



C2ES CENTER FOR CLIMATE
AND ENERGY SOLUTIONS

A Year of Collective Action

2022 – 2023 ANNUAL REPORT



Letter from the Board Chair and President

In an era of increasing polarization, the Center for Climate and Energy Solutions's (C2ES) focus on building broad, bipartisan political consensus around smart, well-researched solutions is more valuable than ever. Add to that our ability to engage leading companies from across the U.S. economy who will have a critical role to play in the low-carbon transition—and we have a powerful mix of skills, networks, and ideas that will help speed the path to a more prosperous future.

Our research, advocacy, and ability to leverage our Business Environmental Leadership Council helped strengthen the climate-related provisions in the Inflation Reduction Act (IRA) and create the political conditions to get it across the finish line. The IRA, along with the 2021 bipartisan infrastructure law, represent an historic investment in clean energy and the low-carbon transition. Together, they have the potential to cut billions of tons of greenhouse gas emissions by speeding the deployment of zero-carbon energy sources and clean manufacturing.

To help ensure the laws realize their promise, we are investing in the longstanding relationships with the companies in our business council and rebuilding our capacity to advocate for effective climate and energy policies on Capitol Hill. We are launching new work on scaling critical-path technologies, engaging actors from across the innovation ecosystem in overcoming obstacles to their deployment—whether financing, policy, or demand.

We are also engaging businesses, economic development organizations, climate experts, and other stakeholders in regional roundtables to help identify and realize the enormous opportunities that the clean energy economy creates for local communities across the country. These roundtables offer a unique opportunity to bring the climate and energy conversation “outside the Beltway,” including to states and regions that have tended to be skeptical of climate policy.

C2ES is also playing an important role in helping to raise global ambition for climate action. As the first Global Stocktake approaches—the centerpiece of the UN climate talks (COP29) happening in Dubai later this year—C2ES's convening power, diplomacy, and thought leadership are helping to shape the thinking of senior negotiators, government officials, and other influential voices in the international climate arena.

There is still much to be done to address our climate and clean energy challenges—but we are optimistic that solutions are within reach. With your help, C2ES is better able than we have ever been to help turn them into reality. Thank you for your investment and partnership in our work.

Sincerely,

Ted Roosevelt IV
Board Chair

Nat Keohane
President



Ted Roosevelt IV,
Board Chair



Nat Keohane
President



Accelerate a Global Transition to a Thriving, Just & Resilient Net-Zero Economy

The Center for Climate and Energy Solutions (C2ES) works to secure a safe and stable climate by accelerating the global transition to net-zero greenhouse gas emissions and a thriving, just, and resilient economy.

Founded in 1998 as the Pew Center on Global Climate Change, C2ES is an independent, nonpartisan organization, known worldwide as a thought leader on climate change and energy. C2ES informs public policy and corporate sustainability practices through a combination of analytical expertise, longstanding relationships with leading businesses, and a reputation as a trusted convener.

C2ES's unique ties to leading businesses helps attract attention from policymakers on both sides of the aisle as well as clean energy investors and others throughout the private sector. The C2ES [Business Environmental Leadership Council](#) (BELC) is an indispensable resource to C2ES's work. The BELC is the largest U.S.-based group of its kind focused on addressing the challenges of climate change, combining voluntary corporate action, ambitious targets to reduce climate pollution, and policy engagement to advance ambitious solutions to climate change. In 2022, C2ES updated the guiding principles of the business council with consensus support from the [BELC's 42 mostly Fortune 500 companies](#) to elevate the Council's ambition and contributions to climate solutions. (Updated principles can be found on page 8.)

Companies, stakeholders, and climate negotiators from around the world collaborate with C2ES to take advantage of our core strengths in accelerating their climate and clean energy priorities:

- **Policy Innovation and Leadership**, backed by rigorous research and analysis to deliver durable climate policy solutions embedded with economic and technical knowledge.
- **Business Engagement**, working with large companies to strengthen corporate action and mobilize business support for effective policy, supported by deep corporate ties developed over 25 years.
- **Trusted Convening**, bringing together diverse stakeholders to build consensus around ambitious climate solutions, including regular convenings of international climate negotiators to cultivate and support the Paris Agreement's success.



