



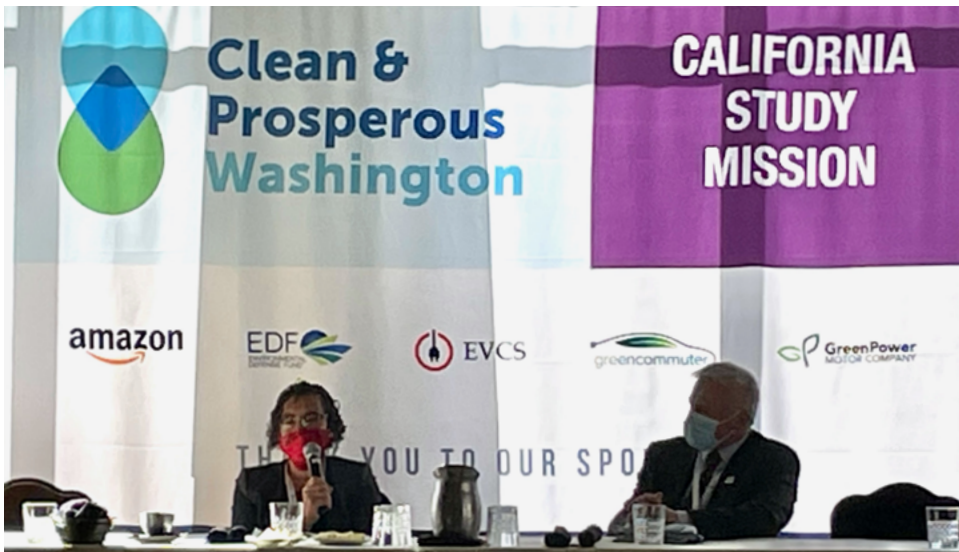
**Clean &
Prosperous
Washington**



**CALIFORNIA
STUDY
MISSION**

TRIP REPORT

MANY LESSONS FROM CALIFORNIA CAP & INVEST MISSION



California Air Resources Board (CARB) chair Liane Randolph and Executive Officer Richard Corey describe the legislative and administrative history of California's carbon reduction policies, including their economy-wide cap and investment strategies.

This spring, Washington state became just the second in the nation, after California, to pass [Cap-and-Invest legislation](#) which provides a [reliable mechanism](#) for cutting net greenhouse gas emissions to zero by 2050 while raising billions of dollars for equitable climate action.

In our ongoing effort to implement smart climate policies in Washington, Clean & Prosperous Washington led an exciting California Study Mission to the Sacramento area. More than 80 policy experts and community stakeholders from Washington and California came together including government officials, nonprofit leaders and entrepreneurs to see firsthand how California's climate legislation is working to reduce carbon emissions in that state while increasing economic activity. We wrapped up the study mission with renewed enthusiasm and promises to continue sharing and learning from our neighbors to the south.

HIGHLIGHTS OF THE TRIP

CALIFORNIA CLIMATE POLICY

After a welcoming message from California Senate President Pro Tempore Toni Atkins, the California Study Mission kicked off with a discussion led by Liane Randolph, California Air Resources Board (CARB) Chair and Richard Corey, CARB Executive Officer on the history of California climate policy and lessons learned.

Reflecting on the years of California's experience with carbon policy, Liane Randolph noted that "one of the challenges of administering climate programs is that you have to move fast, but you need to understand what communities need. Trying to balance that needs to be a key focus of our work."

"Implementation is hard" cautioned Corey. "It's the execution that ultimately delivers results. You're going to be working with stakeholders who have issues. It is important to have a feedback loop so that you can make adjustments along the way."

Understanding and seeing in-action how Cap-and-Trade was rolled out in California was a key part of the study mission. Rajinder Sahota, Deputy

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I want to thank the great climate leaders here today. Your advocacy and leadership have been instrumental in the world of climate policies. Collaborations like this, between the public and private sector, are necessary and are the future of climate policy, not only in California and Washington, but across the nation.

TONI ATKINS, Senate President Pro Tempore

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Executive Officer of Climate Change and Research and Co-Chair of CARB's Diversity and Racial Equity Task Force, walked the group through the California Cap-and-Trade program structure. She detailed how the cap program covers 80% of emissions from California and has held 32 auctions to date, 24 of them jointly with Quebec. The nearly \$17 billion of revenue generated from those auctions has been invested into carbon reduction activities in the state.



Washington State Senator Reuven Carlyle addressed the group as he prepared to leave for Europe where he attended the [UN Climate Change Conference](#) – COP 26 focusing on subnational policy leadership.

Sen. Carlyle has been instrumental in passing several pieces of climate legislation in Washington state, notably as the prime sponsor of the Climate Commitment Act. Sen. Carlyle noted the importance of regional cooperation to determine the best path to addressing global warming which pays no attention to political boundaries. “We brought folks down here to elevate the dialogue at a policy level, at a formal relationship level, but also to allow us to have deeper relationships to “test and learn” about how to build out a decarbonization plan.”

IN-DEPTH POLICY BRIEFINGS

During the 2-day conference, intensive policy briefings provided attendees with a more in-depth look at a number of issues faced throughout California's climate change efforts, including implementation of the cap system, decarbonizing transportation and more.

On the first day, the **TRACK 1 BRIEFING** examined California's climate change efforts with Matt Botill, CARB's Industrial Strategies Division Chief and Amanda Vockerodt Hansen, Deputy Secretary for Climate Change, California Natural Resources Agency. They discussed what is working—and what isn't working—to reduce greenhouse gas emissions and improve resiliency.

Botill described the \$16.9 billion of carbon reduction investments through California's Cap-and-Trade program with 50% of benefits going directly to vulnerable communities through 72 programs.

2017 Scoping Plan Portfolio

	Double building efficiency		Cleaner freight and goods movement
	50% renewable power		Slash potent “super-pollutants” from dairies, landfills and refrigerants
	More clean, renewable fuels		Cap emissions from transportation, industry, natural gas, and electricity
	Cleaner zero or near-zero emission cars, trucks, and buses		Invest in communities to reduce emissions
	Walkable/bikeable communities with transit		Protect and manage natural and working lands

Scoping plans have provided a framework for investments of nearly \$17 billion in carbon reduction initiatives in California.



If you go back to the institutional history of the Western Climate Initiative since 2007, this gathering is a symbolic representation of all of the years of scraping and sanding and taping that all of those leaders did to get us to the moment where we can begin to paint the house.

RUEVEN CARLYLE, Washington State Senator



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In addition to delivering climate benefits, some of these policies deliver other benefits like protection against extreme heat or supporting economic development.

**AMANDA
VOCKERODT HANSEN,**
Deputy Secretary
for Climate Change,
California Natural
Resources Agency

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NATURAL AND WORKING LANDS CLIMATE SMART STRATEGY

DRAFT FOR PUBLIC COMMENT



Climate change investments are not just urban. California is identifying how rural lands can be a critical component of carbon reduction and sequestration strategies.

Hansen detailed how natural and working lands are increasingly being viewed as sources of carbon reduction and sequestration actions. Responding to an executive order, the California Natural Resources Agency has just published a draft report on nature-based climate solutions. Over eight types of landscapes, including sea grasses, sea weeds, grasslands, croplands and forests, the report identifies climate actions that help mitigate carbon emissions while providing co-benefits to urban and rural communities.

In the **TRACK 2 BRIEFING** on how the Cap-and-Trade system is being implemented, Dallas Burtraw, Darius Gaskins Senior Fellow, Resources for the Future, detailed

what a carbon auction looks like, allowance volumes, compliance offset programs and protocols. Burtraw noted that over one-third of the global population is living under some emissions trading protocol, representing 16% of global emissions and more than 50% of global GDP.

