



REGIONAL CARBON CAPTURE DEPLOYMENT INITIATIVE

UPDATE

March 24, 2023

Council on Environmental Quality Announces CCUS Permitting Task Forces Announcement by White House Council on Environmental Quality

On March 24, 2023, the White House Council on Environmental Quality *announced* the formation of two task forces to improve the performance of the permitting process for carbon management projects on federal and non-federal lands. Mandated by the bipartisan Utilizing Significant Emissions with Innovative Technologies (USE IT) Act, these task forces will be critical to help ensure regulatory frameworks enable efficient, orderly, and responsible deployment of the full suite of carbon management projects and related infrastructure.

Matt Fry, Great Plains Institute's Senior Policy Manager was appointed to the Carbon Dioxide Capture, Utilization, and Sequestration Federal Lands and Outer Continental Shelf Permitting Task Force.

Read more of the Carbon Capture Coalition's statement [here](#).

EPA Announces Louisiana Class VI Primacy Request Moving Forward

On Monday, EPA Administrator Michael Regan sent a letter to Louisiana Governor John Bel Edwards (D) indicating that the agency plans to complete its review of the state's application for Class VI primacy by May of 2023. Administrator Regan indicated that there will be a 60-day public comment period following the agency's decision on Louisiana's primacy application.

Notably, Administrator Regan's letter indicates an agreement with the Louisiana Department of Natural Resources and EPA's Region 6 to include "safety and environmental burden considerations ... such as site selection for the various components of CCS projects." Regan further states that "Louisiana's agreement to incorporate language around coordination for Class VI injection well site closure and building a robust environmental justice program ... will serve as an example for future Memorandum of Agreements between EPA and other states seeking Class VI primacy."

You can read Administrator Regan's full letter [here](#).

DOE Seeking Reviewers for Community Benefit Plans & Justice40 on FOAs

The Department of Energy (DOE) is looking for a diverse pool of individuals to review the Community Benefit Plans sections (i.e., diversity, equity, inclusion, and accessibility (DEIA); environmental justice (EJ) & Justice40; quality jobs; and community engagement) of funding opportunity announcements (FOAs) and is inviting individuals with expertise in these areas to apply to serve as a reviewer.

To review for the Office of Fossil Energy and Carbon Management (FECM), send resumes to SCI_FECM@NETL.DOE.GOV. More information can be found [here](#). To review for the Office of Clean Energy Demonstrations (OCED), please register [here](#):

IPCC Report

The new IPCC report stresses need for CO₂ capture and CDR, [Carbon Herald, March 21](#)

Join GPI's Team as a Carbon Management State and Regional Associate or Intern

The Great Plains Institute's carbon management team is looking to hire a [State and Regional Carbon Management Program Associate](#) to provide program assistance and administrative support across the carbon management team's projects. The associate will have primary responsibility for administrative and support tasks and take the lead in planning the State and Regional Carbon Management project meetings and events.

We're also hiring a [Carbon Management Communications Intern](#) and a [Carbon Management Research Intern](#) and would greatly appreciate it if you could share these job listings with your stakeholder networks. Please feel free to reach out with any questions about these positions.

LSU Report Shows Carbon Capture Benefits to Louisiana

The report, prepared for Gulf Coast Sequestration, estimates the regional and national economic implications of GCS's planned carbon capture and sequestration hub. could abate climate damage, support jobs and workers, and protect the energy industry by capturing industrial carbon emissions and storing carbon dioxide permanently underground.

ICYMI National Energy Technology Laboratory announces new Direct Air Capture Center

The National Energy Technology Laboratory (NETL) recently announced that they will be opening a new Direct Air Capture Center at NETL's Pittsburgh campus which is scheduled to begin operations in the Summer of 2024. The center will focus on accelerating the deployment of direct air capture technologies through research into their performance in varying climates, both testing for diverse temperatures and humidities.

You can read more about NETL's new center in their announcement [here](#).

