



REGIONAL CARBON CAPTURE DEPLOYMENT INITIATIVE

UPDATE

August 19, 2022

President Biden Signs Inflation Reduction Act (IRA) of 2022

On Tuesday, President Biden signed the [Inflation Reduction Act of 2022](#) into law, which reinforces the essential role that carbon management technologies will play in our nation's broader climate strategy. The package includes \$369B in funding for climate and energy policies and will further incentivize economy-wide deployment of carbon management projects by providing investment certainty, additional credit value and the flexibility needed to drive greater private investment across multiple sectors.

- Read the Carbon Capture Coalition's IRA Factsheet [here](#).
- Read the Carbon Capture Coalition's Statement on IRA [here](#).

On Wednesday the White House released **state-by-state fact sheets** highlighting how the Inflation Reduction Act lowers energy costs, creates jobs, and tackles climate change across different regions of the US. Access the factsheets here: ([here](#))

US Steel, Shell, and Equinor to Collaborate to Advance PA Clean Energy Hub

US Steel, Shell, and Equinor announced this week that they have entered a non-exclusive cooperation agreement to advance a clean energy hub in the Pennsylvania, Ohio, and West Virginia region. The companies stressed how the development of the hydrogen hub will play a pivotal role in bringing the region new, sustainable jobs while reducing carbon emissions.

Equinor and Shell plan to jointly apply for US Department of Energy funding designated for the creation of regional clean energy hubs, while US Steel is evaluating the role it may play in the hub.

Associated news:

- [U.S. Steel, Shell, Equinor in clean energy collaboration - Pittsburgh Business Times \(bizjournals.com\)](#)
- [Shell, Equinor, US Steel team up to apply for federal hydrogen, carbon capture funding - Houston Business Journal \(bizjournals.com\)](#)

CF Industries and Mitsui & CO Plan Blue Ammonia & Carbon Capture Facility in Louisiana

CF Industries Holdings, Inc. announced this week that it is evaluating Ascension Parish in Louisiana for a proposed \$2 billion blue ammonia production facility. CF Industries will develop the facility with Mitsui & Co., Ltd and will use carbon capture to reduce carbon emissions during the ammonia production process. After finalizing the site and technology provider, the companies will begin a front-end engineering design (FEED) study and make a final investment decision in 2023.

LED FastStart, Louisiana's state workforce development programs estimates that the facility will create "103 direct new jobs in the Capital Region with an estimated average annual salary of \$110,582 plus benefits" and "result in 311 indirect jobs, for a total of 414 new jobs in the Capital Region."

Associated News:

- [CF Industries Announces Planned \\$2 Billion Carbon-Capture Ammonia Complex in Ascension Parish | Office of Governor John Bel Edwards \(louisiana.gov\)](#)
 - [\\$2B Carbon-Capture Ammonia Complex Planned for Ascension Parish - Biz New Orleans](#)
 - [CF Industries Eyes New Carbon-Capture Ammonia Complex | powderbulksolids.com](#)
 - [CCUS and hydrogen hub planned by US energy, steel sector | News | gasworld](#)
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News Roundup

- [E&E News | Article | Unions hope Biden's climate funding does more than Obama's \(politicopro.com\)](#)
- [Ethanol could get boost from carbon capture credits in Biden climate law | Reuters](#)
- [Summit carbon pipeline still on track, aims to boost regional ethanol, ag economies - Mitchell Republic | News, weather, sports from Mitchell South Dakota](#)
- [States jockey for position, launch partnerships as they vie for \\$8B of federal hydrogen funding | Utility Dive](#)
- [RC Technologies Unveils Roadmap for Spreading Its Decarbonization Hubs Across the Globe By 2023 \(newsfilecorp.com\)](#)
- [The Inflation Reduction Act gives carbon removal a big boost - Atlantic Council](#)
- [E&E News | Article | Biden expected to seek 50% carbon cut by 2030 \(politicopro.com\)](#)
- [US Oil Company Denbury Explores Options Including Sale - Bloomberg](#)
- <https://news.bloomberglaw.com/daily-labor-report/bidens-signing-of-climate-law-kicks-off-marathon-of-rulemaking>
- [How the New Climate Bill Would Reduce Emissions - The New York Times \(nytimes.com\)](#)
- [States Will Decide How Much Democrats' Historic Climate Deal Actually Cuts Emissions | HuffPost Latest News](#)
- [Oil industry gears up to tap U.S. climate bill for carbon capture projects | Reuters](#)
- [Effective carbon capture rate inflated, says IEEFA | News | gasworld](#)

Global News

- [UK shortlists 20 projects for CCUS clusters - News - The Chemical Engineer](#)
 - [Phillips 66 | Humber carbon-capture project shortlisted by UK government](#)
 - [The Gulf looks to carbon capture and hydrogen to drive the energy transition | Atalayar - Las claves del mundo en tus manos](#)
 - [Adnoc to embark on major carbon capture projects at existing gas plants | Upstream Online](#)
 - [CO2 capture project in Belgium will reduce industrial emissions by 15% | TheMayor.EU](#)
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New podcasts, reports, statements & blogs

