



# Agenda

## CONTRA COSTA COUNTY SUSTAINABILITY COMMISSION An Advisory Body to the Board of Supervisors

December 10, 2018

5:00 P.M.

30 Muir Road, Martinez

Victoria Smith, Member, District 2, Chair  
Howdy Goudey, At-Large, Community, Vice Chair  
Nick Despota, Member, District 1  
Shoshana Wechsler, Alternate, District 1  
Ryan Buckley, Alternate, District 2  
John Sierra, Member, District 3

Gretchen Logue, Alternate, District 3  
Wes Sullens, Member, District 4  
Travis Curran, Alternate, District 4  
Charles Davidson, Member, District 5  
Mark Thomson, Alternate, District 5

Harry Thurston, At-Large, Community Group  
Kathy Cutting, At-Large, Business  
Nicholas Snyder, At-Large, Business  
Doria Robinson, At-Large, Environmental Justice  
Kim Hazard, At-Large, Education

### Agenda Items:

Items may be taken out of order based on the business of the day and preference of the Committee

1. Call to Order and Introductions
2. Pledge of Allegiance
3. Public Comment
4. APPROVE Record of Action for October 22, 2018, meeting
5. APPROVE 2018 Annual Report and 2019 Work Plan
6. APPROVE *Climate Action Plan* Progress Report
7. RECEIVE Presentation on *Climate Action Plan* Update
8. RECEIVE Presentation on Public Health and Climate Issues
9. REVIEW Sustainability Commission Progress Tracking Tool and PROVIDE DIRECTION as needed
10. APPOINT Sustainability Commission member to Represent the Sustainability Commission on the Technical Advisory Group for the General Plan Update
11. RECEIVE Reports from Sustainability Commission members and alternates, and PROVIDE DIRECTION as needed
12. RECEIVE Report from Sustainability Coordinator
13. RECEIVE Report from Sustainability Commission Chair and IDENTIFY TOPICS for next report to Ad Hoc Committee on Sustainability
14. ADOPT Meeting Schedule for 2019
15. The next meeting is currently scheduled for February 25, 2019
16. Adjourn

*The Sustainability Commission will provide reasonable accommodations for persons with disabilities planning to attend Commission meetings. Contact the staff person listed below at least 72 hours before the meeting.*

*Any disclosable public records related to an open session item on a regular meeting agenda and distributed by the County to a majority of members of the Commission less than 96 hours prior to that meeting are available for public inspection at 30 Muir Road, Martinez, CA during normal business hours. Staff reports related to items on the agenda are also accessible on line at [www.co.contra-costa.ca.us](http://www.co.contra-costa.ca.us).*

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*Public comment may be submitted via electronic mail on agenda items at least one full work day prior to the published meeting time.*

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For Additional Information Contact:

Jody London, Commission Staff  
Phone (925) 674-7871 · Fax (925) 674-7250 · [jody.london@dcd.cccounty.us](mailto:jody.london@dcd.cccounty.us)

Glossary of Acronyms, Abbreviations, and other Terms (in alphabetical order): Contra Costa County has a policy of making limited use of acronyms, abbreviations, and industry-specific language in meetings of its Board of Supervisors and Committees. Following is a list of commonly used abbreviations that may appear in presentations and written materials at meetings of the Ad Hoc Sustainability Committee:

AB Assembly Bill	FY Fiscal Year
ABAG Association of Bay Area Governments	GHG Greenhouse Gas
ACA Assembly Constitutional Amendment	GGRF Greenhouse Gas Reduction Funds
ADA Americans with Disabilities Act of 1990	GIS Geographic Information System
BAAQMD Bay Area Air Quality Management District	HSD Contra Costa County Health Services Department
BART Bay Area Rapid Transit District	IPM Integrated Pest Management
BAYREN Bay Area Regional Energy Network	JPA/JEPA Joint (Exercise of) Powers Authority or Agreement
BGO Better Government Ordinance (Contra Costa County)	LAMORINDA Area of Lafayette-Moraga-Orinda
BOS Board of Supervisors	MAC Municipal Advisory Council
CALTRANS California Department of Transportation	MBE Minority Business Enterprise
AO County Administrative Officer or Office	MOA Memorandum of Agreement
CAP Climate Action Plan	MOE Maintenance of Effort
CARB California Air Resources Board	MOU Memorandum of Understanding
CCA Community Choice	MTC Metropolitan Transportation Commission
CCE Community Choice Energy Aggregation	NACo National Association of Counties
CCWD Contra Costa Water District	NEPA National Environmental Protection Act
CEQA California Environmental Quality Act	PDA Priority Development Area
CSA County Service Area	PV Photovoltaic
CSAC California State Association of Counties	PWD Contra Costa County Public Works Department
DCC Delta Counties Coalition	RDA Redevelopment Agency or Area
DCD Contra Costa County Dept. of Conservation & Development	RFI Request For Information
DPC Delta Protection Commission	RFP Request For Proposals
DSC Delta Stewardship Council	RFQ Request For Qualifications
DWR California Department of Water Resources	SB Senate Bill
EBEW East Bay Energy Watch	SGC Strategic Growth Council
EBMUD East Bay Municipal Utility District	SR2S Safe Routes to Schools
EIR Environmental Impact Report (a state requirement)	TWIC Transportation, Water, and Infrastructure Committee
EIS Environmental Impact Statement (a federal requirement)	U.S. EPA United States Environmental Protection Agency
FTE Full Time Equivalent	WBE Women-Owned Business Enterprise



# Contra Costa County

## Sustainability Commission

4.

**Meeting Date:** 12/10/2018  
**Subject:** APPROVE Record of Action for October 22, 2018, Sustainability Commission Meeting.  
**Department:** Conservation & Development  
**Presenter:** Jody London, DCD                      **Contact:** Jody London (925) 674-7871

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### **Referral History:**

County Ordinance (Better Government Ordinance 95-6, Article 25-205, [d]) requires that each County Body keep a record of its meetings. Though the record need not be verbatim, it must accurately reflect the agenda and the decisions made in the meeting.

### **Referral Update:**

Any handouts or printed copies of testimony distributed at the meeting will be attached to this meeting record. Links to the agenda and minutes will be available at the Committee web page, to be announced.

### **Recommendation(s)/Next Step(s):**

Staff recommends approval of the attached Record of Action for the October 22, 2018, Sustainability Commission Meeting with any necessary corrections.

### **Fiscal Impact (if any):**

N/A

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## **ATTACHMENTS**

- 10-22-18 Sustainability Commission Mtg Agenda RECORD OF MTG - DRAFT
- Agenda Item 7 Attachment - APEN Presentation
- Agenda Item 8 Attachment - NWEDI Citizen Comments



**Record of Action**

**CONTRA COSTA COUNTY  
SUSTAINABILITY COMMISSION**

An Advisory Body to the Board of Supervisors

**Monday, October 22, 2018**

**5:00 P.M.**

**30 Muir Road, Martinez**

Victoria Smith, Member, District 2, Chair	Gretchen Logue, Alternate, District 3	Harry Thurston, At-Large, Community Group
Howdy Goudey, At-Large, Community, Vice Chair	Wes Sullens, Member, District 4	Kathy Cutting, At-Large, Business
Nick Despota, Member, District 1	Travis Curran, Alternate, District 4	Nicholas Snyder, At-Large, Business
Shoshana Wechsler, Alternate, District 1	Charles Davidson, Member, District 5	Doria Robinson, At-Large, Environmental Justice
Ryan Buckley, Alternate, District 2	Mark Thomson, Alternate, District 5	Kim Hazard, At-Large, Education
John Sierra, Member, District 3		

**Agenda Items:**

Items may be taken out of order based on the business of the day and preference of the Commission

**DRAFT**

- Present: Victoria Smith, Member, District 2, Chair  
Howdy Goudey, At-Large, Community Group, Vice Chair  
Nick Despota, Member, District 1  
Shoshana Wechsler, Alternate, District 1  
Ryan Buckley, Alternate, District 2  
John Sierra, Member, District 3  
Gretchen Logue, Alternate, District 3  
Travis Curran, Alternate, District 4  
Charles Davidson, Member, District 5  
Nick Snyder, At-Large, Business  
Harry Thurston, At-Large, Community Group  
Kimberly Hazard, At-Large, Education/Research
- Absent: Wes Sullens, Member, District 4  
Mark Thomson, Alternate, District 5  
Doria Robinson, At-Large, Environmental Justice  
Kathy Cutting, At-Large, Business
- Staff Present: Jody London, Sustainability Coordinator  
Jill Ray, Field Representative, Supervisor Andersen
- Attendees: Carol Weed  
Jan Warren  
Vivian Huang  
Marti Roach

1. Call to Order
2. Pledge of Allegiance
3. Public Comment

*There was no public comment.*

4. APPROVE Record of Action for August 27, 2018.

*The Record of Action was unanimously approved.*

MOTION: Despota                      SECOND: Thurston

5. REVIEW Draft 2018 Annual Report and 2019 Work Plan

*The Commission discussed the draft Annual Report and Work Plan developed by staff. The Commission asked that the Annual Report include information about the Retreat, including goals and commitments from Commission members. The Commission also would like the report to reflect more information on accomplishments of the Commission.*

6. REVIEW Draft *Climate Action Plan* Progress Report

*The Commission discussed the draft report developed by staff. Members expressed interest in seeing a graphic representation of progress to date. The asked for clarification on education and outreach activities related to energy efficiency and more detail on Contra Costa enrollment in MCE, and greenhouse gas emissions related to participation in MCE. The Commission is thinking about how its work relates to the recently released Intergovernmental Panel on Climate Change report. The Commission would like to see County departments measuring their progress in meeting Climate Action Plan goals.*

7. RECEIVE Presentation on Environmental Justice and Climate Action Planning

*Vivian Huang from the Asian Pacific Environmental Network (APEN) presented to the Commission on environmental justice and climate action planning. The slides used are attached to these minutes. Huang started with an overview of APEN, which organizes and builds leadership capacity in communities of color. In Contra Costa County, APEN works primarily in Richmond, with Lao and Mien communities. APEN fosters language justice by providing translation services, often into multiple languages. APEN helps build political power statewide by hosting candidate forums, registering voters, and organizing phone banks on ballot measures.*

*APEN performs policy work at the local and State levels. Some examples of this include Assembly Bill 693, solar energy for multifamily affordable housing. APEN is in exploring how to bring more distributed generation to the communities it serves. APEN works with other networks as well. APEN thinks about the environment as where people live, work, and play, not someplace far away from daily life.*

*Huang provided an overview of the history of environmental justice, which has its roots in the civil rights and environmental movements of the 1960s and 1970s. 1991 was the first National People of Color Environmental Justice summit, which produced 17 principles. It is important to think about power, systemic change, fair distribution of power, and the value of community organizing. When considering climate justice, it is important to look at and address the underlying economy. It is important to make sure that those who are the most impacted are able to drive solutions, and to address harm that has already occurred.*

*Huang described the Just Transition framework that is being used at the national level. The environmental justice movement is working to develop a regenerative economy that focuses on restoration, repairs, resilience, social equity, and self-determination. Important outcomes*

*include housing, community energy, zero waste, and related objectives.*

*Sustainability Commission members expressed interest in seeing more involvement by groups like APEN in eastern Contra Costa County and in the upcoming General Plan update. The group discussed whether there is value in the Sustainability Commission adopting environmental justice or equity principles. The group also discussed how to ensure representation from environmental justice organizations in County planning projects like the General Plan update, Climate Action Plan update, Electric Vehicle Readiness Blueprint. One member suggested using community health as an organizing tool, and proposed the Sustainability Commission form a working group on equity.*

*The Commission asked if the consultants preparing the Climate Action Plan update can be invited to the December 10 meeting, as well as the County's Hazardous Materials Ombudsman.*

8. RECEIVE Reports from Sustainability Commission members and alternates, and PROVIDE DIRECTION as needed.

*Shoshana Wechsler thanked Marti Roach for organizing a response to the consultants developing a report on the Northern Waterfront Economic Development Initiative. There is concern that the Strategic Action Plan is not sufficiently considering climate issues, and asked for County leadership in recognizing that local governments need to take action regarding climate change. The letter is attached to the minutes.*

*The Commission expressed interest in having the County's Economic Development Manager provide an overview of the County's economic development strategies and priorities.*

9. RECEIVE Report from Sustainability Coordinator.

*Jody London summarized the written report published with the agenda.*

10. RECEIVE Report from Sustainability Commission Chair and IDENTIFY TOPICS for next report to Ad Hoc Committee on Sustainability.

*Victoria Smith reported that at the September meeting of the Ad Hoc Committee on Sustainability, the Committee received a report on asthma in Contra Costa County. Asthma is more present in low-income and African American communities. Supervisor Gioia said he expects to see these issues being addressed in the health sections of the General Plan update. The Committee directed staff to explore a healthy homes initiative.*

*The Commission asked that the next report to the Ad Hoc Committee reflect the presentation at this meeting on environmental justice principles. The Commission also would like to have better tools for measuring and quantifying greenhouse gas emissions.*

11. The next meeting is currently scheduled for December 10, 2018
12. Adjourn.



# APEN

ASIAN PACIFIC  
ENVIRONMENTAL  
NETWORK

**Vivian Yi Huang**  
**Campaign & Organizing**  
**Director**

[vivianh@apen4ej.org](mailto:vivianh@apen4ej.org)

[www.apen4ej.org](http://www.apen4ej.org)



# Vision & Mission



APEN... Uniting Asian and Pacific Islander communities for environmental and social justice.

- All people have a right to a clean and healthy environment in which their communities can live, work, learn, play and thrive.
- Towards this vision, APEN brings together a collective voice to develop an alternative agenda for environmental, social and economic justice.



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# APEN CORE STRATEGIES

## ORGANIZING & LEADERSHIP DEVELOPMENT



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# APEN CORE STRATEGIES

## BUILDING POLITICAL POWER STATEWIDE



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# MOBILIZING THE POWER OF ASIAN AMERICAN VOTERS

## WHY APEN?

APEN runs one of the **largest multilingual** Asian American voter mobilization programs in the nation.



Voter outreach in **7 different languages:** Cantonese, Mandarin, Lao, Tagalog, English, Vietnamese, and Korean.

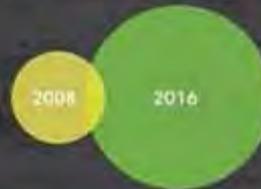
Support for **urgent issues facing California:** racial justice, economic equity, and solutions to climate change.



By 2025  
**1 IN 5**

Californians will be Asian American.

Asian American voters in California have **doubled** since 2008.



**75%**

of voters we contact haven't been contacted by mainstream political parties.

## THIS ELECTION YEAR...

APEN will connect with

**70,000**

Asian American voters all across California.

Those we contact will be more likely to vote on Election Day and to vote **progressive**



By email, phone, canvassing, and our Asian American

# First California API Voter Guide supported by 22 groups and mailed to 80k voters



**API EQUALITY-LA**  
Asians and Pacific Islanders for LGBT Equality



**WORKING PARTNERSHIPS USA**



# APEN CORE STRATEGIES

## POLICYMAKING AT ALL LEVELS



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# Solar on Multifamily Affordable Housing

## IMPACTS OF AB 693



The Multifamily Affordable Housing Solar Roofs program will:

bring solar to thousands of renters while investing millions of dollars into environmental justice communities

lower energy bills for almost 210,000 low-income units

reduce greenhouse gas emissions by up to 3 million tons

dedicate funding of \$1 billion over 10 years, \$100 million per year



California invests big in renewable energy but the sunshine hasn't fully reached the most polluted places.



