

CO₂ Capture Project Phase 2 (CCP2)
CSLF Project Status Report (PSR)
December 2008

1. Project Location
Project Office: 150 West Warrenville Road, Naperville, IL USA 60563
2. Project Lead
<ul style="list-style-type: none">▪ CCP2 Program Manager: Linda Curran, BP▪ CCP2 Executive Board Chairman: Gardiner Hill, BP▪ Capture Team Lead: Ivano Miracca, ENI▪ Storage Team Lead: Scott Imbus, ChevronTexaco▪ Communications Team Lead: Iain Wright, BP▪ Policy Team Lead: Arthur Lee, ChevronTexaco▪ CCP2 Advisory Board Chair: Vello Kuuskraa
3. Project Objectives
<ul style="list-style-type: none">▪ Develop technology that will reduce costs and improve efficiencies of CO₂ Capture through advanced technologies▪ Increase knowledge and reduce uncertainties in technology performance and deliver low-cost CO₂ capture technologies to demonstration stage by 2009▪ Demonstrate that geological storage of CO₂ is secure and can represent a viable Greenhouse Gas mitigation technique. Develop technology to address critical issues such as storage site/project certification, well integrity and monitoring▪ Increase public awareness and acceptance of CCS▪ A distinctive aspect of CCP2 is the emphasis on collaboration and partnership with governments, industry, NGO's and other stakeholders. The members of the partnership recognize the challenges associated with global climate change require solutions that are economically and socially accepted to all.
4. Recent Milestones
<ul style="list-style-type: none">▪ Capture technologies are undergoing rigorous technical and economic assessments prior to development and scaleup in Phase 3 -beginning January 2009.▪ Certification Framework: Development continues for a stream-lined, integrated, risk-based model for technical assessment of potential storage sites, including operational parameters, monitoring systems, and success criteria for demonstrating long-term containment.
5. Status
<ul style="list-style-type: none">▪ A rigorous process is underway to evaluate the most promising capture technologies for potential pilot or demonstration▪ Information from 3 well evaluations has been assessed to determine the long-term sealing capacity of wells in a CO₂-rich environment, type and levels of risk posed by failure of well components, and preventative and remediative engineering solutions.▪ Novel approaches to optimize the resolution and cost effectiveness of monitoring, leakage detection and verification are under development▪ The Phase 3 program will begin in January 2009. Parties interested in participating should contact the Program Manager for details.▪ Recent reports: can be found on the CCP2 website: http://www.co2captureproject.org/index.htm