



**REGIONAL  
CARBON  
CAPTURE  
DEPLOYMENT  
INITIATIVE**

**UPDATE**

April 15, 2022

## Register Now! Speakers and Agenda Announced for RDI Carbon Management Conference

We are pleased to announce newly confirmed speakers for *Turning Federal Investment into Action: Scaling Carbon Management Technologies and Infrastructure*, an RDI in-person event on May 25 and 26 2022 at the historic Brown Hotel in downtown Louisville, Kentucky.

This tremendous group of speakers will address the benefits of carbon management, discuss ongoing projects and explore ways to support projects by utilizing:

- Enacted federal legislation (e.g. IIJA) and regulations;
- Key foundational state policies and statutes; and
- Strategies that ensure projects are built in a manner that adequately benefits individuals and communities.

Our full list of confirmed speakers is below, with more to be announced soon:

- **Cindy Crane**, CEO, Enchant Energy
- **Linda Daugherty**, Deputy Associate Administrator for Field Operations, Pipeline and Hazardous Materials Safety Administration
- **Tom Dower**, Vice President Public Policy, LanzaTech
- **Tracy Evans**, CEO and Founder, CapturePoint
- **Matt Fry**, Senior Policy Manager, Great Plains Institute
- **Jon Kehmeier**, Vice President of Scientific and Technical Services, Steven W. Carothers & Associates
- **Secretary Becky Keogh**, Cabinet Secretary, Arkansas Department of Energy and Environment
- **Kris Koski**, Professional Land Management Director and Associate Lecturer, University of Wyoming School of Energy Resources
- **Patrice Lahlum**, Program Consultant, Great Plains Institute
- **Jason Lanclos**, Director, State Energy Office, Louisiana Department of Natural Resources
- **Glen Murrell**, Director, Wyoming Energy Authority
- **Simone Stewart**, Industrial Policy Specialist, National Wildlife Federation

There is no cost to register for the conference. We invite you to register for *Turning Investment into Action: Scaling Carbon Management Technologies* [here](#).

## Google Releases Policy Roadmap

Google released a [new policy roadmap](#) for carbon free energy yesterday, including the necessity of carbon management in reducing carbon emissions from gas generation, and for decarbonizing the electrical sector and hard-to decarbonize sectors. The report also stated that governments should provide financing support and other risk mitigation mechanisms to help commercialize and scale-up innovative technologies, including carbon capture.

## Federal Carbon Dioxide Removal Leadership Act

Representatives Paul D. Tonko (NY-20) and Scott Peters (CA-52) introduced the [Federal Carbon Dioxide Removal Leadership Act](#) on Friday. The bill mandates the Energy secretary to remove pre-determined amounts of carbon while laying out best practices for the technology and considering environmental justice and community engagement.

The Federal Carbon Dioxide Removal Leadership Act of 2022:

- Requires the Department of Energy (DOE) to remove an increasing amount of carbon dioxide emissions using direct air capture or other technology-based removal solutions;
- Ensures best practices for monitoring, reporting, and verifying carbon removals and for robust public engagement;
- Sets a declining per-ton price ceiling to incentivize cost reductions over time and give flexibility for DOE to invest in nascent technologies with high carbon removal potential;
- Creates a set-aside for newer CDR technologies to promote a broad portfolio of technologies;
- Prioritizes domestic job creation, environmental justice, innovative technologies, and community benefits.

A fact sheet of the legislation can be viewed [here](#).

Statements of support from organizations can be viewed [here](#).

Associated News Coverage:

- [Tonko, Peters Introduce Carbon Dioxide Removal Legislation | U.S. Representative Paul Tonko \(house.gov\)](#)
- [Rep. Peters Answers Urgent Call Made by UN Climate Report, Introduces Carbon Dioxide Removal Legislation | Congressman Scott Peters \(house.gov\)](#)

## DOE FECM Releases Strategic Vision

The Department of Energy's Office of Fossil Energy and Carbon Management (FECM) released its strategic vision, [The Role of Fossil Energy and Carbon Management in Achieving Net-Zero Greenhouse Gas Emissions](#), on April 5.

