



Santa Clara County Climate Collaborative Fall Meeting



County of Santa Clara Office of Sustainability

Welcome





Orientation & Housekeeping

- Orientation to beautiful space
- Make space, take space
- Share and receive
- Making a hybrid meeting work for all



Fall Meeting Agenda

Meeting Goals

Create a generative networking and relationship space

Foster connections across different sectors and levels of government.

Highlight local mitigation & equity initiatives and Partnerships

- Welcome & Meeting Orientation
- Small Group Discussion 1: Sharing updates and actions
- Share Out: Highlights from across the Collaborative
- Framing What Equitable Mitigation Means for the Collaborative
- Panel: Building Countywide Models Toward Equitable Decarbonization
 - Violet Wulf-Saena, Quency Phillips, and Danielle Lee
- Small Group Discussion 2: Bringing Equitable Mitigation Work into your organization
- Launching the Equity Work Group
- Announcements & Adjournment
- ~ **Break** ~
- Equity Work Group Kick-off Meeting



Collaborative Vision

Unlock the potential for collective
and community-centered climate
action

We envision a Santa Clara County where diverse stakeholders come together to partner on and coordinate regional strategies to combat climate change and protect people and the natural environment, while advancing strategies to eliminate inequities and improve quality of life for all.



Translate Intent to Just Climate Impact

Align

- A diverse impact network under a common vision

Amplify

- Expertise through capacity building and knowledge sharing

Activate

- Impactful opportunities via design & implementation of climate programs & projects



Working with Partners



- **Leading with Equity – Climate Resilient Communities**
 - Facilitate Equity working group to establish trust and build capacity for community-driven planning
 - Advise on equity integration



- **Operation and Implementation Funding – Coastal Quest**
 - Facilitate partnerships with CBOs
 - Secure funding for resiliency initiatives



Partnerships with Regional Funders

- Local and regional funders coming together to support core functions, help center equity and justice and support priorities

\$2.5 M secured to advance Collaborative initiatives



RESOURCES LEGACY FUND®
CREATIVE SOLUTIONS. LASTING RESULTS.



Collaborative Partners

- Breathe California
- City of Campbell
- City of Cupertino
- City of Los Altos
- City of Palo Alto
- City of San Jose
- City of Sunnyvale
- Collaborating Agencies' Disaster Relief Effort (CADRE)
- Community Agency for Resources, Advocacy and Services (CARAS)
- Greenbelt Alliance
- Lighthouse Silicon Valley
- San Mateo County Transit District
- Santa Clara Valley Open Space Authority
- Save the Bay
- Sierra Club Loma Prieta Chapter
- Silicon Valley Community Foundation
- Silicon Valley Interreligious Council (SIVIC)
- Stanford University
- Sustainable Silicon Valley
- The Tenacious Group
- Town of Los Gatos
- Town of Los Altos Hills
- Valley Transportation Authority
- Veggielution



Break Out #1

Introductions

- How can this network support existing or potential climate work?
- How are you considering climate in your organization's work?
- What recent achievements do you want to share with other Collaborative participants?

Networking & Relationship Building





Highlights & Shoutouts

Upcoming VTA Engagement Events

Climate Action and Adaptation Plan

(www.vta.org/climateplan)

VTA's Draft CAAP is now available for public review. Comments are requested by 11/17. Email community.outreach@vta.org

Valley Transportation Plan 2050 (www.vta.org/vtp2050)

Join a Community Field Trip at the Milpitas Transit Center on Saturday, 10/21 from 10 – 11 am for a walking tour.

Equitable VMT Mitigation Program – Reducing Driving from Development Projects (www.vta.org/EquitableVMT)

Take the Community Survey, open thru early December.

Ask VTA – Speeding Up Transit (www.vta.org/ask-vta)

This month's *Ask VTA* on Tuesday, 10/24, 6-7 pm, will center on speeding up transit. What improvements can be made to make your trip more convenient? What are the challenges?



