

**2021** IMPACT REPORT



**THE CLIMATE  
REGISTRY**

## The past few years have been challenging for everyone.

COVID-19 is still greatly impacting our lives, and the stark realities of climate change are coming more sharply into focus with every passing year. In 2021, climate leaders saw visions of environmental degradation, as well as exciting and inspiring opportunities to move toward a sustainable future.

The Climate Registry (TCR) is forging ahead in our efforts to support North American organizations in their climate ambitions and celebrate the successes we are seeing across a wide range of sectors.

In this report, you will see how the members of TCR's **Carbon Footprint Registry** and the **Water-Energy Nexus Registry** continue to lead by example by measuring, reporting, and verifying their greenhouse gas inventories. We applaud these companies for their efforts to reduce their impact on the environment. Transparency is more important than ever to ensure that climate action is delivered.

This past fall, we had the opportunity to put corporate, city, and state climate leadership front and center, during the virtual **Climate Leadership Series and Awards Showcase**. In addition, we co-hosted the largest-ever U.S. sub-national delegation and our first-ever pavilion at **COP 26** in Glasgow, Scotland in collaboration with corporate partners and NGOs. The sub-national leaders in attendance gave us hope and inspiration for the changes that local governments are making to reduce their climate impact.

Looking forward to 2022, we are finalizing the development of our **Net-Zero Portal**, which will provide a global, cross-sectoral database of information about net zero and carbon neutral pledges and pathways to help organizations build capacity and act on their net zero goals.

Our Board of Directors and Council of Jurisdictions advisory body, which are both comprised of climate leaders, continue to guide our efforts to move the needle towards a more sustainable world. Finally, I must acknowledge TCR's small but mighty staff, who make all of this possible and have continued to strive forward through these challenging times.

We look forward to continuing to help you meet your goals and work together towards a net-zero future.



Amy Holm  
Executive Director



## LETTER FROM THE EXECUTIVE DIRECTOR

# OUR MISSION

**TCR connects, educates, and empowers organizations with resources to reduce greenhouse gas emissions in order to mitigate climate change.**

We empower North American companies, nonprofits, and governmental agencies to do more in the fight against climate change by providing tools and services that help identify and reduce emissions. Whether an organization is just starting out with a climate action plan or on the way to an ambitious net-zero goal, TCR is there to support the journey with programs, activities, and advisory services.

To amplify good work being done by our members and others, we recognize and showcase sub-national, corporate, and community leadership. We also build strategic partnerships with and between national and international entities. TCR is advised by a Council of Jurisdictions that includes representatives from diverse U.S. states, Native nations, and Canadian provinces and territories.

# 2021 AT A GLANCE

TCR reached a total of **1,664** greenhouse gas emissions inventories reported and verified through the Climate Registry Information System, representing **320** organizations

**24** Climate Leadership Award winners  
including **3** TCR members:

**MCE**

**California Department of Water Resources**  
**Los Angeles Department of Water and Power**

Largest delegation to 26th Conference of the Parties  
to the UNFCCC from North America  
representing **16** states  
including **6** governors and **1** lieutenant governor



# PROGRAMS

## Carbon Footprint Registry

Registry members receive guidance, tools, and resources to reliably measure and responsibly manage their carbon footprint. When reporting with TCR, organizations from a multitude of sectors are assured that their work aligns with international and sector-specific best practices, and the projects they implement reflect meaningful environmental stewardship.

## Water-Energy Nexus Registry

Version 2.0 of the Water-Energy Nexus Registry Protocol was released to reflect new and refined quantification methods for water-related emissions sources that were addressed in the IPCC 2019 policy refinement, and introduces a new optional disclosure for upstream water embedded in consumed electricity. These updates were adopted following a multistakeholder review process and provide more flexibility in accounting for emissions from wastewater treatment and discharge.



