



REGIONAL CARBON CAPTURE DEPLOYMENT INITIATIVE

UPDATE

September 30, 2022

Register Now: New Speakers Announced for the Great Plains Institute's upcoming Carbon Action Alliance Launch

We're excited to announce newly confirmed speakers for the Carbon Action Alliance Launch, our upcoming event in New Orleans on Oct. 26. During the event, speakers will explore ways that labor, advocacy, and state governments can work together to address challenges surrounding carbon management, support project deployment, and benefit communities. Newly confirmed speakers are below, with more to be announced in the coming weeks:

- **Lee Anderson**, Government Affairs Director, Utility Workers Union of America, AFL-CIO
- **Lindsay Cooper**, Climate Initiative Project Manager, Louisiana Governor's Office
- **Tracy Evans**, Chief Executive Officer, CapturePoint LLC
- **Anna Fendley**, Director of Regulatory & State Policy, United Steelworkers (USW)
- **Matt Fry**, Senior Policy Manager, Great Plains Institute
- **Matt Hagen**, Matt Hagen, Government Relations Manager and Senior Business Development Manager for Global CO2 Solutions, Air Products
- **Dr. Rudra V. Kapila**, Senior Policy Advisor for Carbon Management, Third Way
- **Matt Kittell**, Senior Investment Officer, Loan Program Office, U.S. Department of Energy
- **Kim Marousek**, Director of Planning, Louisiana Center for Planning Excellence
- **Kevin Pranis**, Marketing Manager, Laborers' International Union of North America (LIUNA), Minnesota and North Dakota
- **Dr. Simone H. Stewart**, Industrial Policy Specialist, Climate & Energy Policy, National Wildlife Federation
- **John Thompson**, Technology and Markets Director, Clean Air Task Force
- **Lori Weigel**, Principal, New Bridge Strategy

The Action Alliance Launch is an in-person event in New Orleans, LA on Oct. 26. **Learn more about the agenda and register for the *Carbon Action Alliance Launch* [here](#).**

Second West Virginia Hydrogen Hub Created

The Appalachian Regional Clean Hydrogen Hub (ARCH2) was announced this week, with Allegheny Science & Technology, Batelle, EQT Corporation, GTI Energy, and the State of West

Virginia leading its formation. The hub would be based in West Virginia and is expected to cooperate with partners in Kentucky, Ohio, and Pennsylvania. Over 40 organizations have signed on to participate in the hub which joins the [West Virginia Hydrogen Hub Coalition](#) as the second proposed hub in the region.

The hub would be funded through the recently released Department of Energy [funding opportunity announcement \(FOA\)](#), which contains up to \$7 billion for 6 to 10 hydrogen hubs. The FOA requires project concept papers to be submitted by November 7, 2022, with funding to be awarded in the fall of 2023.

Read more and view the Appalachian Regional Clean Hydrogen Hub participants [here](#).

Clean Air Task Force Overviews Current State of US Carbon Capture

The Clean Air Task Force released an [informative blog](#) this week, giving an overview of the current state of US carbon capture development through project and policy updates. Overall, the passage of the Inflation Reduction Act and Infrastructure, Investments, and Jobs Act have provided much needed funding for projects, spurring project announcements and growth.

Key takeaways include:

- The U.S. is now on track to reduce emissions [32%-42% below 2005 levels](#)
- 27 new projects have been announced in 2022. Of these 27 new projects, six were DAC projects, nine industrial (two cement, one iron), seven power plants, and five storage projects.
- Louisiana (6), Texas (5), and Indiana (3) have had the most project announcements

View developing and operational projects in the US and globally on CATF's [project map](#).

Media Briefing on Inflation Reduction Act Hosted by Carbon Capture Coalition

On September 8, the Carbon Capture Coalition hosted an online [media briefing](#), along with NGO, labor and business leaders centered on the numerous carbon management provisions in the Inflation Reduction Act.

The briefing provided reporters covering energy, business, climate, environment, technology and policy with the opportunity to hear from carbon management policy experts about the related provisions in the Inflation Reduction Act, the enactment of which marked a "historic moment" for carbon management.

Read more about the inflation reduction act in this informative [fact sheet](#).

ICYMI DOE Announces Nearly \$5 Billion in Funding to Deploy Carbon Management Infrastructure

Last week, the Department of Energy (DOE) announced nearly \$5 billion in carbon management funding opportunities from investments made by the historic Bipartisan Infrastructure Law. The funding will support the implementation of three essential programs to build-out necessary carbon transport and storage infrastructure and drive the demonstration and widescale deployment of carbon management projects in key sectors, including heavy industry, power, and direct air capture.

Read more [here](#).

