



Fossil Energy

Clean Coal & Natural Gas  
Power Systems

Carbon Sequestration

Hydrogen & Other Clean  
Fuels

Oil & Natural Gas Supply &  
Delivery

Natural Gas Regulation

U.S. Petroleum Reserves

#### IN YOUR STATE

Select a State

#### OFFICES & FACILITIES

Select a Field Site

#### STAY CONNECTED



#### QUICK REFERENCE

- [Fossil Energy Project Data](#)
- [International Activities](#)
- [R&D Commercial Successes](#)
- [Fossil Energy Video Gallery](#)
- [Fossil Energy Site Map](#)

You are here: [Carbon Sequestration](#) > [Regional Partnerships](#)

### Carbon Sequestration Regional Partnerships

DOE has created a network of seven Regional Carbon Sequestration Partnerships (RCSPs) to help develop the technology, infrastructure, and regulations to implement large-scale CO<sub>2</sub> sequestration in different regions and geologic formations within the Nation.

Underlying this Regional Partnership approach is the belief that local organizations and citizens will contribute expertise, experience, and perspectives that more accurately represent the concerns and desires of a given region, thereby resulting in the development and application of technologies better suited to that region. Collectively, the seven RCSPs represent regions encompassing 97 percent of coal-fired CO<sub>2</sub> emissions, 97 percent of industrial CO<sub>2</sub> emissions, 96 percent of the total land mass, and essentially all the geologic sequestration sites in the U.S. potentially available for carbon storage. The seven partnerships include:

- [Big Sky Regional Carbon Sequestration Partnership \(Big Sky\)](#)
- [Plains CO<sub>2</sub> Reduction Partnership \(PCOR\)](#)
- [Midwest Geological Sequestration Consortium \(MGSC\)](#)
- [Midwest Regional Carbon Sequestration Partnership \(MRCSP\)](#)
- [Southeast Regional Carbon Sequestration Partnership \(SECARB\)](#)
- [Southwest Regional Partnership on Carbon Sequestration \(SWP\)](#)
- [West Coast Regional Carbon Sequestration Partnership \(WESTCARB\)](#)

#### MORE INFO

- [Read the Nov. 17, 2008, DOE Remarks Announcing the Final Large-Scale Field Test](#)

This initiative, launched by DOE in 2003, forms the centerpiece of national efforts to develop the infrastructure and knowledge base needed to place carbon sequestration technologies on the path to commercialization. During the first phase of the program, the Partnerships characterized the potential for CO<sub>2</sub> storage in deep oil-, gas-, coal-, and saline-bearing formations. This work led to the publication of two versions of the Carbon Sequestration Atlas of the United States and Canada, last updated in May 2009. In the program's second phase, the Partnerships confirmed and validated regional sequestration opportunities through small-scale geological storage tests.

In Phase III, the Regional Carbon Sequestration Partnerships are working to implement nine large-scale sequestration projects that will demonstrate the long-term, effective, and safe storage of CO<sub>2</sub> in the major geologic formations throughout the United States and portions of Canada. These injections are expected to begin at some sites in



#### RELATED NEWS

- > [Secretary Ch. Announces U. \\$55 Million i Funding to I Advanced C: Capture Tech at Existing C Power Plants](#)

> [More Related](#)

#### PROJECT INFO

- > [National Energy Technology Laboratory V](#)
- > [Database of Sequestration Projects](#)

#### PROGRAM CONTACT

- > [John Litynsk National Energy Technology Laboratory PO Box 880 U.S. Dept. of Morgantown 26507 304-285-13:](#)
- > [Robert Kane Office of Fossil Energy \(FE-26\) U.S. Dept. of Washington, 20585 202-586-47:](#)

- > [Robert Wright Office of Fossil Energy \(FE-22\) U.S. Dept. of Washington](#)

[Web Policies](#) | [No Fear Act](#) | [Site Map](#) | [Privacy](#) | [Phone Book](#) | [Employment](#)