



REGIONAL CARBON CAPTURE DEPLOYMENT INITIATIVE

UPDATE

February 11, 2022

GPI Launches Carbon Management Legislative Tracker

The weekly Regional Carbon Capture Deployment Initiative updates will now include a summary of carbon management-related legislation that has been introduced in 2022 legislative sessions around the country. The reports include information on bill title, number, status, sponsor, last action, and short takeaways on bills' relevant portions to carbon management. The report will be updated as the legislation sessions continue, we identify more relevant bills, and refine the bill descriptions.

Following this update, RDI stakeholders should receive a separate email with a link to the report. The link to this week's report can also be found [here](#).

DOE Announces New Organizational Structure to Implement Infrastructure Law

The US Department of Energy (DOE) announced this week a new organizational structure aimed at optimizing the agency's efforts to implement the energy-related provisions of the Infrastructure Investment & Jobs Act and the Energy Act of 2020.

A new Undersecretary for Infrastructure will oversee the Loan Program Office and the new Office for Clean Energy Demonstration, among others. In addition, DOE will establish a Grid Infrastructure Office, State and Community Energy Program office, and an Office of Manufacturing and Energy Supply Chains.

[Click here](#) to read DOE's announcement of the changes. [Click here](#) to view DOE's new organizational chart.

Kentucky Establishes Regional Hydrogen Hub Workgroup

Kentucky Governor Andy Beshear and Kentucky Energy and Environment Cabinet (EEC) Secretary Rebecca Goodman recently [announced](#) the formation of Kentucky's Regional Hydrogen Hub Workgroup. The workgroup will develop projects eligible for funding under the Infrastructure Investment and Jobs Act and contains stakeholders from academic institutions, individuals, organizations, and business focused on hydrogen production, transportation, delivery, and end use utilization opportunities.

The workgroup first met Friday, January 28.

Email the Kentucky Office of Energy Policy at energy@ky.gov for virtual meeting information.

Pennsylvania CCUS Co-Sponsorship Memo

The Pennsylvania House Legislature [released a memorandum](#) on Carbon Capture and Storage Enabling Legislation on Feb 3. The memorandum asserts that Pennsylvania needs to continue encouraging investment in new and emerging technologies including carbon capture and storage. The state is a leader in natural gas production and primed to attract investment in carbon management, creating energy sector jobs and an improved environment.

The memorandum also asserts that Pennsylvania needs to create a clear permitting and regulatory environment for carbon capture and storage projects.

News Roundup

- [E&E News | Article | Senate sets hearing on future of 'clean' hydrogen energy \(politicopro.com\)](#)
- [U.S. carbon pipeline proposals trigger backlash over potential land seizures | Reuters](#)
- [A Climate Opportunity - The New York Times \(nytimes.com\)](#)
- [Bill Gates invests in carbon capture startup after tech breakthrough | The Seattle Times](#)
- [Power plant rule signals future environmental justice tack - E&E News \(eenews.net\)](#)
- [Factbox: Biden administration sees carbon capture as key tool in climate fight | Reuters](#)
- [Cormetech Selected to Optimize Point Source Capture to Decarbonize the Natural Gas Power and Industrial Sectors Using Carbon Capture | Business Wire](#)
- [Equinor and Battelle to Study Turning Appalachian Basin Into CCS Hub - Natural Gas Intelligence](#)
- [E&E News | Article | Companies plan to build CCS, hydrogen hub in Appalachia \(politicopro.com\)](#)
- [Risk Management of Carbon Capture Storage \(natlawreview.com\)](#)
- [The Carbon to Value Initiative and Fluor Announce Year Two of the Carbontech Accelerator Program \(yahoo.com\)](#)
- [U.S. Department of Energy puts up \\$28M for clean hydrogen R&D - Daily Energy Insider](#)
- [Dr. Julio Friedmann Joins Carbon Direct as Full-Time Chief Scientist - EIN Presswire \(einnews.com\)](#)
- [Appropriators reach 'framework' deal on fiscal 2022 spending - Roll CallUtilities vow to work with Biden on 'Build Back Better' - E&E News \(eenews.net\)](#)
- [Here comes the social cost of carbon. Will it address EJ? - E&E News \(eenews.net\)](#)
- [White House Sees Greening Power Sector Even if Court Hobbles EPA \(bloomberglaw.com\)](#)
- [Capturing carbon is the future - Resource Works](#)
- [Democrats nudge Biden to prioritize climate 'chunk' of Build Back Better agenda | U.S. & World | denvergazette.com](#)

