

**Press Release**

**CCP LAUNCHES PHASE FOUR: MISSION TO ADVANCE CCS  
FOR THE OIL AND GAS INDUSTRY**

The CCP (CO<sub>2</sub> Capture Project) is now in its fourth phase, having officially extended its program by a further four years, beginning February 2015 and concluding at the end of 2018. This partnership of major energy companies is now in its fifteenth year and will continue to develop pioneering CO<sub>2</sub> capture and storage (CCS) technology research and knowledge for potential application in the oil and gas industry.

The CCP4 program aims to develop further research and understanding of CO<sub>2</sub> capture solutions in the scenarios identified from previous CCP phases (refinery, heavy oil and natural gas power generation), together with a new scenario – CO<sub>2</sub> separation from natural gas production.

Within CO<sub>2</sub> storage, the CCP4 program will continue to demonstrate safe and secure geological containment through field-based monitoring and the development of robust intervention protocols.

The CCP4 program follows on from the successful achievements of its previous phase. Key highlights from CCP3 include:

- Demonstration of oxy-firing capture technology at a refinery research facility in Brazil
- Demonstration of oxy-firing capture technology at a heavy oil extraction facility in Canada (due to complete later in 2015)
- Economic baselines for oil refinery, heavy oil and natural gas scenarios finalized
- Modular borehole monitoring system successfully deployed at Citronelle Dome (Alabama, US) site
- Contingencies study modeling completed with significant conclusions drawn
- CO<sub>2</sub> impurities study showing impact on underground CO<sub>2</sub> plume behavior completed

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CCP Chairman, Nigel Jenvey, comments:

“We are delighted to take CCP’s work into the next phase, advancing viable and sustainable CCS solutions for the oil and gas industry. Our focus is on improving cost efficiencies of emerging technologies, assessing novel technologies with great potential, and building the science and engineering expertise around both storage and capture.

We are also open to further collaboration with other CCS research, development and demonstration programs. Prospective new members are welcome to contact CCP to gain further details of the program and membership details.”

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### **Notes to Editor**

The CCP (CO<sub>2</sub> Capture Project) is a partnership of major energy companies working together to advance the technologies that will underpin the deployment of industrial-scale CO<sub>2</sub> 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 CO<sub>2</sub> 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](http://www.co2captureproject.org).

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