

Policy support for CO₂ capture and conversion in the USA

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Supporting policies will be critical for successful development and deployment of CO₂ conversion technologies to ensure continued access to important carbon-based products and to contribute to carbon dioxide reduction in the environment. This presentation illustrates key US federal and state-level policies that support research, development, and deployment of carbon capture and conversion (CCC) technologies. It also addresses support for what is more broadly called carbon capture and utilization (CCU), e.g. including the use of CO₂ without chemical conversion for example as a solvent in enhanced oil recovery, as well as carbon capture and storage (CCS), e.g. underground long-term sequestration technologies.