FECM envisions enabling the demonstration and ultimately deployment of technologies for carbon management and mitigating challenges of fossil fuel use in a just and sustainable way, with the goal of achieving net-zero GHG emissions by mid-century. FECM prioritizes the following three strategic directions and related priorities to achieve these goals:

- Advancing Justice, Labor and Engagement
- Advancing Carbon Management Approaches toward Deep Decarbonization
- Advancing Technologies that Lead to Sustainable Energy Resources

## DOE to Invest \$14 million in DAC FEED Projects

The U.S. Department of Energy (DOE) this week [announced](#) \$14 million in funding for five front-end engineering design (FEED) studies that will leverage existing zero- or low-carbon energy to supply direct air capture (DAC) projects, combined with dedicated and reliable carbon storage. A list of selected projects can be viewed [here](#).

## Clean Air Task Force Releases Carbon Management Project Tracker for the Middle East

The Clean Air Task Force (CATF) has updated their [carbon management tracker](#) to include the middle east and north Africa (MENA). The tracker currently maps 10 projects; five of these projects are operational. CATF [notes](#) that the MENA has great potential to deploy carbon management technology and position itself as a global carbon management leader and supplier zero-carbon fuels given the region's "*existing experience existing experience with carbon management technologies, substantial financial resources to develop technology and infrastructure, large sources of geologic storage, and extensive expertise working in the sub-surface.*"

## Join GPI's Carbon Management Team!

The Great Plains Institute is currently seeking applications for an Action Network Manager, Public Relations and Communications Strategist, Research Manager, and Labor Engagement Manager for its Carbon Management Program. For additional information, please see the job postings below.

- [Carbon Management Action Network Manager](#)
- [Carbon Management Public Relations and Communications Strategist](#)
- [Carbon Management Research Manager](#)
- [Carbon Management Labor Engagement Manager](#)

## State Carbon Management Legislative Highlights

**California:** amended [AB 1676](#), *Pipeline safety: carbon dioxide*, and is currently holding hearings on the bill. The bill expands the regulation of intrastate pipelines under the act to intrastate pipelines used for the transportation of carbon dioxide, as defined, including by revising the definition of "pipeline" for purposes of the act to also include intrastate pipelines used for the transportation of carbon dioxide.

**Ohio:** [HB 175](#), *Deregulate certain ephemeral water features*, was passed by the Ohio Senate on April 6. The bill requires the Ohio department of natural resources to initiate a process to work with the United States environmental protection agency (EPA) and the United States Department of Energy (DOE) to develop a statewide underground injection control program for class VI injection wells to obtain primary enforcement authority over those wells from the EPA.

Bills previously referenced in the update include:

*Introduced*

- **California:** [SB 1399](#), *Carbon capture and storage pilot program: industrial facilities*,
- **Maryland:** [HB 1366](#), *Zero-Emission Energy Resources and Carbon Capture, Use, and Sequestration – Renewable Energy Portfolio Standard and Study*,
- **Pennsylvania:** [HR 183](#), *A Resolution urging the Biden Administration and the Congress of the United States to designate this Commonwealth as a hydrogen hub*

*First Committee*

- **California:** [SB 905](#), *Decarbonized Cement and Geologic Carbon Sequestration Demonstration Act. Geological Carbon Sequestration Amendments*,
- **Colorado:** [SB 22-193](#), *Air Quality Improvement Investments*,
- **Minnesota:** [SF 3661](#), *State policy supporting the deployment of carbon capture and sequestration technologies establishment*

*First Chamber*

- **Iowa:** [HF 2565](#), *A bill for an act relating to and making appropriations involving certain state departments, agencies, funds, and certain other entities, providing for regulatory authority, and providing for other properly related matters, and including effective date provisions*

*Second Chamber*

- **Arizona:** [SB 1396](#), *hydrogen study committee*

*Enacted*

- **Alabama:** [SB 36](#), *Oil and Gas Board, underground gas storage facilities, regulation, gas further defined to include abandonment of underground storage facilities, performance bonds, fees by board, Secs. 9-17-150, 9-17-151 am'd.*
- **Indiana:** [HB 1209](#), *Carbon sequestration projects*,
- **Mississippi:** [HB 1218](#), *Carbon dioxide geologic sequestration; revise laws regarding*,
- **Nebraska:** [LB 1099](#), *Create the Nebraska Hydrogen Hub Industry Work Group*,
- **South Dakota:** [HB 1120](#), *Include carbon dioxide and carbon dioxide capture companies in certain provisions regarding pipeline taxation*,
- **Utah:** [HB 244](#), *Geological Carbon Sequestration Amendments*,
- **West Virginia:** [HB 4491](#), *To establish requirements for carbon dioxide sequestration*,

- **Wyoming:** [SF 47](#), *Carbon storage and sequestration-liability*.