News Roundup

- [A Report Shows Planned Carbon Capture Hub Can Abate \\$11.3B In Climate Damages \(carbonherald.com\)](#)
 - [GE and Svante Announce Collaboration to Develop Carbon Capture Technology for Power Generation | GE News](#)
 - [A Different Kind of Pipeline Project Scrambles Midwest Politics - The New York Times \(nytimes.com\)](#)
 - [How Does Carbon Capture Work? - The New York Times \(nytimes.com\)](#)
 - [Carbon Direct Launches End-To-End Carbon Management Platform \(carbonherald.com\)](#)
 - [Governments battle over carbon removal and renewables in IPCC report \(climatechangenews.com\)](#)
 - [EPA urged to increase support for US carbon capture projects \(gasworld.com\)](#)
 - [EPA must fast track permitting for carbon capture projects, say PA Chamber, industry groups, Pennsylvania Business Report, March 16](#)
 - [US industry groups urge EPA to expedite state authority over carbon capture permits, Upstream, March 15](#)
 - [Technology not to blame for carbon capture's failure to launch, advocates say | S&P Global Market Intelligence \(spglobal.com\)](#)
 - [Baker Hughes signs direct air capture deal with HIF Global, Gasworld, March 8](#)
 - [Decarb Conference Names 2023 CO2 Utilization Award Nominees \(carbonherald.com\)](#)
 - [Carbon Clean expands into U.S. to meet booming demand for carbon capture technology \(worldoil.com\)](#)
 - [Accelerating decarbonization with direct air capture, NETL, March 6](#)
 - [Quantum computing quests for carbon capture compounds \(gasworld.com\)](#)
 - [Occidental's Direct Air Capture Plant To Use Siemens Energy Compressors \(carbonherald.com\)](#)
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Global News

- [Ports of Stockholm eyes carbon capture and storage hub | Seatrade Maritime \(seatrade-maritime.com\)](#)
- [BP ties up with PetroChina to develop CCUS cluster in southern China | Upstream Online](#)
- [CEMBUREAU welcomes net zero industry act | World Cement](#)
- [Oil sector carbon capture subsidies already on par with US: research | Financial Post](#)
- [China Could Add Carbon Capture To Its Emission Reduction Market \(carbonherald.com\)](#)
- [China launches construction of first offshore CO2 storage project - Global Times](#)
- [POSCO International chooses CCS as growth engine \(gasworld.com\)](#)
- [UK will fail net zero 'unless carbon capture rolled out at scale', Gasworld, March 10](#)
- [Carbon capture projects tackling climate change | Climate Crisis News | Al Jazeera](#)
- [Baker Hughes signs direct air capture deal with HIF Global \(gasworld.com\)](#)
- [Experts pin bigger green hope on CCUS - Chinadaily.com.cn](#)
- [Wärtsilä receives first order for CCS-ready scrubber system \(gasworld.com\)](#)
- [Britain pledges 20 bln pounds to capture carbon emissions | Nasdaq](#)
- [UK will fail Net Zero 'unless carbon capture rolled out at scale' \(gasworld.com\)](#)

- [Petronas, JOGMEC form renewable energy, carbon capture initiative | Offshore \(offshore-mag.com\)](#)
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New podcasts, reports, statements & blogs

- [New process gives CO2 conversion more “bang for the buck” \(gasworld.com\)](#)
 - [Carbon removals are an important tool to reach our climate goals – EURACTIV.com](#)
 - [Quantum computing quests for carbon capture compounds \(gasworld.com\)](#)
 - [New solvent could ‘transform’ gas separation and carbon capture \(gasworld.com\)](#)
 - [Applications Open For The New Google Carbon Removal Research Awards \(carbonherald.com\)](#)
 - [Climate change: Can we really take CO2 back out the air? - BBC Future](#)
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News in the States

California

- [RFA submits comments to CARB regarding proposed LCFS changes : Biofuels Digest](#)

Illinois

- [Talks of the Navigator carbon capture pipeline are extending beyond the original footprint and into the Heart of Illinois | Northern Public Radio: WNIJ and WNIU](#)
- [ADM to expand carbon capture sequestration underneath Decatur | WRSP \(foxillinois.com\)](#)

Indiana

- [Carbon capture pilot project could get state support in Indiana \(indystar.com\)](#)

Iowa

- [Iowa Poll: Strong majority opposes using eminent domain for carbon-capture pipelines \(Des Moines Register\)](#)
- [Study: \\$1 billion in Iowa farm income at risk without carbon capture pipelines | Successful Farming \(agriculture.com\)](#)

