FIVE THINGS THE NEW CONGRESS SHOULD KNOW ABOUT CCUS



CCUS IS CRITICAL TO GLOBAL COMMITMENTS FOR GHG REDUCTIONS

Carbon capture utilization and sequestration (CCUS) is one of the few solutions available today that **can tackle emissions from our most carbon intensive industries**. By leveraging carbon capture technologies, we can achieve **14% of the GHG emissions reductions needed by 2050**. Reaching our climate goals requires a concerted global effort. By demonstrating carbon capture leadership, the U.S. can continue serving as a strong partner to our allies through **energy and technology trade and cooperation** as the global energy landscape evolves.



CCUS IS SAFE AND EFFECTIVE

CO2 pipelines are a **mature technology** and have **safely been in use for over 50 years**. Additionally, the piloting and demonstration of **dedicated storage has been occurring since the 1990s**. Dedicated storage also builds on 50 years of lessons learned from CO2 enhanced oil recovery and over 150 years of subsurface activity by the oil and gas sector.



CCUS HAS BIPARTISAN SUPPORT

The Bush, Obama, Trump, and Biden Administrations all identified carbon capture as a **useful and necessary** means of helping the United States reduce its CO2 emissions without sacrificing our economy. In fact, despite how dramatically our energy landscape has changed in the last 15 years, carbon capture has consistently been identified by our energy leaders as a solution that **protects our energy interests while still addressing our environmental needs**.



CCUS IS VITAL FOR THE GREEN ENERGY TRANSITION

The U.S. energy industry is a huge economic engine, and traditional energy represents its driving force. As we transition to a low- and zero-carbon future, it's crucial that employment and investment keep pace. The Department of Energy estimates that a **domestic carbon capture market** will create **hundreds of thousands of direct jobs** and **nearly 2 million indirect jobs**, all of which are reliable, high-paying positions in a desirable, sustainable sector. For states where these technologies are being leveraged, CCUS signifies **billions of dollars of new investment**.



CCUS IS ESSENTIAL FOR MEETING CONSUMER DEMAND

Consumer choice is driven by a diversity of affordable and reliable energy sources. By **decarbonizing traditional energy production**, carbon capture can play a meaningful role in ensuring that consumers continue to have **options for their fuel and power needs** as we continue our transition to a low-carbon economy.

Captured Conversation Podcast

CARBON CAPTURE UTILIZATION AND SEQUESTRATION



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