Read RDI's [weekly legislative update](#) to see all tracked bills related to carbon management.

---

## News Roundup

- [Great Plains Farmers Push Back Against CO2 Pipelines Encroaching on Their Land](#) (truthout.org)
  - [Climate litigation boosted by IPCC report | POLITICO Pro](#)
  - [Accelerating and Smoothing the Clean Energy Transition](#) (whitehouse.gov)
  - [Google, Facebook and Stripe have \\$ 925 million plans to capture carbon pollution - ExBulletin](#)
  - [POLITICO Pro | Article | Where the largest 25 utilities stand on climate, net zero](#)
  - [Bridgestone Partners with LanzaTech to Pursue End-of-Life Tire Recycling Technologies](#) (bridgestoneamericas.com)
  - [Funding for environmental justice organizations is essential for carbon removal | by Carbon180 | Apr, 2022 | Medium](#)
  - [Xebec to Supply \\$113.5M in Carbon Capture Equipment for Summit Carbon Solutions - North American Energy Pipelines](#) (napipelines.com)
  - [Mitsubishi Heavy's U.S. hydrogen hub to receive \\$90m in aid: governor - Nikkei Asia](#)
  - [US States Strategize for Clean Energy Transition](#) (fitchratings.com)
- 

## Global News

- [Russia's Ukraine invasion supercharges push to make a new green fuel | Business Standard News](#) (business-standard.com)
  - [Saltend picked as site for Humberside's carbon capture storage | S&P Global Commodity Insights](#) (spglobal.com)
  - [Future Biogas chooses Saltend Chemicals Park for green CO2 storage | Bioenergy Insight Magazine](#) (bioenergy-news.com)
  - [Dastur Successfully Completes Techno-Economic Feasibility of India's Largest Carbon Capture and Utilization Project at the IOCL Koyali Refinery | Business Wire](#)
  - [Exxon Mobil begins studies for carbon storage hub in southeast Australia | Reuters](#)
  - [Iceland opens largest carbon-capture and storage plant called Orca - Yanko Design](#)
- 

## New podcasts, reports, statements & blogs

- [LANL: Paving The Path To A Green Future By Capturing, Storing CO2 – Los Alamos Reporter](#)
- [Carbon capture and storage is making a comeback | Canary Media](#)

- [Analysis of wind to hydrogen production and carbon capture utilisation and storage systems for novel production of chemical energy carriers - ScienceDirect](#)
  - [Scientists Use AI to Improve Carbon Sequestration | NVIDIA Blog](#)
- 

## News in the States

### Alabama

- [Drax holds grand opening of pellet plant; looks to the future - THE WEST ALABAMA WATCHMAN](#)

### Illinois

- [Another Carbon Capture measure sent to full County Board – The Breeze-Courier \(breezecourier.com\)](#)

### Iowa

- [Democratic Senate rivals voice qualms on pipelines | Lee-wire | globegazette.com](#)
- [Iowans View Ethanol as Critical to Economic Growth \(summitcarbonsolutions.com\)](#)
- [ADM-backed proposed carbon pipeline to route through Scott, Rock Island counties | Politics and elections | qctimes.com](#)
- [Ellingson says Summit Carbon Solutions is committed to getting drain tile right on pipeline project - Agweek | #1 source for agriculture news, farming, markets](#)
- [Groups choose Fort Dodge for Summit pipeline hearing - Iowa Capital Dispatch](#)
- [Carbon Capture Pipeline CO2 Iowa Trust Lacking002/](#)
- [Iowa Democrat candidates talk rural issues | News | nwestiowa.com](#)
- [O'Brien County talks pipeline with Summit | News | nwestiowa.com](#)
- [Local News: Community concerns voiced over CO2 pipeline \(4/11/22\) | Le Mars Daily Sentinel \(lemarssentinel.com\)](#)
- [Public meeting to discuss proposed CO2 pipeline set for April 22 | Local News | oskaloosa.com](#)

