

U.S. Department of the Interior
Bureau of Land Management

Bureau of Land Management (BLM) Carbon Sequestration Policy Development Overview for Public Lands

Federal Lands and Outer Continental Shelf
Permitting Task Force
May 21, 2024



Overview of Presentation

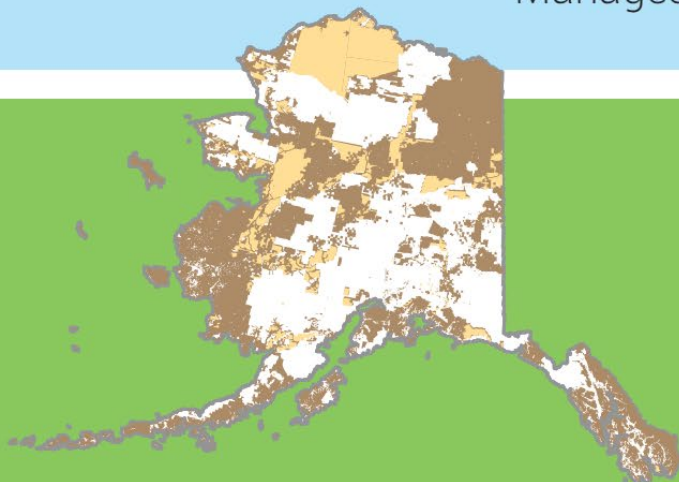




- BLM Jurisdiction Map
- Land and Mineral Ownership Jurisdiction
- Rights-of-Way (ROWs)
- Current Projects
- Challenges
- Questions



The Bureau of Land Management

Manages more than 1/10 of the nation's surface area
and 30% of the nation's minerals and soils.