Join GPI's Carbon Management Team

The Great Plains Institute (GPI) is hiring a [Carbon Management Public Relations and Communications Strategist](#) to develop public relations and communications strategies and content aimed at building media, policymaker and constituency understanding and support for economywide deployment of carbon capture, removal, transport, use, and storage as essential to meeting climate goals and to support domestic high-wage jobs, energy and industrial production, and manufacturing.

Read more and apply [here](#).

News Roundup

- [Reuters retracts inaccurate article on ethanol GHG emissions | EthanolProducer.com](#)
 - [The U.S. oil executive making a big bet on combating climate change | Reuters](#)
 - [Activists gird for round two in Manchin permitting fight - E&E News \(eenews.net\)](#)
 - [With Manchin bill stalled, will FERC ever site power lines? - E&E News \(eenews.net\)](#)
 - [Equinor and Tallgrass team up to explore hydrogen in the US | Upstream Online](#)
 - [Halo - Louisiana, Oklahoma and Arkansas Push for Regional Hydrogen Hub as DOE Plan Advances | RBN Energy](#)
 - [Opinion | Old power plants can be retrofitted to new green facilities - The Washington Post](#)
 - [DOE seeds carbon capture tech deployment with \\$4.9b in funding \(power-eng.com\)](#)
 - [U.S. pushes for aviation emissions cuts at key summit meeting \(axios.com\)](#)
 - [At a Global Conference on Clean Energy, Granholm Announces Billions in Federal Aid for Carbon Capture and Emerging Technology - Inside Climate News](#)
 - [Shell leads push for carbon capture - Energy Live News](#)
 - [Trending: Carbon-Capture Innovators Continue Paving Path to Climate-Beneficial Future - Sustainable Brands](#)
 - [Tallgrass, Equinor Exploring U.S. Hydrogen, Ammonia Production, Transportation - Natural Gas Intelligence](#)
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Global News

- [High carbon prices spurring Europe's CCS drive | Upstream Online](#)[Carbon Capture Begins at India's Largest Coal Power Plant \(powermag.com\)](#)
 - [India Shows Regional Leadership in Steel Decarbonization at Global Clean Energy Action Forum \(ptinews.com\)](#)
 - [Fusion Fuel Announces €5 Million Tech Sale Contract for 3.2 \(globenewswire.com\)](#)
 - [Agreement between Belgian, Danish governments clears way for Europe's first North Sea CO2 storage trial \(worldoil.com\)](#)
 - [Indonesia's Pertamina plans carbon storage test by year end- director | Reuters](#)
 - [Entropy Inc. Provides Operational Update on Glacier CCS Project - Bloomberg](#)
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New podcasts, reports, statements & blogs

- [Carbon capture issues pose challenges for U.S. energy spending plans | IEEFA](#)
 - [DOE official hints at plans for direct air capture sites](#)
 - [Green Steel: Decarbonising with Hydrogen-Fueled Production \(visualcapitalist.com\)](#)
 - [Are Carbon Capture Projects Helping Us Meet Net-Zero Targets? \(azocleantech.com\)](#)
[The initiatives that are shaping the future for industrial decarbonization | Greenbiz](#)
 - ['We need to do everything we can': Drax sets out case for bioenergy and carbon capture and storage | BusinessGreen News](#)
 - [Summit Carbon Expands Financial Advisory Engagements \(summitcarbonsolutions.com\)](#)
 - [Research Finds that Some Rock Formations Could "Self-Heal" Fractures in the Presence of CO2 | netl.doe.gov](#)
 - [Understanding the US Supreme Court's Decision in West Virginia v. EPA - Great Plains Institute \(betterenergy.org\)](#)
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News in the States

Arizona

- [Going carbon neutral | ASU News](#)

California

- [Mainspring announces first 100% landfill biogas project in Yolo County, California | Bioenergy Insight Magazine \(bioenergy-news.com\)](#)

Colorado

- [Opinion: Colorado must move fast to keep pace on carbon capture \(coloradosun.com\)](#)

Illinois

- Illinois grapples with implementing 100% clean energy law – Energy Wire | Wirepoints
- Anti-carbon pipeline coalition asks Knox Co. to intervene | wqad.com
- Illinois residents fight for CO2 pipeline details | Energy News Network
- Residents in path of CO2 pipeline want more transparency | Energy News Network
- Carbon capture pipeline opponents bringing case to Knox Co. Board | wqad.com

Iowa

- Officials in 44 Iowa counties weigh in on carbon pipelines - Radio Iowa
- Woodbury County Judge sets hearing on injunction request from Navigator Heartland Greenway CO2 pipeline company (siouxcityjournal.com)
- Manchester city council approves resolution opposing carbon capture pipeline (kwch.com)
- Summit Carbon Solutions Says They've Secured Easements For More Than 72% Of Pipeline Route In O'Brien County – KIWARadio.com