- [Mission, Money, and Process Makeover: How Federal Procurement Can Catalyze Clean Energy Investment and Innovation | ITIF.](#)
 - [August 2022 Edition of Carbon Capture Newsletter Released | netl.doe.gov](#)
 - [Introduction to the AAPG thematic set on carbon capture, utilization, and storage | AAPG Bulletin | GeoScienceWorld](#)
 - [Carbon Capture & Removal Solutions Provider, Svante, Responds to the US's New Inflation Reduction Act | Business Wire](#)
 - [Special Report: DOE-OIG-22-39 | Department of Energy](#)
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News in the States

California

- [Governor Newsom's Ambitious Climate Proposals Presented to Legislature | California Governor](#)
- [S&C Advises California Resources Corporation on California Carbon Management Partnership with Brookfield Renewable \(sullcrom.com\)](#)
- [Newsom wants California legislators to pass the state's most aggressive climate package ever. Is there enough time? \(sfchronicle.com\)](#)
- [California governor proposes legislation to keep Diablo Canyon open : Energy & Environment - World Nuclear News \(world-nuclear-news.org\)](#)

Colorado

- [Carbon capture companies will gain from Inflation Reduction Act — Quartz \(qz.com\)](#)
- [How Democrats' climate bill will 'supercharge' Colorado's clean-energy efforts - Colorado Newsline](#)

Iowa

- [Summit loses effort to keep secret names of those in pipeline's path \(desmoinesregister.com\)](#)
- [Carbon capture pipelines will benefit from federal climate legislation | Iowa Public Radio](#)
- [Polk County supervisors considering carbon capture pipeline opposition \(desmoinesregister.com\)](#)
- [Johnson County Supervisors plan opposition to carbon capture pipeline \(press-citizen.com\)](#)
- [Public Meeting to Discuss CO2 Pipeline Set | Independence Bulletin Journal | communitynewspapergroup.com](#)

Louisiana

- See above story on: [CF Industries and Mitsui & CO Plan Blue Ammonia & Carbon](#)

New Mexico

- [Luján, N.M. lab directors cheer more money \(yahoo.com\)](#)
- [Press conference focuses on positive impact of CHIPS and Science Act | Discover Los Alamos National Laboratory \(lanl.gov\)](#)

North Dakota

- [Sen. Cramer tours Blue Flint Ethanol carbon sequestration project | EthanolProducer.com](#)
- [Sen. Cramer Tours Blue Flint Ethanol Carbon Sequestration Project, Attends Safety Tailgate with Construction Professionals \(senate.gov\)](#)
- [North Dakota aims to become carbon capture leader \(dakotane.wsx.com\)](#)

Ohio

- See above story on: [CF Industries and Mitsui & CO Plan Blue Ammonia & Carbon Capture Facility in Louisiana](#)

Pennsylvania

- See above story on: [CF Industries and Mitsui & CO Plan Blue Ammonia & Carbon Capture Facility in Louisiana](#)

South Dakota

- [Dakotafest audience hears carbon pipeline critics, proponents - Agweek | #1 source for agriculture news, farming, markets](#)

West Virginia

- See above story on: [CF Industries and Mitsui & CO Plan Blue Ammonia & Carbon Capture Facility in Louisiana](#)

Wyoming

- [New climate deal spurs hopes of more carbon storage projects | AP News](#)
- [Early hydrogen projects unimpeded by energy price volatility | Energy Journal | trib.com](#)

Upcoming events

August 23

[IEAGHG Webinar: Low-carbon hydrogen from natural gas: Global roadmap](#)

A webinar to discuss the IEAGHG Technical Report, Low-carbon hydrogen from natural gas: Global roadmap.

September 13 – 14

[Hydrogen Hubs: Building a Value Chain](#)

During this event communities in the hydrogen hub value chains will come together in one spot to discuss how to launch a new national hydrogen economy. Leaders from transportation, industrial gas distribution, pipeline, carbon-free hydrogen production technology and renewable energy communities—communities that normally don't communicate amongst themselves in the ordinary course of events—will be on hand to share their perspectives on what is needed to form an efficient and effective value chain to commercialize clean hydrogen production and distribution.

September 20

[Center for Hydrogen Safety Americas Conference](#)

This conference will bring together representatives from industry, government, and academia to highlight the safe use of hydrogen in commercial and industrial applications.

September 21 - 23

[Global Clean Energy Forum \(gceaf.org\)](#)

Directly following the UN General Assembly, the Global Energy Forum will convene governments representing most of the world's GHG emissions and 90% of public investment in clean energy, international organizations, clean energy financiers, industry leaders, unions, non-governmental organizations, young professionals and tech innovators. The purpose of this is to spur concrete action to implement clean energy deployment commitments that build on historic advancements in innovative technologies.

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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