-  BLM-administered land
-  BLM-administered subsurface minerals

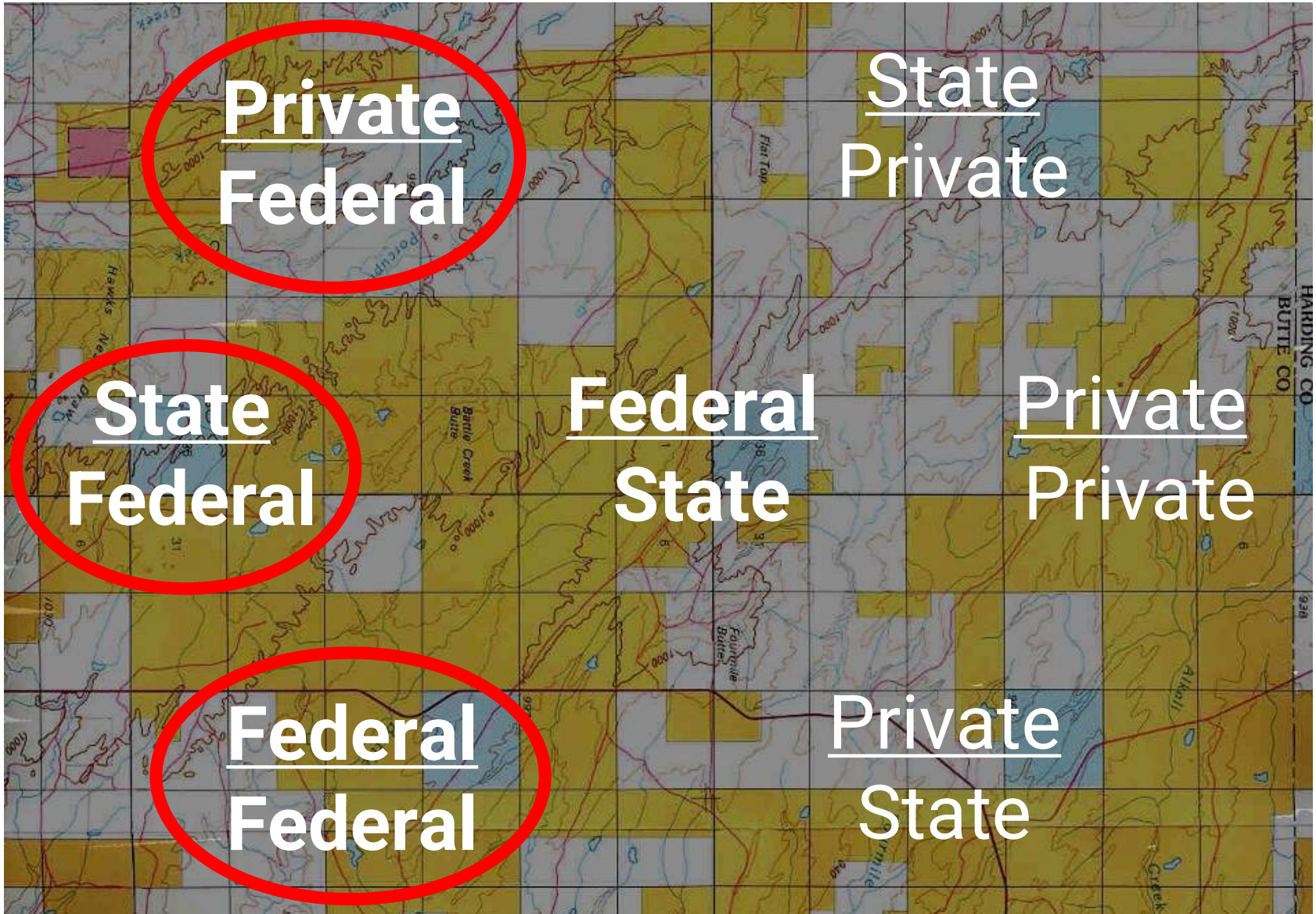


Your public lands

The public lands managed by the Bureau of Land Management are owned by all Americans and contain some of the nation's most spectacular landscapes that range from Alaska's North Slope to the Florida Keys. America's public lands are used for a variety of purposes and encompass large expanses of rangelands, forests, high mountains, arctic tundra, and deserts.



Surface and Mineral Ownership Jurisdiction



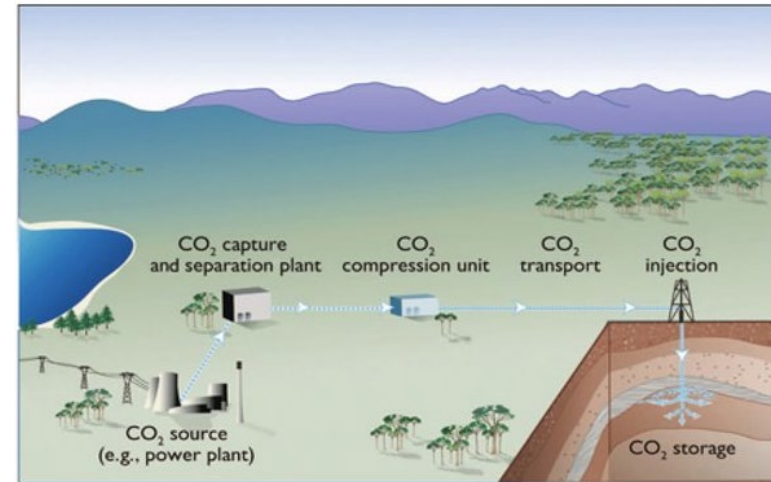
How does the BLM authorize and manage Carbon Capture, Utilization, and Sequestration (CCUS) projects?

Projects are managed under Rights-of-Way (ROWs)

What is a ROW?

Authorization to:

- Use a specific piece of public land for certain projects
- Specific period
 - Examples: roads, pipelines, powerlines, surface facilities, pore-space



BLM manages over 100,000 ROWs on, over, through, and under the public lands.



BLM Current Carbon Capture, Utilization, and Sequestration Projects

Project Name	State	Total Acreage
Southwest Wyoming CO2 Sequestration	Wyoming	605,091
Four Corners Carbon Dioxide Sequestration Project	New Mexico	317,921
CO2 Capture Point Solutions, LLC	Colorado	156,966
Snowy River	Montana	100,000
Sweetwater Carbons Storage Hub	Wyoming	44,346
CO2 Capture Point Solutions, LLC	New Mexico	15,000
Southeast Wyoming CO2 Sequestration Project	Wyoming	480
Carbon Terravault CCS	California	360
Shute Creek 5-2 Disposal	Wyoming	125



CCUS Project Locations





Challenges

- Pore space (Volume vs linear)
- Fair Market Value - Fee / rentals (Effective porosity number)
- Multiple agencies involved
- Mineral ownerships / access
- Enhanced Oil Recovery (EOR) versus Carbon Capture, Utilization, and Sequestration (CCUS)
- Availability of open pore-space and impact on existing oil & gas reservoir
- Plume Boundary
- Availability of data for verification / data sharing



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Questions?

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