C2ES is building durable political support for climate and energy action by helping communities throughout America understand the tangible economic opportunities in the low-carbon transition.

Building Business Coalitions in Support of Clean Energy Tax Credits and Strong Climate Policies

Throughout 2022, policymakers in Washington worked to revive the “Build Back Better” legislation that would make an historic investment in the nation’s clean energy economy. C2ES played a vital role in advocating for a net-zero future, organizing [more than two dozen leading companies from across the U.S. economy](#) to call for immediate action in July, when the bill’s future was still very much in doubt. When the Inflation Reduction Act was introduced in the Senate the next month, C2ES mobilized leading companies to [support passage](#) of the \$369 billion in climate investments included in the legislation.

To build on that success, C2ES worked in partnership with leading businesses to develop [Reaching for 2030](#), a set of policy recommendations for the 118th Congress to help the United States reach its target of cutting climate pollution 50–52 percent by 2030. C2ES rolled out the recommendations at a [Washington, DC, event](#) in February featuring business voices and U.S. Representatives Mariannette Miller-Meeks (R-Iowa) and Scott Peters (D-Calif.). In consultation with our business council, we are now identifying a handful of the highest-priority policy recommendations that will form the basis for focused advocacy campaigns starting later this year.

In parallel, C2ES is building durable political support for climate and energy action by helping communities throughout America understand the tangible economic opportunities in the low-carbon transition—and the policies and investments needed to realize them. Over the last year, C2ES hosted a series of [regional roundtables](#) with local, state, and federal stakeholders, focusing on specific local opportunities including [offshore wind in Virginia](#), [industrial decarbonization in southwestern Pennsylvania](#), [climate resilience in southeast Florida](#), and [offshore wind](#) and [industrial decarbonization](#) in Louisiana.

C2ES has also been a critical resource for policymakers seeking to understand the critical-path technologies that will be needed to achieve net-zero emissions by midcentury. The role of policy in technology development was the subject of a virtual fireside chat C2ES President [Nat Keohane hosted](#) with Secretary of Energy Jennifer Granholm. When it explored the possibilities of carbon capture in a July 2022 hearing, the Senate Committee on Environment and Public Works called on C2ES Vice President of Policy and Outreach Brad Townsend to [testify](#) on how to align climate goals with economic opportunity.

Drawing on our extensive expertise and business network, C2ES conducts timely and actionable research on technologies and practices that can help cut emissions and reach net zero, including in-depth analysis on expanding [access to EV charging infrastructure](#), the potential for zero-emitting [medium- and heavy-duty trucks](#), and federal policies to speed deployment of [engineered carbon dioxide removal](#). Highlighting how precision agriculture allows farms to both reduce emissions and enhance carbon sequestration in farmlands, C2ES [published a brief](#) identifying barriers to address and unlock agriculture’s potential to drive down climate pollution.

C2ES continues to partner with World Wildlife Fund and David Gardiner Associates to convene the Renewable Thermal Collaborative, a leading effort to scale up technologies that can reduce emissions from industrial heat sources. In September of 2022, C2ES hosted a [webinar](#) exploring RTC companies’ efforts on thermal storage technology in September 2022, and with our partners organized the [first in-person RTC Summit](#) in Washington in October.