- [U.S. Department of Energy Announces Up to \\$96 Million to Advance Carbon Capture Technologies for Natural Gas Power and Industrial Sectors | Department of Energy](#)
 - [Acquiring and Defending Carbon Storage Rights | King & Spalding - JDSupra](#)
 - [More than 23 GW of coal capacity to retire in 2028 as plant closures accelerate | S&P Global Market Intelligence \(spglobal.com\)](#)
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Global News

- [Australian LNG group unveils giant outback carbon capture reservoir | Financial Times \(ft.com\)](#)
 - [Delta CleanTech Announces CO2 Capture Modeling Agreement with AspenTech \(yahoo.com\)](#)
 - [Aker Carbon Capture and Dan-Unity CO2 to explore solutions for maritime transport of CO2 \(prnewswire.com\)](#)
 - [Japan's K Line Joins Carbon Capture Research Body - Ship & Bunker \(shipandbunker.com\)](#)
 - [Scrubber alternative can now capture carbon emissions on vessels - FreightWaves](#)
 - [Sinopec completes China's first large carbon capture plant \(acs.org\)](#)
 - [Shell to provide carbon capture technology to help decarbonise UK industrial cluster | Upstream Online](#)
 - [Indigenous communities look to become big players in Alberta's carbon sequestration | The Star](#)
 - [jncasr: Bengaluru too to get national centre for carbon capture & utilisation; JNCASR got nod same day as IIT-B - Times of India \(indiatimes.com\)](#)
 - [Dastur Energy and GTI to Develop Commercial-Scale, Low-Carbon Gasification Solutions in India | Business Wire](#)
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New podcasts, reports, statements & blogs

- [Catalyst podcast: The many pathways to decarbonizing... | Canary Media](#)
- [Solid sorbent captures carbon \(scitation.org\)](#)
- [Acquiring and Defending Carbon Storage Rights | King & Spalding - JDSupra](#)
- [Schneider Electric : How Will Carbon Capture, Utilization and Storage \(CCUS\) Contribute to the Global Temperature Goal of 1.5°C? | MarketScreener](#)
- [Certain CCUS Projects Now Eligible for Financing with Tax-Exempt Bonds | Bracewell LLP - JDSupra](#)
- [Way Down in the Hole - Everything You Need to Know About CO2 and Carbon Capture | RBN Energy](#)
- [Computing carbon storage: Researchers identifies factors for safe and effective carbon capture and storage \(phys.org\)](#)
- [Capturing carbon is the future - Resource WorksLegal News & Business Law News | National Law Review \(natlawreview.com\)](#)
- [CRES-White-Paper-vol-1-US-Climate-Global-Emissions-Feb-4-2022.pdf \(cresforum.org\)](#)

News in the States

Alabama

- [Denbury Enters Into CO2 Sequestration Agreement With Natural Resource Partners L.P. | News | bakersfield.com](#)
- [Denbury prepares carbon sequestration site in Alabama | Upstream Online](#)
- [Denbury, NRP Partner on Alabama CCS Site \(spe.org\)](#)

Arizona

- [Zero carbon future could be within reach for Arizona | Fronteras \(fronterasdesk.org\)](#)
- [Investing-in-Arizonas-future-Driving-equitable-low-carbon-economic-growth.pdf \(c2es.org\)](#)

