



REGIONAL CARBON CAPTURE DEPLOYMENT INITIATIVE

UPDATE

January 28, 2022

Carbon Capture Coalition held Media Briefing on Carbon Management Policy

The Carbon Capture Coalition hosted a virtual media briefing on January 19 to discuss carbon management provisions in recently passed and upcoming legislation. During the briefing, speakers outlined carbon management provisions in the newly-enacted bipartisan Infrastructure Investment and Jobs Act and discussed the latest developments on provisions in the Build Back Better Act. Speakers also gave a preview of the federal carbon capture policy agenda for 2022.

The conversation featured remarks from:

- National Wildlife Federation President and CEO **Collin O'Mara**,
- LanzaTech Vice President of Public Policy **Tom Dower**,
- United Steelworkers Director of Regulatory and State Policy **Anna Fendley**,
- Carbon Capture Coalition Public Policy and Member Relations Manager **Jessie Stolark**
- Carbon Capture Coalition External Affairs Manager **Madelyn Morrison**.

RENEWPR President Ben Finzel served as moderator.

Read more about the briefing: [here](#).

Clean Air Task Force Releases Map of US Carbon Management Projects

The Clean Air Task Force has released updated resources to track US carbon management projects. Their [US Carbon Capture Activity and Project Map](#) sizes projects by capture capacity and allows users to track by sector and storage. The map also identifies storage capacity across the US. A corresponding [table](#) contains almost 90 projects announced in the US, and lists specific information including project name, status, additional notes, and more.

The Clean Air Task Force started tracking new US carbon management projects in 2018 and plans to expand their tracking globally.

Wyoming Energy Authority Recommends Funding for State Carbon Management Projects

The Wyoming Energy Authority recently [announced](#) grant recommendations for two carbon management projects and one hydrogen production project in the state. These projects are at a commercially viable scale and will help Wyoming progress its carbon-based economy through establishing technical feasibility and economic viability and using existing resources and infrastructure. The three projects are listed below.

Eastern Wyoming Sequestration Hub

Tallgrass Energy will study the potential to sequester CO₂ in the Wyoming Denver-Julesburg Basin in support of developing a commercial scale sequestration hub in Eastern Wyoming.

Project Phoenix

North Shore Energy and Starwood Energy Group will develop an ammonia complex near Evanston, Wyoming. The complex would produce low-carbon ammonia and would permanently store CO₂ underground.

The 8RH2 Process for Producing Clean Hydrogen with Autothermal Reforming and Carbon Capture

8 Rivers will conduct a Pre-Front-End Engineering Design study for a new-build hydrogen plant in Evanston Wyoming to produce clean hydrogen with carbon capture and would store carbon underground.

The Wyoming Energy Authority will forward their funding recommendations to Wyoming Governor Mark Gordon for a final decision.

Read the story [here](#).

ICYMI: Upcoming GPI Webinars

Office of Clean Energy Demonstrations

The Carbon Capture Coalition, Regional Carbon Capture Deployment Initiative and Industrial Innovation Initiative are hosting a webinar about the newly established [Department of Energy Office of Clean Energy Demonstrations](#) on February 7, 2022, from 10:30 to 11:30 ET.

Register for the webinar [here](#).

Carbon and Hydrogen Hubs Atlas

The [Great Plains Institute](#) is hosting a virtual event on February 1, 2022, from 2:00 to 3:00 pm ET to mark the launch of their new publication, "*An Atlas of Carbon and Hydrogen Hubs for United States Decarbonization.*"

Register for the event [here](#).

News Roundup

- [Infrastructure Bill Paves the Way for New Energy Investments and Technology | King & Spalding - JDSupra](#)
Largest U.S. renewables developer: BBB not needed for goals - E&E

News (eenews.net)EPA prepares power plant emissions crackdown - Energy News Network