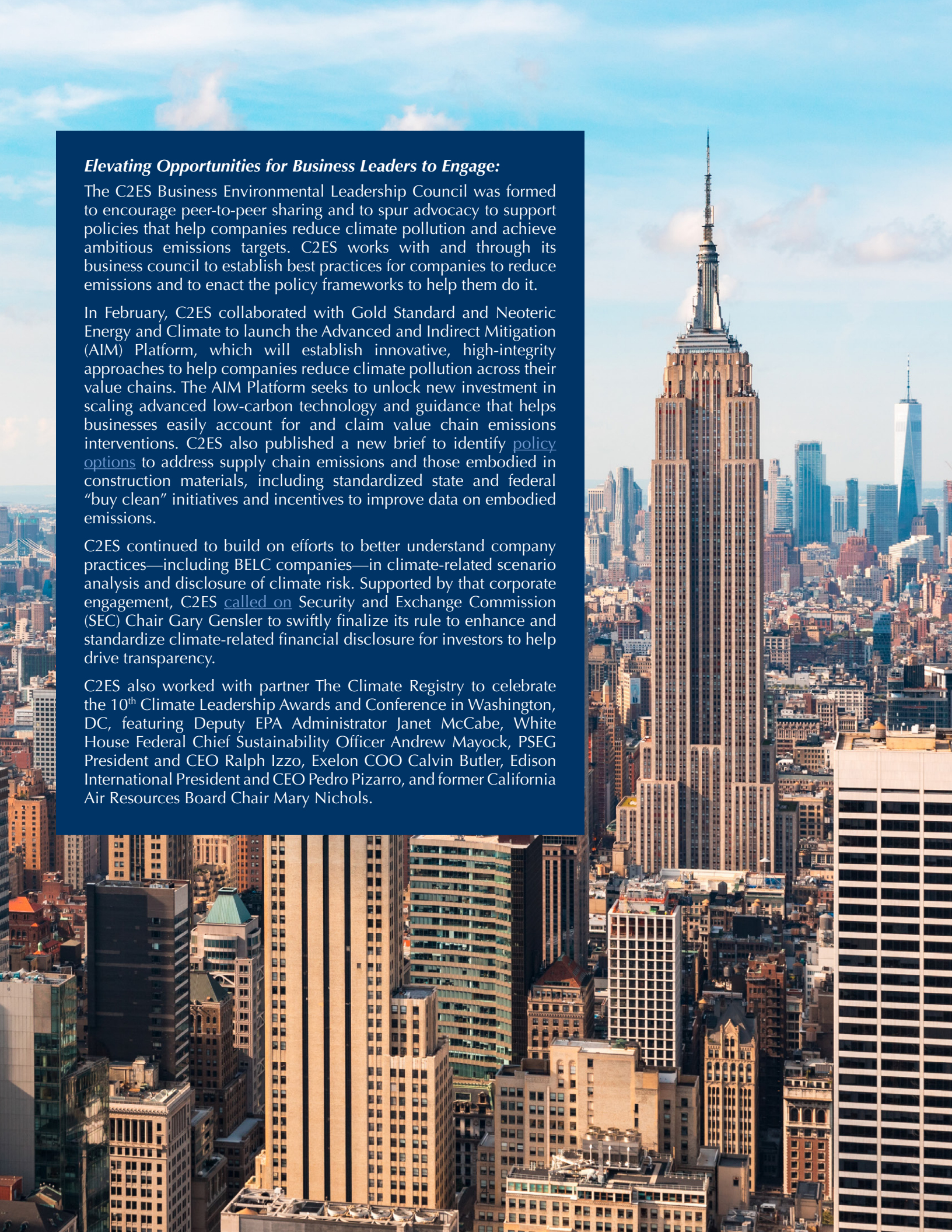
Elevating Opportunities for Business Leaders to Engage:

The C2ES Business Environmental Leadership Council was formed to encourage peer-to-peer sharing and to spur advocacy to support policies that help companies reduce climate pollution and achieve ambitious emissions targets. C2ES works with and through its business council to establish best practices for companies to reduce emissions and to enact the policy frameworks to help them do it.

In February, C2ES collaborated with Gold Standard and Neoteric Energy and Climate to launch the Advanced and Indirect Mitigation (AIM) Platform, which will establish innovative, high-integrity approaches to help companies reduce climate pollution across their value chains. The AIM Platform seeks to unlock new investment in scaling advanced low-carbon technology and guidance that helps businesses easily account for and claim value chain emissions interventions. C2ES also published a new brief to identify [policy options](#) to address supply chain emissions and those embodied in construction materials, including standardized state and federal “buy clean” initiatives and incentives to improve data on embodied emissions.

C2ES continued to build on efforts to better understand company practices—including BELC companies—in climate-related scenario analysis and disclosure of climate risk. Supported by that corporate engagement, C2ES [called on](#) Security and Exchange Commission (SEC) Chair Gary Gensler to swiftly finalize its rule to enhance and standardize climate-related financial disclosure for investors to help drive transparency.