Prices in these systems have been modest to date and lower than expectations, according to Burtraw. California and Quebec auctions are clearing at \$23 per ton, while the Regional Greenhouse Gas Initiative (RGGI) auction price is \$9 per ton. The European Union system clearing price is now \$64 per ton, rising from substantially lower amounts just a few years ago.



I'm thrilled to be talking to you. I've been saying for a half dozen years that California has the best designed Cap-and-Trade policy in the world but the language in the legislation in Washington state is just profound and path-breaking. My hat is off to the folks in Washington for what you've done, but the work is still ahead of you.

DALLAS BURTRAW, Darius Gaskins Senior Fellow, Resources for the Future



Burtraw emphasized that regulatory policies and carbon pricing are complementary. Working together, they help to minimize the cost of carbon reduction. He described how a price floor and price ceiling during auctions limit the risk to both mitigation costs and availability of investment funds. He described the process of a unified price auction and how it delivers “incentive compatible behavior,” where entities bid the true marginal cost of their carbon reduction.

One of the late afternoon policy briefings focused on decarbonizing the transportation system. Jake Fey, Washington State Representative moderated the **TRACK 1 DISCUSSION** on what is working to reduce transportation emissions and where there are air quality co-benefits, with transportation policy leaders from CARB including Sydney Vergis, Chief of Mobile Source Control Division, Anna Wong, Light Duty Vehicle Specialist, Analisa Bevan, Zero Emission Infrastructure Lead, and Cheryl Laskowski, Transportation Fuels Branch Chief.

“Infrastructure for zero emissions vehicles needs to lead sales.”

ANALISA BEVAN,
Zero Emission Infrastructure
Lead, CARB

“The Climate Commitment Act set aside \$5 billion for transportation decarbonization in Washington state so we want to get the best benefit we can.”

JAKE FEY, Washington State Representative

What would it take to get into a zero emission vehicle? It has to be durable, meet all of a person's travel demands, be able to pull up to any fast-charging station and know that the plug is going to work and have all of that reliability built in.”


ANNA WONG, Light Duty Vehicle Specialist

“Our incentive programs are meant to reward consumers, fleet operators, manufacturers and communities.”

SYDNEY VERGIS, Chief of
Mobile Source Control Division

CALIFORNIA EXECUTIVE ORDER

 **100% ZEV sales** by 2035

Full transition to
ZEV short-haul/drayage trucks 
by 2035

 Full transition to **ZEV buses & heavy-duty long-haul trucks** 
by 2045*

Regulations play a complementary role with investments in California. In addition to these Executive Orders, the California Energy Commission (CEC) approved a \$1.4 billion 3-year plan for infrastructure construction while CARB is considering an additional \$1.5 billion in clean transportation incentives.

Like Washington, transportation is the largest source of carbon emissions in California (41%). Sydney Vergis described the state's commitment to a full transition to zero emissions to address climate change and also air quality. Policy makers have concluded that battery electric and hydrogen vehicles are the best strategies to decarbonize the transportation system. Accordingly, the state has set aggressive regulatory goals through the Zero Emission Vehicle (ZEV) mandate and the Advanced Clean Truck Rule.

The State has also expanded its incentive programs for transition of passenger, medium and heavy duty vehicles. California continues to offer rebates for electric and hydrogen vehicle sales, with greater incentives directed to sales of zero emission vehicles in locations with air quality challenges. During the 2021 Legislative session, lawmakers authorized funding for the conversion of 1,000 drayage trucks, 1,000 school buses and 1,000 transit buses.

Charging infrastructure for this transition is another top priority for CARB. Analisa Bevan noted that the decarbonization of the transportation sector requires charging infrastructure and that the infrastructure needs to be implemented before zero emission vehicle sales. It will be required across urban, suburban and rural communities and will require solutions for those drivers without off-street parking and those who live in multifamily structures. The California Energy Commission (CEC) has studied the charging infrastructure needs for battery electric and hydrogen-fueled vehicles. The CEC's eVIP program provides a menu of incentives for publicly-available charging installations, up to \$105,000 for a DC fast-charger and up to \$7,500 for a level 2 charger. The LCFS program has supported the construction of 62 hydrogen fueling stations and over 13,000 DC fast-charging stations.

Cheryl Laskowski described how the Low Carbon Fuel Standard (LCFS) market in California has generated \$4 billion in market activity in 2020, up from \$3 billion in 2019. Last year, the policy achieved a

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When these programs are in existence, after the fact assessing, looking for leakage risk, it hasn't really been seen. Some of that might be the level of carbon price, but it is also because most programs do have these leakage minimization measures.

MARK SIPPOLA, Climate Program Development Lead

There are industries like the tomato sector, where you can look at the total tons of tomatoes processed, and that's grown by 50% in the last 20 years. That is what we wanted out of this product benchmark allocation approach. We wanted to reward efficient production within California.

DAVE ALLGOOD, Climate Program Development

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7.5% reduction in the carbon intensity of liquid fuels in California. The 2020 target is an 8.75% reduction and the 2030 goal is a 20% reduction. In the early days of the program, Ethanol was the dominant alternative fuel. Lately, there has been much more energy diversification, with significant increases in electricity, renewable diesel and bio-methane credits. The program is now requiring third party verification and expects full compliance in the first term of this policy.

MEANWHILE, IN TRACK 2, Isaac Kastama, Clean & Prosperous Washington's Governmental Affairs Director guided the second part of the discussion on the implementation of the Cap-and-Trade system with climate leaders from CARB including Mark Sippola, Climate Program Development Lead and Dave Allgood, Climate Program Development.

ENSURING ENVIRONMENTAL JUSTICE

Environmental justice and equity must remain priorities when implementing climate policies across the country, said national climate leader Paula Sardinas, Founder of the Washington Build Back Black Alliance. She led a robust and in-depth conversation with Ambreen Afshan, Environmental Justice Lead, CARB; Debra Entenman, Representative, Washington State Legislature; Alyssa Macy, CEO, Washington Environmental Council and Rajinder Sahota, Co-Chair of CARB's Diversity and Racial Equity Task Force.

After a long day of technical presentations, this panel of BIPOC women brought passion and humanity into the conversation, interweaving the personal stories that brought them to this work by highlighting practical lessons from community engagement.

Afshan and Sahota both touched on CARB's efforts to improve their diversity hiring within the agency, and how critical this is to the work they are doing in both engaging with and working on behalf of the communities they serve:

"You need to work holistically, as opposed to a piecemeal approach, and we have to acknowledge past and current injustices, not turn a blind eye."

"You need to build trust, using non-traditional approaches through community organizations, faith based organizations, and youth organizations. We provide direct funding for capacity building so they can bring solutions to us." Ambreen Afshan

"Here is what I have learned. Over decades and decades there have been decisions at federal, state and local levels that have resulted in the injustices we see today. Communities have tried over and over again in different venues to be heard, to be listened to and have somebody help address those concerns and they have felt that this has not happened." Rajinder Sahota

Representative Entenman spoke about the need for policy to have a people-centric approach, and the role of apprenticeship and workforce development through the lens of environmental justice:

"We have to think about our policy in terms of people, not just these wonderful ideas. That is the voice I try to bring to the legislature and that is what I think about when what we want to do is to improve the climate and improve the lives of the people impacted."

"I think that we should be intentional about that workforce development because we have to admit that what we have done in the past has harmed people and



There is going to be frustration and anger and it's not about you; it's not about you personally. It's about the system. Our goal as regulators is to let that play out, then ask 'what would be helpful for you'?