CAAP
CLIMATE ACTION &
ADAPTATION PLAN



Clear Outcomes and Activities



Equity and
Environmental
Justice



Sea Level Rise
and Flooding



Heat and Air
Quality
(HAQR)



Santa Clara
Valley Urban
Forestry
Alliance
(SCVUFA)



Climate
Pollution
Reduction
Grant



Collaborative Work Group Updates

- HAQR Work Group
 - Finalized 3-year Workplan
 - Appointed Co-Chairs
- Sea Level Rise Work Group
 - Examine connectivity of Bay, streams, and green spaces
 - Work toward community-driven nature-based solutions
- SCVUFA
 - New staff hired
 - Finalizing contract for CalFIRE funded urban forestry planning project
- CPRG Work Group
 - Received \$1M planning grant
 - Implementation grant NOFO: \$4.6 billion available, applications due April 1, 2024





Today's Meeting Topics

- Decarbonization & Equity

Building Countywide Models Toward Equitable Decarbonization

- Quency Phillips, Lighthouse Silicon Valley
- Violet Wulf-Saena, Climate Resilient Communities
- Danielle Lee, City of Mountain View



SCC Climate Collaborative

Regional Meeting

Quency L. Phillips

October 18, 2023

The Path to JEDI:

- Resource Mobilization
- Youth-Centered / Multi-Generational
- Clean Energy Pilots



”

Lighthouse provides strategic leadership and support to advance economic mobility grounded in the lived experience of vulnerable and disconnected populations.

We cultivate cross-sector partnerships to strengthen career pathways and advance access to family-sustaining opportunities.



CLEAN ENERGY

RESOURCE MOBILIZATION



CONVENING

GRANT PREPARATION
GRANT ADMINISTRATION
RESOURCE DEVELOPMENT
EXPERT CULTIVATION
MEETING MANAGEMENT
REGIONAL STEERING COMMITTEES

National Science
Foundation Engines
Type 2 Preparation

ALIGNMENT

CHIPS
CA: RISE
K-16 COLLABORATIVE
NATIONAL SCIENCE FOUNDATION
HIGH ROAD TALENT PARTNERSHIP

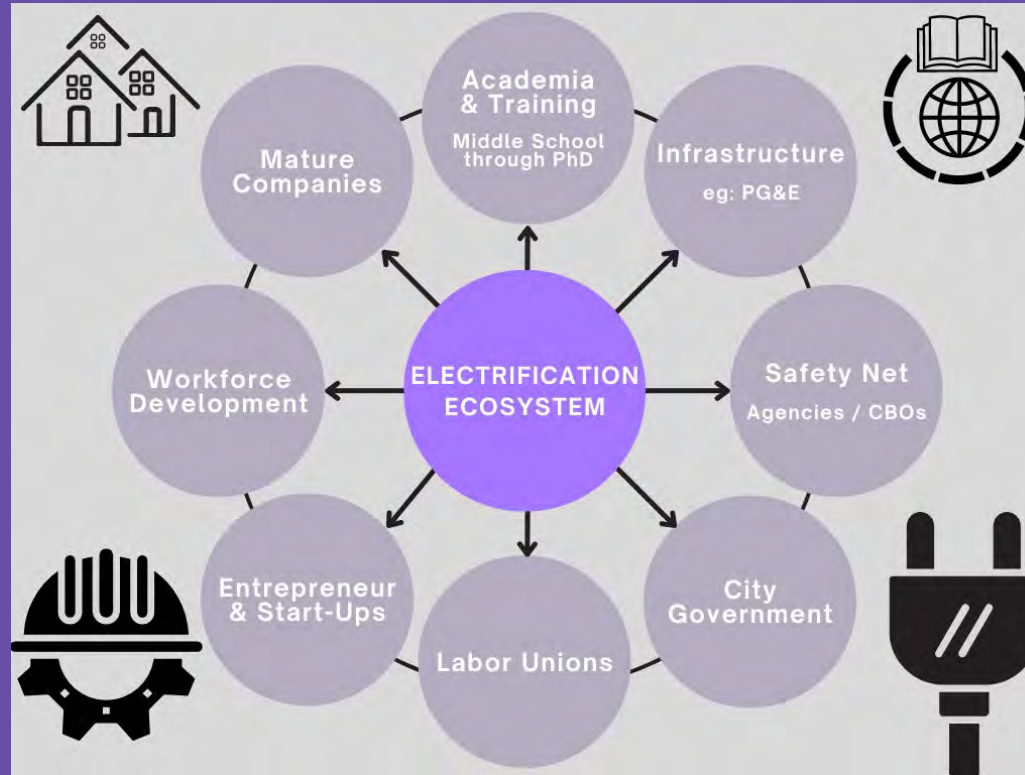
CERF

JEDI PILOTS

JOBTRAIN
MENLO SPARK
TECH CLEAN CA
SOUTHEAST REGION
GOODWILL SILICON VALLEY

\$42B
GREENER JOBS
& DEVELOPMENT

[HTTPS://TINYURL.COM/ELECTRIFYLSV](https://tinyurl.com/electrifylsv)