# CLIMATE REGISTERED RECOGNITION PROGRAM



## All Star

*All Stars must have achieved and disclosed a public greenhouse gas reduction goal as well as have their public base year verified or third-party reviewed.*

California Department of Water Resources  
California Public Employees Retirement System



## Platinum

*Platinum recipients must have set and disclosed a public greenhouse gas reduction goal as well as a public base year.*

CommonSpirit Health  
Qualcomm Inc  
Sacramento Municipal Utility District  
Stanford University  
United States Postal Service







## Gold

*Gold recipients must have reported and third-party verified their emissions inventory.*

3Degrees  
Albertsons Companies  
American Licorice Company  
Black & Veatch  
Blue Source, LLC  
Bonneville Power Administration  
Brown University  
Cameron-Cole  
Clean Power Alliance  
Climate Action Reserve  
Columbia University  
CommonSpirit Health  
Copper Mountain Solar 1 LLC  
County of San Diego  
DAK Americas LLC  
David & Lucile Packard Foundation  
Delta Air Lines  
Denver Water  
Driftwood Dairy  
East Bay Community Energy  
Enwave Seattle  
Exelon  
Government of Yukon  
Harrison Industries  
Harvard University  
Heising-Simons Foundation  
Kaiser Permanente  
Marin Sanitary Service  
Metropolitan Water District of Southern California  
Mithun  
New York Power Authority  
New York State Metropolitan Transportation Authority  
Nexant, Inc.  
Nuclear Energy Institute  
Pacific Gas and Electric Corporation  
Rodney Strong Vineyards  
San Diego County Water Authority  
San Diego Gas & Electric  
San Francisco Public Utilities Commission, Power Enterprise  
Seattle City Light  
Sierra Nevada Brewing Company  
Sonoma Clean Power  
Sonoma Water  
Sound Transit  
Southern California Gas Company  
Specialty Solid Waste and Recycling  
Termoelectrica de Mexicali, S. de R.L. de C.V.  
Terra Global Capital LLC  
The City of Woodland  
The Hershey Company  
The Tower Companies  
The William and Flora Hewlett Foundation  
Turlock Irrigation District  
University of California, Berkeley  
University of California, Irvine  
University of California, Los Angeles  
University of California, Merced  
University of California, Office of the President  
University of California, San Diego  
University of California, San Francisco  
University of California, Santa Barbara  
University of California, Santa Cruz  
Waste Connections  
Xcel Energy  
Yale University

# ALL STAR MEMBER HIGHLIGHTS

## California Department of Water Resources

California Department of Water Resources achieved its 2020 goal to reduce greenhouse gas emissions 50% (measured against a 1990 baseline) and did so five years ahead of schedule, in 2015. 65% of DWR's State Water Project's power portfolio currently consists of its own carbon-free hydroelectric generation and renewable energy purchases.



## California Public Employees Retirement System (CalPERS)

CalPERS achieved its goal to reduce GHG emissions by 20% by 2020, measured against a 2010 baseline. This goal was established by Executive Order B-18-12, issued by Governor of California Edmund G. Brown Jr., which required California state agencies to take actions to reduce entity wide greenhouse gas emissions.





# THOUGHT LEADERSHIP

## Net-Zero Portal

A global, cross-sectoral platform, the Net-Zero Portal, is being created to amplify climate ambition and action. The portal will be a digital “one-stop shop” for information about net-zero and carbon neutral pledges, pathways, reports, research, and leaders in the field. TCR convened and consulted with stakeholders from 60 diverse organizations throughout 2021 to develop a framework for the portal, which will launch in 2022.



**SPONSORS:** CENTER FOR CLIMATE AND ENERGY SOLUTIONS, CLIF FAMILY FOUNDATION, EDISON INTERNATIONAL, ENLYST FUND, IBM, QUANTUM FLEET TECHNOLOGY, SOCALGAS, SEMPRA, SOUTHERN COMPANY

## Goal Setting Guidance

TCR offers direct consulting to organizations looking to build their climate ambition by helping them set bold greenhouse gas reduction goals and track their progress towards those goals. Whether organizations wish to enhance their eligibility for a Climate Leadership Award or adhere to an external framework such as the Science Based Targets Initiative, TCR can help develop a bespoke roadmap to a more sustainable future.

## Green Together Collaborative

TCR provided project management and technical assistance for the Green Together Collaborative, an initiative of the California Strategic Growth Council’s Transformative Climate Communities program. This collaborative created an innovative alliance between seven public and private partners that work directly with residents in the California communities of Pacoima and Sun Valley to build a safe, healthy, socially inclusive/equitable, climate-resilient community, spearheading transformative projects and programs in the areas of energy efficiency, urban greening, and mobility.