Join us for a tour and talk in environmental justice communities about the barriers and possibilities for clean energy!

# ENERGY EQUITY TOURS



**APRIL 14TH**  
**10:00AM - 1:00PM**

Richmond, CA

Lunch  
Provided  
&  
Translation  
Available

For questions, contact:  
Mari Rose Taruc  
marirose@caleja.org



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# Community Choice Aggregation



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# APEN CORE STRATEGIES

## ALLIANCE AND MOVEMENT BUILDING



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# What is the Environment?

Somewhere in nature, away from here?



Where we live, work, play, thrive?



# History of Environmental Justice



- Origins in Civil Rights and Environmental Movements of the 60's and 70's
- Fighting Environmental Racism in the 1970's and 1980's
- UCC Study on Toxic Waste and Race, 1987
- First National People of Color Environmental Leadership Summit, 1991



# Environmental Justice Movement



## People of Color Environmental Leadership Summit

Washington, DC  
October 1991



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Delegates to the First National People of Color Environmental Leadership Summit held on October 24-27, 1991, in Washington DC, drafted and adopted 17 principles of Environmental Justice. Since then, *The Principles* have served as a defining document for the growing grassroots movement for environmental justice.

## PREAMBLE

**WE, THE PEOPLE OF COLOR**, gathered together at this multinational People of Color Environmental Leadership Summit, to begin to build a national and international movement of all peoples of color to fight the destruction and taking of our lands and communities, do hereby re-establish our spiritual interdependence to the sacredness of our Mother Earth; to respect and celebrate each of our cultures, languages and beliefs about the natural world and our roles in healing ourselves; to ensure environmental justice; to promote economic alternatives which would contribute to the development of environmentally safe livelihoods; and, to secure our political, economic and cultural liberation that has been denied for over 500 years of colonization and oppression, resulting in the poisoning of our communities and land and the genocide of our peoples, do affirm and adopt **these Principles of Environmental Justice:**



- 1) **Environmental Justice** affirms the sacredness of Mother Earth, ecological unity and the interdependence of all species, and the right to be free from ecological destruction.
- 2) **Environmental Justice** demands that public policy be based on mutual respect and justice for all peoples, free from any form of discrimination or bias.
- 5) **Environmental Justice** affirms the fundamental right to political, economic, cultural and environmental self-determination of all peoples.
- 7) **Environmental Justice** demands the right to participate as equal partners at every level of decision-making, including needs assessment, planning, implementation, enforcement and evaluation.
- 8) **Environmental Justice** affirms the right of all workers to a safe and healthy work environment without being forced to choose between an unsafe livelihood and unemployment. It also affirms the right of those who work at home to be free from environmental hazards.
- 12) **Environmental Justice** affirms the need for urban and rural ecological policies to clean up and rebuild our cities and rural areas in balance with nature, honoring the cultural integrity of all our communities, and provided fair access for all to the full range of resources.
- 14) **Environmental Justice** opposes the destructive operations of multi-national corporations.



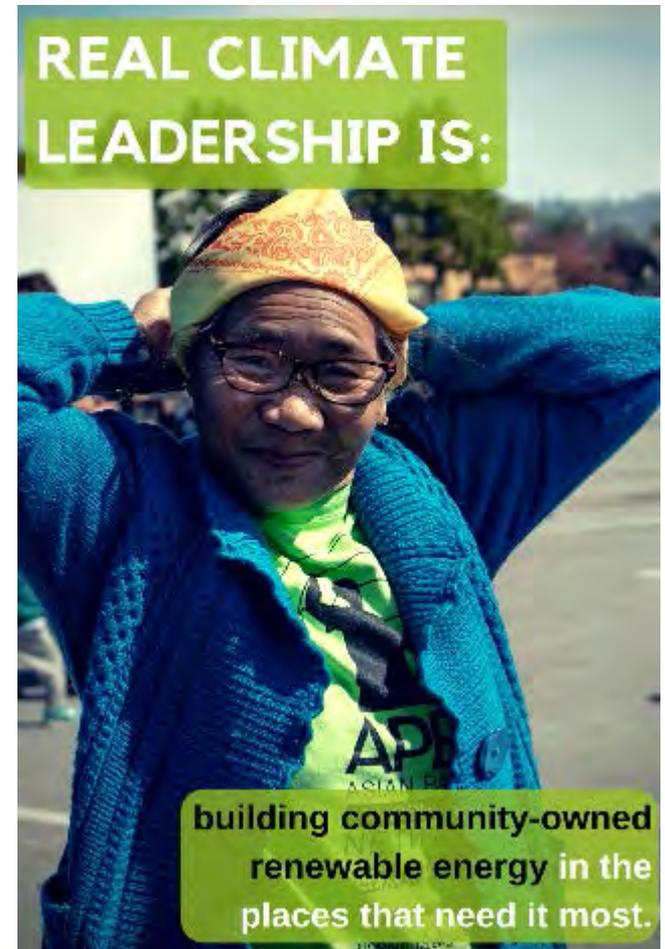
# Environmental Justice

- Movement borne out of struggle against environmental racism
- Addresses how environmental harms are distributed, especially poverty and race.
- Engages with human environments like neighborhoods and workplaces
- Follows the principle that most impacted communities speak for themselves and lead with the solutions.
- Includes an analysis around power and systemic oppression and challenges them
- Values community organizing



# Climate Justice

- Intersections of climate change and racial, social, economic injustices
- Recognize need to focus on changing the underlying extractive economy
- Includes an analysis around power and systemic oppression and challenges them
- Name “false solutions” and climate capitalism



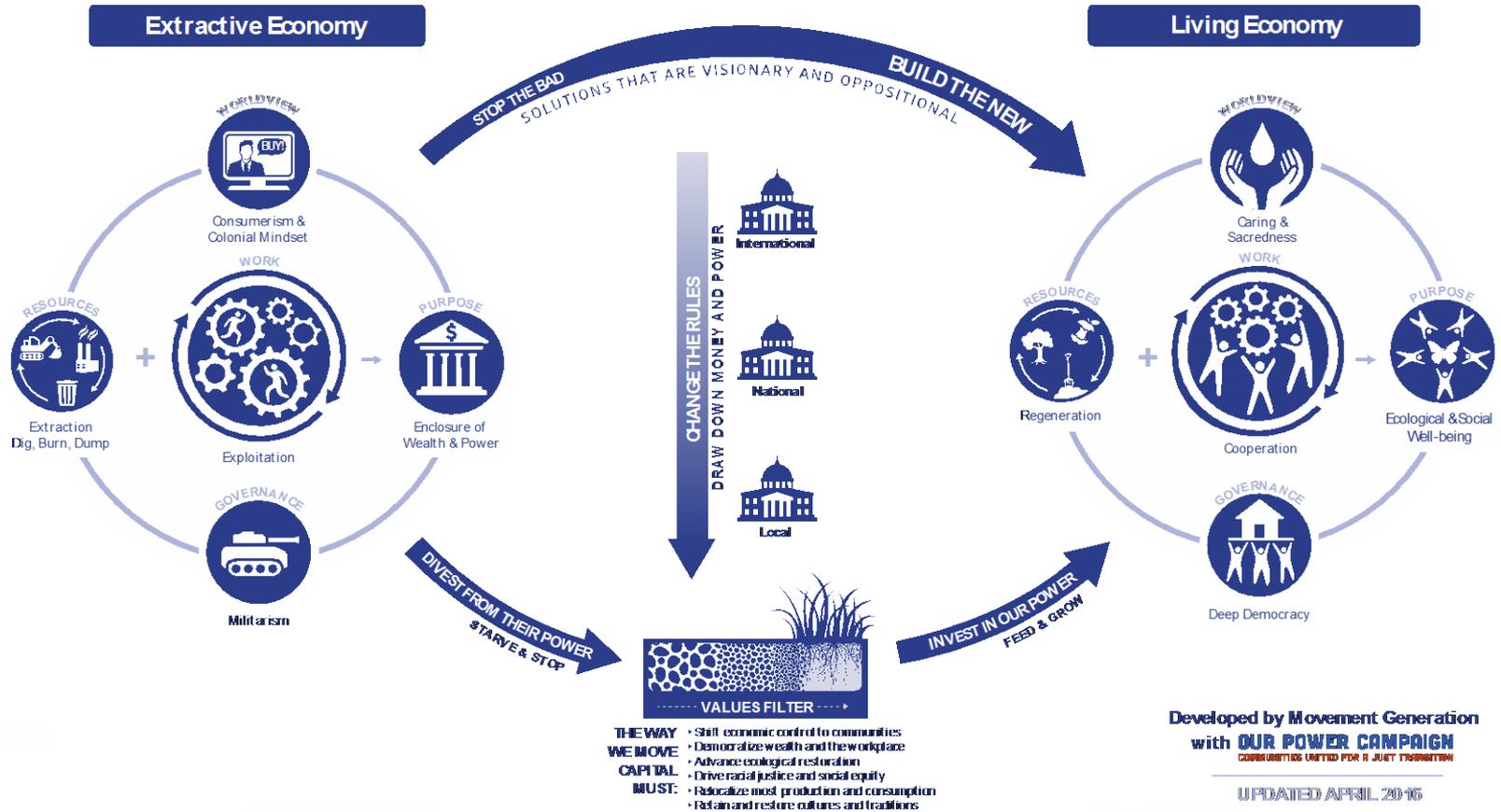
# WE SPEAK FOR OURSELVES



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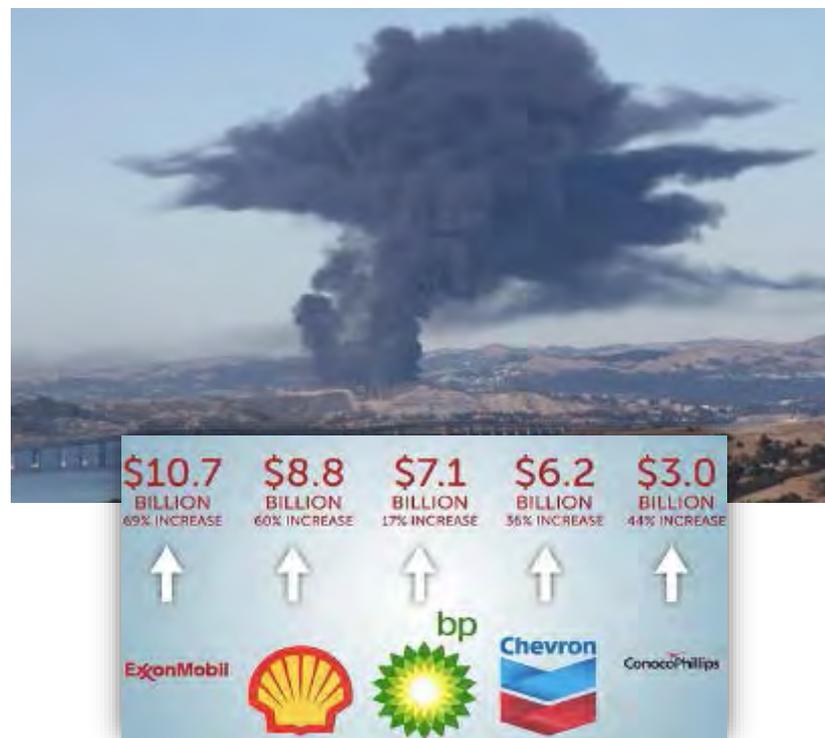
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# A STRATEGY FRAMEWORK FOR JUST TRANSITION



# Extractive Economy

- The primary **purpose** of the dominant economy - what we call the Extractive Economy - is the accumulation and concentration of wealth and power in the hands of few.



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# Low-income communities and communities of color are disproportionately impacted by climate polluters.

Communities within 2.5 miles of a greenhouse gas facility have:

**22% higher proportion of people of color**

**21% higher proportion of low-income people**

The more emitting facilities, the higher % people of color:



**Climate solutions must start with most impacted communities!**



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## Top-100 lobbyist employer spenders in 2nd Quarter

Lobbyist employer	City	State	Lobbyists	Public Utilities Commission	Activity expenses	Other payments to influence	Grand total <sup>▲</sup>
Chevron Corporation And Its Subsidiaries	San Ramon	CA	\$340,355	\$0	\$40,932	\$5,772,665	\$6,153,952
Western States Petroleum Association	Sacramento	CA	\$548,890	\$0	\$0	\$1,979,860	\$2,528,751
Tesoro Refining & Marketing Co. LLC	San Antonio	TX	\$158,029	\$0	\$0	\$2,035,461	\$2,193,489

Source: <http://www.sacbee.com/news/politics-government/capitol-alert/article164845307.html>



# Selected Significant Climate Anomalies and Events May 2018

## GLOBAL AVERAGE TEMPERATURE

May 2018 average global land and ocean temperature was the fourth highest for May since records began in 1880.

## NORTH AMERICA

Warmer-than-average temperatures engulfed much of North America during May 2018, with the exception of Alaska and northeastern Canada. As a whole, North America had its highest May temperature since 1998 and the second highest since continental records began in 1910. The contiguous U.S. had its warmest May since records began in 1895.

## SUBTROPICAL STORM ALBERTO

(May 25–31, 2018)

Maximum winds - 100 km/h  
Alberto brought heavy rain to parts of the southeastern contiguous U.S., triggering flash floods and mudslides.

## ARGENTINA

Argentina had its seventh highest May temperature since 1961. Several regions in northern Argentina had a May temperature that ranked among the five highest Mays on record.

## ANTARCTIC SEA ICE EXTENT

May 2018 sea ice extent was 8.6 percent below the 1981–2010 average—the third smallest May sea ice extent on record.

## EUROPE

Europe had its warmest May since records began in 1910. Several European countries had a record or near-record warm May.

## AFRICA

May 2018 tied with 2005 as the ninth highest May temperature on record.

## ARCTIC SEA ICE EXTENT

May 2018 sea ice extent was 8.1 percent below the 1981–2010 average—the second smallest May sea ice extent since satellite records began in 1979, behind 2016.

## ASIA

Warmer-than-average conditions were present across much of Asia, with cooler-than-average conditions across central Russia and Far East Russia. Overall, this was the coolest May since 2009.

## CYCLONE MEKUNU

(May 21–27, 2018)

Maximum winds - 185 km/h  
Mekunu, the 10th tropical cyclone in the Arabian Sea in the last 11 years, ranked as the fourth strongest cyclone over the Arabian Sea. Salalah, Oman, received over twice the annual average precipitation for the city in a 36-hour period.

## AUSTRALIA

Drier-than-average conditions plagued much of Australia, giving way to the driest May since 2008 and the third driest since records began in 1900.

Please Note: Material provided in this map was compiled from NOAA's State of the Climate Reports. For more information please visit: <http://www.ncdc.noaa.gov/sotc>



# Regenerative Economy



The purpose of the **Regenerative Economy** is ecological restoration, reparations, healing, community resilience, social equity, and self determination.