LIGHTHOUSE
SILICON VALLEY

Youth-Centered

Intentionally Generational

- Proactive & Early Engagement (cradle to career)
- Redefining “Experience”
- Immediate & Future Needs





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CLEAN ENERGY

MITIGATION STRATEGIES, WORKFORCE DEVELOPMENT,
AND EQUITABLE COLLECTIVE IMPACT



\$60B

INFLATION
REDUCTION ACT
FUNDING TO
LOW INCOME &
MINORITY
COMMUNITIES

National Science
Foundation Engines
Type 2 Preparation



CLEAN ENERGY MANUFACTURING

Workforce Development,
Apprenticeships,
Internships, and more!



RESIDENTIAL EFFICIENCY & ELECTRIFICATION

Family-Sustaining Pathways,
Social Enterprises, K-12
Curriculum & Adult Education



BUILDING EFFICIENCY & RESILIENCE

Electrification, Energy
Efficiency, and
Disadvantaged Regions

\$500M+

18-Month Grant Preparation Period
Existing Regional Working Groups &
Steering Committees
Convening, Collaboration, & Collective Impact

WORKFORCE DEVELOPMENT

Regional Focus:

- Electrification
- Energy/Batteries
- Social Enterprises
- Curriculum & Training

\$42B
GREENER JOBS
& DEVELOPMENT

CERF

High Road Talent Partnership
CA RISE, CHIPS, NSF
K16 Collaborative, and more

INTERESTED IN
LEARNING HOW
YOUR CITY, ORG,
OR COMMUNITY
CAN JOIN IN?

[HTTPS://TINYURL.COM/ELECTRIFYLSV](https://tinyurl.com/electrifylsv)



LIGHTHOUSE
SILICON VALLEY

Clean Energy Pilots


Intentionally Equitable


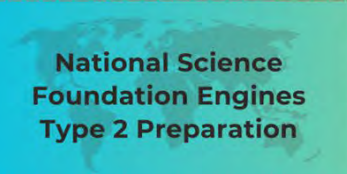


- JobTrain: HVAC & Heat Pump
- Menlo Spark: Residential Stipends
- EV/Charging Stations
- K-12 Curriculum Development



CLEAN ENERGY

MITIGATION STRATEGIES, WORKFORCE DEVELOPMENT, AND EQUITABLE COLLECTIVE IMPACT



\$60B INFLATION REDUCTION ACT FUNDING TO LOW INCOME & MINORITY COMMUNITIES	 CLEAN ENERGY MANUFACTURING Workforce Development, Apprenticeships, Internships, and more!
 National Science Foundation Engines Type 2 Preparation	 RESIDENTIAL EFFICIENCY & ELECTRIFICATION Family-Sustaining Pathways, Social Enterprises, K-12 Curriculum & Adult Education
	 BUILDING EFFICIENCY & RESILIENCE Electrification, Energy Efficiency, and Disadvantaged Regions
\$500M+ 18-Month Grant Preparation Period Existing Regional Working Groups & Steering Committees Convening, Collaboration, & Collective Impact	CERF High Road Talent Partnership CA RISE, CHIPS, NSF K16 Collaborative, and more
WORKFORCE DEVELOPMENT Regional Focus: <ul style="list-style-type: none">• Electrification• Energy/Batteries• Social Enterprises• Curriculum & Training	\$42B GREENER JOBS & DEVELOPMENT
INTERESTED IN LEARNING HOW YOUR CITY, ORG, OR COMMUNITY CAN JOIN IN?	

[HTTPS://TINYURL.COM/ELECTRIFYLSV](https://tinyurl.com/electrifylsv)

JEDI Pilots

HVAC & Heat Pump

- 11-Week Course
- Dual Pipeline
- Residential Workforce Need

WORKFORCE DEVELOPMENT

Regional Focus:

- Electrification
- Energy/Batteries
- Social Enterprises
- Curriculum & Training

\$42B
**GREENER JOBS
& DEVELOPMENT**



CLEAN ENERGY MANUFACTURING

Workforce Development,
Apprenticeships,
Internships, and more!