# EVENTS

## 2021 Virtual Climate Leadership Series & Awards Showcase

In 2021, TCR proudly co-hosted, with the Center for Climate and Energy Solutions (C2ES), the first ever virtual Climate Leadership Series & Awards Showcase. Following a successful kick off in mid October, the series continued into the fall with expert-led webinars and workshops. The program engaged more than 2,000 sustainability professionals along the way as we explored *Ambition to Action: Mobilizing for a Decade of Decarbonization*. Participants heard from industry leaders on a range of topics, from climate risk and natural climate solutions to equity and transportation.



CLIMATE  
LEADERSHIP  
CONFERENCE & AWARDS

Speakers included:



**Governor  
Jay Inslee**  
State of Washington



**Michael Regan**  
Administrator  
US EPA



**Mayor  
LaToya Cantrell**  
City of New  
Orleans



**Lisa Jackson**  
VP of Environment,  
Policy, and Social  
Initiatives, Apple

## UNFCCC Conference of Parties (COP 26)

In November 2021, TCR co-sponsored our first-ever *Pathways to 1.5 Pavilion* at COP 26 in Glasgow, Scotland in partnership with the Climate Action Reserve (CAR). We co-hosted our largest-ever U.S. sub-national delegation, including governors, a lieutenant governor, state representatives, and leadership from California, Hawaii, Illinois, Louisiana, Maine, Minnesota, New Mexico, North Carolina, Nevada, New York, Oregon, Rhode Island, Washington, and the Yurok Tribe.

TCR also hosted an official UNFCCC press conference featuring Governors Brown (OR), Ige (HI), Inslee (WA), and Pritzker (IL), as well as an official UN side event on the topic of North American Climate Leadership and Strategies on the Road to Net Zero.

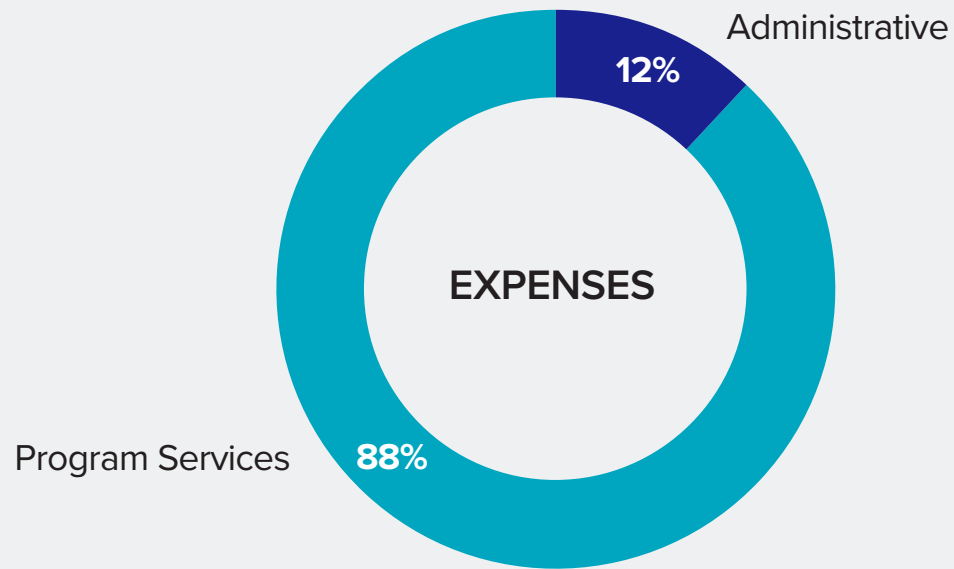
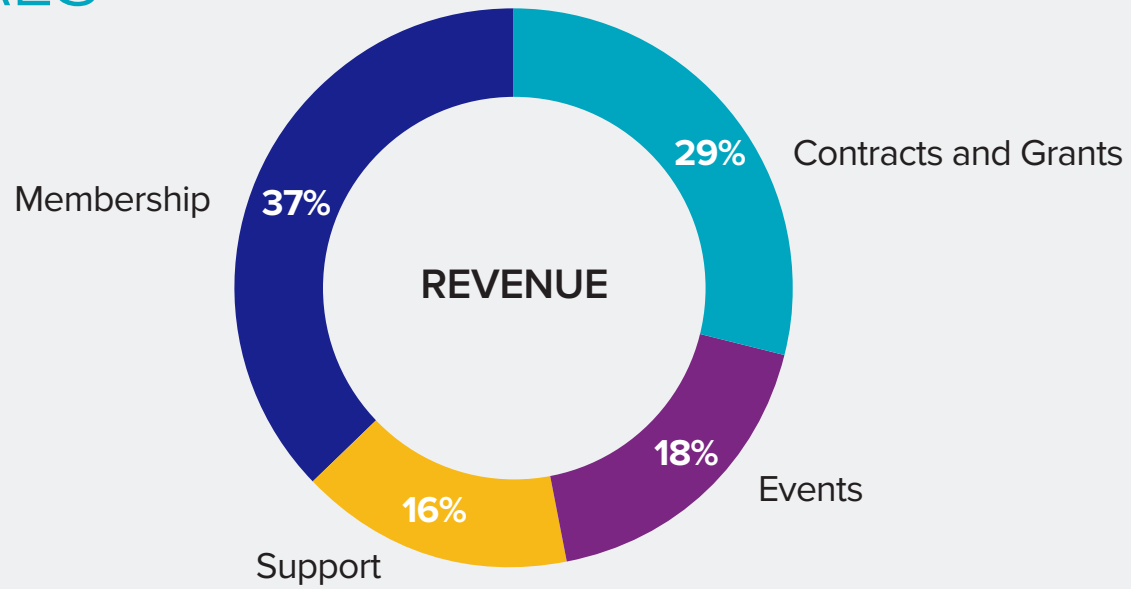
*Top Photo: Hawaii Governor David Ige and Amy Holm, Executive Director of The Climate Registry*

