



California Climate & Energy Collaborative

Thursday, September 30, 2021 | 1:00-2:30 PM

Polymakers Session: Rebounding Resiliently





Zoom Features

Microphone

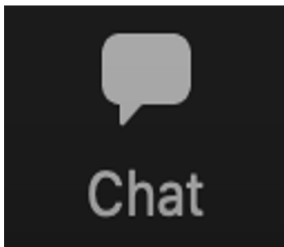
Keep yourself **muted** so that we can hear our speakers clearly

Unmute yourself when speaking during the breakout sessions



Chat

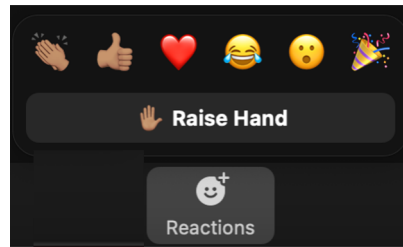
Communicate with other participants or reach out to LGC staff if you encounter technical issues.



Reactions

Click the icon to **raise your hand** to ask to speak verbally.

We encourage the use of emojis!





Recognizing local groundbreakers

50
Electrification
Ordinances

+

Existing building
electrification
plans

+

Incentive
programs



Electrification



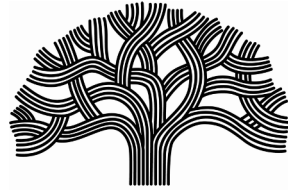


Recognizing local groundbreakers

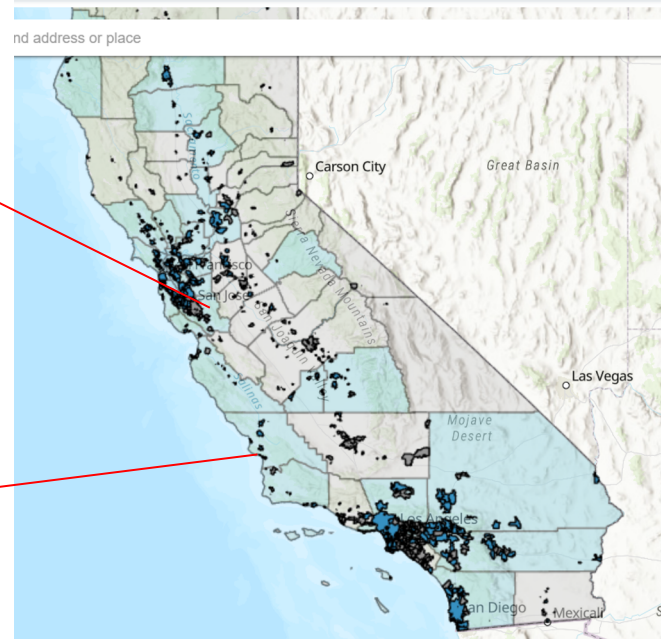
Climate Action Planning

200

Climate Action
Plans



CITY OF OAKLAND





Recognizing local groundbreakers

3
Regional
Energy
Networks

+ **2**

In development

Long-term
commitment by
CPUC!

Regional Energy Networks



Southern California
REGIONAL ENERGY NETWORK

Inland Regional Energy
Network (I-REN)





