

January 28, 2025

The Honorable Mike Johnson  
Speaker of the House  
H-232, The Capitol  
Washington, DC 20515

The Honorable John Thune  
U.S. Senate Majority Leader  
S-221, The Capitol  
Washington, DC 20510

The Honorable Hakeem Jeffries  
U.S. House Minority Leader  
H204, The Capitol  
Washington, DC 20515

The Honorable Charles Schumer  
U.S. Senate Minority Leader  
322 Hart Senate Office Building  
Washington, DC 20510

Speaker Johnson, Minority Leader Jeffries, Majority Leader Thune, and Minority Leader Schumer,

As business leaders and stakeholders representing the full diversity of the sectors making up the carbon management industry, we write to share our unwavering support for the federal Section 45Q tax credit. 45Q and the projects it incentivizes play a valuable role in providing reliable, affordable domestic energy for American families and solidifying America's role as a global leader in energy, industrial and manufacturing production. Carbon management technologies, including carbon capture, removal, reuse, transport, and storage, are crucial tools for balancing the increasing need for affordable, reliable energy that drives the American economy, with the imperative to maintain the US's global leadership position in the demonstration and deployment of these technologies while countries like China, Canada, the UK, and the EU continue to invest significantly in this expanding sector. With this in mind, we strongly urge Congress to maintain critical bipartisan support for the 45Q tax credit and oppose any efforts to weaken its utility to American businesses.

**CARBON MANAGEMENT AND THE 45Q TAX CREDIT AS A KEY ECONOMIC DRIVER:**

Thanks to bipartisan congressional leadership, carbon management technologies have emerged as a powerful economic driver in the US. 45Q encourages innovation, job creation and preservation, as well as attracting investment in new technologies. Economywide deployment of carbon management technologies at industrial and power facilities, along with the scaling of large-scale direct air capture facilities, is an available tool to preserve and expand a high-wage jobs base in key sectors in almost every state in the nation. Furthermore, among clean energy and industrial technologies, the full suite of carbon management technologies is especially critical to sustaining and bolstering our nation's domestic energy, industrial, and manufacturing base, which are impossible to decarbonize through other methods alone.

As with most burgeoning industries, federal investments in both tax policies and research, development, demonstration, and deployment are pivotal to the successful commercial liftoff of these technologies across the economy. Significant federal investments in carbon management and associated infrastructure over the past few years have spurred the announcement of more than [270 publicly announced domestic projects](#) that span the carbon management value chain and technology readiness levels, signaling that good policy translates into real-world projects. This combination of economic and job benefits, coupled

with emissions reductions, fosters broad, deeply bipartisan support for carbon management technologies that is unprecedented in US energy policy.

**THE 45Q TAX CREDIT’S ROLE IN MAINTAINING GLOBAL ENERGY LEADERSHIP:**

Carbon management technologies are essential for preserving America’s economic strength and global competitiveness by ensuring that domestic energy remains abundant and affordable – helping to drive our continued global leadership across sectors. As international markets shift toward cleaner, more efficient energy, carbon management technologies will help sustain American industries without sacrificing economic growth. By proactively managing emissions, the US can increase efficiency and attract investments, all while safeguarding and expanding US energy production, manufacturing, and industrial sectors. In fact, by enabling cleaner utilization of domestic energy sources, the 45Q tax credit and carbon management technologies broadly help to reduce reliance on foreign energy imports, strengthen US energy independence, and provide American industry with strategic leverage in global energy markets.

**GROWING US ELECTRICITY DEMAND:** Over the past several decades, global energy demand has increased significantly, reinforcing the need and urgency for a comprehensive, multifaceted strategy to address planet-warming emissions while maintaining domestic sources of energy that are affordable and reliable to American families and businesses while preserving and creating jobs that sustain American families and regional economies. Deployment of carbon management supports an “all-of-the-above” energy strategy by bolstering the continued supply of available, low-emissions energy sources. Domestic electricity demand is set to surge over the next several years. As US utilities and power producers work to address surging demand in the next decade, low- and zero-emitting firm, dispatchable power resources, including carbon capture at power facilities, will be a crucial strategy to meeting anticipated demand. The 45Q tax credit is the foundation for public and private sector investments in carbon management technologies. These investments will help to ensure that domestic energy production is maintained and strengthened in a reliable, sustainable manner to meet the growing energy needs of the American economy into the future.

**ENSURING AMERICAN INDUSTRIES REMAIN GLOBALLY COMPETITIVE:** The US has been the global leader in the commercialization of carbon management technologies for decades, providing new markets and opportunities for significant economic growth. However, nations including China, Canada, the UK, and the EU, are now heavily investing in carbon management technologies and positioning themselves as leaders in deploying these technologies and associated infrastructure. Global pledges to reduce greenhouse gas emissions encourage competition. Staying competitive on the global stage means leading the charge in commercializing innovative, clean energy technologies, which is increasingly part of maintaining a strong, resilient economy. Carbon management technologies can not only address environmental concerns but also improve America’s strategic position in global markets and reinforce our position as the global leader in greenhouse gas emissions reduction targets. The 45Q tax credit is the main driver to ensure these industries remain viable going forward and help maintain the US competitive edge in global industries and manufacturing. This balance between energy production and environmental stewardship is crucial for long-term leadership in the evolving global energy landscape.

