

Carbon Capture and Sequestration-Current Scenario in India

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Abstract: *This paper provides an overview of the current scenario of Carbon Capture and Sequestration (CCS) in India. With India being one of the largest emitters of greenhouse gases, addressing the issue of carbon emissions is critical. This paper discusses various CCS technologies, government initiatives, challenges, and the potential for large-scale implementation in India to mitigate the effects of climate change. The paper also outlines the benefits and challenges of implementing CCS in the Indian context, including economic, technological, and policy-related aspects.*

Keywords: Carbon Capture and Sequestration, India, Greenhouse Gas Emissions, Climate Change, CO₂, Environmental Policy, Clean Energy