

Carbon Storage Program



Carbon Storage Program

Drivers for Developing & Validating Technologies

- ❑ Industry and regulatory agencies will have the capability to monitor and account for safe and permanent storage of CO₂ throughout the U.S. ***(EPA Regulations)***
- ❑ Demonstrate that Carbon Storage is a viable technology solution that can be implemented on a large-scale and is safe for the environment ***(Public Perception)***
- ❑ Development or integration of new or adapting existing technologies, such as seismic monitoring, to be cost-effective in order to reduce overall storage project costs ***(Commercial Toolbox)***
- ❑ Ensure technologies are ready for wide-scale deployment of CCS allowing a diverse energy portfolio ***(Fossil Fuels)***

The KEY....

System Integration and Field Validation

Carbon Storage Program

Regional Carbon Sequestration Partnerships (RCSPs)

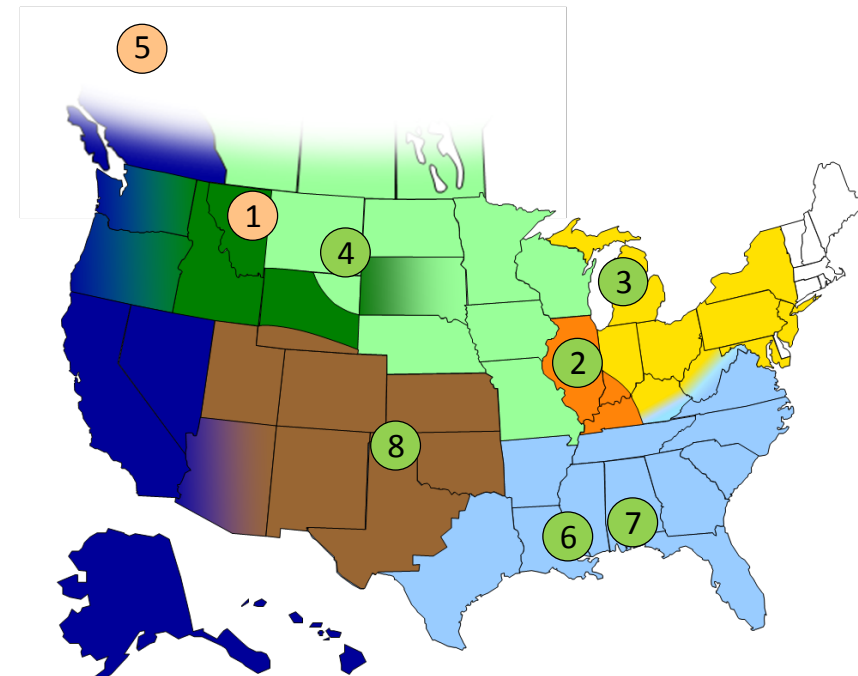


Where are we today??



Carbon Storage Program

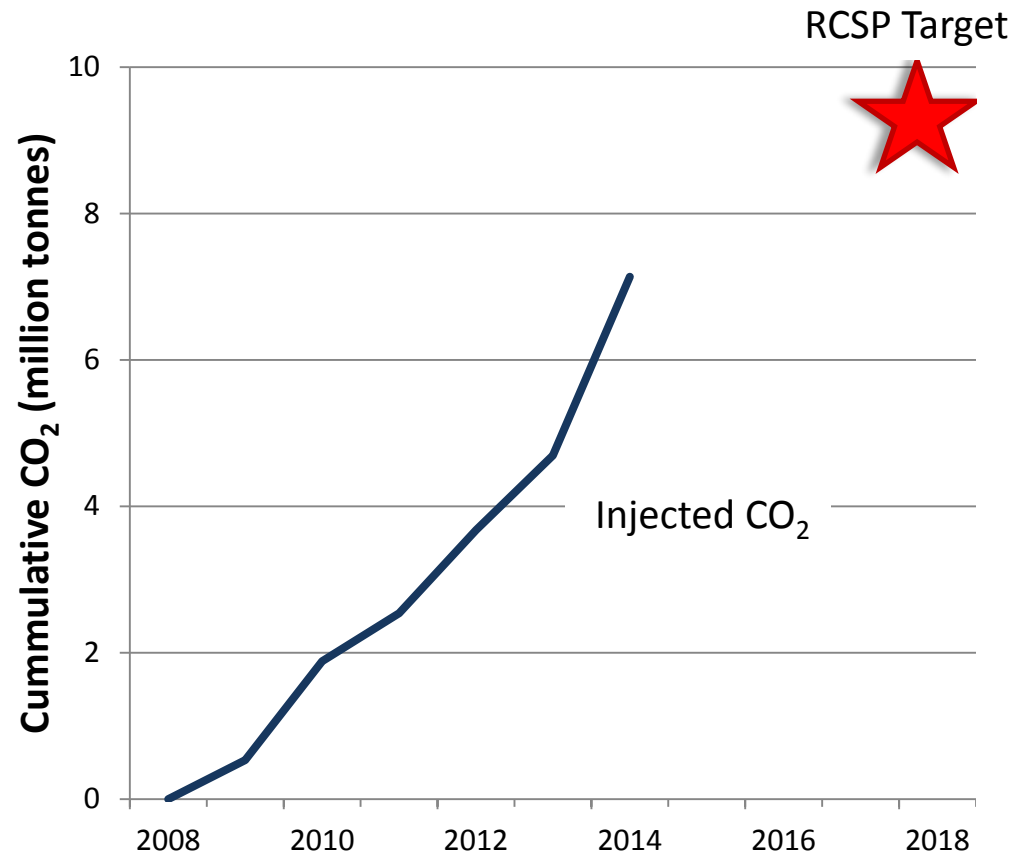
RCSP Large-Scale Field Projects



● Injection Ongoing

● Injection Scheduled 2015-2016

Note: Some locations presented on map may differ from final injection location



Where do we go from here?

Carbon Storage Program

Knowledge Sharing—Best Practices Manuals



Best Practices Manual	Version 1 (Phase II)	Version 2 (Phase III)	Final Version (Post-Injection)
Monitoring, Verification and Accounting	2009/2012	2016	2020
Public Outreach and Education	2009	2016	2020
Site Characterization	2010	2016	2020
Geologic Storage Formation Classification	2010	2016	2020
**Simulation and Risk Assessment	2010	2016	2020
**Carbon Storage Systems and Well Management Activities	2011	2016	2020
Terrestrial	2010		

**Regulatory Issues will be addressed within various BPMs