RAJINDER SAHOTA, Co-Chair of CARB's Diversity and Racial Equity Task Force





Environmental justice is an essential component of Washington's Cap and Invest legislation. Paula Sardinias, founder of the Washington Build Back Black Alliance, moderates a panel of California and Washington leaders, including Washington State Representative Debra Entenman, on how to integrate race and social justice values into climate policies and implementation plans.

as a way to repair and to move forward in a positive way we need to think of those underrepresented communities and make sure they are not left out in this transition."

Alyssa Macy spoke about the origin of tribal treaty rights in Washington, and the collective agreement for environmental stewardship that these represented. She talked about how initially the environmental justice perspective in Washington was not including Black and Indigenous perspectives, but when these voices came to the table they were the critical actors that got the CCA passed:

"It was the tribes and the black led movement that passed the CCA. It was an example of how the community can come together and do the hard work."

"I think we're the ones we've been waiting for," said Macy, as the group recommitted to "humanizing" the policy and ensuring environmental justice takes front and center during rulemaking and implementation.

FRIDAY'S SESSIONS began with a discussion of Carbon Reduction on Tribal Lands. Katelyn Roedner Sutter, U.S. Climate Senior Manager, Environmental Defense Fund shared stories from Javier Kinney, Carbon Projects Manager, Yurok Tribe. A video from the Tribe highlighted economic development and natural resource initiatives that are supporting the Yurok Tribe's sustainability and sovereignty. Sutter described how the offset programs in the California Cap-and-Trade system are providing the Tribe with unrestricted funding that has allowed them to make those investments and to repurchase some of their traditional lands outside of their reservation. Specifically, according to the Tribe, its participation in

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My work in this space is not as an environmentalist. I am a native woman walking in my values. My community and the folks I work with will fight for salmon, for access to our lands, for water, for all of those things and we are not just fighting for us, we are fighting for you.

ALYSSA MACY, CEO,
Washington Environmental
Council

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With the work that we are doing along the river, natural resources, dam removal, condor reintroduction, redwood canoes, cap and trade, our language, the Yurok tribe is moving. Now's our time.

JOE JAMES, Yurok Tribe Chairman

the Cap-and-Trade Program has enabled them to re-acquire approximately 50,000 acres of lands within the Yurok ancestral territory from a large private timber company. "These lands, once managed solely for commercial timber purposes are now being managed for multiple uses, including: carbon sequestration, old growth forest restoration, watershed restoration and sediment reduction, anadromous fisheries restoration, cultural purposes and endangered species protection," the Tribe's Combating Climate Change report details.

Roedner Sutter was a key resource to Washington policymakers through the passage of the Climate Commitment Act. She answered audience questions on linkage and directed Washington policymakers to a paper by Dallas Burtraw on the specifics of integrating carbon reduction programs through linkage.



Kathy Taylor described the seven rulemakings that Ecology is conducting concurrently to implement the Climate Commitment Act and the Clean Fuels Standard. She encouraged the participants to engage in the rulemaking process, sign up for the listservs and help the department launch these programs effectively in early 2023.

"It's a high priority for EDF to work with Washington on the bill and on implementing it through rulemaking." Katelyn Roedner Sutter

ENTREPRENEURS IN ACTION

Next, entrepreneur and Clean & Prosperous Washington founder David Giuliani, best known for his invention of the Sonicare toothbrush, provided inspiring remarks by describing five "Super Powers" to address climate change:

1. POWER OF THE STATES:

David reminded us of California's pioneering model which showed us that a state acting alone can move the needle. However, it is far more powerful when multiple states act together on a path to national progress around climate change.

"Never doubt that a small group of states banding together can change the nation."

DAVID GIULIANI

2. POWER OF TECHNOLOGY & PLANNING:

"We need a master planning system," Giuliani said, "informed by other states' experience." And we need to use this planning system to attract financial capital to the most productive technologies.

3. POWER OF PARALLELISM:

Because we have less than three decades to make this happen, we need all hands on deck, all sectors involved – including aerospace, marine and food. "It's more than EVs and solar panels," he cautioned.

4. POWER OF RESPONSIVENESS:

Constraints are shifting, Giuliani said. Take clean electricity, for example. Electrifying everything is a good strategy, but only if we have enough clean electricity, when and where we need it."

5. POWER OF ENTREPRENEURS & PRIVATE SECTOR:

Giuliani noted that policies lay out rules of the road and provide a market. But it's industry and entrepreneurs that do the real work of getting results.

"We have a very powerful tool in the Climate Commitment Act. Together, let's fulfill its potential."

DAVID GIULIANI

Other entrepreneurs and business leaders discussed how they are managing and prospering within the Cap-and-Trade system, including Gustavo Occhiuzzo, Green Commuter/EVCS; Salim Youssefzadeh, WattEV; Bob Houston, Houston Magnani and Associates; Victoria Johnson, Sacramento Housing and Redevelopment Agency; Tim Shannon, Twin Rivers Unified School District; Michael Boccadoro, Dairy Cares and Erick Watkins, Pacific Coast Producers.

The group highlighted some of their environmentally-and economically-progressive projects including:

WATTEV

Building electric truck stops along I-5, 40mW of solar with battery backup and fast charging for trucks. WattEV is exploring how transportation-as-a-service (TaaS) can help reduce the upfront cost of transitioning heavy duty vehicles to electric.

GREEN COMMUTER/EVCS

Already having developed 262 locations, EVCS is creating a reliable and accessible EV charging infrastructure. EVCS is the owner of the West Coast Electric Highway in Oregon and Washington.

HOUSTON MAGNANI & ASSOCIATES

As an energy-intensive, trade-exposed industry (EITE), the cement industry is a regulated party in California and will be in Washington. Magnani described how the cement industry has worked with CARB to determine a path to carbon neutrality for the industry by 2045, including identifying the challenges with mitigating process emissions.

“Without carbon capture technologies, the industry can’t reach carbon neutrality,” noted Bob Houston, Houston Magnani and Associates.

SACRAMENTO HOUSING & REDEVELOPMENT AGENCY

SHRA is building Mirasol Village, a 500-unit mixed-income housing community

with parks, solar panels, EV car share, a light rail station, bike paths, an early childhood education center and more. Some of the funding for these projects has come from the Transformative Climate Communities and Affordable Housing and Sustainable Communities accounts from the California Climate Investment authorizations.

“Our success will come from how the children in this community grow up and learn how to live with a light footprint,” said Victoria Johnson, Sacramento Housing and Redevelopment Agency on Mirasol Village.

TWIN RIVERS UNIFIED SCHOOL DISTRICT

Home to the largest electric school bus fleet in North America. With 43 of their 120 diesel buses converted to electric and plans for another one-third in place, this transition has resulted in fuel savings of 60-80% and improved air quality for the drivers, the school children and the local community.

DAIRY CARES

California produces about 20% of the dairy products in the country. Over the past five decades, the industry has reduced the carbon footprint of a glass of milk by 45%, using 88% less land and 89% less water. With 145 digesters now operating in California through a \$2 billion total investment (\$600-700 million from Cap-and-Trade), the Golden State is working towards a reduction of 23.2 metric tons of CO₂ within the next 10 years, or a 40% reduction in methane emissions. The dairy digester program uses 2.1% of California’s climate investment account and is providing 29% of all of the reductions, generating carbon reductions at about \$9 per ton of GHG emissions.

PACIFIC COAST PRODUCERS

Thanks to a Cap-and-Trade grant, PCP was able to build a 94-foot-tall evaporator that has saved 85% in steam usage for tomato processing, for 19,00 MT CO₂ annual savings.

