NEW CCP REPORT HIGHLIGHTS BEST PRACTICE IN TRANSITIONING FROM CO₂ EOR TO CO₂ STORAGE

A new CO₂ Capture Project (CCP) report has been published that looks at international best practice in transitioning from CO₂ EOR to CO₂ storage sites.

A key finding is that the legal and regulatory regimes pertaining to CO₂ EOR and CO₂ storage sites contain significant differences that need to be addressed in order to facilitate the transition in use from one type of site to the other. Site evaluation, monitoring, post-closure liability and conformance with national GHG inventory guidelines are the main areas of divergence which require attention from policymakers and regulators.

The CCP study – Best Practice in Transitioning from CO₂ EOR to CO₂ Storage – examined the legal frameworks for CCS and CO₂ EOR sites across the US, Canada, Europe, Australia and Brazil. It found that while there is a clear regulatory framework for both types of sites in most regions, there are insufficient provisions that would allow a CO₂ EOR operator to transition to a CCS project to receive credit for long-term storage.

The report does not identify any specific technological barriers or challenges to transitioning from CO₂ EOR to CO₂ storage. Neither are there any existing policies or regulatory provisions in the regions studied that explicitly prohibit the prospect of CO₂ EOR projects transitioning to CCS projects.

Arthur Lee, CCP Policy & Incentives Team Lead, comments: “Current legal and regulatory frameworks apply to the specific and different needs of oil and gas production and CO₂ storage. Operators of existing or new CO₂ EOR projects who wish to transition to CCS will need to work with regulators to develop further guidance. The report is the first step to help with this development”.

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

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Press Release

Notes to Editor

The CCP (CO₂ Capture Project) is a group of major energy companies working together to advance the technologies that will underpin the deployment of industrial-scale CO₂ capture and storage (CCS).

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.

The partnership 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 Suncor.

For further information on CCP and its projects, please visit www.co2captureproject.org.

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