RESIDENTIAL EFFICIENCY & ELECTRIFICATION

Family-Sustaining Pathways,
Social Enterprises, K-12
Curriculum & Adult Education



BUILDING EFFICIENCY & RESILIENCE

Electrification, Energy
Efficiency, and
Disadvantaged Regions

Lighthouse Workforce Development Orbit



Lighthouse is convening the region's
wrap-around workforce
development programming for the
clean energy sector.

Aligned with the national global
and climate



Bringing Equitable Mitigation into your work

Small Group Session 2


- What are energy conservation measures you are undertaking?
- Who are your key partners in supporting mitigation goals?
- Does your organization have climate or energy goals?




Resources and Equity Work Group Next Steps



SANTA CLARA COUNTY
BENEFITS OF AN ALL-ELECTRIC LIFESTYLE

BAYREN 

An all-electric home with an electric car costs about half as much to operate and uses about one-third of the energy of a typical California home with gas appliances and a gas car. All-electric homes are healthier because they improve indoor air quality and home comfort. When equipped with rooftop solar and/or your utility's clean energy option, your home can help us combat climate change! In addition to electrifying your home, check with the Bay Area Regional Energy Network (BayREN) to learn about the energy efficiency upgrades you can make to save even more money: BayREN.org/homes



Rooftop Solar Panels provide clean electricity. If you can't add solar to your home or if your solar energy system can't handle all your usage, opt for your utility's clean energy option.

Battery Storage Systems capture electricity from solar panels during the daytime and allow you to use it when electricity rates are higher during the nighttime.

Heat Pump HVAC is an electric heating and air conditioning system. Common home systems include ducted or ductless mini-split systems. During the summer, a heat pump HVAC makes your home cooler by transferring heat from inside your home to the outside. During the winter, it pulls heat from outside your home to warm it up.

High-Efficiency Washer and Electric Dryers remove more water from clothes, which means less time and energy spent on drying clothes. Many electric dryers on the market can be installed as easily as their gas alternatives.

Induction Cooktops are a safer and energy-efficient alternative to gas and radiant electric cooktops. Compared to gas, these cooktops heat 2x as fast, provide more temperature control, and significantly reduce air pollution inside your home.

LED Lighting uses 75% less energy than incandescent lighting, lasts 25 times longer, and doesn't contain mercury.

Heat Pump Water Heater are 2-3x more efficient than gas water heaters. They use electricity to move heat from the surrounding air into the tank to heat water.

Electric Vehicles can be charged with a rooftop solar system and battery storage system or your utility's clean energy option. Replacing a gas-powered vehicle with an electric vehicle reduces the outdoor air pollution that we breathe in.

Electric Panel upgrades may be needed when you install solar, switch to electric appliances, or add an electric vehicle charger. Talk to an electrician about including enough capacity in the panel to make the switch from gas to electric in the future.

Adapted from the City of Palo Alto Utilities and City of San José

Electrification Resources

- [BayREN](#)
 - Rebates for Homes and Small Businesses
 - Energy Code Trainings for Jurisdictions
- [Silicon Valley Clean Energy](#) and [San Jose Clean Energy](#)
 - Electric vehicles
 - Solar and batteries
 - Home electrification



CRC Leading Equity Work Group (EWG) SCC Climate Collaborative





Violet Wulf-Saena (she/her),
Founder and
Executive Director



Cade Cannedy (he/him),
Director of Programs



Kamille Lang (she/they),
Resilient Homes
Program Manager

EWG Objectives

Create a space for nonprofits, CBOs and other cross-jurisdictional partners to connect

Share best practices, successes and challenges in equitable approach

Observe, pilot and iterate on equity priorities and activities through implementing climate action

SCC Climate Collaborative: Equity Work Group (EWG)

Facilitated by: Violet Saena, Founder and Executive Director of Climate Resilient Communities (CRC) and team

Supported by SCC Office of Sustainability and Farallon Strategies

In community with Community-based partners, nonprofits and other cross-sector organizations

Seed Funding from Resource Legacy Fund and Silicon Valley Community Foundation



EWG Starting Concepts

Vision

CRC serves as the central facilitator for bringing together a network of community-based partners, nonprofits and other organizations who pursue equity in Santa Clara County. The Equity Working Group seeks to foster collaboration for climate action with an equitable lens and approach.