Recognizing local groundbreakers

Community Choice Aggregation

200

Jurisdictions in a CCA serving

11 m

Customers
+

6k mw
in PPAs





Recognizing local groundbreakers

Regional Climate Collaboration

7
Regional
Climate
Collaboratives

+

Resilience
Hubs





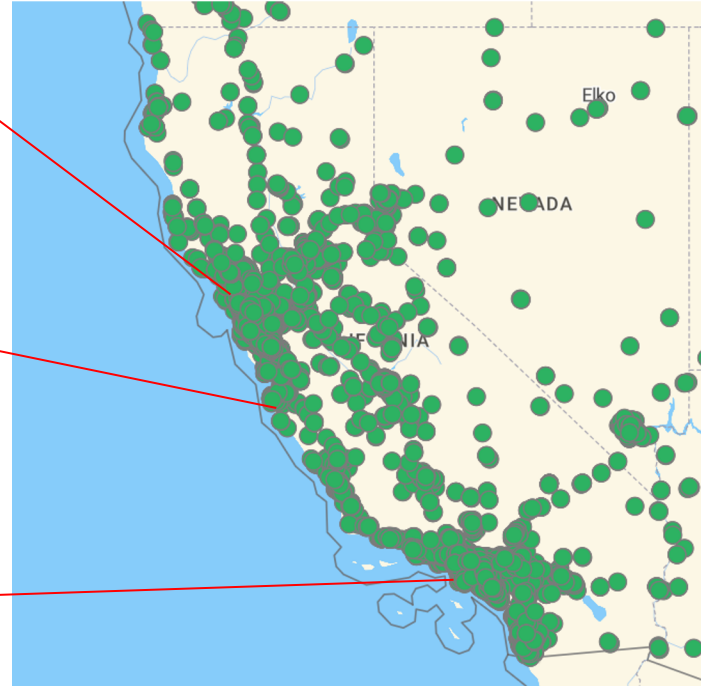
Recognizing local groundbreakers

Electric Vehicles

Electric Vehicle
Incentives

+

Charging
Infrastructure
and Plans



Recognizing local groundbreakers

Energy Resilience

Community
Microgrids

+

Strategic
planning

+

Storage
incentives





Recognizing local groundbreakers

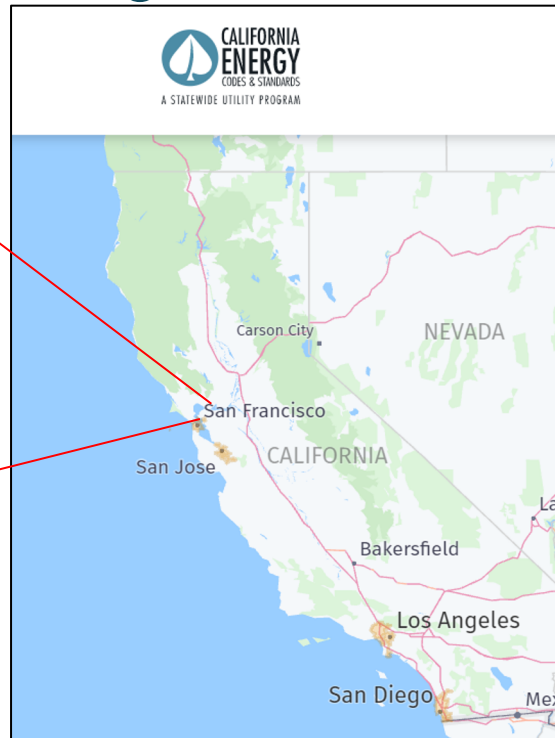
Benchmarking

7

Information
Disclosure
Ordinances

+

Programs for
big users



Recognizing local groundbreakers

Just Transitions

DACs obtain
support to
transition to
clean energy
economies

+

Local solar
manufacturing

+

Job training



Build • Organize • Optimize • Strengthen • Transform





Meet our Speakers!



Alana Mathews

*Director of Policy
Resources and Training,
Prosecutors Alliance of
California*



Erik de Kok

*Deputy Director for Planning
& Community Development
Governor's Office of
Planning and Research*