C2ES also worked with partner The Climate Registry to celebrate the 10th Climate Leadership Awards and Conference in Washington, DC, featuring Deputy EPA Administrator Janet McCabe, White House Federal Chief Sustainability Officer Andrew Mayock, PSEG President and CEO Ralph Izzo, Exelon COO Calvin Butler, Edison International President and CEO Pedro Pizarro, and former California Air Resources Board Chair Mary Nichols.





Supporting the Paris Agreement and COP27

With negotiators at COP26 in Glasgow in 2021 having finalized the so-called “Paris Rulebook” – the detailed guidance countries need to follow in meeting their obligations under the Paris Agreement on climate change—COP27 in Sharm el-Sheikh, Egypt, in November 2022, was dubbed “the implementation COP.” C2ES groundwork in the year leading up to the conference helped foster achievements including historic adoption of funding arrangements for “loss and damage” (L&D), or financial assistance to help countries pay for the losses they experience from climate change; operationalization of an effort known as the “Santiago Network” that will tap into a broad array of organizations and experts in order to provide vulnerable countries with technical assistance to help them address L&D; and agreements on a mitigation work programme to enhance pre-2030 ambition.

C2ES convenes senior climate negotiators (known as heads of delegation) from a wide range of countries several times each year, in order to facilitate dialogues that advance issues critical to success of the Paris Agreement. Informing those convenings, C2ES experts published briefs focused on the pressing issues leading to the COP in Sharm el-Sheikh, including briefs identifying [viable pathways](#) for agreement on L&D at COP27 and on establishing a dedicated L&D [finance facility](#), as well as options for landing zones on a decision on [The Santiago Network](#) for technical assistance on L&D.

C2ES also published a brief detailing the implications of the COP26 outcome in relation to the Paris Agreement’s [Article 6](#) and emissions trading among civil society, business, NGOs, universities, and other stakeholders. The C2ES brief also details efforts to ensure the environmental integrity of the voluntary carbon market, a potentially significant source of additional private-sector climate finance and an increasing focus for C2ES.

Scale and Quality in the Voluntary Carbon Market

C2ES is at the center of global and domestic efforts to ensure the integrity and quality of voluntary carbon markets that cut climate pollution and support sustainable green growth, particularly in developing countries. C2ES is a founding member of the Executive Secretariat of the [Integrity Council for the Voluntary Carbon Market](#), which is enabling the scaling up of a high-integrity market by establishing a global quality standard for voluntary credits. ICVCM released its draft Core Carbon Principles for public consultation in July and [launched the final principles and Program-Level Assessment Framework and Assessment Procedure](#) in March.

In November, at COP27, Special Presidential Envoy for Climate John Kerry joined The Rockefeller Foundation and Bezos Earth Fund to announce the [Energy Transition Accelerator](#), an innovative carbon finance platform that aims to catalyze private capital to accelerate the clean energy transition in developing countries. C2ES serves as co-coordinator of the ETA.



Strengthening Communities Through Climate Resilience

Communities across the United States are experiencing increasingly severe and frequent floods, wildfires, extreme heat, and other hazards due to climate change. Meanwhile, businesses also suffer setbacks when their communities are struck by climate-fueled extreme weather. Two new C2ES reports pointed to economic development strategies that can help address climate risks while also creating new economic opportunities.

To help communities better prepare and bounce back faster, C2ES engaged the insights of business leaders to strengthen the climate resilience and economic competitiveness of the communities where they operate. [*The Climate Resilience-Economy Nexus*](#) identifies areas where communities can focus to align the common goals of economic development and climate resilience, detailing seven on-the-ground projects where innovative actions at this nexus are already being taken.

C2ES also sought to identify key strategies companies could employ to build resilience to climate impacts in the places where they operate, employ, and maintain supply chains. The brief, [*An Emerging Blueprint for Companies: Strategies to Advance Local Climate Resilience*](#), outlines how corporate resources, funding, and expertise can make a difference, including leadership strategies that companies use to help communities across the country assess climate risks, build local capacity, and accelerate resilience projects.

BUSINESS ENVIRONMENTAL LEADERSHIP COUNCIL

The C2ES Business Environmental Leadership Council is among the largest U.S.-based groups of companies devoted solely to addressing climate change. **From April 1, 2022 to March 31, 2023, we welcomed new member Trane Technologies.** C2ES works with these business leaders to understand and pursue the policies and technologies that will help us reach our climate goals.