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Everything we are doing here is based on a voluntary, incentive-based program. There is no regulation, and that is a good thing. If we tried to regulate, all we would get is leakage. Dairies would simply move out of state.

Over the past 50 years, the dairy industry has reduced the carbon footprint of a glass of milk by 45 percent.

MICHAEL BOCCADORO,
Dairy Cares

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Craig McNamara describes how compost application has increased the carbon content of his family's walnut farm to Karl Dye, President and CEO of the Tri-City Development Council (TRIDEC).

SEEING IT ALL COME TO LIFE

Attendees were transported in GreenPower Motor Company's EVSTAR all-electric shuttle vans provided by Green Commuter to tours to see Cap-and-Trade investments at work in California.

TOUR #1: COMPOST APPLICATION THROUGH HEALTHY SOILS PROGRAM

THE SIERRA ORCHARDS FARMS IN WINTERS is a family-owned walnut orchard using Cap-and-Trade funds to apply compost to improve soil health and sequester carbon. Craig McNamara described how this application has increased the soil carbon content from 1.5% to 5% across his farm. Attendees learned how the family farm is improving its crop yield and enhancing its revenues through carbon markets. By sequestering carbon in the soil, regenerative farming practices can play a vital role in helping to mitigate climate change.

The next stop demonstrated Energy Efficient Food Processing at **PACIFIC COAST PRODUCERS IN WOODLAND**. Owned by 150 family farms, Pacific Coast Producers processes tomatoes into just about every canned tomato product you would find in a supermarket. The company is actively navigating the Cap-and-Trade systems to reduce processing emissions. The critical industry of food production is energy intensive, but with grants allowing for new energy efficient food processing projects, Pacific Coast Producers is finding new solutions including Thor, a \$10 million evaporator that is saving 85% of steam usage for tomato processing.



Tour attendees get an up-close perspective of a carbon reduction investment, the 94-foot tall evaporator, named Thor. This energy efficiency investment was supported by California Cap and Trade auction revenues. "The project would not have happened without the carbon reduction incentive," described Erick Watkins from Pacific Coast Producers.



Ray Manalo describes to Reps. David Hackney, Debra Entenman and other tour attendees how the Twin Rivers School District has used incentives to electrify nearly 2/3rds of their fleet. “Our biggest motivation in switching fuels is the health benefits for our students and communities.”

TOUR #2: DIESEL VEHICLE FLEET CONVERSION AT TWIN RIVERS UNIFIED SCHOOL DISTRICT IN SACRAMENTO

The largest electric school bus fleet in North America, Twin Rivers Unified School District has already converted 43 of its 120 diesel buses to electric and has plans for another one-third of the fleet. Attendees were able to take a ride in one of the electric school buses and learned how the district is using Cap-and-Trade funds and other sources to implement the impressive fleet conversion.

TOUR #2 CONTINUED WITH THE SUSTAINABLE COMMUNITIES & AFFORDABLE HOUSING AT MIRASOL COMMUNITY IN SACRAMENTO

Funded in part with Cap-and-Trade funds, the Sacramento Housing and Redevelopment Agency is creating Mirasol Village—an urban sustainable community. The affordable housing community will feature solar distributed energy and transit, a new 1.2 acre city park, a 2/3 acre community garden with a free tree orchard and garden learning center, electric bike share, bike paths and more.



The Sacramento Housing Authority is creating affordable housing in a transit-oriented development with funding from carbon auction revenues.

TOUR #3: ANAEROBIC DAIRY DIGESTER AT VAN WARMERDAM DAIRY IN GALT

Dairy farms can deliver much needed short-term methane reductions and California’s two dairy methane reduction programs are among the state’s most cost-effective tactics for reducing greenhouse gas emissions. Attendees were invited to tour the facility and learn from the dairy farmer, project developer and Dairy Cares on how to replicate these essential programs.

Photo at right: Rep. Mary Dye and tour attendees hear about how methane reduction at dairies have produced 29% of California’s GHG reductions, using only 2.9% of state investment dollars.



REACTIONS FROM ATTENDEES

Great networking. WELL planned agenda. Good mix of speakers, sessions, and activities.

Thanks again for a very productive and well-planned trip.

Thanks so much for putting together such a great study mission trip last week. We learned A LOT!

I enjoyed the Study Mission you did a great job in putting it all together.

The content and the presentations were excellent. It was time well spent for me and our company. Well done!

It was my great pleasure to meet you and your inspiring team from Washington.

Thanks again so much for putting on a great event in Sacramento. I found it to be very informative and made some great contacts there.

Very well done trip!!! Good diversity of speakers and especially appreciated the diversity of attendees.

THANK YOU TO OUR SPONSORS



We are deeply grateful to our sponsors who helped to make this trip possible, including Amazon, EDF, Green Commuter, EVCS, and the GreenPower Motor Company. We also thank our hosts, the historic Citizen Hotel in downtown Sacramento and the Rio City Cafe in Old Sacramento. And a very big thank you to those of you who joined us on this informative trip. We hope you agree it was worth your time as we bring the Climate Commitment Act to life and explore more on the horizon, all in the spirit of getting us to net zero by 2050!

Full presentations and video recordings of the conference are available [HERE](#).

CALIFORNIA STUDY MISSION



Thursday, October 21 – Friday, October 22, 2021
The Citizen Hotel, Downtown Sacramento

OUR PARTICIPANTS

ELECTED OFFICIALS

REUVEN CARLYLE, Senator

36th Legislative District Washington State

Sen. Carlyle was the prime sponsor of the landmark Climate Commitment Act, establishing a cap-and-invest system to steadily reduce carbon emissions within a market-based framework that will empower Washington to build a 21st century, net-zero emissions economy. Reuven chairs the Environment, Energy & Technology Committee and he serves on the Ways & Means and Rules committees. Carlyle was lead sponsor of the Clean Transformation Act, moving the state's electric utilities completely off coal by 2025 and to 100-percent clean and renewable energy by 2045, putting Washington on track to meet Paris climate agreement goals.

MARY DYE, Representative

9th Legislative District Washington State

Rep. Dye is the Ranking Member of the House Environment and Energy Committee. She graduated from the Pacific Northwest Economic Region Foundation's Legislative Energy Horizon Institute, which educates state legislators on the North American energy infrastructure and delivery system. With her husband, Mary operates a 3,000-acre wheat farm and tends to 3,000 sheep on the farm. She has been a lifelong advocate for causes that ensure freedom and prosperity for American farmers, and protect critical infrastructure and technology relating to agriculture, natural resources and transportation.

DEBRA ENTENMAN, Representative

47th Legislative District Washington State

Debra Entenman is a former non-traditional student who is passionate about education for people of all ages and stages of life. That passion stems from her own experiences, as well as her family's experiences, in pursuing higher education. Debra went back to school after her own children were ready to enter college. At Highline Community College and Seattle University, she studied political science and went on to serve as District Director for Congressman Adam Smith. She was appointed to the Board of Trustees at Renton Technical College in 2015.

JAKE FEY, Representative

27th Legislative District Washington State

Rep. Fey serves as Chair of the House Transportation Committee and as a member of the House Environment and Energy Committee. In addition, Jake serves as the Vice Chair of the Council of State Governments' Transportation Committee. One of Jake's top priorities in the legislature is ensuring a cleaner, more sustainable transportation system for our state. In 2019, Jake introduced the Green Transportation bill, aimed at helping switch to electric vehicles and cleaner fuels, with incentives to buy electric vehicles and help to build the infrastructure to charge electric vehicles in the State. The new law also offers grants to help mass transit agencies electrify their fleets.

