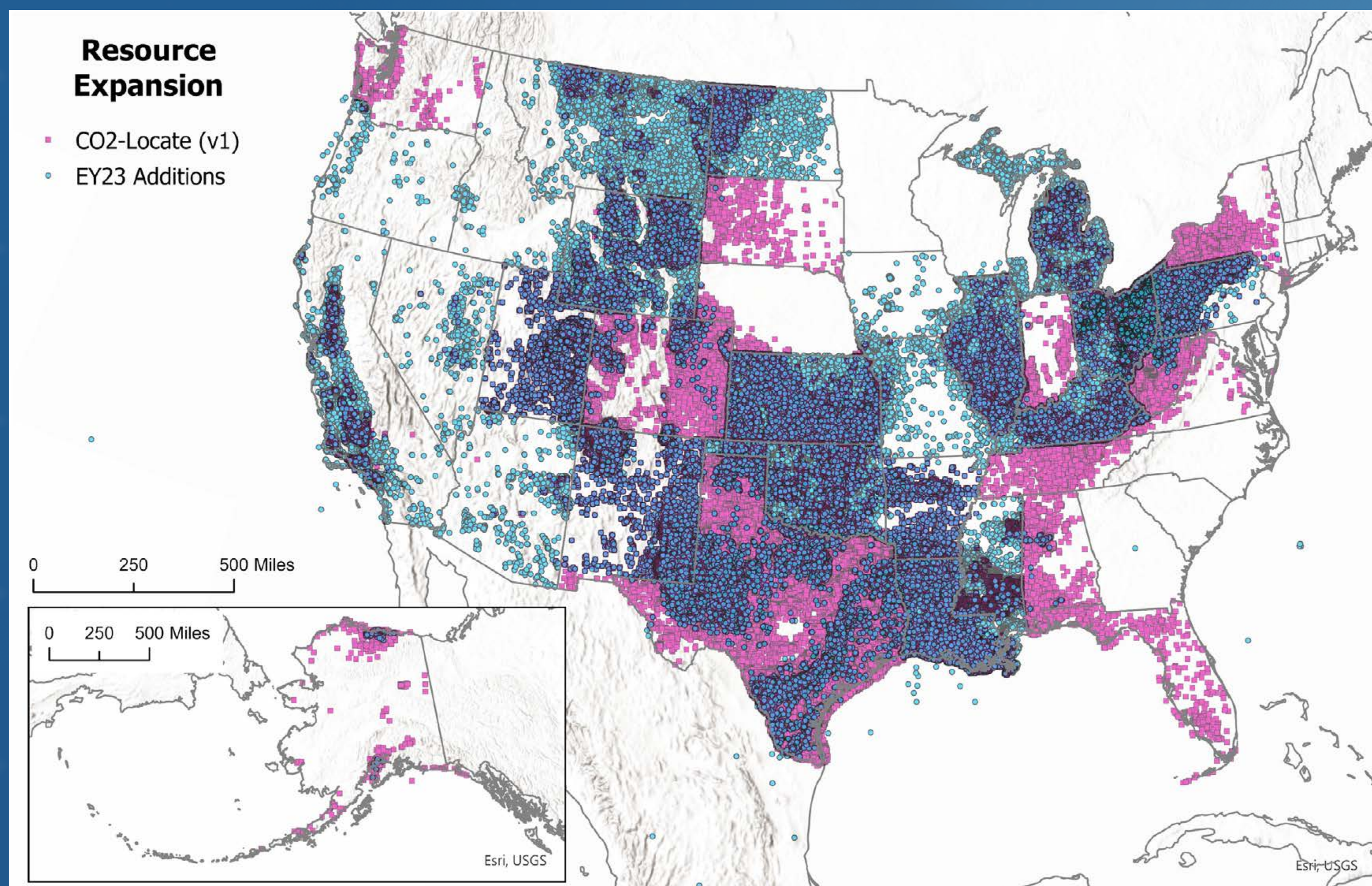


# NETL CO<sub>2</sub>-LOCATE DATABASE TO ENHANCE CARBON CAPTURE AND STORAGE PROJECTS

*CO<sub>2</sub>-Locate is an up-to-date, national, and integrated resource built to support safe and optimal Carbon Capture and Storage (CCS) site selection and inform risk mitigation.*

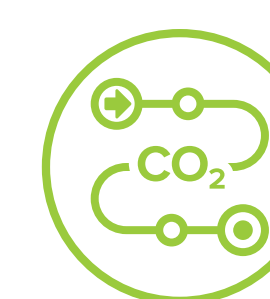


The CO<sub>2</sub>-Locate Database empowers researchers, industry, regulators, and other key stakeholders to easily access and visualize wellbore data across the nation.

Safe and effective CCS requires data to inform safe and environmentally prudent decision-making. A key element of understanding safe site selection for geologic carbon storage and permitting is existing wellbore infrastructure. CO<sub>2</sub>-Locate provides this resource in a digital, usable format.

- CO<sub>2</sub>-Locate is a national well database, with integrated well resources from state and federal entities.
- The first year of the effort resulted in over 3 million wells from 11 public resources, which has since been expanded to more than 40 resources and 7 million public well records.
- CO<sub>2</sub>-Locate also features spatial summaries of key wellbore characteristics such as age, depth, and status derived from proprietary resources.

## RESEARCH PRIORITY



**CARBON STORAGE AND TRANSPORT**

## PERFORMER



**NATIONAL  
ENERGY  
TECHNOLOGY  
LABORATORY**

NETL ANNUAL  
**ACCOMPLISHMENTS**  
2023



U.S. DEPARTMENT OF  
**ENERGY**

Fossil Energy and  
Carbon Management



**NATIONAL  
ENERGY  
TECHNOLOGY  
LABORATORY**