

**BUILDING SAFE, PERMANENT CARBON STORAGE
FOR TOMORROW'S WORLD**



FRONTIER
CARBON SOLUTIONS

Frontier Carbon Solutions

Who We Are



Carbon Storage Development

Full team of engineers, developers, and project managers dedicated to CO2 storage development

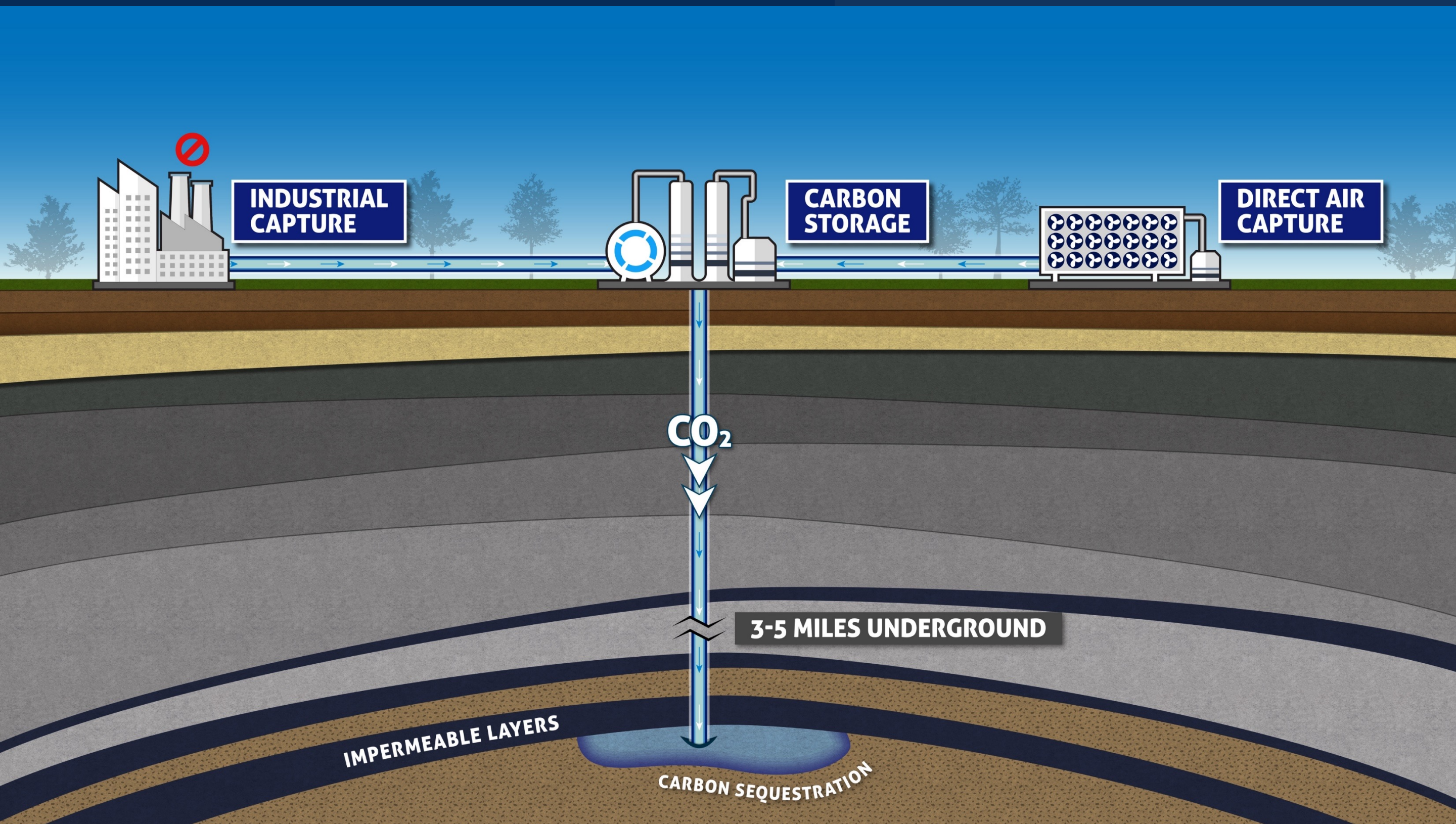
Dedicated Carbon Market Presence

Proprietary network of partners to accelerate tax equity and carbon market financing

