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

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

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<td>Monitoring, Verification and Accounting</td>
<td>2009/2012</td>
<td>2016</td>
<td>2020</td>
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<tr>
<td>Public Outreach and Education</td>
<td>2009</td>
<td>2016</td>
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<td>Site Characterization</td>
<td>2010</td>
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<td>Geologic Storage Formation Classification</td>
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<td><strong>Simulation and Risk Assessment</strong></td>
<td>2010</td>
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<td><strong>Carbon Storage Systems and Well Management Activities</strong></td>
<td>2011</td>
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<td>Terrestrial</td>
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**Regulatory Issues will be addressed within various BPMs**