Arkansas

- [Drax starts operations at Leola pellet plant in Arkansas | Biomassmagazine.com](#)

California

- [Turning carbon dioxide into gasoline efficiently | Stanford News](#)

Colorado

- [Court deals setback to oil companies in Colorado climate lawsuit | Energy News Network](#)
- [EnerCom and Colorado School of Mines Announce Keynote Panels, Presentations and Participating Companies for The Energy Venture Investment Summit, February 16 & 17, 2022 \(yahoo.com\)](#)
- [Exclusive Interview: Stephen Brooks, CCO of American Hydrogen – Comprehensive Hydrogen Development - Oil & Gas 360 \(oilandgas360.com\)](#)
- [The Energy Venture Investment Summit \(theenergyventuresummit.com\)](#)
- [BIG PIVOTS: An end almost in sight for the natural gas bridge – The Fort Morgan Times](#)

Delaware

- [Game-Changing Carbon Capture Technology To Remove 99% of CO2 From Air \(scitechdaily.com\)](#)

Florida

- [Florida to start rulemaking on 100% renewable energy by 2050 | Miami Herald](#)

Georgia

- [More than 23 GW of coal capacity to retire in 2028 as plant closures accelerate | S&P Global Market Intelligence \(spglobal.com\)](#)

Illinois

- [IL Farm Bureau To Hold Own Informational Meetings About Heartland Greenway Project – WLDS](#)
- [LanzaJet building second US SAF plant alongside Marquis Sustainable Aviation Fuel | Air Cargo World](#)
- [IL Farm Bureau To Hold Own Informational Meetings About Heartland Greenway Project | Western Illinois \(spotonillinois.com\)](#)

Iowa

- [Letter: Remember facts on carbon capture | Opinion | nwestiowa.com](#)
- [Summit Carbon Solutions files for pipeline permit in South Dakota - Agweek | #1 source for agriculture news, farming, markets](#)
- [Summit Carbon Solutions Advances in South Dakota \(prnewswire.com\)](#)
- [Next steps for Des Moines County supervisors on carbon capture pipeline \(thehawkeye.com\)](#)
- [Carbon pipeline projects apply for Iowa Utilities Board's approval despite counties, landowners' opposition \(siouxlandproud.com\)](#)

Kentucky

- [Appalachian Hydrogen and Carbon Capture Conference in April - EIN Presswire \(einnews.com\)](#)

Louisiana

- [US judge strikes down Biden climate damage cost estimate | Raleigh News & Observer \(newsobserver.com\)](#)
- [Editorial Roundup: Louisiana | Louisiana News | US News](#)
- [Louisiana's climate plan, the only one in the Deep South, gets passed. What's next? | WWNO](#)
- [Bob Marshall: We're spending \\$12 billion on this pollution reducing technology. It may not work. | Opinions and Editorials | nola.com](#)

Michigan

- [Michigan 2050 Carbon Neutrality Goal Could Be An Economic Engine - If It Avoids A Rush To Gas \(forbes.com\)](#)

Minnesota

- [With no statewide authority over carbon pipelines, Minnesota looks to update rules - Agweek | #1 source for agriculture news, farming, markets](#)
- [Carbon dioxide pipelines for Minnesota fall into regulatory black hole - StarTribune.com](#)

Missouri

- [U.S. agriculture secretary, during Missouri appearance, kicks off new \\$1B 'climate-smart' grant program | Politics | stltoday.com](#)

Nebraska

- [Some Nebraska landowners uneasy about carbon capture pipelines | KHGI](#)
- [Carbon capture facilities tax break bill faces opposition \(3newsnow.com\)](#)

New Jersey

- [Sam Rutzick column: Technology and innovation are the tools to beat global warming | Columnists | richmond.com](#)