Supported by Institutional Capital

Fully backed by Tailwater Capital, a \$4.3B AUM infrastructure fund focused on transitional and infrastructure investments

HOW CARBON STORAGE WORKS





Wyoming

The Premier Carbon Storage State

Plentiful Natural Resources

Natural Gas, Oil, Helium,
Trona, Lithium, Uranium

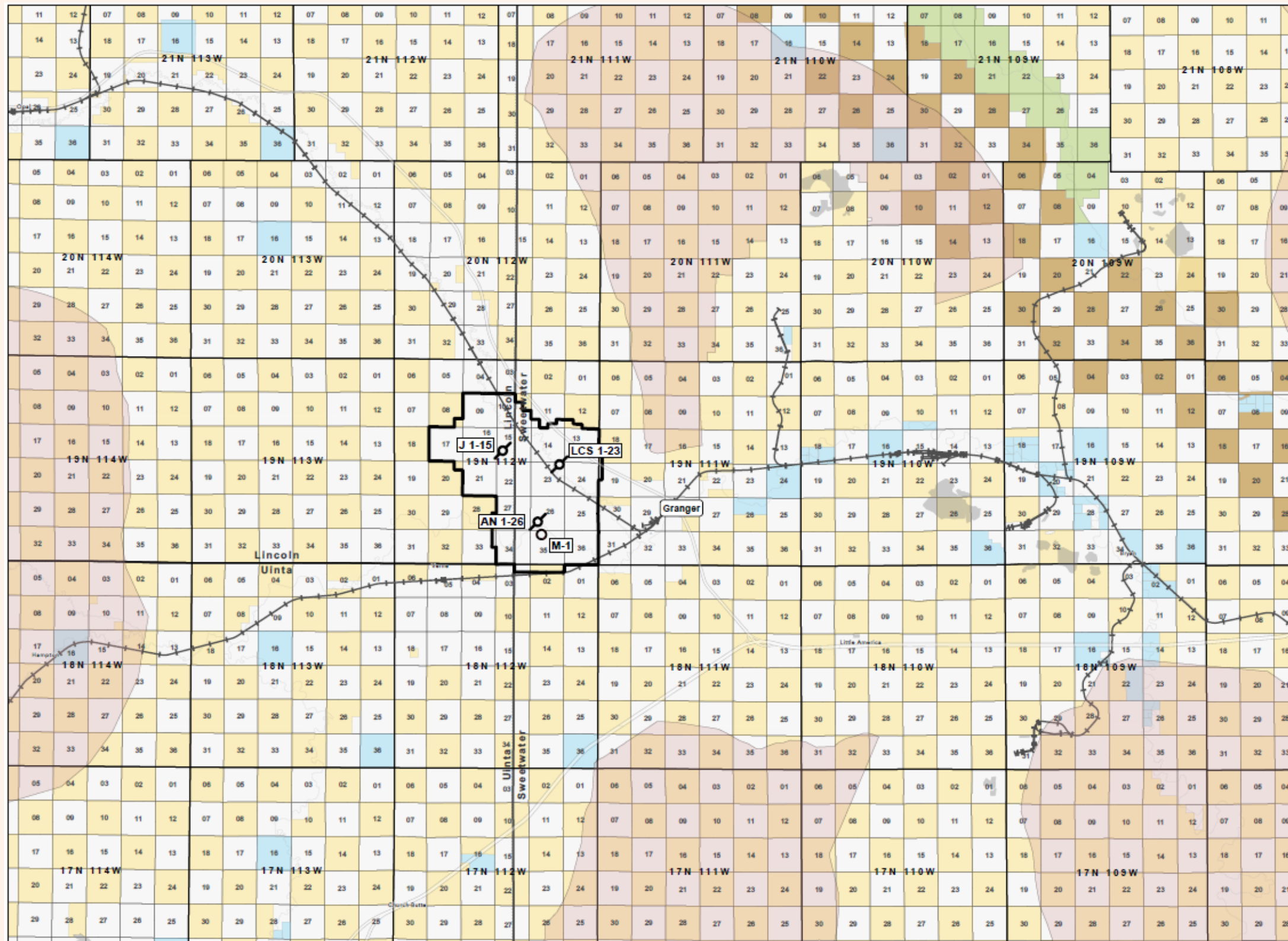
Critical Industrial Corridor

Power, Natural Gas
Processing, Hydrogen,
Emerging Nuclear

Immense Carbon Storage

World-class geology for
CO2 sequestration

Sweetwater Carbon Storage Hub








PROJECT GO
**SWEETWATER CARBON
STORAGE HUB**
SW WYOMING
(SWEETWATER, UINTA & LINCOLN COUNTIES)








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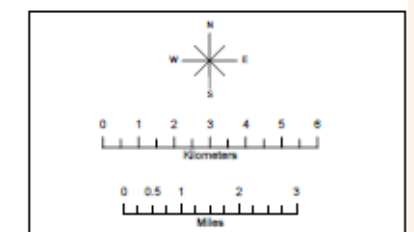


Proposed Injection

-  Injection
-  Monitor
-  CO2 Route
-  Sweetwater Hub
-  UP Railroad

Federal Land

-  BLM
-  State
-  USBR
-  FWS
-  Sage Grouse Core Area



UW and Frontier Carbon Solutions selected for \$40.5MM from DOE for CarbonSAFE Project

- In May 2023, US DOE announced it had selected UWyo's School of Energy Resources and Frontier Carbon Solutions to negotiate a **\$40.5mm** grant over three years to support the development of a "new and expanded large-scale, commercial carbon storage project" in the Great Green River Basin – the Sweetwater Carbon Storage Hub
- One of nine projects receiving a total of **\$242mm** under the "Carbon Storage Validation and Testing" category under the Bipartisan Infrastructure Law aimed at "expanding carbon dioxide transportation and storage infrastructure
- Projects selected are focused on **detailed site characterization, planning and permitting stages** of project development under **Phase 3** of the Office of Fossil Energy and Carbon Management's Carbon Storage Assurance Facility Enterprise (**CarbonSAFE**)

1. Where to Start

Bipartisan Infrastructure Law

\$62 Billion

U.S. Department of Energy

**\$2.25
Billion**

CarbonSAFE

\$242 Million

Funding Opportunity Announcement

Grants.gov

DE-FOA-002711

1. Where to Start

FINANCIAL ASSISTANCE FUNDING OPPORTUNITY ANNOUNCEMENT



Department of Energy (DOE)
Office of Fossil Energy and Carbon Management (FECM)

Bipartisan Infrastructure Law (BIL): Storage Validation and
Testing (Section 40305): Carbon Storage Assurance Facility
Enterprise (CarbonSAFE): Phases III, III.5, and IV