American businesses and industries spanning multiple sectors, including agriculture and food, oil and gas, cement and steel, aviation and shipping, and pulp and paper, to name a few, rely on the certainty the 45Q tax credit provides to plan investments, hire workers, and obtain construction materials, among other things. Companies have publicly shared that a weakened 45Q tax credit will halt project deployment and, in many cases, cause announced and future projects to relocate abroad to countries with a more favorable policy landscape. With this in mind, we respectfully urge Congress to protect the widely supported, bipartisan investments made in the 45Q tax credit. 45Q is central to ensuring that carbon management technologies can fulfill their role in maintaining domestic energy supplies, supporting a robust and diverse US industrial and manufacturing base, protecting and creating family-sustaining jobs that local economies depend on while simultaneously maintaining America's place on the world stage as a technology innovation leader.

Sincerely,

280 Earth

8 Rivers

ADM

Advanced Resources International, Inc.

Air Company

Aircapture

AirMyne

Aluminum Technologies

Ambiunt Environmental and Regulatory

American Biomass Energy Association

American Chemistry Council

American Conservation Coalition Action

American Iron and Steel Institute

American Petroleum Institute

ArcelorMittal

Avalon International Corporation

Avnos, Inc.

B2E2, LLC

Baker Hughes

Banyu Carbon

BASF Corporation  
Battelle  
Bipartisan Policy Center Action  
Blue Planet Systems  
Blue Spruce Operating  
Business Council for Sustainable Energy  
California Carbon Solutions Coalition  
Calpine Corporation  
Capital Power  
Captura  
Capture6  
CapturePoint LLC  
Carbon Business Council  
Carbon Capture Coalition  
Carbon GeoCapture  
Carbon Removal Alliance  
Carbon Solutions  
Carbon TerraVault  
Carbon Utilization Research Council  
Carbon180  
CarbonBlue  
CarbonCapture Inc.  
CarbonCure Technologies  
CarbonFree  
Carbonova USA LLC  
CarbonQuest  
Carbonvert  
Carmeuse Americas

Celanese Corporation  
Cemex, Inc. (US)  
Cemvita Inc.  
Center for Climate and Energy Solutions  
CERT Systems  
CF Industries  
Chart Industries  
Citizens for Responsible Energy Solutions (CRES)  
Clairity Technology  
Clean Air Task Force  
Clean Energy Buyers Association  
ClearPath Action  
Climeworks  
CO280  
Coalition for Renewable Natural Gas  
Conservative Texans for Energy Innovation  
Core Energy, LLC  
Cormetech Inc.  
Covestro LLC  
CVR Partners, GP  
Dimensional Energy  
Dioxycle  
Direct Air Capture Coalition  
DTE Vantage  
EDAC Labs  
Elimini  
Entropy Inc.  
Equatic

Fluor  
Fortera  
Frontier Carbon Solutions  
Gevo, Inc.  
Global CCS Institute  
Green Plains Inc.  
Growth Energy  
Harvestone Low Carbon Partners  
Heidelberg Materials North America  
Heimdal  
Heirloom  
Heriot Watt University, Edinburgh, UK  
HIF Global  
Holcim (US) Inc.  
Holocene Climate Corporation  
Honeywell  
Illinois Clean Fuels  
International Brotherhood of Boilermakers  
ION Clean Energy  
Jackson Hole Center for Global Affairs  
John Crane  
Jupiter Oxygen Corporation  
KC Hill Consulting, LLC  
Lake Charles Methanol  
LanzaTech, Inc.  
Lapis Carbon Solutions  
Leilac  
LIUNA Midwest Region

LoCI Controls, Inc.  
Louisiana DENR  
Louisiana Mid-Continent Oil & Gas Association  
LSB Industries Inc.  
Mantel Capture  
Marquis Inc.  
Melzer Consulting  
Minnkota Power Cooperative  
Mitsubishi Heavy Industries America  
Moulinex Business Services, LLC  
National Mining Association  
National Ocean Industries Association  
National Rural Electric Cooperative Association (NRECA)  
National Wildlife Federation  
Net Power  
New Mexico Institute of Mining and Technology  
NorthStar Clean Energy  
Noya  
ofCarbon Associates, LLC  
Oxylus Energy  
Parallel Carbon  
Pennsylvania Environmental Council  
POET LLC  
Portland Cement Association  
Remora  
Renewable Fuels Association  
RenewCO2  
Republic Services

Retract LLC  
RW Energy  
Secant Fuel  
Shell USA  
Skytree  
Spiritus  
Steel Manufacturers Association  
Sumitomo Corporation  
Summit Carbon Solutions  
Svante  
TerraFixing  
The Emissions Capture Company, LTD  
The Fertilizer Institute  
The Nature Conservancy  
Third Way  
Tondu Corporation  
Topsoe  
Travertine Technologies, Inc.  
U.S. Chamber of Commerce  
United Association of Union Plumbers and Pipefitters (UA)  
United Mine Workers of America  
United Steelworkers  
Utility Workers Union of America  
Vero3 Limited  
W.L. Gore & Associates  
Waste Management  
Weyerhaeuser Company  
Yama



Zero Carbon Systems, Inc.

CC:

The Honorable Jason Smith  
Chairman, House Ways and Means Committee

The Honorable Mike Crapo  
Chairman, Senate Finance Committee

The Honorable Richard Neal  
Ranking Member, House Ways and Means Committee

The Honorable Ron Wyden  
Ranking Member, Senate Finance Committee