

## Side event COP 26 C2G and CO<sub>2</sub>GeoNet

**Date:** Saturday November 6<sup>th</sup>, 2021

**Time:** 11:30– 12:45 GMT

**Location:** Multimedia Studio 2

**Modality:** Virtual

### Title

Accelerating along the transformative pathway to net zero with large-scale carbon dioxide removal and storage

### Theme

Rapid and transformative action is needed to reduce emissions and tackle climate change. Large-scale carbon dioxide removal (CDR) has a key role to play in achieving net zero and net negative emissions. Effective governance is needed to achieve the Paris temperatures goals and deliver the Sustainable Development Goals (SDGs) to minimise climate risks and ensure a sustainable future.

While awareness of the global climate emergency is growing, a persistent gap remains between international commitments and pathways to the 1.5-2°C goal of the Paris Agreement. According to the Intergovernmental Panel on Climate Change (IPCC), significantly greater emissions reduction ambition is needed, and very soon, if we are to avoid exceeding the 1.5°C threshold.

In addition to a primary focus on emissions reductions and adaptation, carbon dioxide removal and storage will likely play a pivotal role in delivering the Paris Agreement goals. Based on the science assessed by the IPCC in its Special Report on Global Warming of 1.5°C and the recently released Working Group 1 report of its 6<sup>th</sup> Assessment, this event will explore some of the challenges around scaling-up carbon dioxide removal as part of the transformative action needed to deliver net zero and subsequently net negative CO<sub>2</sub>.

Drawing on lessons from developing CO<sub>2</sub> capture and geological storage and approaches to governing greenhouse gas removals in the UK, Norway and elsewhere, we will look at the role of governance to address important issues such as risk management, permanence, accounting, and financing. The event will also explore possible incentives that could help create opportunities to align CDR development and governance with delivery of the SDGs, drawing on examples from the Global South.

**Duration:** 75min

Speaker presentations: 40min

Q&A: 35min

**Draft agenda:**

1. Opening remarks  
**Speaker:** Ceri Vincent, CO2GeoNet
2. What science tells us about the role of CDR in getting to net zero and beyond  
**Speaker:** Thelma Krug, IPCC
3. CO<sub>2</sub> capture and storage - success stories and challenges for upscaling deployment  
**Speaker:** Eva Halland, Norwegian Petroleum Directorate
4. The role of governance to ensure sustainability  
**Speaker:** Claire Fyson, Climate Analytics
5. Incentives: are there opportunities in Africa for rapid scale-up of CDR in alignment with the SDGs?  
**Speaker:** James Mwangi, Dalberg Group
6. Governance of CCUS and CDR: insights from the UK government  
**Speaker:** Alex Milward, Department for Business, Energy & Industrial Strategy
7. Q&A (35min)  
**Facilitated** by Janos Pasztor, C2G
8. Closing remarks  
**Speaker:** Janos Pasztor, C2G