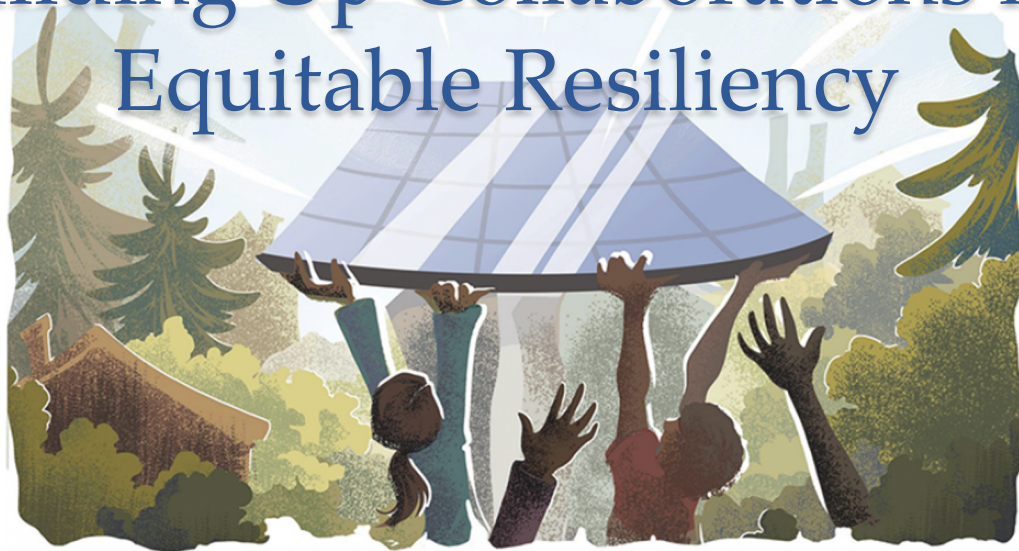


Moderator

Angie Hacker

*Statewide Best Practices
Coordinator
California Climate &
Energy Collaborative*

Breaking Down Silos and Building Up Collaborations for Equitable Resiliency



ALANA MATHEWS

*Impact Attorney. Climate Advocate. Former Prosecutor. Public Policy Expert.
Mom*

“Equitable Resiliency”

The diagram features the title "Equitable Resiliency" at the top center in a dark blue serif font. Two blue arrows point downwards from the words "Equitable" and "Resiliency" to the headers of two adjacent rectangular boxes. The left box has a yellow background and is titled "Equity" in a bold blue sans-serif font. It contains three bullet points in a grey sans-serif font. The right box has a dark blue background and is titled "Resiliency" in a bold yellow sans-serif font. It contains four bullet points in a yellow sans-serif font.

Equity

- Ensure that **all** people have the opportunity to benefit from solutions,
- while not taking on an **unequal burden** of negative impacts.
- Equity is both a practice and a process that focuses **on systems change**

Resiliency

- The capacity to recover quickly from difficulties
- Climate and Energy Impacts: extreme heat, flooding, drought wildfires, blackouts/shut offs.
- Social Impacts: economic, housing, food, transportation/mobility, energy insecurity
- Racial Impacts: historical and structural bias and discrimination

The 4 Pillars of Operationalizing Equity

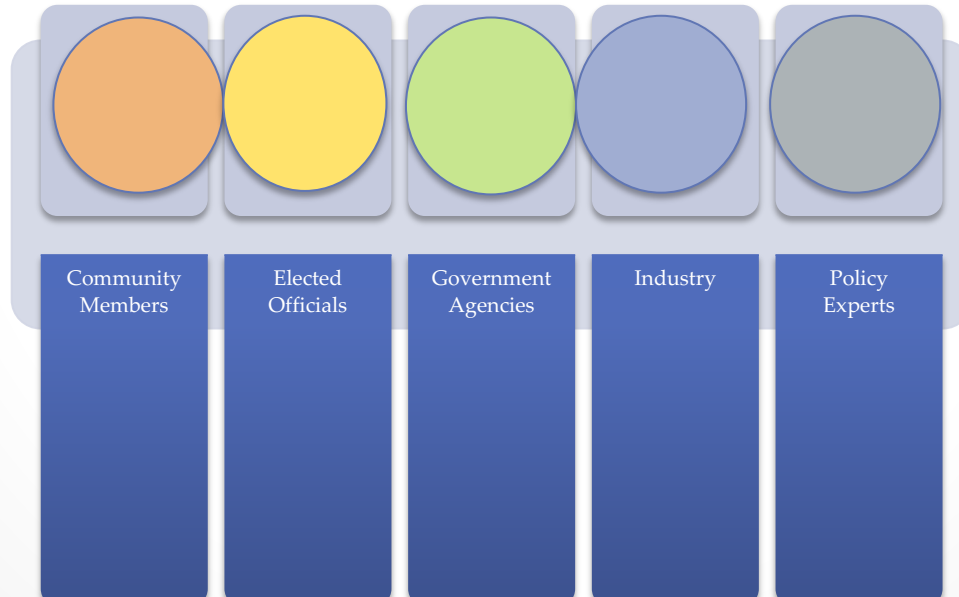
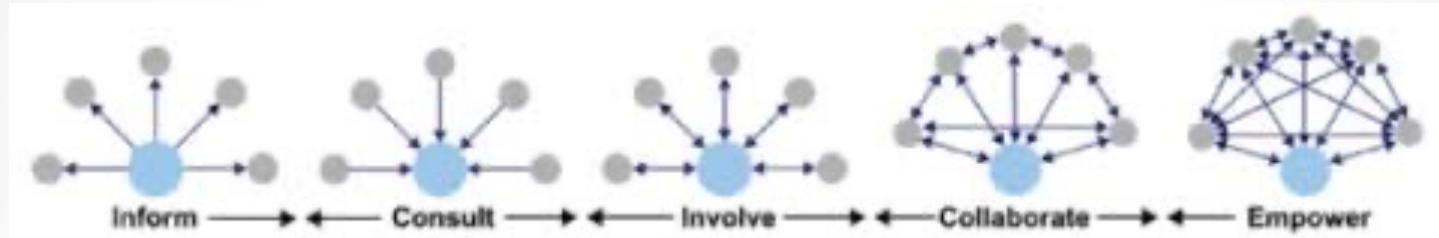
Community Relationships