DAVID HACKNEY, Representative

11th Legislative District Washington State

Rep. Hackney currently serves as Vice-Chair of the Capital Budget Committee and as a member of the Transportation and Public Safety Committees. He is interested in learning more about clean energy and the best environmental and climate policies for major ports. Among other career posts, David served as the Senior Counsel for Global Human Resources at The Nature Conservancy. He earned a bachelor's degree from Cornell University and a J.D. from Harvard University Law School. David represents a majority-minority district near the Port of Seattle.

ATTENDEES

MATT BABBITTS, Energy Resources

Program Manager

Clark Public Utilities

Matt has served the Clark Public Utilities for nearly 14 years. Clark PUD is a consumer owned utility located in Clark County, WA. As a program manager in the Energy Resources department at Clark, Matt tracks the different state energy policies including the Climate Commitment Act.

KURT BECKETT, Chief Operating Officer & SVP – Public Affairs
S360

Kurt has nearly two decades of experience in high-level organizational strategy, management, operations, capital programs, marketing, and public affairs. He currently works on several large renewable energy projects in Washington state with S360, a leading public affairs, communications, research, marketing, and creative services firm. Prior to S360, Kurt worked as Deputy CEO for the NW Seaport Alliance and Port of Seattle, and for U.S. Senator Maria Cantwell and Congressman Norm Dicks.

JOHN BLUE, West Coast Representative
International Emissions Trading Association

John Blue is the West Coast Representative for the International Emissions Trading Association, and Principle at Acorn West Associates. He has decades of experience in state environmental programs, and is focused on public policy, regulatory affairs, and advocacy in the energy and climate space.

BRIAN BONLENDER, Principal
Lodestar Strategic

Brian is the Principal at Lodestar Strategic, a public and government affairs consulting firm based in the Pacific Northwest. He is the past Director of the Washington Department of Commerce. Brian is an experienced executive and public/government affairs advisor, working with business and government leaders on local, state, federal, and international levels. He has deep knowledge in public policy and multiple industry sectors, including life sciences, clean tech, tech, maritime, and aerospace.

JOHN BRIGHAM, Sr. Vice President
Cedar Grove Composting

John has worked for Cedar Grove Composting for over 30 years. During this time, Cedar Grove has developed into a leading organic green and food waste recycler. In his role, John has been involved in the review of technologies such as anaerobic digestion, as well as the registration of carbon credits.

MEL CLARK, President & CEO
CleanTech Alliance

Mel has 20 years of nonprofit leadership experience, as well as for-profit business experience in real estate and human resources. Headquartered in Seattle, the CleanTech Alliance represents over 1,000 member organizations spanning 10 US states and 3 Canadian provinces. The Alliance facilitates the generation and growth of clean tech companies through networking events, public policy advocacy, commercialization, and business development.

MICHAEL COATES,
Government Relations
WattEV

Michael serves as the government relations representative for WattEV, a company dedicated to electrifying heavy duty transport through the creation of dedicated infrastructure and innovative fleet solutions.

STEPHANIE COOK,
Vice President, Operations
TransWest

Stephanie is responsible for the success of shuttle operations, car services, valet, and parking solutions for TransWest. As a fast-growing mobility disruptor, TransWest develops custom transportation solutions for some of the most well-respected brands in the world. Stephanie leads a team of over 300 operations, fleet, safety, compliance, and training professionals to continuously improve current service lines while preparing for new account rollouts.

PATRICK CUMMINS, Senior Policy Advisor
Colorado State University Center for the
New Energy Economy

Patrick was the Project Manager for the Western Climate Initiative (WCI) from its beginning in 2007 until 2012 when he became the first Executive Director of WCI, Inc. He served in that role until the linked, economy-wide cap-and-invest program was fully implemented in 2015. He has worked with Western states on air quality and climate programs for more than 30 years, and currently assists Western states, utilities, and others with programs to accelerate the West's transition to clean energy across all sectors of the economy.

BRENT DOWNEY, Manager -
Environmental Affairs
Kaiser Aluminum

Brent is the Environmental Affairs Manager at Kaiser's Trentwood facility in Spokane Valley. Kaiser Aluminum produces sheet and plate products that are utilized in a variety of industries. Kaiser would like to get a better understanding of the potential linkage with California.

KARL DYE, President & CEO
Tri-City Development Council (TRIDEC)

Karl became President & CEO of the Tri-City Development Council (TRIDEC) in February 2020. Established in 1963, The Tri-City Nuclear Industrial Council, today known as TRIDEC was organized for the purpose of promoting and advancing the economic strength and diversity in Benton and Franklin counties. TRIDEC is a unifying voice that stimulates and sustains economic growth and diversity.

DAN EVANS, Co-founder and President
Promus Energy

Dan has been involved in energy projects, policy, and permitting for over 30 years. He served 20 years as a senior advisor to members of Washington's Congressional delegation, seven years with a NW law firm, and as an independent consultant on energy, water, and other resource initiatives. Dan was co-lead investigator of a 2012 federal and state funded study of the feasibility of converting dairy digester operations from the production of power to RNG.

NICOLAS GARCIA, Policy Director
Washington Public Utility Districts
Association (WPUDA)

Nicolas leads WPUDA's efforts to review and respond to policy proposals, legislative bills and draft regulations affecting electric utilities. Specifically focus on grid reliability, environmental stewardship and compliance, market development, and transmission (access, needs & development).

JAY GORDON, Policy Director
Washington State Dairy Federation

Jay has 30 years of conservation and environmental policy experience, and he has represented and supported Dairy Farmers in Washington for 20 of those years. The Washington State Dairy Federation represents 300 Washington dairy farms on regulatory, legislative and policy matters. Jay also runs an 8th generation family farm in the Chehalis valley.

VLAD GUTMAN-BRITTEN,
Washington Director
Climate Solutions

Vlad brings varied and deep experience in policy, advocacy, and campaign politics to his work at Climate Solutions. He is responsible for guiding policy development and building an integrated communications, advocacy, and government affairs strategy to foster a clean energy economy in Washington. Vlad was a key lobbying force behind the passage of the Climate Commitment Act.

DR. JEREMY HESS, Professor
University of Washington Center for Health
and the Global Environment (CHaNGE)

Dr. Hess is Professor of Environmental and Occupational Health Sciences, Global Health and Emergency Medicine at the University of Washington. He serves as the director of the UW Center for Health and the Global Environment (CHaNGE). His research interest is in climate change and health, including climate change adaptation in the health sector and health co-benefits of efforts to reduce greenhouse gas emissions. He is also very interested in advancing public health practice related to climate change through development and implementation of interventions to reduce climate change risks.

KEN JOHNSON, Vice President of
Regulatory and Government Affairs
Puget Sound Energy (PSE)

Ken joined PSE in 2006 and today serves as the company's liaison with the Washington Utilities and Transportation Commission (WUTC). Ken's focus is on federal, regional, state and local policies. During his tenure, the regulatory affairs team has worked with Commissioners and WUTC staff, as well as customer, low-income and environmental advocates to set fair and just rates for electric and natural gas service, enabling PSE to provide customers with safe and reliable service in a time of rapid technological change and increasing climate concerns.

JANET KELLY, DIRECTOR,
State & Federal Government Affairs
Puget Sound Energy (PSE)

Janet joined Puget Sound Energy in 2008. She and her team support PSE's lobbying activities in Washington D.C., state legislative affairs in Helena, Montana, and public policy analysis. She has led and participated in policy initiatives related to tax reform, PSE's energy supply and transportation.

