

2024 Summary



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Message from Our Executive Director

2024 was a year marked by tipping points across clean energy deployment, and this also rang true for carbon management technologies. Project announcements in the US now number nearly 225; globally, there are 50 commercial projects operating, with another 44 projects under construction, and more than 530 in development.

The US is still arguably the leader in the development and deployment of these technologies, but the world is catching up to us, with new policy frameworks to support the deployment of these essential energy technologies emerging in Canada, China, and elsewhere.

At the same time, the deployment gap is widening—we know that we're not on track to meet carbon capture targets that would put us on the path to 2030 and, ultimately, 2050 emissions reduction targets. Of the announced projects, only a handful have progressed to final investment decision, a crucial project development milestone. To stay on track with the International Energy Agency's deployment goals, we'll need four times the amount of announced carbon capture capacity to come online between now and the end of the decade.

“The Carbon Capture Coalition is an integral resource to Calpine as its broad Coalition draws invaluable expertise from industry professionals, policy experts, and technology trailblazers. The Coalition has been instrumental in the negotiation of 45Q and we look forward to their support through the commercialization of these critical CCUS technologies.”

Barbara McBride, Calpine

Laying the policy and regulatory frameworks for the commercial deployment of these essential technologies requires further policy development from the Carbon Capture Coalition and our allies.

Reflecting on the 2024 election and the new Republican trifecta, the consistency that the Coalition brings to our mission through combined, coordinated, and collaborative legislative, regulatory, communications, and policy development efforts means that we're well-positioned for continued success in a new political environment.

As the Coalition enters 2025, our work is more critical than ever. I look forward to working with your organizations to advance our mission to reach economywide deployment of the full suite of carbon management technologies.



**Jessie Stolark, Executive Director,
Carbon Capture Coalition**



2024 Progress

In 2024, the Coalition continued its work across three pillars to enact and implement the supportive portfolio of carbon management technologies.

- ➔ **Education:** Providing educational resources to members, educating policy makers, media, and stakeholders on the essential role carbon management technologies play in supporting domestic energy, industry and manufacturing, high-wage jobs, and emissions reduction goals.
- ➔ **Convening power:** Leveraging the expertise of staff, consultants and members, the Coalition advanced the supportive policy framework across tax, regulatory, and implementation topics, as well as developing next-generation policy proposals through our 2025 Policy Blueprint development.
- ➔ **Joint advocacy:** Members and staff worked to advance Coalition legislative priorities across tax, appropriations, and permitting reform.

“The Carbon Capture Coalition’s broad membership represents the diversity of advocates in this sector committed to ensuring carbon management technologies scale. These diverse allies uniting in common cause made possible the enactment of the most significant carbon management federal policies to date through key provisions in the Bipartisan Infrastructure Law and essential enhancements to the 45Q tax credit.”

Coalition blog post, September 9

Education

In 2024, the Coalition continued to educate policymakers, media, and stakeholders on a wide variety of policy, regulatory, and technical topics related to the full suite of carbon management technologies.

Congressional Education Campaign

The Carbon Capture Coalition thrives on Capitol Hill due to the diverse breadth of our membership and our ability to unite toward a common cause. This included the Coalition’s second annual Capitol Hill Day! These meetings provided basic education to offices about the importance of carbon management technologies in driving economic development and supplying reliable American energy and emissions reductions. Additionally, Coalition members advocated for our top legislative priorities, including:

- Exploring the introduction of a marker bill to index [45Q for inflation](#)
- [The CCU Parity Act](#)
- [FY25 appropriations](#)
- [Permitting considerations](#)

In 2024 the Coalition:

Conducted a total of
90
congressional meetings

across
29
bipartisan state
delegations

with
63
individual offices
and committees

Convening Power

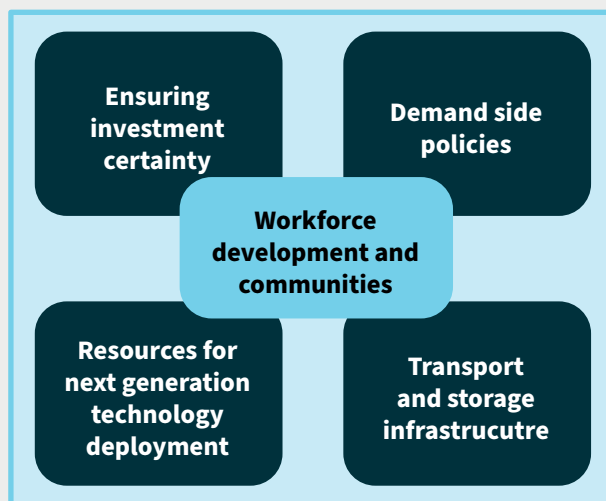
Through the Coalition’s varying Work Groups, the Coalition advanced the development, enactment and implementation of the supportive policy framework for carbon management technologies in 2024.