Environmental Justice

Equitable Governance

Adaptation and Mitigation

Participation Spectrum



Equitable Participation Spectrum

Procedural	Distributional	Structural	Transgenerational	Cultural
Inclusive, accessible, authentic engagement and representation in processes to develop or implement sustainability programs and policies	Sustainability programs and policies result in fair distributions of benefits and burdens across all segments of a community, prioritizing those with highest need	Decision makers institutionalize accountability. Decisions are made with a recognition of the historical, cultural, and institutional dynamics and structures that have routinely advantaged privileged groups in society and resulted in chronic, cumulative disadvantage for subordinated groups	Decision makers consider generational impacts and don't result in unfair burdens on future generations	A commitment to undoing racism and historical marginalization through an intentional deconstruction of colonial assumptions and behaviors and the concurrent construction of equitable multicultural norms

The Core Principles of Equity in Resiliency

- People have a right to the resources required to create productive, dignified, and ecologically sustainable livelihoods including upholding peoples' rights to
 - **Land/Housing**
 - **Clean Water/Air**
 - **Food**
 - **Other Resources to survive**

Building an Equity Framework

- How can we safeguard a just transition, so that BIPOC and frontline residents move to the front of the line for clean energy benefits?
- How can we ensure that their voices are not only heard but prominent, that they are not only the recipients but the architects of this clean energy future?
- And how can we work to recognize and rectify the historical legacies of racial and economic injustices to usher in an equitable clean energy future?

[View the form](#)

Project Equity Check-In Process

The purpose of this document is to provide guiding questions and a standardized process in centering social equity considerations for all of the Resilience Office's project, program and policy initiatives from start to finish and beyond.

The guiding questions below are considered and answered at the beginning of the project planning process by project leads and followed up with review and discussion with the office's Equity team.



Peoples and Places Impacted

- **Demographic Data:** Identify peoples and places that will be affected by your project using demographic information, such as Census data, social vulnerability index scoring, or other data.
- **What effects, impacts, and/or outcomes will your action have on people and places? How long will the action have an effect—short-term, medium-term, long-term?**
- **Inequities Observed:** What inequities are observable across impacted populations by geography, race/ethnicity, income/ALICE, home-ownership status, access to transportation, health status, English proficiency etc.?
- **What are the root causes or factors creating any social inequities associated with this project or action? Are there any data gaps that make it difficult to consider the equity impacts of the project?**
- **Broader Project Context:** What is the historical, cultural, political and social context of the peoples and places impacted? How have past actions (by City or otherwise) impacted these communities? How does this proposal consider these historical disparities/impacts?

Community Engagement & Community Ownership

- Please devise and articulate your community engagement plan using the CCSR equitable community engagement guidelines.
- How will mutual learning opportunities be built into the planning, data collection, and data interpretation phases of the project? And how will these communities be involved in the project planning and/or implementation?

Distributional Equity

- How will benefits and burdens be distributed? Are there potential disproportionate impacts on frontline communities?
- What are the potential unintended consequences of this project? What are the disparate geographic impacts (e.g., rural vs. urban, leeward vs. windward)?
- Identify opportunities to advance equity when possible, i.e. contracting, subcontracting requirements, hiring, material sourcing, etc.

Equity Deliverables & Metrics

- How will the equity deliverables be defined? What metrics and progress indicators are in place to monitor throughout the project?
- How will you communicate progress to stakeholders and prioritize collaborative evaluation with affected communities?