- Top U.S. oil states vie for carbon capture oversight to speed up permits | Reuters
 - Biden's Climate Envoy Endorses Natural Gas with CCUS as Long-term Energy Solution - Natural Gas Intelligence
 - Carbon Offsets Trading Could Go Two Very Different Ways - Bloomberg
 - BNEF: global investment in low-carbon energy transition hit \$755B in 2021; up 27% from 2020; electrified transport grew the fastest - Green Car Congress
 - Next justice unlikely to make a difference in climate law - E&E News (eenews.net)
 - Offshore wind farms could do double duty as carbon capture devices (fastcompany.com)
 - Congress is spending billions on carbon capture. Is it a climate savior or a boondoggle? - CBS News
 - Experts discuss carbon capture & utilisation solutions to combat climate change | Deccan Herald
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Global News

- Steven Guilbeault announces \$200 million for projects that cut carbon emissions | Financial PostSaipem, partners to boost Italy's carbon capture capacity | News | gasworld
 - Lehigh Cement signs MoU for Edmonton CCUS project (cemnet.com)
 - The Hydrogen Stream: Underground hydrogen storage for 1 MW electrolyzer in France – pv magazine International (pv-magazine.com)
 - Samsung Wins Approval for Carbon Capture System for LNG-Fueled Vessels (maritime-executive.com)
 - JAPEx and Petronas to jointly study CCS in Malaysia - Offshore Energy (offshore-energy.biz)
 - Gov't to propose carbon capture, storage project during G20 Presidency - ANTARA News
 - Equinor and SSE seek UK government funding for carbon capture power stations | Upstream Online
 - Decarbonization Tech Instantly Converts Carbon Dioxide to Solid Carbon (goodnewsnetwork.org)
 - INEOS advances net zero plans with low-carbon hydrogen plant | News | gasworld
 - Worley wins contract for Humber Zero carbon capture project | News | gasworld
 - Central Alberta being eyed for huge carbon capture project – Red Deer Advocate
 - EU Approves Funding for Northern Lights CCS (oedigital.com)
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New podcasts, reports, statements & blogs

- Scaling CCUS To Meet Net-Zero Goals (naturalgasworld.com)

- [Can we future-proof natural gas plants with hydrogen? | News | Eco-Business | Asia Pacific](#)
 - [Carbon Dioxide \(CO2\) Monitors Market In-Depth Analysis including key players Criticare Systems, Inc., GE Healthcare, Invivo, Masimo – Construction News Portal](#)
 - [Benefits of hydrogen blending in gas networks highly variable, study finds | E&T Magazine \(theiet.org\)](#)
 - [Remora Bets on Mobile Carbon Capture for Semitrucks \(treehugger.com\)](#)
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News in the States

Alaska

- [Alaska's Congressional Delegation Applauded for Infrastructure Bill Support | Van Nuys News Press](#)

Arizona

- [How to create a carbon-neutral Arizona | ASU News](#)
- [How does direct air capture work? An inventor of the carbon removal tech \(fastcompany.com\)](#)

Colorado

- [In Colorado, end almost in sight for the natural gas bridge - Colorado Newswire](#)

Illinois

- [Carbon pipeline proposal in Illinois | The 21st Show | Illinois Public Media](#)

Indiana

- [POET – Portland Completes Construction on Renewable CO2 Addition | DRGNews](#)

Iowa

- [County files objection to carbon pipeline | Harlan Newspapers \(harlanonline.com\)](#)
- [Buffett's MidAmerican Energy plans \\$3.9 billion wind, solar project \(cnbc.com\)](#)
- [Floyd County residents raise concerns over carbon pipeline | Govt. & Politics | globegazette.com](#)

Kansas

- [Storing excess energy in underground salt caverns in Kansas – pv magazine USA \(pv-magazine-usa.com\)](#)

Louisiana

- [Entergy examines options to green Louisiana LNG plant - reNews - Renewable Energy News](#)

- [Permit Requirements For Carbon Capture And Storage In Louisiana - Energy and Natural Resources - United States \(mondaq.com\)](#)
- [Louisiana Green Diesel Project Using CCS Advancing for Caldwell Parish Port - Natural Gas Intelligence](#)
- [LED confident blue hydrogen, carbon capture will reduce carbon footprint despite questions \(businessreport.com\)](#)

Minnesota

- [As Minnesota explores a clean fuel standard, there's pushback against ag - Agweek | #1 source for agriculture news, farming, markets](#)