New Mexico

- [Carbon capture will require massive pipeline construction - Albuquerque Journal \(abqjournal.com\)](#)
- [Debating the promise and perils of carbon capture in New Mexico - Albuquerque Journal \(abqjournal.com\)](#)
- [Senate tables law that would add hydrogen to New Mexico's list of renewable energy sources \(kunm.org\)](#)
- [Senate committee tables bill to declare hydrogen a renewable resource | The NM Political Report](#)
- [NM lawmakers propose bill to support CO2 capture from coal power \(currentargus.com\)](#)
- [Hydrogen incentives get cold reception in New Mexico | AP News](#)
- [PRESS RELEASE: Community, conservation groups unified in opposition to fossil gas hydrogen bills - San Juan Citizens Alliance](#)
- [Microsoft Word - SB0194.doc \(nmlegis.gov\)](#)
- [Lundstrom revives plan for hydrogen hub with new House bill | Legislature | New Mexico Legislative Session | santafenewmexican.com](#)

New York

- [New York climate policy comment deluge- POLITICO](#)
- [Dr. Julio Friedmann Joins Carbon Direct as Full-Time Chief Scientist - EIN Presswire \(einnews.com\)](#)

North Carolina

- [CSRWire - Duke Energy Expands Clean Energy Action Plan](#)

North Dakota

- [North Dakota hydrogen hub developers enter agreement with MHA Nation for natural gas supply - InForum | Fargo, Moorhead and West Fargo news, weather and sports](#)

Oregon

- [Clean Energy, Equity Goals to Reshape Oregon IRP Process | RTO Insider](#)

South Dakota

- [CCM | Summit Carbon Solutions Advances in South Dakota | CarbonCaptureMagazine.com](#)

- [SD landowners concerned about carbon dioxide pipeline land acquisition \(aberdeennews.com\)](#)

Tennessee

- [TVA Unveils Major New Nuclear Program, First SMR at Clinch River Site \(powermag.com\)](#)
- [Federal Officials Urge States to Prep for Millions in Infrastructure Funds | RTO Insider](#)

Texas

- [Late to the climate fight, Houston aims to change the strategy and slow the pace | TheHill](#)
- [We recommend in the Democratic primary for Texas Land Commissioner \(dallasnews.com\)](#)
- [Cluster, Texas: A Growth Story - Texas CEO Magazine](#)
- [Oxy CEO Vicki Hollub Reflects on Career, Climate, and Carbon \(spe.org\)](#)
- [The Carbon to Value Initiative and Fluor Announce Year Two of the Carbontech Accelerator Program \(prnewswire.com\)](#)

West Virginia

- [Sen. Capito backs nuclear power for West Virginia | WDVM25 & DCW50 | Washington, DC \(localdvm.com\)](#)
- [West Virginia to See Thousands of New Jobs from Build Back Better Act \[NRDC Analysis\] | NRDC](#)

Wyoming

- [E&E News | Article | EPA nears deal with Wyo. over massive coal plant \(politicopro.com\)](#)
- [The Energy Resources Council of Wyoming has approved three projects - Wyo4News](#)
- [Feds: We'll find 'right fit' for Wyoming coal community grant proposals | Regional News | thesheridanpress.com](#)
- [Gov. Gordon touts renewables | Town & County | jhnewsandguide.com](#)
- [Sen. Kinskey Discusses Governor's WIP Projects - Sheridan Wyoming](#)

Upcoming events

February 14

[Plugging Webinar | In To Federal Clean Energy Innovation Program | Third Way & CEBN](#)

February 15

[Webinar | The Future of Insurance: How Climate Change Is Reshaping the Insurance Landscape | Dynamo](#)

February 15

[Direct Air Capture Facility Development in the United States Registration, Tue, Feb 15, 2022 at 1:00 PM | Institute for Carbon Removal Law and Policy](#)

February 15 and 16

[The Energy Venture Investment Summit \(theenergyventuresummit.com\)](http://theenergyventuresummit.com)

February 22

[Engagement Call | National Environmental Justice Community Engagement Call | EPA](#)

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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