Thank You

Questions



Alana@Prosecutorsalliance.org



Rebounding Resiliently

What's Next for State Tools &
Resources for Local Action

CCEC Policymakers Forum
September 30, 2021

Local Action Matters – Now More than Ever



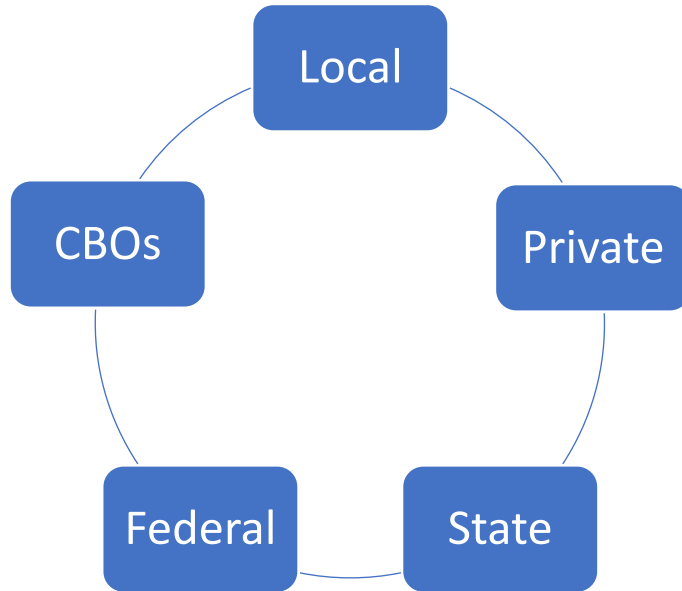
Climate Action and GHG Mitigation

- State action alone cannot meet California's long-term GHG and climate goals for 2030, 2045, 2050
- **Local action and leadership are essential** for scaling local action & implementation across the state.
- Enabling and empowering local, community-driven action is critical for transformative and equitable changes needed in our communities

Climate Adaptation & Resilience

- We need to start adapting and building resilience now.
- Vulnerable and disadvantaged communities are already suffering acute and disproportionate impacts of climate change + COVID-19.
- Local and regional action is critical to addressing both immediate needs and building long-term resilience and equity.

Alignment and Collaboration



How can we best align & support climate action and build resilience across gov't layers and sectors?

- Interjurisdictional and cross-sector **collaboration**
- Maximize and leverage **funding** for diverse needs and purposes
- **Capacity-building** -- empowering community-based leaders to advance climate equity
- **Knowledge-exchange** and peer learning
- **Tools & resources** to support local action and innovation

Funding



Highlights from FY 21-22 Budget:

- **\$15 billion Climate Action & Resilience Package**
 - \$1.5 billion - Wildfire & Forest Resilience
 - \$5.2 billion - Water & Drought Resilience
 - \$3.7 billion - Climate Resilience
 - \$1.1 billion - Climate-Smart Ag
 - \$3.9 billion – ZEVs and Cap & Trade Expenditure Plan
 - \$270 million - Circular Economy (Waste Reduction)
 - \$150 million - Waterfront Parks
- For full details, see <http://ebudget.ca.gov/BudgetAddendum.pdf>

Funding



Climate Resilience: \$3.7 billion over next 3 fiscal years

- **\$800 million - Extreme Heat**
- \$1.37 billion – Multi-Benefit & Nature-Based Solutions
- \$612 million – Ocean and Coastal Resilience
- **\$819 million – Community Resilience**
- \$87 million – Various Others

Funding



Climate Resilience: \$3.7 billion over next 3 fiscal years

Extreme Heat (\$800 million):

- \$250 million - Urban Greening (CNRA)
- \$50 million - Low-Income Weatherization (DCSD)
- \$200 million - Community Resilience Centers + Extreme Heat and Community Resilience Program (OPR/SGC)
- \$300 million - Extreme Heat Set-Aside (TBD)

Funding



Climate Resilience: \$3.7 billion over next 3 fiscal years

Community Resilience (\$800 million):

- \$420 million – Transformative Climate Communities Program (SGC)
- \$20 million – Regional Climate Collaboratives Program (SGC)
- \$25 million – Climate Adaptation & Resilience Planning Grants (OPR)
- \$5 million – Vulnerable Communities Platform and Cal-Adapt Mapping Tools (OPR)
- \$250 million – Regional Climate Resilience Program and Grants (OPR)
- \$60 million – Conservancy Funding (various)
- \$14 million – Climate Action Corps (Cal Volunteers)
- \$25 million – Environmental Justice Initiative (CalEPA)

Programs



SGC Transformative Climate Communities (TCC) Program

Community-led transformation to enable the California communities most impacted by pollution to choose their own goals, strategies and projects to reduce greenhouse gas emissions and local air pollution.

