

UNFCCC Side Event COP28

## Can Carbon Capture and Storage Decarbonise the Cement Sector in Developed and Emerging Economies?

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**Date and time:** 3 December, 11:30-13:00

**Room:** COP28 Blue Zone SE room 1

**Organisers:** University of Texas, IEAGHG, Bellona, CCSA, International CCS Knowledge Centre

**Theme:** CO<sub>2</sub> creation is unavoidable in the cement production process. However, “CCS is less mature in cement production, where it is a critical mitigation option” (IPCC SYR 2023). Can the CCS developments in developed economies mature the technology to help the cement sector in developing economies?

### Speakers:

- Tim Dixon, **IEAGHG** – Moderator and scene-setting
- Brad Crabtree, Assistant Secretary at the **US Department of Energy** - Welcome
- Dr Katherine Romanak, **University of Texas** – Experience in storage for CO<sub>2</sub> from cement
- Ruth Herbert, **CCSA** – Decarbonising cement projects in UK CCS clusters
- Beth Hardy-Valiaho, **International CCS Knowledge Centre** – Decarbonising cement projects in Canada and a new industry handbook
- Jonas Helseth, Bellona – Decarbonising cement projects in Central and Eastern Europe, the CCS4CEE project.
- Claude Lorea, **Global Cement and Concrete Association** – Global roadmap for net zero cement
- Questions from audience

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