitator:** Lisa DeMarco, Senior Partner and CEO of Resilient LLP

#### **Speakers:**

- Chandra Shekhar Sinha, Advisor, Climate Change Group, World Bank
  - Samuel Gill, Co-founder and Chief Operating Officer, Sylvera
  - Jessica Bede, Director of Registry Operations, American Carbon Registry
  - Gold Standard (tbc)
  - Jacopo Visetti, Co-founder, Aither
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### **Coffee break** 3:35-3:50pm

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## **Panel 6: Near-zero technologies and certification** 3:50-5:20pm

This panel will discuss what emerging technology markets would need to be supported as part of near or net zero transitions. Panelists will explore what barriers and opportunities in regulatory frameworks are there for emerging technologies, such as bioenergy or hydrogen, and what uncertainties remain about the role of these technologies and how this affects near-term investment.

**Facilitator:** Chris Roney, Energy and Climate Researcher and Policy Analyst, EPRI

### **Speakers:**

- Drax (invited)
- California Air Resources Board (invited)
- Verra (invited)

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**Wrap up** 5:20-5:30pm

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## **Thursday 6 October between 9:00am and 12:30pm CEST**

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### **Welcoming remarks** 9:00-9:05am

Luca Lo Re, International Climate Policy Analyst, IEA

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### **Panel 7: Experience with and opportunities for carbon markets in Africa**

9:05-10:35am

This panel will provide an overview of the current status of international carbon markets in African countries, and discuss opportunities to engage through Article 6 voluntary cooperation. As analysed in IEA's Africa Energy Outlook 2022, the implementation of Article 6 could deliver financial flows that exceed 20% of the investment needed in clean energy in Africa by 2030, while mitigating 22-24% of Africa's total energy-related CO<sub>2</sub> emissions over the period. Panelists will be invited to discuss common challenges and opportunities for Article 6 participation for African countries.

**Facilitator:** Massamba Thioye, Project Executive UNFCCC Global Innovation Hub, UNFCCC Secretariat

#### **Speakers:**

- Ousmane Sarr, Coordinator of the West Africa Alliance on Carbon Markets and Climate Finance
- Bianca Gichangi, Coordinator of the Eastern Africa Alliance on Carbon Markets and Climate Finance
- Mandy Rambharos, General Manager for Just Energy Transition, Eskom Holdings and Commissioner of Presidential Climate Commission of South Africa
- Abdelrhani Boucham, Head of Department and Administrator of Climate Change in the Ministry of Energy Transition and Sustainable Development of Morocco
- Reham Rizk, Head of Social Planning and Development Unit, Ministry of Economic Development and Planning of Egypt

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**Coffee break** (10:35-10:50 CEST)

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**Panel 8: The evolution of Voluntary Carbon Markets in the wake of the Article 6 rulebook** 10:50am-12:20pm

This session will discuss how the voluntary carbon markets and Article 6 of the Paris Agreement will interplay after the agreement on the Article 6 rulebook at COP26. Panelists will be invited to discuss early examples of this interplay and to highlight the challenges and opportunities associated with it.

**Facilitator:** Andrea Bonzanni, International Policy Director, IETA

**Speakers:**

- Jeffrey Delmon, Senior Infrastructure Finance Specialist, World Bank (tbc)
- Seoyoung Lim, Deputy General Manager and Advisor to UNFCCC Negotiations, Climate Change Policy Support Team, Korea Environment Corporation
- Pedro Martins Barata, Acting Senior Director, EU Climate, Environmental Defense Fund
- Cyril Cassisa, Principal Carbon Analyst, BHP
- Alexia Kelly, Director of Net Zero+Nature, Netflix

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**Wrap up** 12:20-12:30pm

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