Funding Opportunity Announcement (FOA) Number: DE-FOA-0002711
FOA Type: Initial

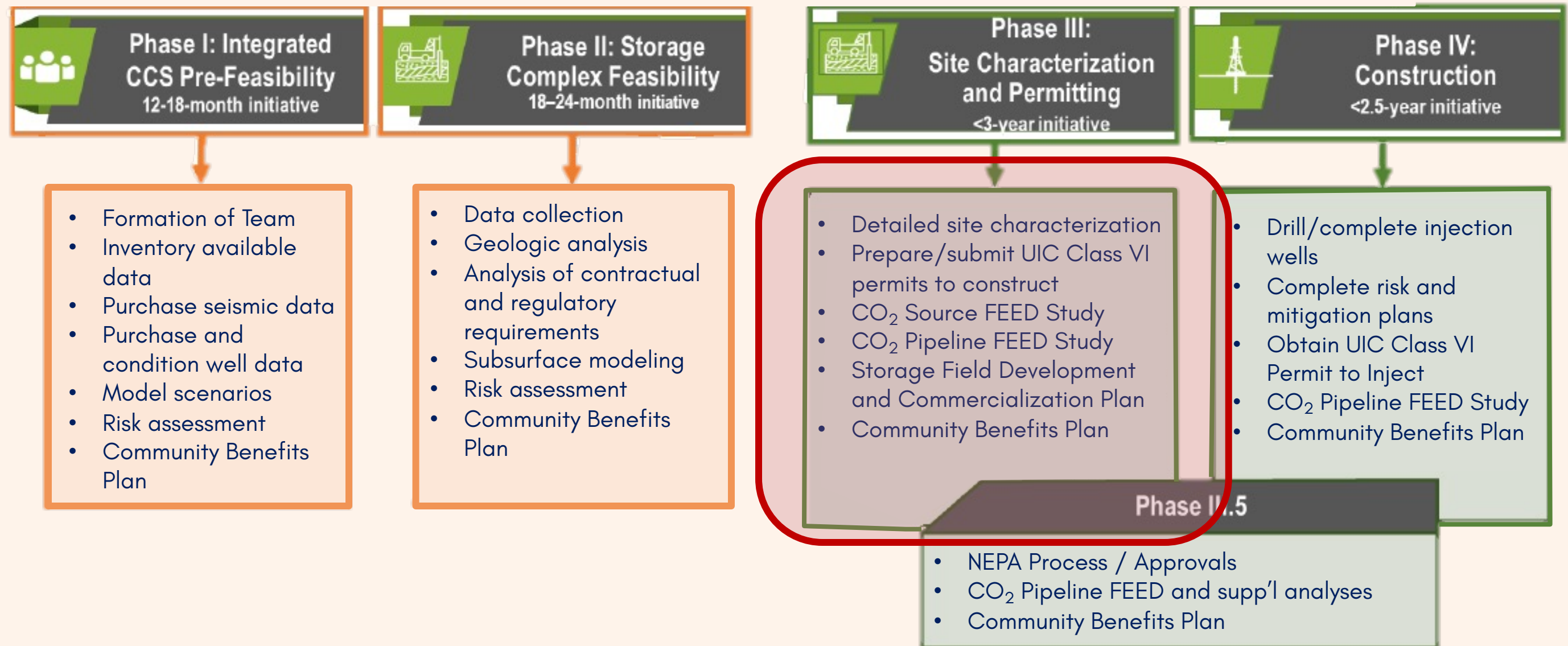
Assistance Listing Number: 81.089, Fossil Energy Research and Development

FOA Issue Date:	09/21/2022
Submission Deadline for Full Applications:	11/28/2022 – 5:00 PM ET
Expected Date for DOE Selection Notifications:	~03/13/2023
Expected Timeframe for Award Negotiations:	~07/31/2023

- **“SAM”** – Applicant must register with the System for Award Management
- **“UEI”** – Applicant must obtain a Unique Entity Identifier
- **“AOR”** – Each grant application must identify and register an Authorized Organization Representative
- Must also register with **Grants.gov** and **FedConnect**

Cover page of 257-page application

2. What are You Applying For?



- Follow the letter for the FOA
- You cannot overload the application with data and details
 - Be prepared to effectively demonstrate the social and environmental benefits of your project
- Remember – after the *notification*, it's a negotiation

3. Who are you Applying with?

- If not your organization, who is your Primary Authorized Organizational Representative?
- For Frontier, **UW School of Energy Resources** has been an **ideal partner**
 - Acted as primary representative during application process
 - Saved us considerable time and resources to avoid lengthy “AOR” process
 - Committed to mission to decarbonize Wyoming’s hard-to-abate industries

**THANKS
FOR YOUR
SUPPORT**



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