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**ZERO WASTE**



**PUBLIC TRANSPORTATION**



**CLEAN COMMUNITY ENERGY**



**EFFICIENT, AFFORDABLE, DURABLE HOUSING**



**ECOSYSTEM RESTORATION & STEWARDSHIP**



**COOPERATIVE ECONOMICS**



**RIGHTS TO LAND, WATER & FOOD SOVEREIGNTY**



**CLIMATE JOBS**  
**COMMUNITY RESILIENCE**

Assembled by:  
 The LABOR/COMMUNITY  
 Strategy Center



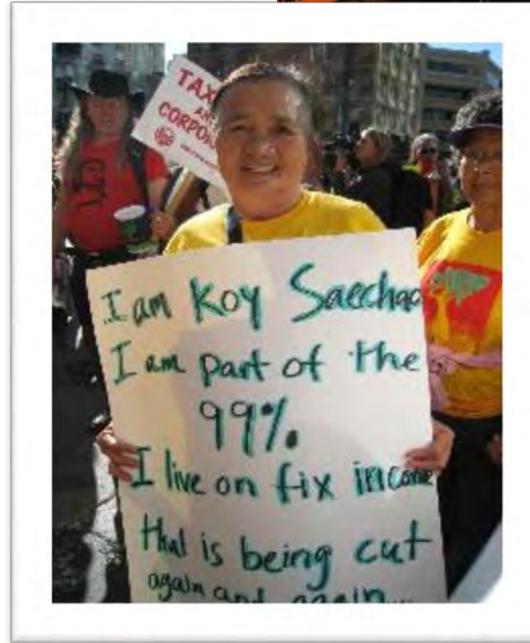
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- JUST TRANSITION STRATEGIES
- Stop the Bad
- Build the New
- Move the Money
- Change the Rules
- Change the Story
- Build a Movement of Movements



# ORGANIZE TO STOP THE BAD



# ORGANIZE TO BUILD THE NEW



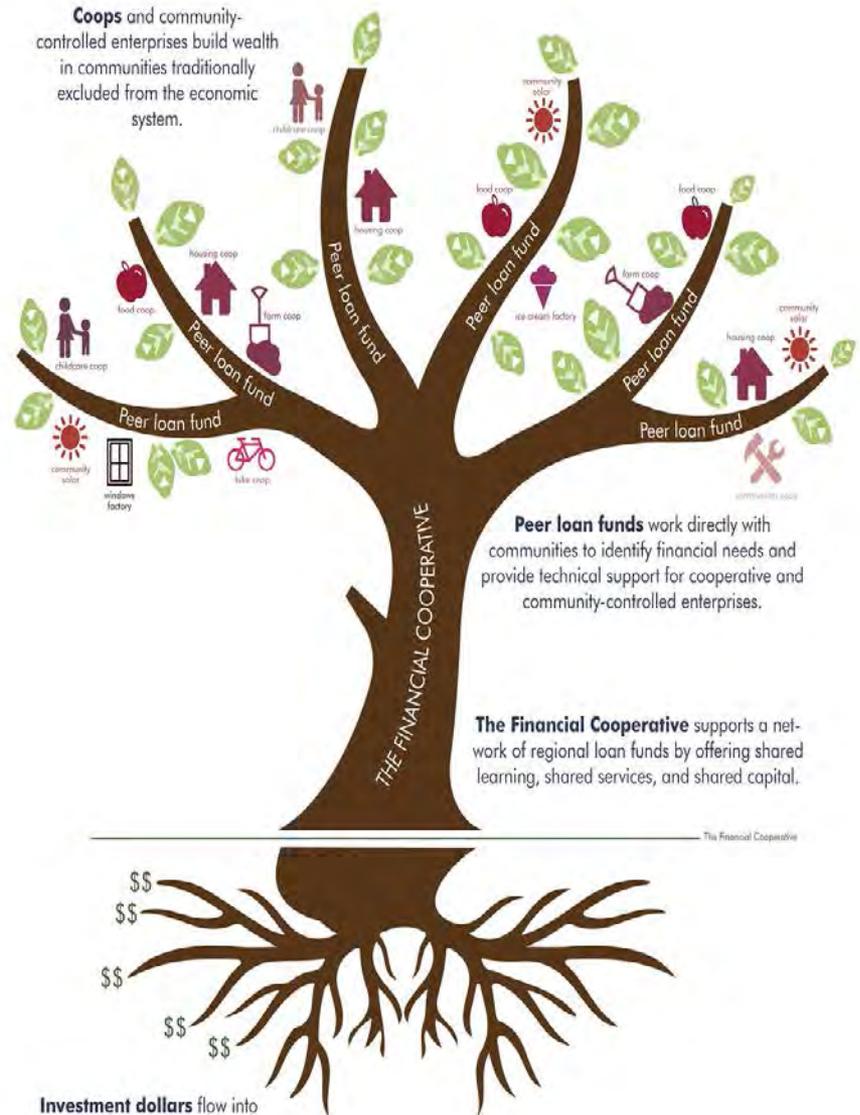
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# ORGANIZE TO CHANGE THE RULES





# ORGANIZE TO MOVE THE MONEY



# ORGANIZE TO BUILD A MOVEMENT OF MOVEMENTS



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*We live every day on the frontlines of the climate crisis - with illnesses and the danger of explosions. I am happy to be a part of this new journey so my children and grandchildren can live a better and healthier life.*

**MEY SAECHAO**

Asian Pacific Environmental Network  
RICHMOND, CALIFORNIA



**OUR POWER  
STORIES** 2014

**#OURPOWERRICHMOND2014**  
**OURPOWERCAMPAIGN.ORG**



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# Contact Information

Vivian Yi Huang  
Campaign & Organizing Director

[vivianh@apen4ej.org](mailto:vivianh@apen4ej.org)

510-282-0135 cell



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October 18, 2018

Amalia Cunningham  
 Economic Development Manager, Contra Costa County  
 30 Muir Road  
 Martinez, CA 94553

Dear Ms. Cunningham,

At the October 2, 2018 meeting of the NWEDI Ad Hoc Committee, you offered the possibility of presenting additional written comments on the Strategic Action Plan for the Project. Thank you for this opportunity to offer suggestions. This is an exciting and significant moment for our County and we commend the hard work, analysis and vision that is contained within this document.

Below are some suggested adjustments to the framework. These comments advocate for County leadership in recognizing that all local governments need to take urgent, prioritized action to address the climate breakdown we are witnessing and the risk of catastrophic climate change. The October, 2018 scientific report from the Intergovernmental Panel of Climate Change (IPCC) reinforces what other studies continue to affirm: That new, significant efforts are required at all scales of government and the private sector to keep global warming to 1.5c. Development plans that intersect with industrial form, land use, energy, housing and infrastructure must be guided by this urgent need for action to move away from reliance on greenhouse gas-emitting fossil fuels. The County and cities that are potential partners in the NWEDI all have climate action plans that should be incorporated into any new projects undertaken in the County.

We need to go further faster than we thought possible, prioritizing equity. Our imagination and will are needed. Numerous modeling studies and on the ground examples elsewhere, demonstrate that bold action need not come at the expense of living wage jobs or a vibrant local economy and business attraction. But, for equity- informed action on climate to be effective, plans need to set out that intent.

In this spirit, here are some suggestions of modifications in the Strategic Action Plan framework that will prioritize planning for development that aligns with what is needed to contain the worst effects of a warming planet *and* growing economic inequality.

## **NWEDI STRATEGIC ACTION PLAN** (blue color indicates suggestions)

### **GUIDING PRINCIPLES**

- **Economic Opportunity for business, individuals and communities.**  
 Create local job opportunities for all residents with career pathways leading to jobs [paying family-sustaining wages](#)  
[Attract](#) clean and green 21st century jobs  
 Promote emerging industry clusters that are the engines of [sustainable](#) economic growth
- **Environmentally Sustainable with the goal of GHG reduction.**  
 Improve public access to the waterfront  
 Incorporate placemaking principles into community plans

- **Talent Driven**  
Develop training programs to improve access to jobs. Develop a pipeline of skilled workers
- **Tax Base Enhancement**  
Increase capacity of local governments to fund public services and infrastructure
- **Collaborative**  
Work with local, regional, & community partners to advance the region's economic prosperity

## VISION

NWEDI is a vibrant regional economy designed to support environmental sustainability and reduction of climate and air pollution, creating quality job opportunities for all residents and contributing to healthy, sustainable communities.

## STRATEGIC FOCUS

### Goals

1. Ensure broad-based ongoing public, residential and private stakeholder engagement, with community oversight structured within the project
2. Develop a Strong Inclusive Regional Economy with local community and resident benefits
3. Build a Globally Competitive Workforce
4. Enhance Regional Competitiveness
5. Promote Innovation & New Business Formation
6. Attract New Business Investment

### Two final comments.

1. A challenge with developing a strong regional economy is the risk of gentrification. Objectives for this goal should include a commitment to mitigate the risk of rising housing costs that would force some residents to relocate.
2. The project needs to clearly state a commitment to prevent further expansion of fossil fuel infrastructure. We recognize this as necessary for the protection of community health, and because our planet has reached the limits of its ability to handle increased emissions. We do not want to repeat the experience of the Port of Oakland where the City is now engaged in a legal fight to halt the transport of coal through its port. We do not want to open doors for expanded transport of toxic goods like coal, pet coke or heavy or tar sands crude oil into refineries along the Northern Waterfront. In order to prevent these potential uses (the West Coast is a priority target for shipments to Asia), the plan must be explicit.

Thank you for the opportunity to offer comments and we look forward to discussion of these and other comments as you move to finalize the Strategic Action Plan.

Signed (**organizations for identification purposes only; no endorsement implied**):

Marti Roach, Moraga

(350 Bay Area, Citizens Climate Lobby Contra Costa County, League of Women Voters Diablo Chapter, Climate Reality Leadership Corps)

Jan Warren, Walnut Creek

(Interfaith Climate Action Network of CCC)

Will McGarvey, Benicia

(Executive Director of the Interfaith Council of Contra Costa County, Interfaith Climate Action Network of ICCCC, and pastor at Community Presbyterian Church of Pittsburg, CA).

Shoshana Wechsler, Kensington

(Contra Costa Sustainability Commission)

Clifton Louie, Brentwood

(Citizens' Climate Lobby)

Michael Kent, San Pablo

(Citizens' Climate Lobby)

Nick Despota, Richmond

(Citizens' Climate Lobby, Contra Costa Sustainability Commission)

Tyler Snortum-Phelps, Walnut Creek

(Sustainable Contra Costa, Unity of Walnut Creek)

Howdy Goudey, El Cerrito

(Sustainability Commission, El Cerrito Environmental Quality Committee)

Ogie Strogatz, Walnut Creek

(Orinda Progressive Action Alliance)

Quahira Santana, Moraga

(Interfaith Climate Action Network of Contra Costa County)

Cynthia Mahoney, MD, Danville

(Medical Society Consortium on Climate & Health, Citizens' Climate Lobby)

Marcia Liberson, Walnut Creek

(350 Bay Area)

Carolyn Knoll, Orinda

(350 Bay Area, Orinda Progressive Action Alliance, SURJ Contra Costa)

David Carillo, Benicia

(Center for Human Development, East County Leaders Network)

Kay James, Moraga

(Lamorinda Peace & Justice Group)

Douglas Merrill, Lafayette

(Citizens' Climate Lobby)

Trish Clifford, Richmond

(Citizens' Climate Lobby)

Margi Auclair, Walnut Creek

(Mount Diablo Peace and Justice Center)

Lisa Chang, MD, Alamo

(Citizens' Climate Lobby)

Carol Weed, MD, Walnut Creek

(Sustainable Rossmoor, Contra Costa Organizing for Action)

Wei Tai Kwok, Lafayette

(Sustainable Lafayette, Climate Reality Project Bay Area Chapter)

Steve Richard, Lafayette

(Sustainable Lafayette, Climate Reality Project Bay Area Chapter)

Harry Thurston, Antioch

(Contra Costa Sustainability Commission)

Cc Supervisor Federal Glover, Supervisor Diane Burgis



## Contra Costa County Sustainability Commission

5.

**Meeting Date:** 12/10/2018  
**Subject:** APPROVE 2018 Annual Report and 2019 Work Plan  
**Department:** Conservation & Development  
**Presenter:** Jody London, Sustainability Coordinator    **Contact:** Jody London, DCD

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### **Referral History:**

Advisory bodies to the Board of Supervisors are required to submit an annual report and work plan every year. The Sustainability Commission reviewed a draft annual report and work plan at its October meeting.

### **Referral Update:**

Staff has updated the 2018 Annual Report and 2019 Work Plan to the extent possible, in consultation with the Chair and Vice Chair of the Sustainability Commission.

### **Recommendation(s)/Next Step(s):**

APPROVE 2018 Annual Report and 2019 Work Plan

### **Fiscal Impact (if any):**

N/A.

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## **ATTACHMENTS**

2018 Annual Report and 2019 Work Plan



# CONTRA COSTA COUNTY SUSTAINABILITY COMMISSION

## 2018 ANNUAL REPORT AND 2019 WORK PLAN

### PURPOSE

The Contra Costa County Sustainability Commission was created to:

- A. Advise the Board of Supervisors and staff on successful implementation of the *Climate Action Plan*, including suggestions on how that work can be performed more efficiently and effectively.
- B. Advise the Board of Supervisors on opportunities to realize equity and fairness across the diverse communities of Contra Costa County in sustainability programs that support the *Climate Action Plan*.
- C. Advise the Board of Supervisors and staff on how to better engage Contra Costa County residents and businesses on sustainability issues and implementation of the *Climate Action Plan*.

### 2018 ANNUAL REPORT

The current members of the Sustainability Commission are:

- |   |   |
|---|---|
| Victoria Smith, Member, District 2, Chair     | Travis Curran, Alternate, District 4            |
| Howdy Goudey, At-Large, Community, Vice Chair | Charles Davidson, Member, District 5            |
| Nick Despota, Member, District 1              | Mark Thomson, Alternate, District 5             |
| Shoshana Wechsler, Alternate, District 1      | Harry Thurston, At-Large, Community Group       |
| Ryan Buckley, Alternate, District 2           | Kathy Cutting, At-Large, Business               |
| John Sierra, Member, District 3               | Nicholas Snyder, At-Large, Business             |
| Gretchen Logue, Alternate, District 3         | Doria Robinson, At-Large, Environmental Justice |
| Wes Sullens, Member, District 4               | Kim Hazard, At-Large, Education                 |

The Commission meets the fourth Monday in February, April, June, August, October, and December, at 5:00 p.m., at 30 Muir Road, Martinez, unless a different location has been determined. The December meeting is earlier in the month. Jody London, Sustainability Coordinator, is lead staff. All members have completed the mandatory training.

The Chair and other members of the Commission participate in meetings of the Board of Supervisors' Ad Hoc Committee on Sustainability. The Commission receives briefings from County staff and representatives of other agencies and groups on a range of issues related to the Climate Action Plan. In August, the Commission held a retreat to discuss how to more effectively achieve its goals. The notes and outcomes from the retreat are attached. Following the retreat, the Commission developed and adopted a template it asks presenters to use when addressing the Commission.

Below is a summary of the 2018 accomplishments.

Topic	Accomplishments
Polystyrene Ban	In April, Commission members met with Public Works staff to learn about proposed ban and provide input. Public Works provided an update at the August 2018 Commission meeting. The Board of Supervisors on December 9 directed staff to develop a polystyrene ban that includes restaurants and other food service businesses, private care facilities, and private service providers, and bans the sale of polystyrene food containers.
Carbon Fee and Dividend	The Commission asked the Board of Supervisors to incorporate into the County's federal legislative platform support for a carbon fee and dividend. The Board on October 9 directed that a carbon fee to be added to the federal legislative platform.