CHARLES KNUTSON,
Senior Manager, Public Policy
Amazon

Charles serves as Senior Manager, Public Policy at Amazon and leads Amazon's government affairs in Washington state. Prior to this, Charles served as Senior Advisor for Innovation and Global Affairs to Governor Jay Inslee. In this role, he provided strategic counsel to the Governor on economic development and international issues, led policy initiatives and worked with the Washington State Departments of Commerce, Transportation and Revenue, other agencies, the Legislature, tribes and stakeholders to grow jobs across the state.

LORNA LUEBBE, Assistant General Counsel
and Director of Environmental Services
Puget Sound Energy (PSE)

Lorna has served PSE for 19 years, envisioning a clean energy future and is steering the company firmly in that direction while deftly advancing the company's obligations to meet customer demands today. She brings science and reasoning to the eternally gray areas of the law.

ALYSSA MACY, CEO
Washington Environmental Council (WEC)

Alyssa leads the Washington Environmental Council, the state's largest statewide environmental organization. She is the first person of color to lead the organization. The mission of WEC is to develop, advocate, and defend policies that ensure environmental progress and justice by centering and amplifying the voices of the most impacted communities.

RICHARD MARTINEZ, Senior Vice President,
Director Municipal and Specialty Banking
Kitsap Bank

Richard is an executive with Kitsap Bank, a banking institution committed to protecting the environment and serving as responsible stewards of our limited natural resources. Kitsap Bank's commitment to sustainable practices begin by supporting small businesses in their communities, reducing their carbon footprint and growing their local economies.

LINDSAY MCCORMICK,
Policy and Program Specialist
CleanTech Alliance

Lindsay serves the CleanTech Alliance as a Policy and Program Specialist.

DEBBIE MEEKS, Corporate Relations
Shell

Debbie joined Shell's Corporate Relations in September 2021 and focuses on decrypting proposed West Coast carbon and fuels policy in search of opportunities to collaborate. Debbie started as a process engineer moving to technical sales and retail management over her 30+ year career. She brings with her an eye for the bottom line.

DAVID B. MENDOZA,
Director of Advocacy & Engagement
The Nature Conservancy in WA

David leads the state and federal lobbying and policy communications staff of The Nature Conservancy (TNC) in WA. As part of the world's largest global conservation organization, TNC WA is dedicated to sustaining and enhancing a healthy relationship between people and nature. Prior to working at TNC, David has worked for organizations rooted in communities of color as well as state and local governments. As an environmental justice advocate, he has shaped climate policy in Washington state and played a critical role in developing the HEAL Act. He also served as Co-Chair on the state Environmental Justice Task Force.

NATE MILES, Board Chair Emeritus
Urban League of Metropolitan Seattle

Nate leads the Urban League's strategic initiatives that generate public policy and broad support from traditional and non-traditional allies. Nate serves and/or has served on a number of boards, including the NAACP Special Contributions Fund, National Action Network Corporation Advisory Committee, the University of Washington Foundation, Puget Sound Regional Council – Economic Development Board, Association of Washington Business, and Seattle City Club. Nate was designated as one of "30 Leaders of the Future" by Ebony Magazine.

CLAYTON MUNNINGS, US Strategic Advisor
International Emissions Trading Association

Clayton Munnings is US Strategic Advisor at the International Emissions Trading Association, Researcher at Kepos Capital LP, Founder of Munnings Consulting LLC, and PhD Student at the Energy and Resources Group of UC Berkeley. He is focused on improving and understanding the design and performance of carbon pricing and carbon offsetting systems.

GRANT NELSON, Founder
True North Public Affairs

Grant is the founder of True North Public Affairs in Olympia, Washington. Grant represents a wide variety of public and private sector clients on climate policy including Ash Grove Cement Company, the Washington Rural Electric Cooperative Association, the Washington Public Utility Districts Association and Invenergy, LLC.

GUSTAVO OCCHIUZZO, CEO
Green Commuter and EVCS

Gustavo is a 28-year veteran entrepreneur from Buenos Aires. In 2014, Gustavo founded Green Commuter, a first-of-its-kind software platform that manages 100+ zero-emission vehicles for vanpool and car sharing services. The fleet allows commuters to travel to and from work in a clean, all-electric zero-emission vehicle. Inspired by the lack of publicly accessible charging stations to support Green Commuter's fleet, Gustavo co-founded EVCS; a vertically integrated electric vehicle charging network that currently has 500+ EV charging stations in its network and 1,500+ additional EV chargers under construction throughout California, Oregon and Washington. EVCS operates the West Coast Electric Highway in Oregon and Washington.

MICHELLE ORROCK,
West Coast Government Affairs
bp America

Michelle has more than 15 years of experience in policy, advocacy and communications working in highly regulated industries.

ANTHONY PENNINO, Carbon Lead/
Business Development Director
Myno Energy

Anthony has an international career in environmental consulting for energy industry clients, spanning over 25-years. Myno is focused on sequestering carbon at capital-efficient scale. Myno works closely with customers to make biochar from their waste streams. This biochar is then used to increase agricultural yields, to improve forest productivity, or to store carbon in materials such as concrete and asphalt.

DAVID REEPLOEG,

Vice President for Federal Programs
Tri-City Development Council (TRIDEC)

David leads TRIDEC's efforts to grow the Tri-Cities's presence as a hub for clean energy-related R&D, manufacturing, and generation. Additionally, David works to support federal missions at the U.S. Department of Energy's Pacific Northwest National Laboratory (PNNL) and Hanford Site.

ALBERT SARDINAS, Chief of Staff

and VP of Public Policy
FMS Global Strategies and Washington
Build Back Black Alliance (#WBBBA)

Albert is the Chief of Staff and VP of Public Policy for FMS Global Strategies, LLC, and FMS Global Cares, LLC. FMS Global Strategies is a member organization of the Washington Build Back Black Alliance. He serves as a subject matter expert for cannabis social equity, construction, appropriations, small businesses, and emergency preparedness issues.

PAULA SARDINAS, President & CEO

FMS Global Strategies, LLC and Washington
Build Back Black Alliance

Paula currently serves as the President/CEO of FMS Global Strategies, LLC, a #Black and other #BIPOC Governmental Affairs Advocacy firm, and The Purpose Driven Girl, a 501(c)(3) nonprofit, focused on empowering #BIPOC women and girls who are often unable to use their voice—due to intersectionality and structural racism. FMS Global Strategies is a member organization of the Washington Build Back Black Alliance (WBBBA). Paula's public policy career spans 28 years. In 2020, she was named by 425 and Sound Magazine as one of six "Women to Watch." Paula was a key voice in the passage of the Climate Commitment Act.

GUS SIMONDS, CEO

MacDonald-Miller Facility Solutions

Gus is the CEO of MacDonald-Miller (MM), a 1,500 employee Design/Build and Service Mechanical Contractor in the Northwest. MM has engineered and built many of the largest mechanical systems in the Puget Sound region of Washington state - Rainier Square, Microsoft Campus and The Convention Center expansion MacDonald-Miller services over 2,000 buildings in the Northwest.

GREGG SMALL, Executive Director

Climate Solutions

Gregg leads Climate Solutions, a regional environmental NGO. He brings nearly 25 years of experience working on environmental and public policy issues, overseeing a staff of 24 policy experts, campaigners, innovators, and researchers across three Northwest offices, providing strategic direction for one of the most effective regional climate and clean economy organizations in the nation. He helped to

found the Washington-based Alliance for Jobs and Clean Energy and Renew Oregon.

KATHY TAYLOR, Air Quality Program Manager

Washington State Department of Ecology

Kathy leads Ecology's Air Quality Program, a team of over 150 scientific, technical and regulatory personnel responsible for developing and implementing rules, regulations, and programs to meet state and federal requirements related to air quality and greenhouse gas emissions.