*Bottom Photo: (Left to right) Liane Randolph, Chair, California Air Resources Board; Sofía Hernández Morales, Executive Director of Transversality and Territorial Governance, Jalisco, Mexico; Katie Theoharides, Secretary of Energy and Environmental Affairs, Massachusetts; and Amy Holm, Executive Director of The Climate Registry*





# FINANCIALS



# LOOKING AHEAD TO 2022 AND BEYOND

## **Net-Zero Portal**

The Net-Zero Portal will serve as a global database for tracking and comparing net-zero and carbon neutrality pledges. When complete, the Portal will provide essential information on these important targets and the pathways to achieving them. Over the next several months, TCR will continue its work with experts to deliver the second phase of the Portal development: building, testing, populating, launching, and governing the public website and database. We anticipate that the Portal will debut in fall 2022.

## **Low Carbon Fuel Standard and Cap-and-Trade Compliance Offset Program**

TCR will be providing verifier accreditation training for two of the California Air Resources Board's greenhouse gas regulatory programs. These training sessions ensure that consultants performing emissions accounting are qualified and reporting in compliance with the Board's standards for projects that reduce or sequester greenhouse gas in the transportation, energy, and industrial sectors.

## **CRIS 5**

The Climate Registry Information System (CRIS) is an easy-to-use, cloud-based system for measuring, reporting, and verifying carbon footprints—offering flexible modules for calculation, reporting, and verification that can be used to support a wide range of programs and organizations. We will deploy an updated version of this cost-effective platform in summer 2022, rebuilt from the ground up with improved performance, modern interface, and a more intuitive user experience.

## **New Website**

Our team has been working tirelessly to create a new website, with the goal of creating a more appealing and engaging interface to improve the user experience and inform our stakeholders of all the great work we—and especially our members and partners!—are doing. More instinctive navigation will connect visitors to key tools and resources on both desktop and mobile platforms. Keep an eye out in the coming months for more information on the launch of the new website.