<b>Topic</b>	<b>Accomplishments</b>
Renewable Resource Potential Study	The Sustainability Commission was briefed on this project in June. Several Commission members participated in the stakeholder meetings and submitted written comments.
Celebrating Success	The Sustainability nominated two groups for Sustainable Contra Costa Leadership awards: the North Richmond Watershed Connections Project, and the Public Health Academy at Alhambra High School. Both won and were recognized in September.
Realizing Equity and Fairness	The Commission discussed how it could better achieve this purpose at its retreat. In October, the Commission met with the Asian Pacific Environmental Network to learn more about environmental justice and climate planning. This work is ongoing.
Communication and Engagement	Members of the Commission are working with staff on how to better engage County residents and businesses. Commission members participated in a November workshop hosted by the County Sustainability Exchange with ecoAmerica on Let's Talk Climate!
Fix-It Clinics	One member of the Commission partnered with staff from the County Library to host two Fix-It Clinics at the El Cerrito Library, one at the Antioch Library and one at the San Pablo Library.
Adapting to Rising Tides	A member of the Commission researched sea level rise. She reached out to the Bay Conservation and Development Commission regarding the ART study. BCDC presented to the Commission in June. Members of the Commission participated in the August kickoff meeting for the ART-Eastern Contra Costa project.

## **2019 WORK PLAN**

The Commission will continue to report to the Ad Hoc Committee on Sustainability, as well as to the full Board. Projects and initiatives related to the *Climate Action Plan* on which the Commission anticipates it will advise the Board of Supervisors and staff include:

- General Plan Update
- *Climate Action Plan* update
- Integrating equity and environmental justice into the *Climate Action Plan* and related documents and projects
- Identifying and pursuing opportunities to develop green benefits districts throughout the County
- Electric Vehicle Readiness Blueprint
- Advocacy on issues related to the *Climate Action Plan*
- Potential health impacts of climate change
- Outreach and education on sustainability to Contra Costa County residents and businesses
- Resiliency, including the Adapting to Rising Tides studies for Eastern Contra Costa County and the Bay Area region
- Issues related to water conservation and drought
- Land use and public transportation, including pedestrian and bicycle access
- Energy Efficiency & Renewable Energy
- Recycling, particularly the lack of facilities to process recycled materials

## ATTACHMENT 1

### NOTES: Sustainability Commission Retreat August 18, 2018

These notes were compiled by the facilitator, Marti Roach, from flip chart notes. Page 1 is the agenda for the Meeting. Page 2 shares a few comments captured by the opening activity and review of last year's work. Key documents for moving forward, including goals, are found starting on page 3.

It is recommended that the Commission review the Goals and actions going forward to affirm correct wording and intent as transcriptions/ reorganization of ideas from the flip charts may have gotten something awry.

#### Participant Agenda for Meeting

##### *Desired Meeting Outcomes*

- Appreciate and learn from our past work
- Clarify our responsibilities and what they mean for what we do and the impact we want
- Confirm ideas for our focus and operations that will support our effectiveness

**9:00 am**            **Welcome, Agenda Review, Opening Conversation**

**Reflecting on our work, what we have learned and implications for going forward** (whole group review and discussion.)

**Clarifying our mandate and our roles to maximize our impact.** (small group carousel discussions)

**BREAK (estimated time: 10:50)**

**Report outs on Carousel small group discussions.**

**Discussion on what substantive work we want to prioritize as a Commission**

**Public Comment**

**12:45**            **Closing and next steps**

**Some of the comments that came out when reflecting on the opening introductions:**

- We need to focus on deliverables of the Commission.
- Most are on the Commission for networking.
- Need to address redundancies across communities and County.
- Still learning.

**Some of the learnings mentioned after review of the first year work of the Commission:**

- We need to track suggestions and our advice
- Polystyrene model of work: a few Commissioners research a topic and bring back to Commission a recommendation, which is discussed and acted on. Jody commented that this work had the effect of getting attention of the responsible Department and they did more work on this issue.
- Role in Carbon tax as educators at Ad Hoc Committee
- How can we initiate things?
- Focusing on MCE promises for clean energy –an idea for action. Jody commented there is a place for engagement on this and she will send out.
- Focus on guidance to Ad Hoc Committee
- Attend Ad Hoc Committee meetings with preparation.

**At the end of the retreat, with time short, a couple of comments on what we did not get to:**

1. A more technical level look at what we will focus on
2. No chance to discuss and prioritize the efforts that are underway

**Small Group “Carousel” Discussion on Commission Mandate and Role**

	ADVICE TO STAFF AND BOS ON SUCCESSFUL IMPLEMENTATION OF THE CAP	ADVISE THE BOS ON OPPORTUNITIES TO REALIZE EQUITY AND FAIRNESS ACROSS THE DIVERSE COMMUNITIES OF CCC IN SUS. PROGRAMS	• PROVIDE SUGGESTIONS TO STAFF & THE BOS ON HOW TO BETTER ENGAGE CONTRA COSTA COUNTY RESIDENTS & BUSINESSES ON SUSTAINABILITY ISSUES. INCLUDING IMPLEMENTATION OF THE CAP
<b>What do we need to do and/or find out</b>	<ul style="list-style-type: none"> <li>• What is/is not being done to implement CAP.</li> <li>• Want pres. from County staff to clearly tie their actions to specific CAP measure and how we can provide input. (2)</li> <li>• Arrange small group follow-up with staff to determine how we can support their work. (2) Commission be included in early input/ development of CAP update /General Plan (1)</li> <li>• We need regional information for larger picture (MTC, BAAQMD, Agencies, State)</li> <li>• Request to adjacent Cities to present their CAP plans to help understand existing indicators and overlap.</li> </ul>	<ul style="list-style-type: none"> <li>• More diverse commission (2)</li> <li>• Allied with low-income communities (2)</li> <li>• Look at other city action plans (?)</li> <li>• Bring diverse community members to Mtg.</li> <li>• Invite community groups to be part of our meetings and activities</li> <li>• Implement practice of examining issues using Sustainability Pillars</li> <li>• Invite Climate Justice Alliance to present their equity frame and solution suggestions to Commission.</li> <li>• Be participants of Northern Waterfront project</li> <li>• When receiving presentations, ask about each group’s equity plan and offer support, if needed.</li> </ul>	<ul style="list-style-type: none"> <li>• What are the current resources available: \$, people, initiatives, etc. in County and in Commissioners. (2)</li> <li>• What is currently in place to reach the res. /bus. /city/county? (2)</li> <li>• How are bus. Categorized (size, type, industry, etc.?)</li> <li>• Find out if there are any limitations to what we can say/how much we can advocate.</li> <li>• Limitations on political endorsements for Commission?</li> <li>• Find out if there are other CBOs, Chamber, Biz groups doing outreach that we can collaborate with. (2)</li> <li>• ID touchpoints, key communities to engage (i.e. schools, city councils)</li> <li>• We have not established engagement strategies with stakeholders</li> </ul>
<b>What is in place already to support this work</b>	<ul style="list-style-type: none"> <li>• Implementation Matrix. (1)</li> <li>• Attending the Ad Hoc Committee-tracking their activities. (2)</li> <li>• After each presentation, a lot of discussion time amongst commission members on what /How? If we could advise on that initiative/issue. (2)</li> </ul>		<ul style="list-style-type: none"> <li>• County input at meetings to further understand existing programs.</li> <li>• Have reps at Ad Hoc Committee</li> </ul>
<b>What questions arise</b>	<ul style="list-style-type: none"> <li>• Reframing understanding of our role as advisory rather than hands on implementation.</li> </ul>	<ul style="list-style-type: none"> <li>• While focusing on where to make the largest impact, how do we ensure also being inclusive of all communities?</li> <li>• How can we be more aggressive/pro-active in creating equity and not just following whatever the state says?</li> </ul>	<ul style="list-style-type: none"> <li>• Clarity on our roles w/ business (do we reach out to them?)</li> <li>• How do we get involved in the process-or do we?</li> <li>• Do we have staff/ paid communications staff to support this responsibility?</li> <li>• How do we interface with communications from Depts.?</li> <li>• CIO engagement; more direct line of communication w/ us.</li> </ul>

## **DISCUSSION ON THE CAROUSEL WORK LED TO A NUMBER OF ACTION**

**RECOMMENDATIONS.** *These are formatted, slightly adjusted from wall transcription, in an effort to best capture the recommendations. Review of them to finalize and affirm is encouraged. The idea of seeing these actions as pointing to work on specific goals of the Commission emerged in the Discussion and is captured here. If this framework is kept, some further clarity and better GOAL statements might help define the work.*

### **I. GOAL: Support Update of CAP**

#### **I. A. Convene municipalities to review, together, their CAPS, sharing common concerns and partnership to find solutions together.**

This will be done with attention to equity (use equity frame) and community engagement and include a public health perspective. Consideration will be given to inviting the Climate Justice Alliance to speak at this event.

**Lead Commissioners:** Kathy Cutting, Wes Sullens, Howdy Goudey.

**Supporting action:** Doria will send the example of Richmond's plan for how to integrate attention to health throughout the plan.

### **II. GOAL: Improve structure and operations of the Commission**

#### **II. A. Create a template for presentations. (and post presentation discussion and next steps identification).**

It will include questions the Commission wants answered, addressing topics like CAP measure, explain fit with CAP and experience in implementing the CAP, equity, public engagement, possible roadblocks (what can get in your way?) and what presenter needs from Commission, in line with Commission role.

**Lead Commissioners:** Nick Despota, Doria Robinson, Nick Snyder. Jody a resource.

#### **II. B. Beyond Q&A, ensure internal discussion among Commissioners on the topic and next steps. Identify a point person to follow up with the Dept., as appropriate. Formulate clear "next steps" in line with Commission role.**

This discussion directed the template mentioned in A to also include the generic questions that are used in this discussion to meet its purpose.

#### **II. C. To support follow up and follow through on agenda actions and topics, Staff will make an agenda item for follow up in Commission meetings. A tracking sheet of action items and topics will be created by staff in Excel.**

**Lead Commissioner to help staff:** Nick Snyder

#### **II. D. Clarify communications and work with Ad Hoc Committee. Staff will provide agenda item at each meeting to determine topics of discussion to share at Ad Hoc Committee. The report will include a summary of what Commission as done and issues that arose. The Ad Hoc Committee will be asked if there are areas where we might align**

**on specific topics/issues to advance common work.**

*(this latter action was agreed upon after a lot of discussion that pointed to the wish to work with the BOS through the Ad Hoc Committee but at the same time to be sure that the Commission maintains independence of its work.)*

**Lead Commissioner:** Sustainability Commission Chair

### **III. GOAL: Activate Commission role in Community Engagement.**

#### **III. A. Gather information on current status of engagement plans in the CAP in Depts.**

**Lead Commissioners:** Ryan Buckley, Travis Curran, Harry Thurston, Gretchen Logue

Discussion occurred around a query about Commissioners' role in visiting groups such as Chambers of Commerce to educate about county and Commission work and elicit views from these groups. Discussion reaffirmed the primary role of the Commission to provide suggestions on stakeholder engagement to staff and recognized that Commission members can also do outreach to groups if they wish. In review, it was also suggested that this outreach could show up in written or web based communications as well.

It was noted that the Commission's role on business and resident engagement is addressed in Goals I and II by including queries on this topic, and raising it as an area of action within a CAP and providing opportunity for the Commission to follow up on these issues with Departments implementing the CAP.

### **IV. GOAL: Develop/ adopt an equity frame for the Commission's work**

**IV. A. Invite the Climate Justice Alliance to a meeting as soon as is possible to learn of their work and their equity frame. Invite staff from other County departments to attend as well.**

**Lead Commissioner:** Doria Robinson

### **V. Participate in the General Plan Update.**



# Contra Costa County

## Sustainability Commission

6.

**Meeting Date:** 12/10/2018  
**Subject:** APPROVE *Climate Action Plan* Progress Report  
**Department:** Conservation and Development  
**Presenter:** Jody London, Sustainability Coordinator **Contact:** Jody London, DCD

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### **Referral History:**

At its October 22, 2018, meeting, the Sustainability Commission reviewed a first draft of the 2018 *Climate Action Plan* Progress Report (Progress Report).

### **Referral Update:**

The first draft of the Progress Report focused on progress over the past year on the action items associated with the measures in the *Climate Action Plan*. Commission members requested the Progress Report include data on numeric targets, as well. Staff has compiled this information in a separate narrative for those measures that have numeric target. Staff recommends this document be combined with the spreadsheet.

Staff suggests that the Commission focus on working with the consultants who are preparing the update to the *Climate Action Plan* to identify measures that can be tracked and reported on for the CAP Update. The Commission may also want to advise staff and the consultants on reporting dashboard formats that are easier to manage and view.

### **Recommendation(s)/Next Step(s):**

APPROVE *Climate Action Plan* Progress Report

### **Fiscal Impact (if any):**

None.

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## **ATTACHMENTS**

2018 *Climate Action Plan* Progress Report – Numeric Targets

2018 *Climate Action Plan* Progress Report – Action Item Progress Report

**Contra Costa County Sustainability Commission**  
**2018 Climate Action Plan Progress Report – Numeric Targets**

The Contra Costa County Sustainability Commission’s purpose includes advising the Board of Supervisors and staff on successful implementation of the *Climate Action Plan (CAP)*, including suggestions on how that work can be performed more efficiently and effectively. The Commission is interested in reporting on progress in meeting the numeric targets in the 2015 *Climate Action Plan*. This report provides updates on progress in meeting the numeric targets. The attached spreadsheet includes detailed information on progress in meeting the action items identified in the *Climate Action Plan*.

There are several areas where the County has made significant progress in meeting the quantitative *Climate Action Plan* targets. A number of the measures do not have targets and are considered “supportive.”

**Energy Efficiency** (Measures EE1, EE2, EE3)

GHG Emissions Reductions Target for All EE Measures		GHG Emissions Reductions Expected by 2020 for All EE Measures	Total % Expected to be Completed
7200		7528	105%
Measure	Percent of Completed Projects (Total to date through 2017)	Projected Percent of Completed Projects up to 2020	
EE1	Provide opportunities for residential buildings to become more energy efficient.	22%	44%
EE2	Provide opportunities for nonresidential buildings to become more energy efficient.	4%	8%
EE3	Provide education and outreach highlighting the benefits of energy conservation.	589%	1178%

**Cool Roofs and Shade Trees** (Measure EE4)

The *CAP* calls for 1,790 existing homes and 9 businesses to complete cool roof retrofits by 2020. In 2017, staff reported steady increases of cool roofs on homes, but not at a rate to meet the target.

Residential Cool Roof installations

Year	# Cool Roofs Installed
2010	54
2011	46
2012	31

2013	10
2014	44
2015	73
2016	226
2017	335
Total	819

**Commercial Cool Roof installations**

Year	# Cool Roofs Installed
2014	2
2016	3
2017	2

The CAP calls for 500 new shade trees to be planted in the unincorporated County by 2020. The County typically processes 50-60 tree permits per year. To meet the goal of 500 trees by 2020, the number of trees planted annually would have to be closer to 100. The County issues permits for trees associated with projects that require County approval. It is possible that people are planting trees that the County does not track.