BELC membership, as of March 31, 2023, includes:



Note: This list represents BELC membership as of March 31, 2023. For a complete list of current members, please visit <https://www.c2es.org/belc>.

BELC MEMBERSHIP PRINCIPLES

In early 2023 and following a collaborative process with members of the BELC and relevant stakeholders, the principles to which all members must agree were updated. These updates made the guiding principles more ambitious than before; they were also expanded to include resilience & adaptation and equity, fairness, & justice.

Each BELC member company must adhere to the following set of six principles in support of climate action:

Science

1

Our climate objectives are guided by the latest scientific consensus as articulated by the Intergovernmental Panel on Climate Change (IPCC) and other leading scientific studies, including that climate change caused by human activity is already affecting every region across the globe. Limiting the rise in global temperatures to 1.5 degrees Celsius above preindustrial levels requires deep reductions in greenhouse gas emissions by 2030 and achieving net-zero carbon dioxide emissions globally by midcentury.

International Cooperation

2

Climate change is a global challenge that ultimately requires global action and collaboration among all governments, the private sector, and civil society, as seen in the binding commitments made by countries under the Paris Agreement on climate change. We support the goals of the Paris Agreement and efforts to achieve them.

Business Action

3

We have set or are in the process of setting greenhouse gas emission reduction goals consistent with the broader aim of achieving net-zero greenhouse gas emissions economy-wide in the United States by no later than 2050 and with the objectives of the Paris Agreement on climate change. We are taking concrete steps to implement those goals by cutting emissions in our operations; increasing investment in low- and zero-greenhouse gas emitting technologies, practices, and products; working with stakeholders in our value chain to further reduce their emissions; and publicly reporting our emissions using commonly accepted tools.

U.S. Policy

4

We support the target in the United States' Nationally Determined Contribution (NDC) of reducing greenhouse gas emissions 50 to 52 percent below 2005 levels by 2030, as well as the goal of achieving net-zero emissions in the United States by no later than 2050. We will identify and advocate for policies, as appropriate and aligned with our priorities that help to meet those targets, and we will encourage those business associations in which we hold memberships to also advance those policies. A variety of policies across the economy will be necessary to help drive innovation and enable the transition to a low-carbon economy, including mandatory policies; flexible, market-based programs and incentives; and a broad suite of sectoral approaches.

Resilience & Adaptation

5

Efforts that foster resilience and adaptation, such as investments and policies, are necessary – especially to protect those communities who are, or will be, most exposed to a changing climate and at greatest risk from climate impacts. We believe that companies have a role to play in building resilience to climate change for their own businesses and in supporting climate resilience in the communities where they operate.

Equity, Fairness, and Justice

6

For climate solutions to be both effective and durable, we believe they must promote fair, equitable, and just outcomes for all. The benefits of the low carbon transition should be widely shared, especially by disadvantaged communities who are, and have been, marginalized, underserved, and overburdened by pollution and a changing climate. As the nation transitions to a low carbon economy, climate solutions should also benefit communities that have been reliant on fossil fuel extraction and use.

Fiscal Year 2022–2023

April 1, 2022 – March 31, 2023

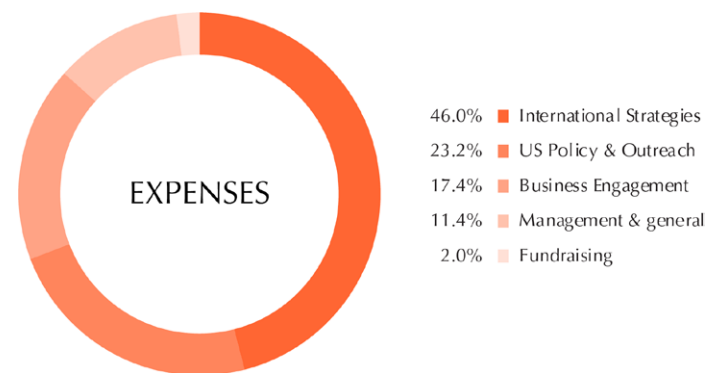
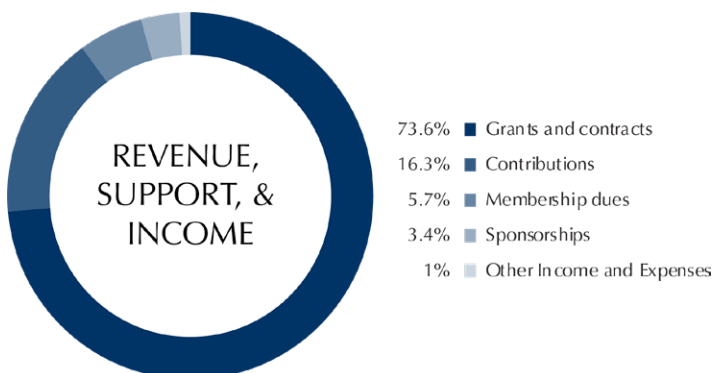
Statement of Activities