# OUR BOARD

**Diane Wittenberg, Chair**, Founding President of the California Climate Action Registry and the first Executive Director of The Climate Registry

**Mary D. Nichols**, Former Chair of the California Air Resource Board from 1975-1982 and 2007-2020

**Janet Peace**, Chief of Advisory Services, Bluesource, LLC

**Cathy S. Woollums**, Senior Vice President, Chief Sustainability Officer, Berkshire Hathaway

**Rick Saines**, Partner at Pollination

**Laurie Fitzmaurice**, Business Development - Renewables & New Energies (Americas), Amazon Web Services

**Edan Dionne**, Vice President, Environmental, Energy and Chemical Management Programs, IBM Corporate Environmental Affairs

# OUR TEAM

**Salvador Bautista**, Senior Software Developer

**Rebecca Berg**, Stakeholder Engagement Coordinator

**Ryan Cassutt**, Verification and Registry Services Manager

**Alexandria Chalmers**, Technical Services Associate

**Chris Dzialo**, Marketing & Communications Director

**Tess Gauthier**, MRV Initiatives Coordinator

**Amy Holm**, Executive Director

**Dan Krekelberg**, Policy Director

**Marta Membreno**, Director of Accounting and Operations

**Leigh Ann Osborne**, Strategy and Planning Manager

**Nasreen Sayed**, MRV Initiatives Associate

**Erica Skowron**, Member Engagement Coordinator

## Senior Advisors

**Jen Kaminski**

**Alex Carr**





# COUNCIL OF JURISDICTIONS

**British Columbia** Christopher Gilmore, Executive Director, Ministry of Environment and Climate Change Strategy

**California** Rajinder Sahota, Deputy Executive Officer for Climate Change & Research, California Air Resources Board

**Colorado** Shaun McGrath, Environmental Health & Protection Director, Department of Public Health and Environment

**Georgia** Karen Hays, Air Protection Branch Chief, Environmental Protection Division

**Hawai'i** Scott Glenn, Chief Energy Officer, State Energy Office

**Illinois** Carrie Zalewski, Chairman, Illinois Commerce Commission

**Louisiana** Harry Vorhoff, Deputy Director of Coastal Activities, Office of Governor John Bel Edwards

**Maryland** Ben Grumbles, Secretary, Department of the Environment

**Massachusetts** Will Space, Senior Technical Advisor for Climate Programs, Department of Environmental Protection

**Michigan** Brandy Brown, Climate & Energy Advisor, Department of Environment, Great Lakes, and Energy

**Minnesota** Tim Sexton, Assistant Commissioner, Sustainability and Public Health, Department of Transportation

**New Hampshire** Joseph T. Fontaine, Regional Greenhouse Gas Initiative & Technical Programs Manager, Air Resources Division, Department of Environmental Services

**New York** Maureen Leddy, Director of Office of Climate Change, Department of Environmental Conservation

**Nevada** Bradley Crowell, Director, Department of Conservation & Natural Resources

**Northwest Territories** Cory Doll, Manager, Climate Change & Air Quality, Department of Environment & Natural Resources

**Nova Scotia** Brittany White, Senior Policy Analyst, Department of Environment & Climate Change

**Oklahoma** Kendal Stegmann, Air Quality Division Director, Department of Environmental Quality

**Oregon** Amira Streeter, Natural Resources Policy Advisor to Governor Kate Brown

**Pennsylvania** Patrick McDonnell, Secretary, Department of Environmental Protection

**Prince Edward Island** Todd Dupuis, Executive Director, Climate Change and Environment, Department of Environment, Energy and Climate Action

**Québec** Marc DeBlois, Senior Advisor, Ministère de l'Environnement et de la Lutte contre les changements climatiques

**Rhode Island** Terrence Gray, Deputy Director for Environmental Protection, Department of Environmental Management

**Tennessee** Alexa Voytek, Energy Programs Administrator, Department of Environment and Conservation

**Washington** Becky Kelley, Senior Policy Advisor for Climate, Office of Governor Jay Inslee

**Wisconsin** Maria Redmond, Director, Office of Sustainability and Clean Energy

**Wyoming** Todd Parfitt, Director, Department of Environmental Quality

**Yukon** Rebecca Turpin, Director, Climate Change Secretariat, Department of Environment

**Yurok Tribe** Javier I. Kinney, Carbon Projects Manager, Natural Resources Division



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If you would like to contribute to The Climate Registry's efforts to reduce our generation's carbon footprint, please visit

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