**Rooftop Solar (Measure RE 1)**

The CAP calls for 50 new homes and 2,500 existing homes to have solar arrays by 2020. The County has far exceeded this goal, issuing on average 1,500 permits for rooftop solar since 2014. Since the County implemented online applications in 2015, about 25% of applications have been issued using that channel. In 2020, the State will require all new residential buildings to install solar.

<b>Summary of Roof Mount PV Permits Issued</b>			
<b>Year</b>	<b># of Roof Mount Solar</b>	<b># of Epermits</b>	<b>Notes</b>
2008	315	NA	
2012	525	NA	
2014	1,343	NA	
2015	1,630	28	PVR ePermits implemented September 2015
2016	1,436	333	
2017	1,630	358	
2018	1,337	385	Permit data from 1/1/2018-11/30/2018
<b>TOTAL</b>	<b>8,216</b>	<b>1,104</b>	

**Solar on County Buildings (Measure RE 2)**

The County has installed nearly 5 MW of solar photovoltaics (PV) on County facilities to date. The performance target is 1 MW by 2020. The County is working to install solar PV at 11 more sites, many of which are also being considered for energy storage. This next wave of solar PV would result in a doubling of capacity and may include 3 MW of storage capacity. The new County Administration Building includes solar

canopies on the parking lot, as well as 14 electric vehicle chargers. The new Emergency Operations Center will continue to take energy from the solar panels that were at the site previously and is being evaluated for the possibility of upgrade to Zero Net Energy with the addition of more solar capacity, as is the new Administration building.

**MCE Enrollment** (Measure RE 3)

Measure RE 3 is supportive and does not have numeric target. However, this is an area of significant progress. The CAP identifies community choice aggregation as a strategy for increasing the amount of renewable energy consumed in the County. The County and nine cities opted to join MCE in May 2017, joining the five cities that had previously joined MCE. Customer accounts transitioned to MCE in April 2018. As can be seen below, across the County nearly 89% of customers are choosing MCE. In the unincorporated County, the largest population, over 90% of customers are choosing MCE. The number of customers enrolling in MCE’s Deep Green, 100 % renewable product, is significantly less.

<b>MCE Enrollment as of November 6, 2018</b>						
<b>Jurisdiction</b>	<b>Total Accounts</b>	<b>MCE Accounts</b>	<b>MCE Partic. %</b>	<b>OPT OUT %</b>	<b>Deep Green Accounts</b>	<b>Deep Green % of MCE</b>
<b>Concord</b>	<b>51,292</b>	47,068	91.76%	8.10%	338	0.72%
<b>Contra Costa Co.</b>	<b>69,110</b>	62,367	90.24%	9.63%	691	1.11%
<b>Danville</b>	<b>17,686</b>	15,942	90.14%	9.73%	185	1.16%
<b>El Cerrito</b>	<b>11,752</b>	10,619	90.36%	9.45%	740	6.97%
<b>Lafayette</b>	<b>11,060</b>	9,845	89.01%	10.86%	500	5.08%
<b>Martinez</b>	<b>16,673</b>	15,257	91.51%	8.25%	163	1.07%
<b>Moraga</b>	<b>6,416</b>	5,741	89.48%	10.36%	75	1.31%
<b>Oakley</b>	<b>13,907</b>	11,394	81.93%	18.02%	43	0.38%
<b>Pinole</b>	<b>7,883</b>	7,301	92.62%	7.10%	62	0.85%
<b>Pittsburg</b>	<b>24,717</b>	22,900	92.65%	7.23%	77	0.34%
<b>Richmond</b>	<b>43,146</b>	34,941	80.98%	18.91%	822	2.35%
<b>San Pablo</b>	<b>10,552</b>	9,238	87.55%	12.31%	43	0.47%
<b>San Ramon</b>	<b>31,339</b>	28,564	91.15%	8.73%	166	0.58%
<b>Walnut Creek</b>	<b>37,124</b>	32,660	87.98%	11.87%	716	2.19%
<b>TOTAL</b>	<b>352,657</b>	313,837	88.99%	11.01%	4621	1.47%

**Financing Opportunities** (Measure RE 3)

The CAP calls for improving participation in programs that help finance investments in energy efficiency and renewable energy. Property Assessed Clean Energy (PACE) program allow property owners to voluntarily join an assessment district and borrow money for the purpose of making energy or water efficiency improvements to their property. In 2018, the County authorized a third PACE provider for property owners in the unincorporated County.

**Countywide Bike Trips Per Weekday** (Measure LUT 1)

The CAP sets a target of 33,630 average countywide bike trips per day. This is not a metric that staff has been

tracking due to cost of data collection and the inherent limitations of this data in a discontinuous municipality/geography such as the unincorporated area. Staff has provided data on the action items in the CAP for this measure, including infrastructure to support bicyclists and pedestrians, pervious pavement, and grants. Absent bike trip counts, the County tracks data on the development of infrastructure that supports bicycles and pedestrians. Due to the well-established, strong correlation between the installation of new, high quality infrastructure and increases in bike use, the quantity of new infrastructure is used as a proxy bike trips. In 2018, the County added 18,025 feet of bike lanes, 1,360 feet of path/sidewalk, 24 curb ramps, and 2,655 square feet of pervious pavement in the unincorporated County. Improvements to this metric would include tracking the quantity of superior bicycle facilities (Class I or Class IV) installed and advocating for the Metropolitan Transportation Commission or Contra Costa Transportation Authority to track mode split on a countywide basis.

### **Alternative Fuel Vehicles** (Measure LUT 2)

The CAP sets various targets related to electric vehicles (EV), including annual vehicle miles traveled (VMT) per public charging station, VMT per EV, electricity use per EV, and households with an EV. These are not metrics that staff tracks currently. The County has an aggressive plan to increase the number of EVs across the County by focusing on charging infrastructure. The County is working with the Contra Costa Transportation Authority to develop an EV Readiness Blueprint that will identify locations for shared mobility charging hubs, best practices for local governments to follow in deploying EV charging infrastructure, and workforce training in the EV sector. The County is also exploring policy changes to electrify the County's fleet.

### **Lawnmowers Traded In** (Measure LUT 3)

To reduce emissions from off-road vehicles and equipment, the CAP sets a target for lawnmowers traded in. This is not a metric that staff tracks, nor is it clear how one would track that data.

### **Reduce Vehicle Miles Travelled** (Measure LUT 4)

This measure establishes targets for BART and bus trips taken by residents of the unincorporated County, and decreases in vehicle miles travelled in high occupancy vehicle lanes. For reasons similar to bike trip data, this is not something staff has been tracking to date. Such an effort would require significant coordination with BART, bus operators, and other agencies to measure. The County is in regular communication with all these agencies through regional coordinating councils and is regularly working with them to increase funding and ridership.

### **Reduce Water Demand** (Measure WE 1)

The CAP sets a goal of reducing water demand by 20% by 2020. The County does not have direct governing authority over water use, which falls to water purveyors. The State has set goals for reducing water use.

### **Reduce Waste** (Measure W1)

In the area of reducing solid waste, we have reduced tons by 80,189 which means we have not yet achieved the 2020 Performance Target of 90,850.

### **Reduce Methane and Other Emissions** (Measure W2)

Staff is finding that this goal is a difficult one on which to assess progress because there is no way to measure the goal of tons of reduced GHG emissions being captured, which is the metric specified for this measure. Making certain assumptions about the data and the measurement tools, staff reports the County likely achieved this goal for 2015, but did not achieve this goal for 2016 and 2017.

**Streetlights and Traffic Signals** (GO 1)

The CAP sets a goal of replacing 7,210 lightbulbs in County facilities. All of the streetlights in the County, both those owned by the County (1,800) and those owned by PG&E (5,800), have been converted to LED, as have all traffic signals in the unincorporated County. The County has a regular program to upgrade lighting in County buildings.

# CONTRA COSTA COUNTY CLIMATE ACTION PLAN IMPLEMENTATION GOALS 2018 - Action Item Progress

Measures	Policy Language	2020 GHG Reductions (MTCO <sub>2</sub> e)	2020 Performance Targets		Responsible Agencies	Lead Staff	Time Frame	Action Items Identified in CAP	Progress to Date																				
EE 3	Provide education and outreach highlighting the benefits of energy conservation.	430	2,900	Participating homes	Conservation & Development	Demian Hardman	Near-Term (by 2018)	<ul style="list-style-type: none"> <li>Engage with PG&amp;E to provide multilingual and culturally relevant educational material to residents and business</li> <li>Work with the Bay Area Green Business Program to highlight examples of energy-efficient local business</li> </ul>	<ul style="list-style-type: none"> <li>Worked with PG&amp;E implementer to target specific areas regarding Energy Efficiency Programs for Commercial Businesses through East Bay Energy Watch. Coordinated with Green Business Program on program leads.</li> <li>As of November 2017, there are 279 certified green businesses in Contra Costa Green Business Program (CCGBP). As of January 2018, all businesses, regardless of business or facility size, pursuing certification/recertification are referred to PG&amp;E.</li> </ul>																				
			60	Participating businesses	Health Services	Christine Locklear				EE 4	Reduce urban heat islands through vegetation management and cool surfaces.	20	1,790	Existing homes completing cool roof retrofits	Public Works	Aruna Bhat	Near-Term (by 2018)	<ul style="list-style-type: none"> <li>To increase use of higher-albedo materials</li> <li>Encourage developments with parking lot areas to shade these with vegetation or solar panels</li> <li>Promote the use of low-impact development (LID) strategy and reduction in impervious surface area of new development</li> <li>Increase use of cool roof materials on new and existing buildings</li> <li>Support programs to plant and maintain trees.</li> </ul>	<ul style="list-style-type: none"> <li>All applications for building permits must meet current building code requirements.</li> <li>County Off-Street Parking Ordinance includes requirements for the design a location of electric vehicle parking spaces, short- and long-term bicycle parking, and required landscaping (see attached).</li> <li>Current Planning Division typically processes 50-60 tree permits per year; so far in 2018, Current Planning has approved 47 tree permits. Most approvals require tree restitution, which typically exceeds the number of trees approved for removal.</li> </ul>	9	Existing businesses completing cool roof retrofits		500	New shade trees	Conservation & Development	RE 2	Promote installation of alternative energy facilities on public land.	270	1
EE 4	Reduce urban heat islands through vegetation management and cool surfaces.	20	1,790	Existing homes completing cool roof retrofits	Public Works	Aruna Bhat	Near-Term (by 2018)	<ul style="list-style-type: none"> <li>To increase use of higher-albedo materials</li> <li>Encourage developments with parking lot areas to shade these with vegetation or solar panels</li> <li>Promote the use of low-impact development (LID) strategy and reduction in impervious surface area of new development</li> <li>Increase use of cool roof materials on new and existing buildings</li> <li>Support programs to plant and maintain trees.</li> </ul>	<ul style="list-style-type: none"> <li>All applications for building permits must meet current building code requirements.</li> <li>County Off-Street Parking Ordinance includes requirements for the design a location of electric vehicle parking spaces, short- and long-term bicycle parking, and required landscaping (see attached).</li> <li>Current Planning Division typically processes 50-60 tree permits per year; so far in 2018, Current Planning has approved 47 tree permits. Most approvals require tree restitution, which typically exceeds the number of trees approved for removal.</li> </ul>																				
			9	Existing businesses completing cool roof retrofits																									
			500	New shade trees	Conservation & Development																								
RE 2	Promote installation of alternative energy facilities on public land.	270	1	MW of solar installed at public facilities in the unincorporated area	Conservation & Development Public Works	Brian Balbas	Near-Term (by 2018)	<ul style="list-style-type: none"> <li>Continue to install alternative energy facilities on public buildings and land in unincorporated county</li> <li>Continue to participate in Regional Renewable Energy Procurement Project or similar bulk purchasing programs</li> <li>Work with East Bay Municipal Utilities District and other wastewater processors to install cogeneration infrastructure treatment facilities</li> </ul>	<ul style="list-style-type: none"> <li>Current installed capacity on County facilities is 4.38 MW.</li> <li>Some wastewater processors and solid waste haulers are pursuing cogeneration projects.</li> </ul>																				

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LUT 3	Reduce emissions from off-road vehicles and equipment.	10	50	Lawnmowers traded in	Agriculture Conservation & Development	Matthew Slattengren Judi Kallerman	Near-Term (by 2018)	<ul style="list-style-type: none"> <li>Work with BAAQMD to incentivize use of battery-powered lawn and garden equipment</li> <li>Provide support for the BAAQMD's voluntary exchange program for lawn mowers</li> <li>Work with BAAQMD to increase the use of alternatively fueled equipment in agricultural operations</li> <li>Consider an amendment to County Building Code to prohibit unnecessary idling of off-road and heavy equipment</li> </ul>	<ul style="list-style-type: none"> <li>The Agriculture Department has authority only over the use of pesticides, not the equipment in use.</li> <li>Prohibiting idling of off-road and heavy equipment right now occurs on a case-by-case basis.</li> </ul>
GO 1	Save energy used for public lighting.	580	7,210	Number of lightbulbs replaced with LED bulbs	Public Works	Joe Yee	Near-Term (by 2018)	Complete LED upgrade of traffic signals, street lighting, and other public lighting located in the unincorporated area of the County.	<ul style="list-style-type: none"> <li>The County owns 1,800 streetlights, all of which have been converted to LED. PG&amp;E owns 5,800 street lights in the unincorporated County, all of which have been converted to LED.</li> <li>All traffic signals in the unincorporated County have been converted to LED.</li> </ul>
GO 3	Conserve water.	Supportive of Overall GHG Reductions	Supportive	n/a	Public Works	Joe Yee	Near-Term (by 2018)	Continue to install water-efficient landscaping on County properties and where possible, remove turf from County-owned facilities.	
EE 1	Provide opportunities for residential buildings to become more energy efficient.	2,140	3000	Single-family homes receiving basic retrofits	Conservation & Development	Demian Hardman	Mid-Term (by 2020)	<ul style="list-style-type: none"> <li>Continue to expand participation in energy efficiency and energy efficiency rebate programs</li> <li>Collaborate with local organizations and PG&amp;E</li> <li>Increase participation in low-income weatherization program</li> <li>Identify disadvantaged individuals to increase participation</li> <li>Work with PG&amp;E to promote appliance rebate program; participate in Property Assessed Clean Energy (PACE) programs.</li> </ul>	<ul style="list-style-type: none"> <li>Coordinated and implemented an annual Single-Family homeowner workshop with 47 homeowners in attendance to provide information regarding home energy efficiency rebate program.</li> <li>Distributed quarterly mailers to multi-family property owners regarding available energy efficiency rebate programs.</li> </ul>
			210	Single-family homes receiving advanced retrofits					
			700	Multi-family homes receiving retrofits					
			150	Single-family homes receiving pool pump upgrades					
			2,010	Homes receiving appliance upgrades					
	Provide opportunities for commercial buildings to become more energy efficient.		240	Businesses receiving retrocommissioning			<ul style="list-style-type: none"> <li>Continue to expand participation in energy efficiency and financing programs</li> <li>Provide focused outreach to local business</li> <li>Develop outreach materials explaining financing opportunities</li> <li>Identify staffing and revenue stream to develop shared landlord-tenant program</li> <li>Inform nonresidential business owners about savings potential from retrocommissioning, retrofits and deep retrofits</li> <li>Inform business community of monetary benefits with energy efficient appliances; collaborate with 4CL and PG&amp;E to develop and implement outreach.</li> </ul>	Coordinated with East Bay Energy Watch Program lead to support their marketing campaign in specific areas requested by PG&E throughout the County.	