Louisiana

- [LSU Report Estimates that Gulf Coast Sequestration's Carbon Capture and Sequestration Project Could Deliver Nearly \\$700 Million in Earnings for U.S. Workers | Business Wire](#)
- [Bill would end eminent domain for carbon capture pipelines | New Orleans' Multicultural News Source | The Louisiana Weekly](#)
- [CapturePoint will invest in Louisiana CCS infrastructure, Greater Baton Rouge Business Report, March 7](#)
- [Climeworks, Heirloom, Battelle join forces on direct air capture \(axios.com\)](#)
- [Louisiana's Request To Oversee CO2 Storage Projects Moves Forward \(carbonherald.com\)](#)
- [LSU report touts potential of planned carbon capture hub in Calcasieu Parish \(businessreport.com\)](#)

- [With \\$1.7B IPL Deal, CF to Expand Louisiana Ammonia and CCS Projects - Natural Gas Intelligence](#)
- [Milestone Carbon plans carbon capture, sequestration facility in Louisiana - UPI.com](#)

Minnesota

- [Minn. startup uses plants to trap CO2 emissions | Energy News Network](#)

Nebraska

- [Midlands Voices: Carbon capture utilization and storage technology critical to Corn Belt farms' profitability \(omaha.com\)](#)

North Dakota

- [Project Tundra targets world's largest CCUS power plant \(gasworld.com\)](#)
- [Safety concerns for Bismarck area dominate first Summit carbon pipeline hearings - Agweek | #1 source for agriculture news, farming, markets](#)

Pennsylvania

- [Pennsylvania wants to regulate carbon dioxide storage wells, state plans to tell the feds | Pittsburgh Post-Gazette](#)

Texas

- [Petra Nova seeks to reboot industrial carbon capture \(houstonchronicle.com\)](#)
- [Oceans capture carbon and new businesses could fight climate change \(houstonchronicle.com\)](#)
- [CERAWEEK-Chevron, Talos Energy triple size of proposed Texas carbon hub, Reuters, March 6](#)
- [Oxy Subsidiary Says Gulf Coast CCS Hub to Enter Service by 2026, Natural Gas Intelligence, March 7](#)
- [Bayou Bend CCS project increases its acreage | Hydrocarbon Engineering](#)
- [Occidental's Direct Air Capture Plant To Use Siemens Energy Compressors \(carbonherald.com\)](#)
- [Carbon storage project spreads its wings onshore positioning itself as 'one of the largest' in U.S. - Offshore Energy \(offshore-energy.biz\)](#)

Upcoming events

April 25-27

- [About CCUS 2023 \(ccusevent.org\)](#)
Plan now to attend Carbon, Capture, Utilization, and Storage (CCUS) 25–27 April 2023 at the University of Houston in Houston, Texas. Themed "An Emerging Field for Energy Professionals," this in-person event will unite AAPG, SPE, and SEG and highlight current CCUS work and address related challenges, including Subsurface Geologic Storage, CO₂ Enhanced Hydrocarbon Recovery, Reservoir Monitoring and Risk Assessment, Case Studies, Industry Applications, Economics, Incentives, and Policy Infrastructure.

May 9

- [2023 D.C. Forum on CCS - Global CCS Institute](#)
The Global CCS Institute will hold its 11th Annual D.C. Forum on Carbon Capture and Storage in Washington D.C. and online. The D.C. Forum is an opportunity for policymakers,

industry leaders, NGOs, journalists, and financial institutions, to gather and discuss the rise of CCS, as well as the urgency of increasing support for the enabling conditions needed to take it to scale.

About the Regional Carbon Capture Deployment Initiative: The Regional Carbon Capture Deployment Initiative brings together state officials with diverse industry, NGO, labor, and other stakeholders to promote broad scale deployment of infrastructure for carbon management. The Initiative is staffed by the Great Plains Institute (GPI), a nonpartisan nonprofit working to transform the energy system to benefit the economy and environment. Looking for more carbon management updates, studies, and fact sheets? Visit us at [Carbon Capture Ready](#) and read previous newsletters in our Action Alliance's [newsletter archive](#).

Subscribe or request to add an event, news story, report, blog, or job posting to the update by reaching out to [Emma Thomley](#). Looking for more carbon management updates, studies, and fact sheets? Visit us at [Carbon Capture Ready](#) and read previous newsletters in our Action Alliance's [newsletter archive](#).