Goals

Goal 1: Develop and invite comprehensive list of organizations for October convening

Goal 2: Develop and formalize partnerships to coordinate equitable approach to climate action

Goal 3: Empower community led climate action through inclusive decision-making processes

Outcomes

- Ongoing professional learning and alignment with SCC Office of Sustainability on collaborative climate action
- Increased communication and collaboration between partners, with the intention of operationalizing equitable impact
- Providing residents in Santa Clara County with adaptive and resilient climate action initiatives



EWG Strategy Moving Forward

- Leaning on the backbone of the SCC Office of Sustainability to develop structured Climate Collaborative meetings
- Build upon existing approach of collaborative design
- CRC team led Equity Work Group initial convenings



- Scope and strategy informed by EWG
- Established outcomes and measures of success for each goal
- Prioritized activities and anticipated outputs that support community climate action projects





EWG CBO Introduction Session

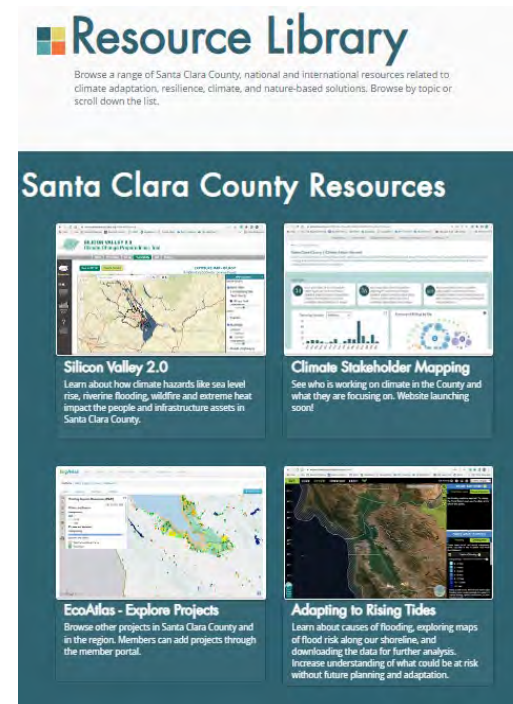
October 18th, 3-4 pm



Get Involved!

Leave feedback on today's meeting on the colored note cards

- Join the Collaborative: [Commitment Letters](#)
- Participate in a Work Group
- Participate in funding discussions
- Visit the website and resource portal



Apply & Join the Collaborative

The Collaborative welcomes representatives from the following organizations based in Santa Clara County:

- **Local and Regional Public Agencies:** staff of local jurisdictions, special districts, and metropolitan planning organizations.
- **Non-profit organizations:** staff of non-for-profit faith-based organizations, community-based organizations, social advocacy groups, or foundations.
- **Tribes-tribal communities** or native-led organizations.
- **Academic institutions:** staff of academic or research institutions.
- **For-profit organizations*:** private businesses and firms, based in Santa Clara County.

Joining The Collaborative

All organizations will sign a Membership Commitment Letter to join the Collaborative as core members to demonstrate their commitment to working jointly with other members to advance the Collaborative vision and goals by dedicating staff time, sharing information, and coordinating efforts. For-profit organizations will be required to sign an Affiliate Commitment letter that specifies the terms and expectations of their participation in the Collaborative.

To learn more about how to participate complete the form below to apply.

*For-profit organizations can attend Collaborative meetings and participate through working groups (see above) if the Collaborative as invited but are not eligible to participate as core members of the collaborative (cannot be appointed to a leadership position or serve as working group chair).

[Download PDF](#)

Climate Resilience Tool

The Climate Resilience Tool provides nature-based approaches to four primary climate hazards impacting the County - [see Level Risk, Riverine Flooding, Extreme Heat, and Wildfire](#).

Below are multiple ways to use and explore the tool. Start with a step-by-step method of determining scope and structure of your project. Next, look into physical and policy interventions focused on nature-based resilience. Finally, review the Multi-Benefit Criteria to ensure your community and environment will benefit fully from your proposed solutions.





Thank You!

- Stay up to date on Collaborative Activities:

<https://www.climatecollaborativescc.org/>

- Contact the Office of Sustainability at sustainability@ceo.sccgov.org

