

Press Release

NEW REPORT DETAILS REGULATORY PATHWAYS FOR TRANSITIONING CO₂ EOR TO CCS IN ALBERTA AND TEXAS

A new report has been published by CCP (CO₂ Capture Project) that provides an in-depth review of the regulatory pathways for transitioning a pure CO₂ EOR (Enhanced Oil Recovery) project into a CO₂ storage operation in two key jurisdictions – Texas, USA, and Alberta, Canada.

A CCP overview study of the subject in 2016 identified that although there are no technological barriers to be overcome, there are a number of legal, regulatory and economic challenges across jurisdictions which must be addressed to allow EOR projects to serve as CCS projects. Alberta and Texas were chosen for specific focus in this new report as they are particularly favourable locations for potential CCS projects, resulting from a history of CO₂ injection for EOR and/or existing CCS infrastructure.

The new report – *CCP4: Review of CO₂ EOR Transitioning to CCS in Texas and Alberta* – looks at each of the jurisdictions through two lenses – firstly, the existing regulatory pathway for CCS permitting without EOR; and then, what is needed for a CO₂-EOR scheme to gain credit as CCS and where regulation may be a barrier to that transition. Each key project stage is covered, from planning and permitting, through to operation, decommissioning and closure. Case studies from each jurisdiction are also provided.

Arthur Lee, CCP Policy & Incentives Team Lead, comments: “This report takes the results from our work last year and moves them a stage further on, providing real detail in two key geographies. We find that, even in two relatively advanced EOR/CCS areas like Texas and Alberta, there are still gaps and uncertainties in the regulatory frameworks that need to be addressed for CO₂ EOR projects to transition successfully to CCS.”

The report is available to download at www.co2captureproject.org.

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Note to editors:

Since CCP's formation in 2000, it has undertaken more than 150 projects to increase understanding of the science, economics and engineering applications of carbon capture and storage.

CCP works alongside specialists from industry, technology providers and academia to advance technologies, improve operational approaches and help make CCS a viable option for CO₂ mitigation in the oil and gas industry. CCP has been working closely with government organizations – including the US Department of Energy, European Commission and 60+ academic bodies and global research institutes.

The members of CCP's fourth phase are BP, Chevron, Petrobras and Suncor¹.

For further information on CCP and its projects, register at www.co2captureproject.org.

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¹ Suncor exited CCP in Dec 2016.