ANTHONY WILLIAMS, California Director of Public Policy

Amazon

Anthony previously served as Governor Gavin Newsom's first Legislative Affairs Secretary and now serves as a Member of the Board of Directors of the California High Speed Rail Authority. Anthony received his B.A. degree in Political Science from U.C. Davis, a Master of Public Policy degree from Harvard University's John F. Kennedy School of Government, and a Juris Doctorate degree from McGeorge School of Law with distinction.

TOM WOLF, Senior Government Relations Manager, US West Coast

bp America

Tom is a communications executive with more than 30 years of experience creating, managing and implementing multifaceted campaigns for corporate, government and not-for-profit clients. He has particular expertise in energy policy, message development, community outreach, presentations, events management, government relations/lobbying, media relations, crisis response, writing, editing, media training and budget development.

SALIM YOUSSEFZADEH, CEO & Co-Founder

WattEV

Salim is the CEO and Co-Founder of WattEV with a mission to speed up the transition of US trucking transport into zero emission faster than anyone could expect. WattEV uses a combination of business and technology innovation to create infrastructure and data driven workflow that provides truckers and fleet operators the lowest total cost of ownership. Salim graduated from UCLA (2011) with a BS in Electrical Engineering with emphasis on Computer Science and a BS in Applied Mathematics and graduated Cal Poly San Luis Obispo (2014) with a MS in Electrical Engineering and an MBA.

EMIL YOUSSEFZADEH, Co-Founder

WattEV

Emil is a co-founder of WattEV. The Company's mission is to speed up the transition of US transport into zero emission faster than anyone could expect. We use a combination of business and technology innovation to create infrastructure and data driven workflow that provides fleet operators the lowest total cost of ownership.

PANELISTS

ANBREEN AFSHAN, Office of Environmental Justice Program Manager

California Air Resources Board (CARB)

Ambreen manages CARB's Office of Environmental Justice and efforts to advance racial equity, address environmental justice, inform community engagement, outreach, and partnership buildings. She has worked for the CARB since 2006. She led CARB's racial equity effort with the California Capital Cohort of the Government Alliance on Race and Equity (GARE).

DAVE ALLGOOD, Cap-and-Trade Program Industrial Allowance Allocation Lead Staff

California Air Resources Board (CARB)

Dave has worked in California's Cap-and-Trade Program since 2009. He currently works on industrial allowance allocation and carbon neutrality as it applies to industry. Prior to this work, he worked with the California food processors to develop industrial efficiency benchmarks.

ANALISA BEVAN, Zero Emission Infrastructure Specialist

California Air Resources Board (CARB)

Analisa coordinates CARB's internal and external zero emission infrastructure activities. She has been with CARB since 1992 and for most of that time has managed the light-duty ZEV program. In her current capacity at CARB she is focused exclusively on infrastructure while expanding to include medium-, heavy-duty and off-road sectors as the state embarks on a full transition to zero emission.

MICHAEL BOCCADORO, President, West Coast Advisors and Executive Director

Dairy Cares

Michael has worked in California public affairs for over 38 years. He has served as Executive Director of Dairy Cares, a statewide dairy sustainability coalition, since 2000 where he has championed Planet-Smart Dairy practices including world-leading dairy methane reduction efforts. He is currently President of West Coast Advisors a leading environmental policy consulting firm specializing in water, energy, climate, natural resources and sustainability issues.

MATT BOTILL, Industrial Strategies Division Chief

California Air Resources Board (CARB)

Matt is the Chief of the Industrial Strategies Division. The division is responsible for designing and implementing several of the state's climate programs, including the Cap-and-Trade Program and Low Carbon Fuel Standard. Matt also serves as the agency's policy lead for natural and working lands, including their relationship to climate policy.

DALLAS BURTRAW,

Darius Gaskins Senior Fellow
Resources for the Future

Dallas is the Darius Gaskins Senior Fellow at Resources for the Future where he has worked to promote efficient control of air pollution and provided technical support in the design of carbon dioxide emissions trading programs in the US and EU. Burtraw currently serves as Chair of California's Independent Emissions Market Advisory Committee. Burtraw holds a PhD in economics and a master's degree in public policy from the University of Michigan and a bachelor's degree from the University of California, Davis.

RICHARD COREY, Executive Officer
California Air Resources Board (CARB)

Richard has over 30 years of professional experience in the air quality and climate change field. Prior to his appointment as Executive Officer, he served as Deputy Executive Officer, Chief of the Stationary Source Division, as well as various management positions throughout the organization. CARB's team of approximately 1,700 engineers, scientists, technicians, analysts, are responsible for a broad range of programs including those concerning cleaner emission standards for motor vehicles and equipment, fuels, climate, and air toxics, including billions of dollars in incentives to support the transition to zero emission technologies.

AMANDA HANSEN, Deputy Secretary
for Climate Change

California Natural Resources Agency

Amanda drives the Agency's efforts to build California's resilience to climate impacts and accelerate the contribution of nature-based solutions to meeting the state's ambitious climate goals. She also coordinates the Agency's national and international climate engagement. Amanda previously worked on climate issues for the Governor of New York, the White House Council on Environmental Quality, and U.S. Department of State.

BOB HOUSTON, President and
Legislative Advocate

Houston Magnani and Associates

Bob has thirty-eight years of business experience in Governmental Relations; purchasing; office management; and office service with Henry J. Kaiser's Affiliated Companies. In his capacity with Kaiser, he was responsible for developing, implementing and managing many ongoing programs and special projects for the various Kaiser entities, and he has interfaced with both the public and private sectors on a broad range of issues of interest to the manufacturing, mining, engineering, construction, transportation and industrial communities.

VICTORIA JOHNSON, Assistant Director
of Development
Sacramento Housing and
Redevelopment Agency

Victoria oversees the Mirasol Village neighborhood redevelopment project and the Agency's non-profit affiliates. Over the past 20 years, she had led efforts to construct over 2,500 affordable housing units in Florida and California. She has previously owned a M/WBE certified building company and is a passionate advocate for sustainable and equitable urban revitalization. Ms. Johnson earned a Master's degree in Urban Planning from Florida Atlantic University and is a LEED Accredited Professional.

JAVIER KINNEY,
Carbon Projects Manager
Yurok Tribe

Javier is a Yurok Tribal citizen and currently serves as the Carbon Project Manager for the Yurok Tribe. He has a B.A. Degrees in History and Native American Studies from the UC Davis, a M.A. degree in Law & Diplomacy, specializing in Development Economics and International Law from Tufts University-Fletcher School of Law & Diplomacy, and a Juris Doctorate from Suffolk Law School. Mr. Kinney has extensive experience advising Tribal governments with expertise in areas of natural resources management, climate change and resiliency, public policy, economic development, youth empowerment, land acquisition, tribal governance, grant management, protection of tribal cultural resources, strategic alliances, and partnerships.

CHERYL LASKOWSKI,
Transportation Fuels Branch Chief
California Air Resources Board (CARB)

Cheryl Laskowski oversees CARB's Low Carbon Fuel Standard program. She previously served as CARB's Deputy Legislative Director, and Policy Manager for California Climate Investments. Prior to public service, Cheryl led local and regional climate planning efforts throughout Southern California.

LIANE RANDOLPH, Chair of the Board
California Air Resources Board (CARB)

Liane is Chair of the California Air Resources Board. Previously, she was a Commissioner at the California Public Utilities Commission, Deputy Secretary and General Counsel at the California Natural Resources Agency, and Chair of the California Fair Political Practices Commission. Randolph earned a Juris Doctor degree from the University of California, Los Angeles School of Law and has practiced law in private practice and as the San Leandro City Attorney.