## CONTRA COSTA COUNTY CLIMATE ACTION PLAN IMPLEMENTATION GOALS 2018 - Action Item Progress

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EE 2	nonresidential buildings to become more energy efficient.	4,630	120	Businesses receiving standard retrofits	Conservation & Development	Demian Hardman	Mid-term (by 2020)		
			30	Businesses receiving deep retrofits					
			300	Businesses receiving appliance upgrades					
EE 5	Increase Contra Costa County's capacity for energy efficiency through financing opportunities and workforce training.	Supportive of Overall GHG Reductions	Supportive	n/a	Conservation & Development Health Services Public Works	Jason Crapo Jody London	Mid-Term (by 2020)	<ul style="list-style-type: none"> <li>Monitor grants from cap-and-trade and other sources</li> <li>Create a framework for revenues from cap-and-trade offsets or allocations to fund energy efficiency and resource conservation programs</li> <li>Work with Contra Costa Community College District and Contra Costa Workforce Development Board to develop workforce training programs for green jobs</li> </ul>	<ul style="list-style-type: none"> <li>In 2017, the Department of Conservation and Development received a \$49,000 grant from the California Strategic Growth Council to develop a Renewable Resource Potential Study. In 2018, DCD helped the Contra Costa Transportation Authority win a \$200,000 grant from the CA Energy Commission to develop an Electric Vehicle Readiness Blueprint. DCD also won a \$200,000 Climate Protection from the Bay Area Air Quality Management District for the Cleaner Contra Costa online platform to engage residents in climate protection activities.</li> <li>Staff has not commenced developing a framework for revenues from Cap and Trade or other sources.</li> <li>The EV Readiness Blueprint includes a workforce development component in which staff expects both the Workforce Development Board and the community colleges will be engaged.</li> </ul>
Support the statewide transition to net			30	New ZNE homes	Conservation & Development	Jason Crapo		<ul style="list-style-type: none"> <li>Identify and remove barriers to zero net energy</li> <li>Work with developers, property owners, and financial donors to construct and publicize example zero net energy home prior to adoption</li> <li>Provide information about zero net energy buildings at public events, on County website and in development review</li> </ul>	<ul style="list-style-type: none"> <li>The Board of Supervisors declined to adopt in advance of the 2019 update to State building code an ordinance that would require solar to be installed on most new residential construction.</li> </ul>
			3	New ZNE businesses	Public Works	Brian Balbas			
			12	Retrofitted ZNE homes					

## CONTRA COSTA COUNTY CLIMATE ACTION PLAN IMPLEMENTATION GOALS 2018 - Action Item Progress

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EE 6	Transition to net zero energy construction for new residential buildings by 2020 and new nonresidential buildings by 2030.	290	1	Retrofitted ZNE businesses			Mid-Term (by 2020)	<ul style="list-style-type: none"> <li>process, including cost effectiveness</li> <li>Explore making new and significantly retrofitted County buildings zero net energy</li> </ul>		
RE 1	Promote installation of alternative energy facilities on homes and businesses.	8,820	50	New homes with solar arrays	Conservation & Development	Will Nelson	Mid-Term (by 2020)	<ul style="list-style-type: none"> <li>Amend the County Zoning Code to designate areas and development standards to support small and medium sized alternative energy and energy storage installations not covered by AB2188</li> <li>Train planning staff to provide guidance and information on the streamlined process and available incentives</li> <li>Develop standards for ministerial approval of rooftop energy systems on commercial buildings and warehouses</li> <li>Encourage participation in PG&amp;E's green tariff program</li> </ul>	<ul style="list-style-type: none"> <li>The new County Administration Building and Emergency Operations Center are both likely to achieve LEED Gold.</li> <li>The Board's approval of community choice energy and decision to join MCE provides added incentive for property owners to install solar, resulting from MCE's more attractive net metering program.</li> <li>DCD continues to issue large numbers of building permits for rooftop solar, on the order of 1,500 per year, well exceeding the target established in the CAP.</li> <li>The Board in December 2017 amended the General Plan to allow solar on commercial and industrial rooftops in the unincorporated County, within the urban limit line.</li> <li>Utility green tariff programs are not well subscribed in California, irrespective of County actions.</li> </ul>	
			2,500	Existing homes with solar arrays						Jason Crapo
			10	New businesses with solar arrays						Abed Chowdhury
			60	Existing businesses with solar arrays						
			3,740	kW supplied by PG&E Green Tariff program						

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RE 3	Lower barriers to entry for the installation of alternative energy systems.	Supportive of Overall GHG Reductions	Supportive	n/a	Conservation & Development		??-Term (by 2020)	<ul style="list-style-type: none"> <li>Improve participation in existing financing mechanisms</li> <li>Connect low-income homeowners with renewable energy rebate and financing programs</li> <li>Work with local government and neighboring areas to participate in solar bulk-buying program</li> <li>Connect business owners to finance and rebate programs</li> <li>Work with PG&amp;E to identify insufficient grid capacity areas</li> <li>Continue exploring options for implementing Community Choice Aggregation within the unincorporated area of the County</li> </ul>	<ul style="list-style-type: none"> <li>The County has authorized three PACE providers since the Climate Action Plan was adopted: HERO, CaliforniaFirst, and Ygrene.</li> <li>The County will complete in November 2018 a study of renewable resource potential, and recommended changes to zoning that would facilitate installation of more renewable energy.</li> <li>The County and nine cities in 2017 joined the five Contra Costa cities that had already become members of MCE.</li> </ul>
LUT 1	Maintain and expand access to goods, services, and other destinations through increased transportation alternatives (mobility improvements) and improved proximity (land use improvements).	910	33,630	Average countywide bike trips per weekday	Conservation & Development Health Services Public Works	John Cunningham  Steve Kowalewski	??  Mid-Term (by 2020)	<ul style="list-style-type: none"> <li>Collaborate with local transportation, land use agencies, nonprofits and other stakeholders to expand bicycle, pedestrian and existing public transportation</li> <li>Assist with Safe Routes to School implementation</li> <li>Work with local agencies to encourage bicycle safety classes in all schools</li> <li>Update County road standards to accommodate all modes of transportation</li> <li>Identify periodic updates through the Contra Costa Transportation Authority's Countywide Bicycle and Pedestrian Plan (CBPP) and work with adjoining jurisdictions to update and implement</li> <li>Revise the County CEQA guidelines to reflect implementation of Senate Bill 743</li> <li>Establish a 2020 mode share goal for bicycling by Board of Supervisors resolution, identify actions to reach goal, integrate into future General Plan updates and appeal other agencies to adopt same goal</li> <li>Identify funding sources to support increased walking and bicycling activity</li> </ul>	<ul style="list-style-type: none"> <li>The County continues to add sustainable infrastructure to the County-maintained road system. Public Works added to County-maintained roads in 2018: Bike Lanes – 18,025 linear feet (3.4 miles) Path/Sidewalks – 1,360 linear feet (.25 miles) Curb Ramps – 24 Pervious Pavement – 2,655 square feet</li> <li>Participated in CCTA's update to the Countywide Bike/Ped Plan</li> <li>Sought and won several grants for bicycle/ pedestrian plans</li> <li>Currently preparing a Sustainable Transportation Planning grant application to develop expedited procedures to implement bike/ped/complete streets projects.</li> </ul>

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LUT 2	Expand the use of alternative fuels in vehicle travel.	7,630	4,700	Annual VMT per public charging station	Conservation & Development  Public Works  additional departments, depending on grant resources	Jamar Stamps  Joe Yee	Mid-Term (by 2020)	<ul style="list-style-type: none"> <li>• As possible, include alternative-fuel use goals in franchise agreements for waste hauling and contracts with other vehicle fleets.</li> <li>• Support development of alternative-fuel and electric vehicle (EV) charging stations, including amending parking design and layout section (82-16-404) of the County Zoning Code</li> <li>• Pursue grant funding opportunities to install public EV chargers or other alternative fuel charging stations</li> </ul>	<ul style="list-style-type: none"> <li>• As of 2017, one waste hauler has voluntarily converted fleet to compressed natural gas. Other franchise agreements will be up for renegotiation in about five years, at which time requirements for alternative fuel vehicles can be explored if haulers have not made that change already.</li> <li>• EV provisions are located in County Code Sections 74-4.006(j) and 82-16-404(e).</li> <li>• The County is working with the Contra Costa Transportation Authority to develop an EV Readiness Blueprint under a \$200,000 grant from the CEC. The Blueprint will identify locations for shared mobility hubs for charging many types of vehicles, as well as best practices and policies. CCTA will be eligible to compete for Phase 2 implementation grants in 2019. lders.</li> <li>• Public Works is pursuing grant funding related to installing public EV chargers as follows:                             <ol style="list-style-type: none"> <li>1. Initiated discussions with PG&amp;E pertaining to the EV Charge Network program. The program requires an easement and a ten year agreement.</li> <li>2. Public Works has identified California Air Resources Board Low Carbon Fuel Standard Program (LCFS) as a potential source of continuing cash flow for EV chargers.</li> </ol> </li> </ul>
			14,220	VMT per EV					
			4,830	Electricity use per EV					
			1,790	Households with an EV					

## CONTRA COSTA COUNTY CLIMATE ACTION PLAN IMPLEMENTATION GOALS 2018 - Action Item Progress

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LUT 5	Provide opportunities to grow, sell, and purchase local food.	Supportive of Overall GHG Reductions	Supportive	n/a	Agriculture Conservation & Development County Administrator's Office	Matthew Slattengren Stan Muraoka Mid-Term (by 2020)	<ul style="list-style-type: none"> <li>• Continue to support local farmers markets, community gardens, school gardens and urban agricultural practices</li> <li>• Amend Zoning Code to allow urban agriculture in appropriate areas</li> <li>• Amend General Plan to add policy to encourage community gardens in new residential developments</li> <li>• Encourage partnerships between local food growers and local food retailers</li> <li>• Encourage partnerships between local food growers and local schools, hospitals, colleges and correctional facilities</li> <li>• Continue to discourage schools being sited in agricultural areas</li> </ul>	<ul style="list-style-type: none"> <li>• Amend Zoning Code - Completed.</li> <li>• The current County Code allows "crop and tree farming" as a permitted use in all residential districts.</li> <li>• The County is currently reviewing agricultural land uses that would further promote and incentivize agricultural sustainability and economic vitality. Targeting Summer 2019 for BoS to consider Draft Ordinance.</li> <li>• Continue to support local farmers markets, community gardens, school gardens and urban agricultural practices.</li> <li>• We continue to register and issue certificates, check for problems, assist Farmers and Market Managers with getting established, and any problems they may have.</li> <li>• Encourage partnerships between local food growers and local food retailers.</li> <li>• Working with DCD through changes in policy to help facilitate growers to have the ability to have their own retail outlets or other value added businesses.</li> <li>• Encourage partnerships between local food growers and local schools, hospitals, colleges and correctional facilities.</li> <li>• Laws have been enacted to require a certain percentage of foods at some of these facilities to be from California sources.</li> <li>• Liberty Union High School District put up for sale the parcels intended to be expansion high schools #4 and #5.</li> </ul>

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W 1	Develop a waste reduction strategy to increase recycling and reuse of materials.	25,780	90,850	Tons of waste reduced	Conservation & Development	Deidra Dingman	Mid-Term (by 2020)	<ul style="list-style-type: none"> <li>• Achieve a local 75% waste diversion rate as identified in AB 341</li> <li>• Establish new and enhanced programs to collect organic material from business and residents</li> <li>• Increase public outreach to promote participation in existing waste diversion and prevention programs: backyard composting, grass-cycling, low-maintenance gardening programs, Bay Area Regional Outreach Campaign, Environmental Action Program for Schools</li> <li>• Work with owners and operators of solid waste transfer stations and landfills to establish anaerobic digesters</li> <li>• Update County's Source Reduction and Recycling Element, Household Hazardous Waste Element and other components to support CAP</li> <li>• Identify best practices to reduce waste water sludge (biosolids).</li> </ul>	<ol style="list-style-type: none"> <li>1. Based upon County's most recent Annual Report submitted to CalRecycle to demonstrate compliance with the diversion requirements in the Integrated Waste Management Act, the amount of unincorporated area waste reported to have been disposed of in landfills in 2017 equates to a diversion rate of 69% (annual disposal rate of 2.4 pounds per person per day).</li> <li>2. Organic waste collection services are offered to residents in all four County franchise areas (one of which includes acceptance of food waste). Organic waste collection services are offered to businesses in three of the four County franchise areas (not yet offered in Crockett, Port Costa &amp; Torrey area).</li> <li>3. Ongoing.</li> <li>4. The waste hauling company providing services to most of the unincorporated areas of East County is seeking to develop preprocessing capacity necessary at the East County transfer station so that targeted organic waste stream could be processed in existing anaerobic digester located at nearby wastewater treatment facility. The company has applied for a cap and trade funded grant to help support this effort.</li> <li>5. DCD updates waste diversion programs initially established in the County's Integrated Waste Management Plan (namely the Source Reduction and Recycling Element and Household Hazardous Waste Element), as circumstances warrant, using the state's mandatory annual reporting system that track local</li> </ol>
W 2	Reduce fugitive methane emissions and other greenhouse gas emissions from solid waste landfills.	29,500	29,500	Increase in captured landfilled gas (MTCO <sub>2</sub> e)	Conservation & Development Health Services	Deidra Dingman	Mid-Term (by 2020)	<ol style="list-style-type: none"> <li>1. Annually verify compliance with California Air Resource Board's landfill methane control measures</li> <li>2. Request landfill operators consider additional reduction actions: reduce materials with high methane-generation potential, reduce idling time for diesel equipment, encourage adequate maintenance of rolling stock, establish standards beyond the required for landfill gas collection system leak detection and prevention, and excluding the use of green waste as a material for alternative daily cover (ADC), consistent with AB 1594</li> <li>3. Amend General Plan and Zoning Code to allow renewable energy generation, such as solar and wind, on closed landfill areas</li> </ol>	<ol style="list-style-type: none"> <li>1. Unfortunately, emissions levels were detected during quarterly monitoring in 2017 which exceeded the LMR so therefore the assumed methane capture rate was 75% rather than our 85% CAP goal.</li> <li>2. Provisions requiring that source-separated organics waste collected by haulers providing services pursuant to two of the County's franchises be composted and no longer used as ADC have been added by way of amendments approved in 2015 and 2017. Additionally, the Board approved changes to one of the Conditions of Approval in the County issued LUP governing the Keller Canyon Landfill that requires the operator to proactively seek to ensure adequate composting capacity is available by 2020 to manage green waste currently used as ADC.</li> <li>3. DCD has executed contract with the consultant selected to assist with a comprehensive update to the County's General Plan.</li> </ol>

