

Session Title:

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Abstract title: U.S. DOE Best Practices for LCA of Direct Air Capture

Abstract text (within 100 words):

Robust life cycle GHG accounting is a critical element for evaluating and quantifying permanent removal for CDR. Not only can accounting help with the evaluation of different approaches and measurement of progress and potential for climate benefit, but it also serves as the foundation for quantifying and establishing equivalency for comparison across approaches for CDR that facilitate CDR's uptake in regulatory, market, and other settings. Even though LCA approaches for are codified in the ISO 14040/14044 standards, we recognize the need to establish best practices for the subjective elements to allow for consistent assessments of DAC and other CDR approaches.