RAJINDER SAHOTA, Deputy Executive
Officer of Climate Change and Research
California Air Resources Board (CARB)

Rajinder is the Deputy Executive Officer for Climate Change and Research. Her portfolio includes state level climate policies such as the Cap-and-Trade Program, Low Carbon Fuels Standard, AB 32 Scoping Plan, and energy policy. Ms. Sahota has worked on CARB's climate programs for 15 years and represents CARB's programs in several subnational and international venues.

TIM SHANNON, Director Facilities Planning
& Efficiency/Transportation
Twin Rivers Unified School District

Tim was the first school Transportation Director to deploy the largest fleet of electric buses in the North America. He is the recipient of several awards for promoting improved air quality through clean vehicles, collaborating with local, state agencies, a leader in adopting advanced technology, and expanding the knowledge of other school districts and the public. Tim's 20 years as the President of profitable business in a photography lab assisted in building the foundation for his advanced technical knowledge.

MARK SIPPOLA, Cap-and-Trade Program
Allowance Allocation Manager
California Air Resources Board (CARB)

Mark has worked in California's Cap-and-Trade Program since 2014, and he currently oversees free allowance allocation to industrial facilities, electric utilities, and natural gas utilities. In both 2016 and 2018, Mark was closely involved in the formal public process of amending the Cap-and-Trade Regulation. Prior to working at CARB, he conducted exposure research at national labs and worked as an environmental engineer at motorcycle and auto plants.

KATELYN ROEDNER SUTTER,
Climate Lead

Environmental Defense Fund (EDF)

Katelyn leads Environmental Defense Fund's climate work in California, as well as regulatory and legislative initiatives on climate across the Western United States. Katelyn's focus is on advancing policies that establish and implement long-term greenhouse gas emission reductions and improve local air quality. Katelyn also contributes to EDF's work on international carbon markets. Prior to joining EDF, Katelyn worked in the San Joaquin Valley with environmental justice and faith communities on local climate, air quality, and land use issues.

SYDNEY VERGIS, Chief of
Mobile Source Control Division
California Air Resources Board (CARB)

Dr. Sydney Vergis is the Division Chief overseeing the California Air Resources

Board's Mobile Source Control Division. That portfolio includes heavy duty, medium duty and off-road regulations; as well as many of CARB's incentive programs.

ERICK WATKINS, Director of Environmental Health & Safety Pacific Coast Producers

Erick is the Director of Environmental Health & Safety at Pacific Coast Producers (PCP), an agricultural cooperative, owned by over 160 family-farms in Central and Northern California. PCP farms are strategically placed near their production plants, including its Woodland tomato facility which has significantly reduced its carbon emissions since 2012. PCP also has a facility in Yakima for Northwest pears, cherries, plums and apples.

ANNA WONG, Light Duty Vehicle Specialist California Air Resources Board (CARB)

Anna Wong is a Staff Air Pollution Specialist at California Air Resources Board.

CLEAN AND PROSPEROUS WASHINGTON

DAVID GIULIANI Founder

David is best known as the co-inventor of the Sonicare toothbrush and Clarisonic skin care system and as the successful co-founder and CEO of both companies. David turned Sonicare into the fastest-growing private company in the U.S. before selling it to Philips Electronics. He led Clarisonic onto the Inc. 100 list and sold the company to L'Oreal in 2011. David was a featured speaker at the White House Conference on Corporate Responsibility, the national Small Business Person of the Year, and the national Entrepreneur of the Year for Manufacturing. David received his B.S. in Electrical Engineering from the University of California and studied graduate-level Electrical Engineering and Business at Stanford University.

MICHAEL MANN Executive Director

Michael serves as the Executive Director for Clean and Prosperous Washington. His firm, Cyan Strategies, specializes in government affairs and business development for companies reducing carbon emissions through their business activities. Michael previously served as the Director of the City of Seattle's Office of Sustainability and

Environment and as the District Director for then Congressman Jay Inslee, the current Governor of Washington.

SARAH SEVERN Outreach

Sarah is principal of Sarah Severn Consulting. Sarah spent over two decades in senior sustainability roles at Nike where she led the adoption of sustainability into Nike's operations, product design process and manufacturing supply chain. She initiated Nike's climate change work in the mid 90's and catalyzed the formation of BICEP, (Business for Innovative Climate and Energy Policy) in 2008. Since retiring from Nike in 2014, Sarah has focused on the intersection of business advocacy and climate policy.

ISAAC KASTAMA Lobbying

Isaac is the Managing Partner of Water Street Public Affairs LLC, a public affairs firm representing diverse clients in energy, and business. Isaac has built effective coalitions of regulated industries and environmental interests and has over ten years of experience representing clients in Washington. He had deep involvement in the legislative process to enact the 100% Clean Electricity Standard, Clean Fuel Standard, and Climate Commitment Act. Isaac holds a B.A. in Public Policy Analysis from Pomona College and is a graduate of the University of Washington, Michael G. Foster School of Business Executive Leadership Development Program.

DOMINIC CANTERBURY Operations

Dominic is a Principal at Turbine Agency, a Customer Experience Design firm based in Seattle. As a communications strategist with over 15 years of experience, he has built successful programs for national and international companies, non-profits, election campaigns, and startups.

KIM TRYHORN, Principal Cyan Strategies

Kim has been leading the logistics and planning for Clean & Prosperous Washington's California Study Mission. Through her position at Cyan Strategies, she has worked extensively with CaPWA and other exciting organizations in Washington state, strategizing on ways to reduce carbon emissions through business and policy development. Prior to Cyan, she held positions in the City of Seattle Mayor's Office and for then-US Congressman Jay Inslee's Office.

LORRIE MCKAY, Principal Cyan Strategies

Lorrie has over two decades of local government experience in the Puget Sound region, providing administrative leadership at the executive office level. Her areas of focus are in community relations, communications and intergovernmental relations. She served 14 years in the King County Executive's office, including as a cabinet member. McKay most recently served 11 years in the City Manager's Office at the City of Kirkland as its Intergovernmental Relations Manager before joining Cyan Strategies in 2021.

LEE KELLER

Public Relations & Development

Lee managed communications and public affairs at Weyerhaeuser and managed communications for the campaign to build a new football and soccer stadium in Seattle (now known as Lumen Field). Lee then served as director of external affairs for Paul Allen's parent company, Vulcan Inc., where she was responsible for general strategic planning, counsel, and external affairs in addition to community and governmental outreach for many of Vulcan's projects including the construction of the stadium, development in South Lake Union, The Hospital Project in London, and the Experience Music Project.

BILL MCCLAIN

Marketing Communications

Bill has led domestic and international marketing for several major brands, including Clarisonic and Sonicare. He played a key role in the successful launch of over 30 new products, including market-leaders from LifeScan (Johnson&Johnson), Braun, and Oral-B. Bill currently teaches Global Business Strategy and Marketing at the University of Washington. He earned his B.S. at West Virginia Wesleyan College and his MBA at the University of Pittsburgh.

KEVIN TEMPEST

Research

Kevin is the team's Research and Development Scientist, leading decarbonization and climate policy analysis including the Building Back Better: Investing in a Resilient Recovery for Washington State report. Kevin spent two years as a staff scientist in climate and energy topics at Stockholm Environment Institute-U.S., publishing on carbon infrastructure lock-in, natural gas as a bridge fuel, fossil fuel supply-side (extraction) strategies, and global urban greenhouse gas emissions modelling. He holds a M.Sc in Oceanography from the University of Washington.

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