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WE 1	Reduce water demand.	1,210	20%	Reduction from 2013 water use	Conservation & Development	Ryan Hernandez	Mid-Term (by 2020)	<ul style="list-style-type: none"> <li>Continue to reduce potable water use by at least 20% through conservation efforts in new and existing development</li> <li>Continue to enforce water conservation requirements in new developments per the State Model Water Efficient Landscape Ordinance.</li> </ul>	<p>(1) The County does not provide potable water service and has an indirect role (no governing authority) to reduce potable water use by 20% in existing development. The County could consider establishing new development criteria that may allow a 20% reduction in future development. The County could encourage the existing water purveyors (EBMUD, CCWD, Diablo, Town of Discovery Bay and various cities) to continue programs like turf replacement and limiting outdoor water use to specified days of the week. We could also consider how to support the State's "water conservation is a way of life" campaign.</p> <p>(2) New development (i.e. from single family homes to subdivisions) are subject to the updated State Model Water Efficient Landscape Ordinance. The County administers this Ordinance on new development through our Planning and Building divisions.</p>
WE 2	Provide alternative water resources for irrigation in residential and nonresidential areas.	Supportive of Measure WE 1	Supportive	n/a	Conservation & Development	Ryan Hernandez	Mid-Term (by 2020)	<ul style="list-style-type: none"> <li>Promote rainwater collection for irrigation purposes</li> <li>Update the Dual Water Systems Ordinance to allow the use of recycled water for irrigation in residential and nonresidential areas</li> </ul>	<p>(1) The County continues to seek cost effective ways to promote rainwater collection for irrigation purposes but has not identified a clear path forward. It seems the scope of this measure may be better suited for collection and irrigation of rainwater in residential land uses and may not make a good business case to apply to larger agriculture uses.</p> <p>(2) The County's Dual Water Systems Ordinance, Chapter 82-30, allows for the use of recycled water in designated dual water system areas.</p>

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GO 2	Promote energy-saving tools and practices.	Supportive of Overall GHG Reductions	Supportive	n/a	County Administrator's Office  Public Works	Brian Balbas	Mid-Term (by 2020)	<ul style="list-style-type: none"> <li>Continue to conduct audits of existing and recently acquired facilities, prioritize improvements, and upgrade facilities to save energy</li> <li>Increase solar electricity use for County and agency operations</li> <li>Develop policies related to powering off lights and appliances after hours</li> <li>Site facilities that have more than 50 personnel in close proximity to infrastructure and services that support alternative commute modes</li> </ul>	<ul style="list-style-type: none"> <li>The Board has adopted a Distributed Energy Resources Plan that calls for better integration of energy projects in County facilities.</li> <li>Sun Power through a competitive bid process is assisting the County in siting solar panels on up to 11 County facilities.</li> </ul>
GO 5	Establish budgeting and administration practices to support the Climate Action Plan.	Supportive of Overall GHG Reductions	Supportive	n/a	County Administrator's Office  Public Works	Eric Angstadt  Brian Balbas	Mid-Term (by 2020)	<ul style="list-style-type: none"> <li>Ensure the Environmental Purchasing Policy includes: green office supplies and green fleet and equipment</li> <li>Reduce County fleet use of traditional fuels 20% by 2020</li> <li>Evaluate progress of Measure 13 from 2007 Municipal Climate Action Plan (30% of employees telecommuting two days a week)</li> <li>Develop a process for sharing government operations' energy and water use and efficiency and conservation measures with public as an educational tool</li> <li>Advocate for regional, state, and federal activities that support GHG emissions in the County, including: work with the BAAQMD to support reductions in process emissions from industrial entities, adopt language in the County's State and Federal legislative platforms that directs support and lobbying for local GHG reduction, advocate for additional transit funding sources concurrently with the development of priority development areas</li> </ul>	<ul style="list-style-type: none"> <li>The County has Environmentally Preferable Purchasing specifications updated in 2010 that address source reduction, recycled content, energy and water savings, green buildings, landscaping, toxics and pollutants, forest conservation, and bio-based products.</li> <li>Staff is developing updated information on County fleet, which will be available in early November 2018.</li> <li>Through the East Bay Energy Watch the County engages with PG&amp;E on educational materials. The County also has initiated collaboration with MCE on outreach materials.</li> <li>The County regularly advocates for policies, programs, and funding that will reduce GHG emissions in the County.</li> </ul>
			54,400	BART extension trips taken by unincorporated County residents				<ul style="list-style-type: none"> <li>Collaborate with BART and other transits to increase ridership</li> <li>Partner with waste haulers and other fleets to reduce frequency of routes</li> <li>Support and increase the use of carpooling services</li> <li>Continue to promote voluntary trip reduction programs</li> </ul>	<ul style="list-style-type: none"> <li>Collaborated with County Connection to promote a new bus route serving County offices</li> <li>Added policy to our Federal Platform seeking funding for the next phase eBART extension.</li> </ul>
			32,740,820	New bus ridership miles taken by unincorporated county residents					

## CONTRA COSTA COUNTY CLIMATE ACTION PLAN IMPLEMENTATION GOALS 2018 - Action Item Progress

Measures	Policy Language	2020 GHG Reductions (MTCO <sub>2</sub> e)	2020 Performance Targets		Responsible Agencies	Lead Staff	Time Frame	Action Items Identified in CAP	Progress to Date
LUT 4	Reduce vehicle miles traveled.	4,080	1,202,980	New BART ridership miles taken by unincorporated county residents	Conservation & Development	John Cunningham	Long-Term (by 2035)	<ul style="list-style-type: none"> <li>• Work to increase densities within half a mile of BART and Amtrak stations and a quarter mile of stops for express bus routes</li> <li>• Prioritize alternative mode access to BART and other transit stations</li> <li>• Continue to explore funding transit with development applications and other finance methods</li> <li>• Continue to encourage establishment of Priority Economic Development Areas in residential communities</li> </ul>	
			1,170,070	Estimated decrease in VMT from HOV lanes					
GO 4	Reduce waste.	Supportive of Overall GHG Reductions	Supportive	n/a	Public Works	Brian Balbas	Long-Term (by 2035)	<ul style="list-style-type: none"> <li>• Develop a recycling and composting program for County facilities</li> <li>• Educate and train staff to recycle and compost</li> <li>• Develop interim waste diversion/reduction goals</li> <li>• Achieve zero-waste operations by 2035</li> </ul>	<ul style="list-style-type: none"> <li>• The County has expanded recycling to all County offices as of October 2018.</li> </ul>

# Contra Costa County

## CAP Energy Efficiency Measure Progress



Demian Hardman, Senior Planner  
Department of Conservation & Development

12/10/2018

# Actual EE Measure Progress from 2015 - 2017



Measure		Performance Metric	2015 Actual	2016 Actual	2017 Actual	2020 GHG Target	GHG Reductions Actual	% Complete To-Date
EE 1	Energy efficient retrofits - residential buildings	Single-family homes receiving energy efficiency retrofits	412	364	538			
		Cumulative number of multifamily units receiving energy efficiency retrofits since the beginning of 2015	0	0	10			
EE 2	Energy efficient retrofits - nonresidential buildings	Cumulative number of businesses receiving energy efficiency retrofits since the beginning of 2005	0	0	28	-4630	-332	7%
EE 3	Energy efficiency and conservation awareness	Total number of households participating in energy conservation awareness activities	4,600	6,636	5653			
		Total number of businesses participating in energy conservation awareness activities	0	0	558			

# Projected EE Measure Progress for 2018 - 2020



Measure	Performance Metric	2018 Projections	2019 Projections	2020 Projections	2020 GHG Emissions Target	GHG Reduction Projections	% Complete Projections	
EE 1	Energy efficient retrofits - residential buildings	Single-family homes receiving energy efficiency retrofits	438	438	438	-2140	-1507	70%
		Cumulative number of multifamily units receiving energy efficiency retrofits since the beginning of 2015	10	10	20			
EE 2	Energy efficient retrofits - nonresidential buildings	Cumulative number of businesses receiving energy efficiency retrofits since the beginning of 2005	28	28	56	-4630	-665	14%
EE 3	Energy efficiency and conservation awareness	Total number of households participating in energy conservation awareness activities	5630	5630	5630	-430	-5356	1246%
		Total number of businesses participating in energy conservation awareness activities	0	0	1116			

# 2020 Projected GHG Reductions for EE Measures



GHG Emissions Reductions Target for All EE Measures	GHG Emissions Reductions Expected by 2020 for All EE Measures	Total % Expected to be Completed
7200	7528	105%

	Measure	Percent of Completed Projects (Total to date through 2017)	Projected Percent of Completed Projects up to 2020
EE1	Provide opportunities for residential buildings to become more energy efficient.	22%	44%
EE2	Provide opportunities for nonresidential buildings to become more energy efficient.	4%	8%
EE3	Provide education and outreach highlighting the benefits of energy conservation.	589%	1178%

## MCE ENROLLMENT

as of November 6, 2018

Jurisdiction	Total Accounts	MCE Accounts	MCE Partic. %	OPT OUT %	Deep Green Accounts	DG % of MCE
<b>Concord</b>	<b>51,292</b>	47,068	91.76%	8.10%	338	0.72%
<b>Contra Costa Co.</b>	<b>69,110</b>	62,367	90.24%	9.63%	691	1.11%
<b>Danville</b>	<b>17,686</b>	15,942	90.14%	9.73%	185	1.16%
<b>El Cerrito</b>	<b>11,752</b>	10,619	90.36%	9.45%	740	6.97%
<b>Lafayette</b>	<b>11,060</b>	9,845	89.01%	10.86%	500	5.08%
<b>Martinez</b>	<b>16,673</b>	15,257	91.51%	8.25%	163	1.07%
<b>Moraga</b>	<b>6,416</b>	5,741	89.48%	10.36%	75	1.31%
<b>Oakley</b>	<b>13,907</b>	11,394	81.93%	18.02%	43	0.38%
<b>Pinole</b>	<b>7,883</b>	7,301	92.62%	7.10%	62	0.85%
<b>Pittsburg</b>	<b>24,717</b>	22,900	92.65%	7.23%	77	0.34%
<b>Richmond</b>	<b>43,146</b>	34,941	80.98%	18.91%	822	2.35%
<b>San Pablo</b>	<b>10,552</b>	9,238	87.55%	12.31%	43	0.47%
<b>San Ramon</b>	<b>31,339</b>	28,564	91.15%	8.73%	166	0.58%
<b>Walnut Creek</b>	<b>37,124</b>	32,660	87.98%	11.87%	716	2.19%
<b>TOTAL</b>	<b>352,657</b>	313,837	88.99%	11.01%	4621	1.47%



# Contra Costa County

## Sustainability Commission

7.

**Meeting Date:** 12/10/2018  
**Subject:** RECEIVE Presentation on *Climate Action Plan* Update  
**Department:** Conservation and Development  
**Presenter:** Tammy Seale, PlaceWorks                      **Contact:** Jody London, DCD

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**Referral History:**

At the August 27, 2018, meeting, the Sustainability Commission received a report on the General Plan Update, which includes an update to the *Climate Action Plan*.

**Referral Update:**

The Department of Conservation and Development has retained PlaceWorks to prepare the General Plan and *Climate Action Plan* (CAP) Updates. PlaceWorks will provide an overview of how the CAP complements the General Plan, new legislation that will influence the CAP update, the approach to the CAP update, and the timeline.

**Recommendation(s)/Next Step(s):**

RECEIVE Presentation on *Climate Action Plan* Update.

**Fiscal Impact (if any):**

None.

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**ATTACHMENTS**

2018\_12\_10 PlaceWorks Presentation – CAP Update



# CONTRA COSTA COUNTY CLIMATE ACTION PLAN UPDATE

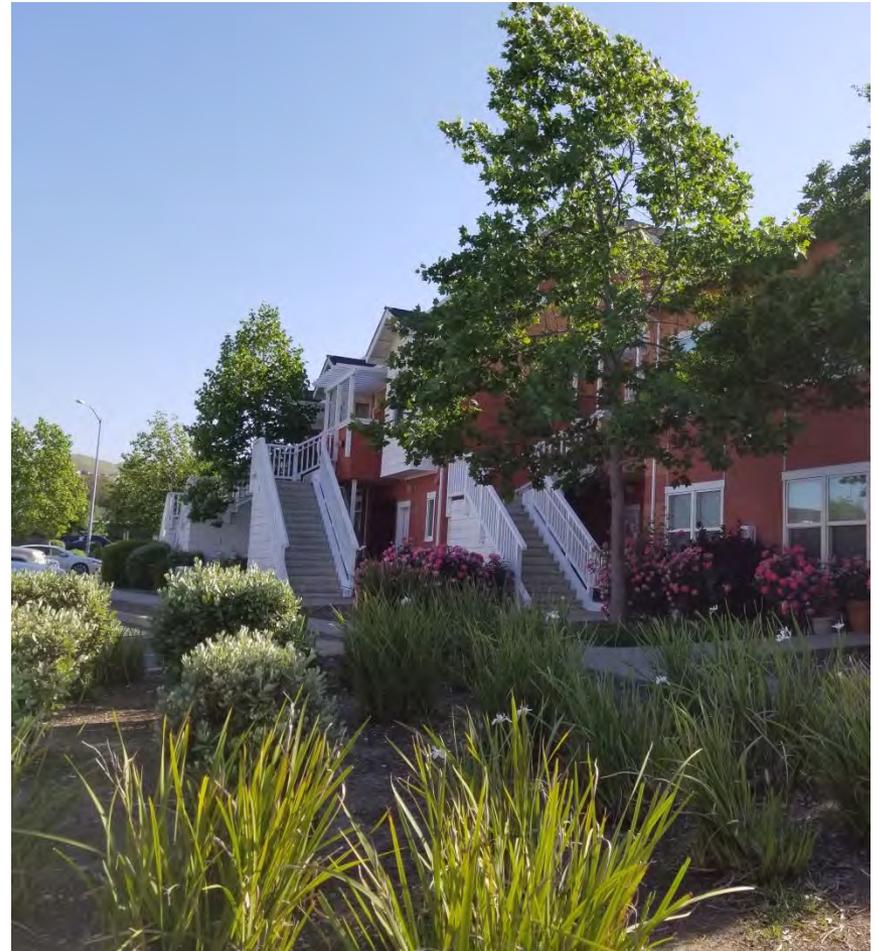
Sustainability Commission  
December 10, 2018

# OUR TEAM

- **Contra Costa County**
  - Will Nelson | Principal Planner, General Plan Manager
  - Jody London | Sustainability Coordinator
- **PlaceWorks**
  - Joanna Jansen | Principal-in-Charge
  - Tanya Sundberg | General Plan Project Manager
  - Tammy Seale | Associate Principal, CAP Lead
  - Eli Krispi | Associate, Climate Action and Resilience

# GENERAL PLAN UPDATE

- Comprehensive update to County's long-term blueprint for development.
  - Includes Climate Action Plan update and Vulnerability Assessment.
  - CAP is an element of larger project.



CAP

Vulnerability Assessment and related policies

Climate change **mitigation** seeks to reduce the amount of GHG emissions from cities to slow global warming.

*Cities emit GHGs into the atmosphere. These trap additional heat and cause global warming.*

*Global warming changes the local climate (temperature and precipitation) and drives sea-level rise, which may impact cities.*

Climate change **adaptation** seeks to address the impacts of climate change on cities.



# CAP UPDATE OVERVIEW

- Part of General Plan update.
  - Will integrate with multiple sections of General Plan.
- Extends and expands strategic GHG reduction plan.
- Consistent with new regulations.

Land use and  
growth  
management

Equity and  
prosperity

Transportation  
and  
circulation

Environmental  
justice

Conservation  
and open  
space

Multiple other  
topics

# EXISTING CAP

- Adopted in 2015.
- 2005 and 2013 GHG inventories.
- 2020 reduction target.
- 2035 reduction goal.
- Emphasis on public health.