Louisiana

- Our Views: For a healthier planet, carbon capture wells are needed | Our Views | nola.com
- Carbon capture faces ferocious pushback in parts of Louisiana: 'Help us stop this, man' | Environment | theadvocate.com
- Residents, officials voice opposition to potential carbon capture facilities in Livingston Parish | Unfiltered with Kiran | Baton Rouge News
- St. Helena imposes moratorium on carbon capture injection wells; Livingston debates issue | Environment | theadvocate.com

New Mexico

- San Juan Generating Station to shut down this week as future in limbo | IEEFA
- Looking back at the San Juan Generating Station and those who fought against it | The NM Political Report

North Dakota

- Proposed legislation would bar eminent domain for CO2 pipelines in North Dakota, Senate candidate says - InForum | Fargo, Moorhead and West Fargo news, weather and sports
- Coal Country bets on carbon capture moonshot - InForum | Fargo, Moorhead and West Fargo news, weather and sports
- Maintaining U.S. energy security by cracking the code on carbon capture, utilization and storage - Washington Times
- University of North Dakota researchers awarded funding for clean energy efforts | Bioenergy Insight Magazine (bioenergy-news.com)

Pennsylvania

- Pittsburgh could be home to a lab researching direct air capture of carbon emissions | 90.5 WESA
- Pittsburgh's Transformation Draws Global Clean Energy Conference to Town - Blue Sky PIT News Site

Texas

- NRG sells stake in Petra Nova carbon capture project to Japanese company for \$3.6 million (houstonchronicle.com)
- Expert keynote speakers talk CCUS and tax credits at GEI's Carbon+Intel Forum (worldoil.com)
- Texas must implement carbon capture (dallasnews.com)
- Caddo Sustainable Timberlands, LP Announces First Carbon Capture and Storage Transaction, Targeting Permanent Sequestration of More Than 9M Tons of CO2 Annually | Business | valdostadailytimes.com
- Dastur Selected by the US Department of Energy for Front End Engineering Design (FEED) of an Industrial Scale Carbon Capture Project for the Production of Clean Hydrogen on the US Gulf Coast | Business | The Daily News (galvnews.com)

West Virginia

- E&E News | Article | Brownfields hearing focuses on EJ, rural areas (politicopro.com)
- State of West Virginia Brings Together Major Energy Companies and Leading Energy Technology Firms to Develop a Clean Hydrogen Hub in the Region - Hydrogen Central (hydrogen-central.com)
- Manchin Applauds \$7 Billion Department of Energy Carbon Capture, Transport and Storage Infrastructure Investment - EIN Presswire (einnews.com)
- [West Virginia Hydrogen Hub Coalition Supports Creation of Appalachian Regional Clean Hydrogen Hub \(senate.gov\)](#)
- Another hydrogen coalition — this one in West Virginia — launches to chase federal funding | Pittsburgh Post-Gazette

Wyoming

- World's Biggest Carbon Capture Project Has Set Its Sight On Wyoming | IFLScience
- State has high hopes for huge carbon capture project (trib.com)
- Local carbon capture project expects to be world's largest - Green River Star
- Casper firm has big plans for air capture | Regional News | thesheridanpress.com

Upcoming events

October 4 - 5

- [American Carbon Capture Utilization and Storage Forum \(uscarboncaptureforum.com\)](#)
The forum will gather all relevant stakeholders from energy companies, government and research sectors as well as solution providers where experts will have an opportunity to present their perspective, share latest findings and raise important questions.

October 13

- [DE-FOA-0002738: Carbon Capture Demonstration Projects Program](#)
DOE's Office of Clean Energy Demonstrations (OCED) and Office of Fossil Energy and Carbon Management (FECM) are co-hosting an informational webinar to provide an overview of their recently announced Carbon Capture Demonstration funding. The webinar will cover the Carbon Capture Demonstration Projects Program funding opportunity, submission requirements, and the application and merit review process.

OCCED Carbon Capture Project Manager, Liz Moore, will provide remarks, and the webinar will be recorded.

October 18

- [Midwest Regional Carbon Conversion/Utilization Procurement Grant Workshop | USEA | United States Energy Association](#)

Therefore, the Carbon Conversion/Utilization Program, with the assistance of the United States Energy Association (USEA), will conduct a series of workshops (both virtual and in-person) with relevant stakeholders, e.g., product manufacturers, eligible entities, or their representative national organizations (e.g., United States Conference of Mayors, etc.) to solicit input and ideas on challenges and opportunities for a potential grant program.

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 Want to read more carbon management updates, studies, and fact sheets? Visit us at [Carbon Capture Ready](#).

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