### Louisiana

- [Press Release | Press Releases | Newsroom | U.S. Senator Bill Cassidy of Louisiana \(senate.gov\)](#)
- [Cleco announces \\$900 million greenhouse gas capture project in Louisiana \(theadvertiser.com\)](#)
- [Tulane team a national semifinalist in energy technology competition | Tulane News](#)
- [Carbon Capture Project Will Create Over 1,000 jobs in Louisiana \(governing.com\)](#)

### Maryland

- [Maryland just passed one of the most aggressive... | Canary Media](#)

### Minnesota

- [Drive for carbon pipeline easements underway in west central Minnesota - InForum | Fargo, Moorhead and West Fargo news, weather and sports](#)

### **New Mexico**

- [Fueling the Hydrogen Revolution with RNG | Biomassmagazine.com](#)

### **New York**

- [Climate Action Councils in New York and Vermont hold public forums | WAMC](#)

### **North Dakota**

- [Farm Bureau sets carbon capture pipeline meetings in North Dakota - Agweek | #1 source for agriculture news, farming, markets](#)
- [NDFB to hold informational meetings on proposed carbon storage pipeline | Oil And Energy | willistonherald.com](#)

### **Pennsylvania**

- [GOP's energy promises face limits in Pa. governor's race - ABC News](#)

### **South Dakota**

- [Moody County Enterprise | A need to be organized](#)
- [Hundreds in S.D. get to intervene on CO2 project | KELOLAND.com](#)
- [Lincoln County Fields Summit CO2 Pipeline Concerns Landowners: South Dakota Carbon Capture](#)

### **Texas**

- [POLITICO Pro | Article | Houston seeks future as hub for carbon storage, hydrogen fuel](#)

### **West Virginia**

- [Will infrastructure vote save a GOP incumbent — or sink him? - E&E News \(eenews.net\)](#)
- [POLITICO Pro | Article | Manchin heads to Canada amid Keystone XL debate](#)

### **Wyoming**

- [UW breaks ground on carbon-block house | Construction | wyomingnews.com](#)
- [Carbon capture good for environment and Wyoming | Letters to the Editor | gillette news record.com](#)
- [Uinta County Herald | 4-15-2022 Uinta County Herald legal notices](#)

---

## **Upcoming events**

### **April 19**

- [New Orleans, LA Regional Carbon Management Applicant Education Workshop | USEA | United States Energy Association](#)

### **April 19**

- [Midwest Energy Policy Series: Infrastructure \(hybrid event\) Tickets, Tue, Apr 19, 2022 at 9:00 AM | Eventbrite](#)

**April 21**

- [Spring 2022 Conference Ticket - Appalachian Hydrogen Carbon Capture Conference \(appahydrogencarbon.com\)](#)

**April 26**

- [Salt Lake City, Utah Regional Carbon Management Applicant Education Workshop | USEA | United States Energy Association](#)

**April 26**

- [Energy Workforce & Community Participation in the New Energy Economy Registration, Tue, Apr 26, 2022 at 2:00 PM | Bipartisan Policy Center](#)

**May 10**

- [Hydrogen Hubs: Decarbonizing Industry, Transport and Power Generation](#)

**May 11 - 12**

- [Next Frontier Energy Summit – Wyoming Energy Authority \(wyoenergy.org\)](#)

**May 16**

- [Charting an Energy Transition Path Towards Economic Growth: ACCD and Team PA Event](#)

**May 25 – 26**

- [Turning Federal Investment into Action: Scaling Carbon Management Technologies and Infrastructure](#)

---

*To subscribe or request to add an event, news story, report, blog, or job posting to the update please reach out to Emma Thomley at [ETHomley@gpisd.net](mailto:ETHomley@gpisd.net) Want to read more carbon management updates, studies, and fact sheets? Visit us at [Carbon Capture Ready](#).*

**About this email:** You are receiving this message as part of newsletter subscription to the RDI Update. If you no longer wish to receive the weekly newsletter, you can email [ethomley@gpisd.net](mailto:ethomley@gpisd.net) to be removed from the list.