Formulating the 2025 Policy Blueprint

Released near the start of each Congress, the Coalition’s Federal Policy Blueprint outlines the Coalition’s policy platform necessary to realize domestic economywide deployment of carbon management technologies.

Throughout 2024, Coalition members and staff met multiple times to discuss what topics and priorities were important to include in the 2025 Blueprint. Discussion topics ranged from adjusting the 45Q tax credit for inflation to reauthorizing PHMSA and retooling CIFIA to make it more attractive to project developers. We are now in the drafting phase, with an anticipated publication date in February 2025.

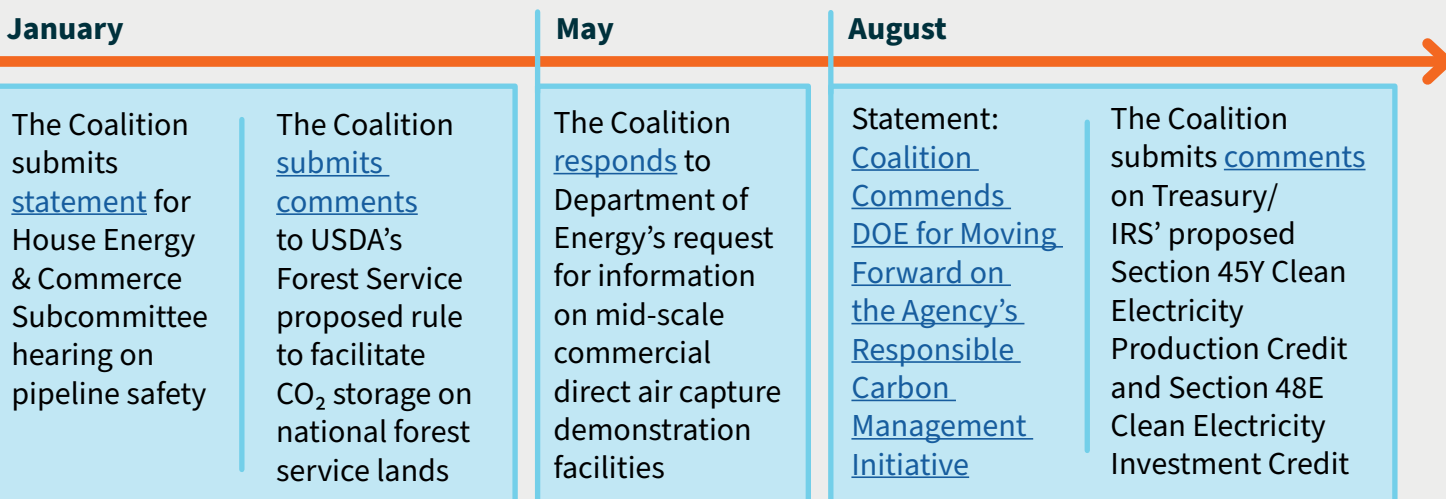
Vision for US Deployment of Carbon Management Technologies Across Sectors



Implementation of Enacted Carbon Management Laws

With the continued implementation of both the Bipartisan Infrastructure Law and the Inflation Reduction Act, supporting robust implementation of enacted carbon management laws has become a core activity for the Coalition. The Coalition has engaged policymakers, agency officials and worked in common cause with stakeholders to advance the necessary regulatory framework for the full suite of carbon management technologies.

Timeline of Coalition Action on Implementation



Joint Advocacy

Ahead of the general election, Coalition staff, consultants, and members spent 2024 laying the groundwork for continued success next year, especially ahead of expected tax debates in 2025.

→ **Tax:** The Coalition advocated for our top tax priorities that remained unfinished after the enactment of the Inflation Reduction Act including a technical correction to the [inflation index for the 45Q tax credit](#), and providing parity between credit levels for storage and utilization projects.

→ **Permitting:** Coalition staff convened conversations in the spring to discuss a legislative proposal to create an optional pathway for the siting and construction of interstate CO₂ pipelines through the Federal Energy Regulatory Commission. The proposal, developed in response to growing permitting challenges, mirrors and expands upon the [Coalition's Guiding Principles for Permitting Reform](#) which calls for an optional pathway for federal siting authority for interstate CO₂ pipelines. Coalition staff continue to express support for the proposal with Committee staff and key offices.



“The Carbon Capture Coalition has been an integral part of LanzaTech’s government advocacy efforts for many years because its diverse membership and knowledgeable staff know how to win support for carbon management.”

Jennifer Holmgren, LanzaTech

← **Appropriations:** In the spring of 2024, the Coalition developed and submitted [three fiscal year 2025 appropriations requests](#) to more than 50 congressional offices, one to increase funding to the DOE and two to report language requests focused on core Coalition priorities.