Nebraska

- [Nebraska Unicameral examines changing how OPPD, NPPD utility CEOs selected \(1011now.com\)](#)
- [Carbon pipeline questions answered during open house | News | norfolkdailynews.com](#)

New Mexico

- [Lawmakers table bill to expand hydrogen power in New Mexico \(currentargus.com\)](#)
- [Support for Hydrogen Incentives Falters in New Mexico | New Mexico News | US News](#)
- [Governor's push for hydrogen hub in New Mexico faces serious challenges \(kunm.org\)](#)
- [Crude Summit: Chevron 'really positive' on Permian | Argus Media](#)
- [Democratic lawmakers seek incentives for hydrogen production | KOB 4](#)
- [Heartland Greenway holds public meeting to discuss a proposed pipeline in Siouxland \(ktiv.com\)](#)
- [Hydrogen Hub Development Act introduced in NM House of Representatives | The NM Political Report](#)

New York

- [CarbonQuest takes its technology to NYC > Spokane Journal of Business](#)

North Dakota

- [Project Tundra receives North Dakota Industrial Commission approval | The Mighty 790 KFGO | KFGO](#)
- [Project Tundra moves forward as North Dakota approves underground carbon dioxide storage - InForum | Fargo, Moorhead and West Fargo news, weather and sports](#)
- [Project Tundra gets its Class VI permit from North Dakota for storing carbon dioxide | Oil And Energy | willistonherald.com](#)
- [Carbon pipeline questions answered during open house | News | norfolkdailynews.com](#)
- [Legislators among visitors to carbon capture open house | Local News Stories | wahpetondailynews.com](#)
- [Burgum: One of world's largest data centers to locate in Williston area as industry targets growth in ND | North Dakota Office of the Governor](#)
- [Carbon dioxide pipelines unearth anxiety in farm country | Agri-Pulse Communications, Inc.](#)
- [GOP senator from North Dakota wants to tackle climate change | WVTF](#)

- [North Dakota officials approve 'world's largest carbon capture facility' | North Dakota | thecentersquare.com](#)

Oklahoma

- [Woodside enters FEED on H2 project - News - The Chemical Engineer](#)
- [Tulsa Regional Chamber announces legislative priorities for 2022 | Govt-and-politics | tulsaworld.com](#)

Pennsylvania

- [Game Commission seeks applicants for eastern Pa. commissioner - Pennsylvania Capital-Star \(penncapital-star.com\)](#)

South Dakota

- [Moody County Enterprise | Proposed pipeline draws concerns, few questions answered](#)

Tennessee

- [TVA Power Plant Supplies Carbon from Flue Gas for Beneficial Use \(powermag.com\)](#)
- [SkyNano turns TVA's carbon emissions into nanotubes, "black gold" \(knoxnews.com\)](#)

Texas

- [Opinion: We can clean up the carbon footprint without compromising the economy \(statesman.com\)](#)
- [Exclusive: JERA, U.S. arm of Japan's biggest power company, doubles down on Houston growth \(houstonchronicle.com\)](#)

West Virginia

- [GO-WV marks first anniversary at winter meeting, hears from state's D.C. lawmakers about fossil fuel issues \(yahoo.com\)](#)

Wyoming

- [Carbon capture, hydrogen projects gain funding from Wyoming agency - Power Engineering \(power-eng.com\)](#)
- [Tallgrass Awarded Grant by Wyoming for CCS Plant \(spe.org\)](#)
- [CO2 sequestration hub plans unveiled for Wyoming | News | gasworld](#)
- [Candidate for governor announces plan for Wyoming | Local News | wyomingnews.com](#)

Upcoming Events

February 1

- [Carbon and Hydrogen Hubs Atlas Release – Webinar Event | Great Plains Institute](#)

February 7

- [Webinar on Office of Clean Energy Demonstrations | Carbon Capture Coalition, Regional Carbon Capture Deployment Initiative, Industrial Innovation Initiative](#)

February 8

- [Exploring the Economic Potential of Hydrogen Energy | ICF](#)

February 9

- [Webinar: Investment vs Divestment: The Role of the Oil & Gas Industry in a Net-Zero Future | Bipartisan Policy Center \(bpcevents.cloudapp.net\)](#)

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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