REVENUES and SUPPORT	
Grants & Contracts	16,996,501
Membership Dues	1,318,749
Sponsorships	788,079
Contributions	3,761,597
TOTAL	\$ 22,864,926
EXPENSES	
U.S. Policy & Outreach	1,942,257
International Strategies	3,855,899
Business Engagement	1,460,353
Management and General	954,934
Fundraising	169,486
TOTAL	\$ 8,382,929
OTHER INCOME and EXPENSES	
Interest Income	176,600
Investment Loss	(49,737)
Other Income	90,510
TOTAL	\$ 217,373
NET ASSETS	
Change in Net Assets	14,699,370
Net Assets, Beginning of Year	3,633,591
NET ASSETS, END OF YEAR	\$ 18,332,961

Statement of Financial Position

ASSETS	
Cash & Cash Equivalents	4,120,646
Investments	10,846,386
Grants Receivable, net	3,965,757
Accounts Receivable, net	788,624
Prepaid Expenses	158,953
Property & Equipment, net	64,944
Right-of-Use Assets, net	1,265,164
Deferred Compensation Investments	296,300
Deposits	182,762
TOTAL ASSETS	\$ 21,689,536
LIABILITIES	
Accounts Payable & Accrued Expenses (current)	346,134
Payroll Liabilities (current)	107,104
Deferred Membership Dues & Refundable Advances (current)	1,215,842
Operating Lease Liability (current)	380,237
Operating lease liability, net of current portion	1,010,958
Deferred Compensation Plan Obligation	296,300
TOTAL LIABILITIES	\$ 3,356,575
NET ASSETS	
Without Donor Restrictions	3,185,383
With Donor Restrictions	15,147,578
TOTAL NET ASSETS	\$ 18,332,961

Our fully audited financial statements are available at www.c2es.org or upon request by writing to the Development Department, 1400 K Street, NW, Suite 1100, Washington, DC, 20005.



Note: 'Other income and expenses,' as shown in the revenue chart, includes interest income, investment loss, and other income.

Board of Directors as of March 31, 2023

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Managing Director, Barclays Capital

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Former President, Environmental Law Institute

David Hone

Chief Climate Change Adviser, Shell International Ltd.

Ann Klee

Former Executive Vice President of National Business Development and Government Relations, Suffolk Construction

Nathaniel O. Keohane

President, Center for Climate and Energy Solutions

Frank E. Loy

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Roger Martella

Director and General Counsel, Environment, Health & Safety, General Electric

Jim McGinnis

Managing Director, PJ SOLOMON

Maureen Raymo

Co-Founding Dean of the Columbia Climate School and Director of Lamont-Doherty Earth Observatory; Columbia University

John P. Schmitz

Managing Director, Prime Transatlantic Group

Mike Twomey

Consultant, Energy Practice of Charles River Associates

Jeffrey Williams

Former President, Jeffrey Williams & Associates LLC

Join Us

[DONATE](#) at www.c2es.org/support or contact Development Associate Kristin Gunn at 703-516-4146 to help us advance strong policy and action to address climate change. C2ES is a nonprofit, tax-exempt charitable organization (tax identification number 54-1892252) under Section 501(c)(3) of the Internal Revenue Code. Donations are tax-deductible as allowed by law. C2ES is a Delaware corporation, with offices located in Washington, D.C.

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