1. *Carbon Management funding:* Increase topline funding for carbon management technologies through the Office of Fossil Energy and Carbon Management at DOE;
2. *Class VI review timeline:* Recommending that the Environmental Protection Agency’s (EPA) Underground Injection Control (UIC) Program review and provide a final decision on individual Class VI injection well applications within 18 months of having been deemed ‘administratively complete.’
3. *45Q guidance:* Urging the US Department of Treasury to issue guidance on the most recent enhancements to the federal Section 45Q tax credit and finalize guidance associated with electing the federal Section 45Q tax credit under the utilization pathway, including addressing barriers to electing the credit.

Communications

Published

23

blogs

Nearly

45,000

website views

“Carbon management is a critical plank of the transition to a clean future. The Coalition provides an essential space for informed and respectful dialogue, creative problem-solving, and thoughtful strategy. It is also a place where climate goals are consistently at the forefront of all we do, and leadership is committed to realizing equitable, responsible implementation of carbon capture, removal, use, transport, and storage.”

**Shannon Heyck-Williams,
National Wildlife Federation**

[Carbon Capture Coalition Hosted Carbon Storage 101 Media Briefing](#)

The Coalition held a media briefing with reporters on carbon storage, to help both journalists familiar with the topic and newcomers alike better understand geologic storage.

[Carbon Capture Coalition & I³ Hosted Media Briefing on Carbon Management’s Role in Decarbonizing the Industrial Sector](#)

The Coalition briefed members of the media on carbon management technologies and strategies that will be needed to decarbonize heavy industry sectors, including steel, cement, chemicals, and aviation.

The Coalition [submitted memos](#) to presidential campaigns emphasizing the important role a strong carbon management policy framework will play in a broader domestic climate and energy policy portfolio.

Blog: [With November Election Approaching, Coalition Reflects on Bipartisan Support for Carbon Management](#)

[View our member website](#)

Password: ccc12345q

Issued

12

media statements on
Coalition priorities

Hosted

2

media
briefings

Sent

48

newsletters

Over

450

newsletter
subscribers



The Path Forward

Reflecting on our progress in 2024 and the outcome of the November election, the Coalition has prepared strategies and tactics to hit the ground running in 2025. During the 119th Congress and the Trump administration, the Coalition's messaging and approach will be as relevant as ever. In 2025, we'll work to push forward progress across our education, convening power and joint advocacy activities. A sampling of activities for 2025 includes:

- Working to defend the 45Q tax credits and funding for carbon management enacted under the Bipartisan Infrastructure Law
- Continuing to work towards ensuring the proper regulatory framework for the safe permitting and siting of CO₂ transport and storage
- Releasing our 2025 Policy Blueprint, which contains an ambitious platform of federal policies necessary to close cost gaps and achieve commercial liftoff of carbon management technologies
- Proactively communicate with policymakers, the media, and stakeholders on the role of carbon management in our domestic energy mix and our core policy priorities to advance the sector
- Releasing a new analysis on 45Q that explores policy options to ensure 45Q has the intended impact

Coalition Structure and Financials

In the fall, the Coalition Governance Board announced that the Coalition would transition to a dues model in calendar year 2026. Throughout its history, the Coalition's annual operating budget has primarily come from private philanthropic partners and, in more recent years, partially from the support of for-profit member organizations and trade associations.

- **Beginning in 2026, the Coalition will collect mandatory dues from our for-profit member organizations and trade associations.** To allow for the continued participation of our nonprofit and labor union members, these sectors will continue contributing to the Coalition in-kind and preserve our unique partnership between companies, labor unions, and non-profits.
- Additionally, **in 2025, the Coalition will launch a 501(c)4 organization, Carbon Capture Impact.** Carbon Capture Impact will be the political advocate for carbon management and Coalition legislative priorities. The Carbon Capture Coalition will continue as a 501(c)3 initiative of the Great Plains Institute and the Coalition staff members and Governance Board will oversee both the c3 and c4. This will provide needed flexibility and allow us continued success moving into our second decade of operations!

Staff & Consultants

- **Jessie Stolark**, Executive Director
- **Madelyn Morrison**, Director of Government Affairs
- **Christian Flinn**, Public Policy Manager
- **Leo Duke**, Communications & Member Relations Specialist
- **Sangeet Nepal**, Technology Specialist
- **Carrie Danner**, Program Coordinator
- **Ben Finzel**, Coalition Communications Consultant, RENEWPR
- **MJ Kenny**, Coalition Government Relations Consultant, KDCR Partners
- **Hunter Johnston**, Coalition Tax Consultant, Steptoe & Johnson LLP





**CARBON CAPTURE
COALITION**