Total SGC Investments: \$229.2 million



\$48,715,384
AWARDED IN
**DISADVANTAGED
COMMUNITIES**
IN 2019-2020



Programs



TCC Project Types

TCC incorporates project types from the suite of California Climate Investments:

- *Affordable and sustainable housing developments*
- *Transit stations and facilities*
- *Bicycle and car share programs*
- *Residential weatherization and solar projects*
- *Water-energy efficiency installations*
- *Food waste prevention and rescue*
- *Urban greening projects*
- *Bicycle and pedestrian facilities*
- *Low-carbon transit vehicles and clean vehicle rebates*
- *Health and well-being projects*



Programs



SGC Community Assistance for Climate Equity (CACE) Team

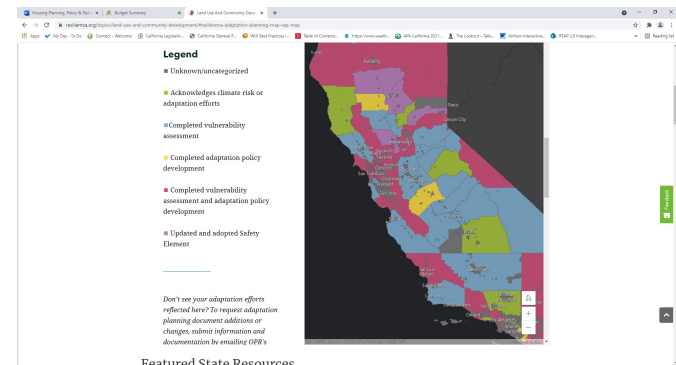
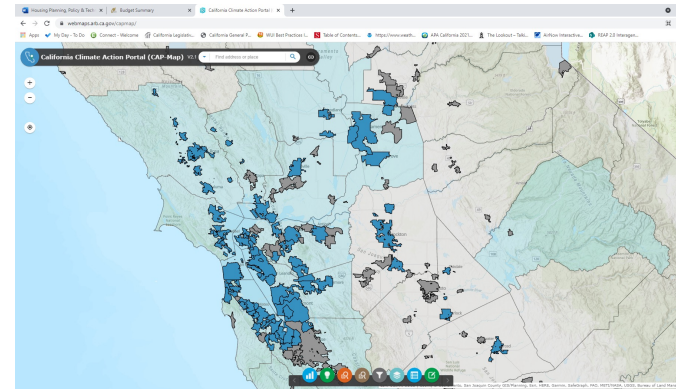
- California's Climate Investments Technical Assistance (TA) Program
- New TA Guidelines for State Agencies approved in August 2020
- Best Practices for TA providers to support capacity-building
- Pilot Programs
 - Partners Advancing Climate Equity (PACE)
 - BOOST Program
- Regional Climate Collaboratives
 - SB 1072 (Leyva, 2018)
 - \$20 million over 3 years
 - Competitive program
 - Partnerships and local capacity building
 - Align resources, ensure equity in funding opportunities

Tools & Resources



Mapping Climate Action & Resilience

- Climate Action Portal Map (“CAP Map”)
 - <https://webmaps.arb.ca.gov/capmap/>
- ResilientCA Adaptation Planning Map (“RAP Map”)
 - <https://resilientca.org/topics/land-use-and-community-development/#resilientca-adaptation-planning-map-rap-map>



More information



FY 21-22 Budget + Budget Addendum (Climate Action package)

- <http://www.ebudget.ca.gov/>
- <http://ebudget.ca.gov/BudgetAddendum.pdf>

Additional resources:

- Integrated Climate Adaptation & Resilience Program (ICARP)
<http://opr.ca.gov/planning/icarp/>
- Adaptation Clearinghouse: <https://resilientca.org/>
- CA Strategic Growth Council: <https://sgc.ca.gov/>
- State Grants Portal: <https://www.grants.ca.gov/>



Thank you!

Erik de Kok, AICP

Deputy Director, OPR

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<http://opr.ca.gov/>



Knowledge Sharing Breakouts

Questions

1. **ALL** - What questions do you have for this speaker?
2. **ANGIE** - How did the hardships of 2020-21 affect your LG's ability to pursue its clean energy and climate goals? What impact surprised you the most? What lessons have you learned?
3. **ALANA** - What would it look like in your community if California rebounded resiliently and equitably? What resourceful, groundbreaking, and/or replicable approaches are already working?
4. **ERIK** - How can the State better work with local governments to support communities in rebounding resiliently and equitably?

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Knowledge Sharing Breakouts

What stood out in your group?

1. **ALL** - What questions do you have for this speaker?
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Thank you for attending!