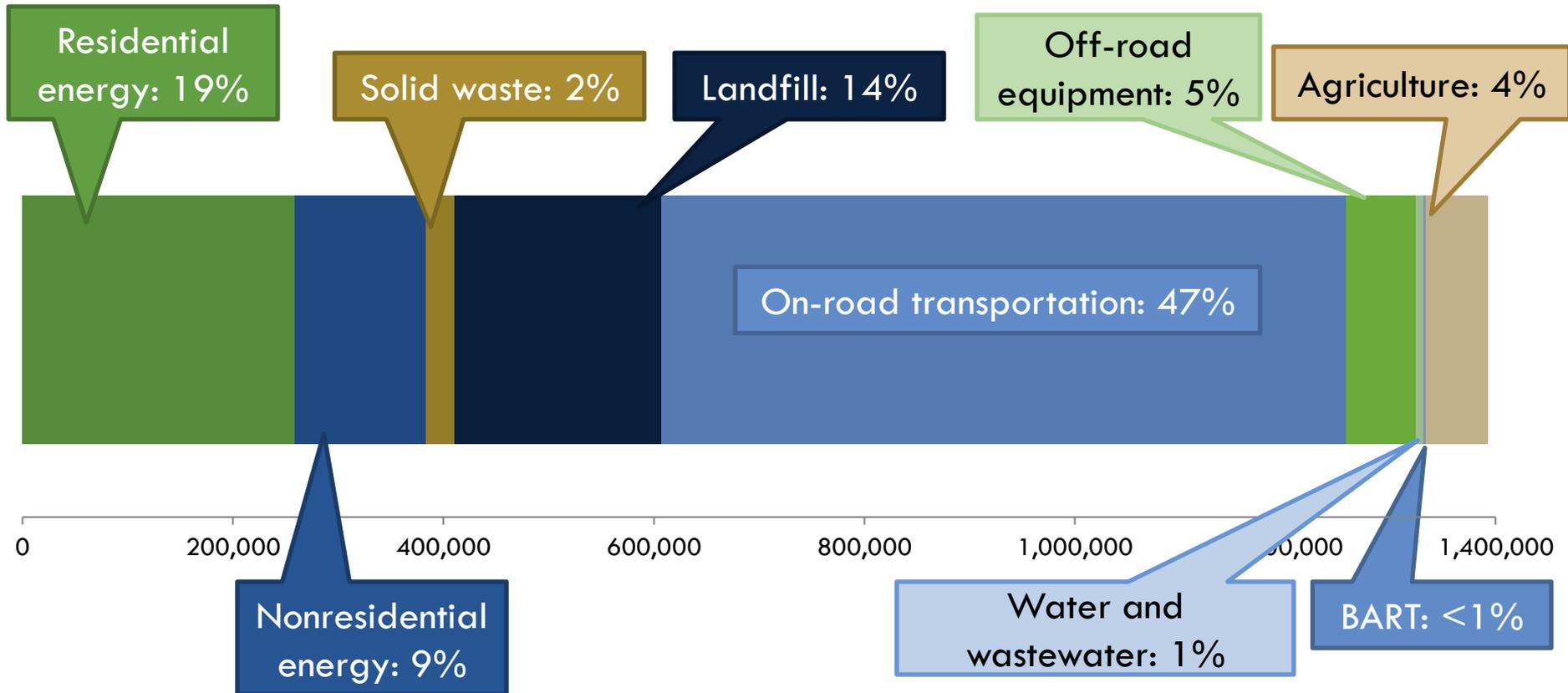


## CONTRA COSTA COUNTY CLIMATE ACTION PLAN



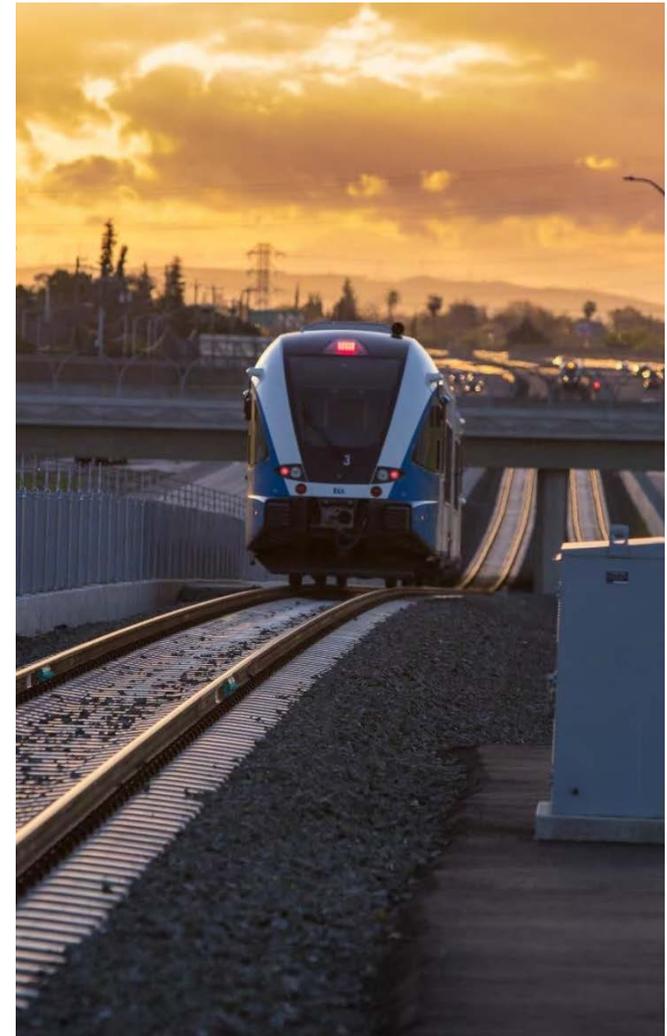
*Los Vaqueros Reservoir, Contra Costa County*

# 2013 GHG EMISSIONS



# WHY UPDATE THE CAP?

- State law has changed since CAP was adopted.
- New reduction efforts not in existing CAP.
- Opportunities to improve how the CAP is implemented.
- More extensive support for greater equity.
- CAP can better integrate with General Plan.



# NEW REGULATIONS

- SB 32 and 2017 Scoping Plan.
  - Sets firm 2030 target, 40% reduction below 1990 levels.
- Consistency with 2030 target required for CEQA benefits.



# NEW ACCOMPLISHMENTS

- SB 100 adopted.
- MCE now active in the County.
- Increased EV adoption.
- Regional BART extensions.



# APPROACH TO UPDATED CAP

- 2017 GHG inventory.
- New forecasts (2030, 2040, and 2050).
- Long-term GHG reduction targets.
- New and revised reduction measures.
- Improved monitoring and implementation.



# CAP TIMELINE

GHG inventory: January 2019



Forecast and target setting: Spring 2019



Measure development: Summer and autumn 2019



CAP development: Winter 2019/2020



CAP adoption: End of 2020 (same as General Plan)

# OUTREACH FOR GENERAL PLAN

- 80 public meetings.
  - 10 with Board and/or Planning Commission.
  - 50 community-based meetings.
  - 10 workshops on County-wide issues.
  - 10 focus group meetings on specific topics.
- 5 Sustainability Commission meetings.





# Questions



# Contra Costa County

## Sustainability Commission

8.

**Meeting Date:** 12/10/2018  
**Subject:** RECEIVE Presentation on Public Health and Climate Issues  
**Department:** Conservation and Development  
**Presenter:** Michael Kent, Health Services Dept.      **Contact:** Jody London, DCD

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**Referral History:**

At the October 22, 2018 meeting, the Commission expressed interest in learning more about the work of the Hazardous Materials Ombudsman and his work on public health and climate issues.

**Referral Update:**

Michael Kent, Hazardous Materials Ombudsman, will provide an overview of public health and climate issues.

**Recommendation(s)/Next Step(s):**

RECEIVE Presentation on Public Health and Climate Issues.

**Fiscal Impact (if any):**

None.

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**ATTACHMENTS**

[CCHSD Climate Change Sustainability Comm presentation 121018](#)

# Climate Change And Public Health

Michael Kent  
Contra Costa Health Services  
Presentation to the  
Sustainability Commission  
December 10, 2018

# Hazardous Materials Ombudsman

- Position created in 1998
- Required in the Industrial Safety Ordinance (ISO)
  - Single point of contact regarding environmental health concerns, questions and complaints about the Hazardous Materials Program
  - Empowered to identify and solve problems and make recommendations to the Department
  - Role is investigating concerns and complaints, facilitating their resolution and assisting people in gathering information about programs, procedures or issues.

# Activities

- Facilitate communication after accidents
- Facilitate communication for ISO reviews
- Respond to questions from public
- Staff Hazardous Materials Commission
- Serve on Integrated Pest Management committee
- Serve on HEEP and EMT
- Serve on CAER Emergency Notification comm.
- Support Public Health Department

# Public Health Support

- Public and Environmental Health Advisory Board
- Asthma/Air Pollution/Ditching Dirty Diesel
- Community Engagement and Environmental Justice
- Climate Change – BARHII, ART, Weatherization

# Summary of Public Health Approach to Climate Change

- Climate Change will disproportionately impact specific vulnerable populations that are already suffering health inequities

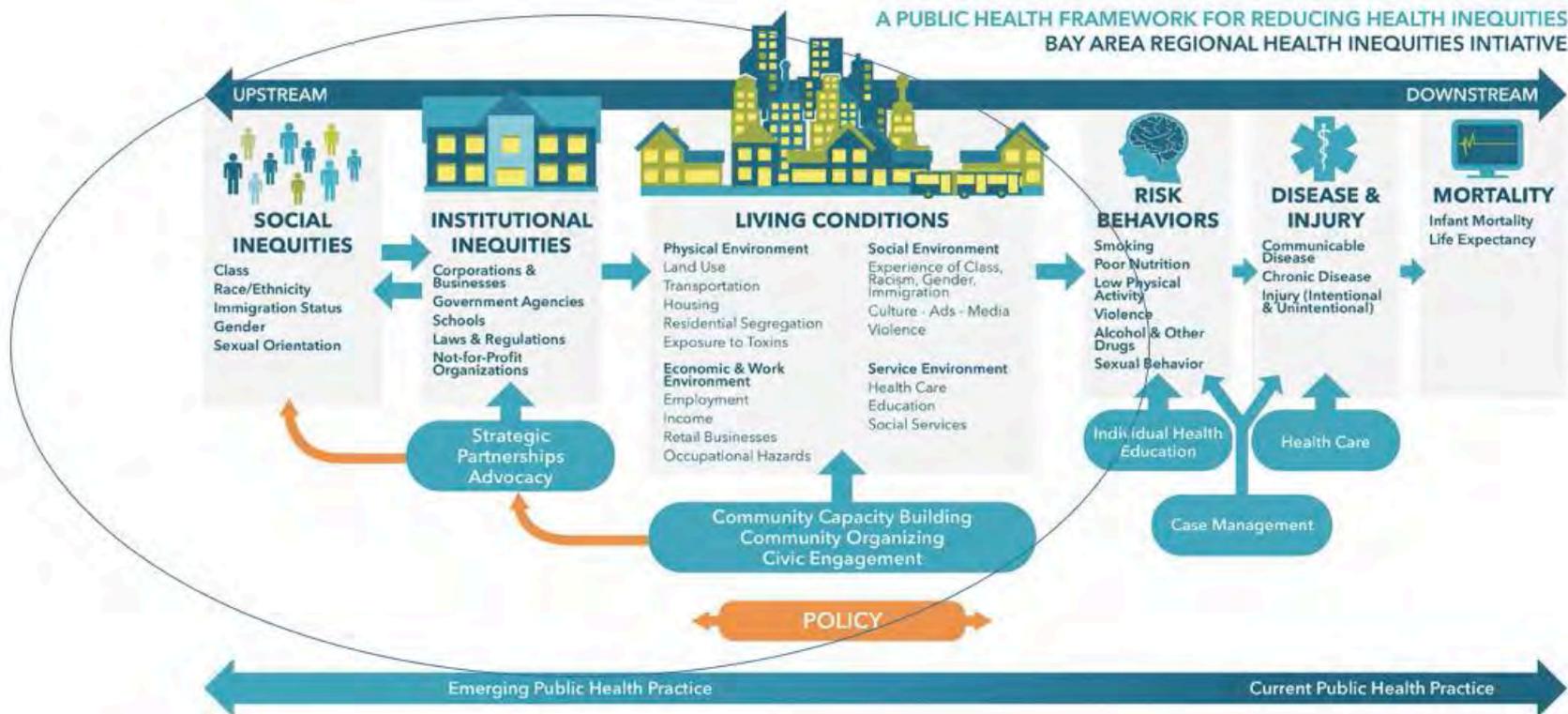
# Health Inequities

“Health inequities are differences in health status and mortality rates across population groups that are systemic, avoidable, unfair, and unjust.”\*

*\*Margaret Whitehead: World Health Organization*

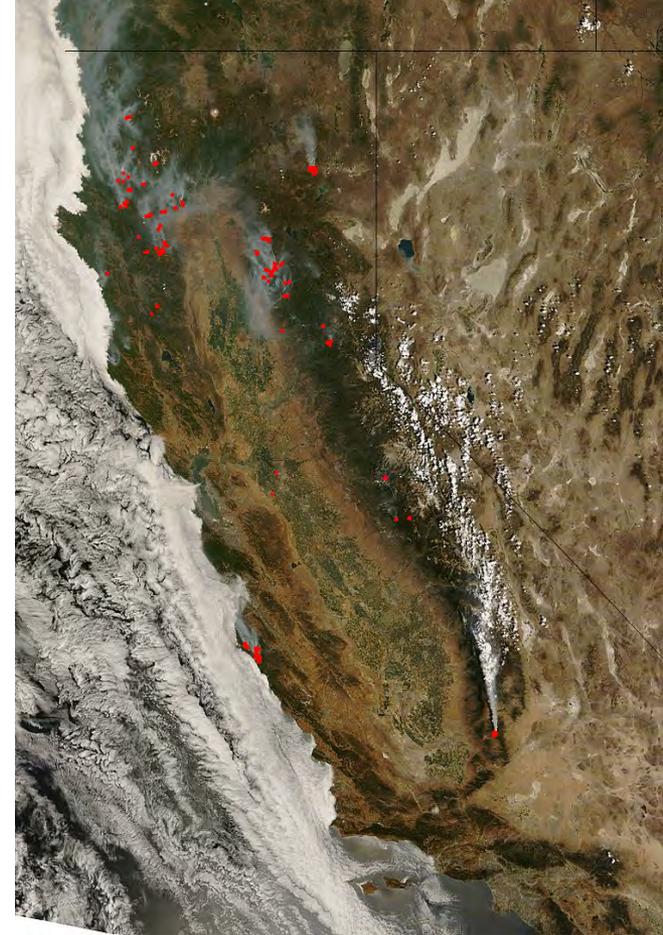
- These differences are sustained over time and generations, and are beyond the control of individuals.
- These differences follow the larger patterns of inequality that exist in society.

# The Social Determinates of Health



# Climate Change and Health

- **Bay Area temperature projections**
  - Continuing and accelerating warming trend;  $< 2.7^{\circ}$  between 2000 & 2050\*
  - Future heat extremes expected to begin as early as June and extend through September
- **Heat waves**
  - CA 2006– estimated excess of 655 deaths, 16,000 hospital admissions (CDPH)
- **Wildfires**
  - Summer 2008; 2000 fires in N. CA



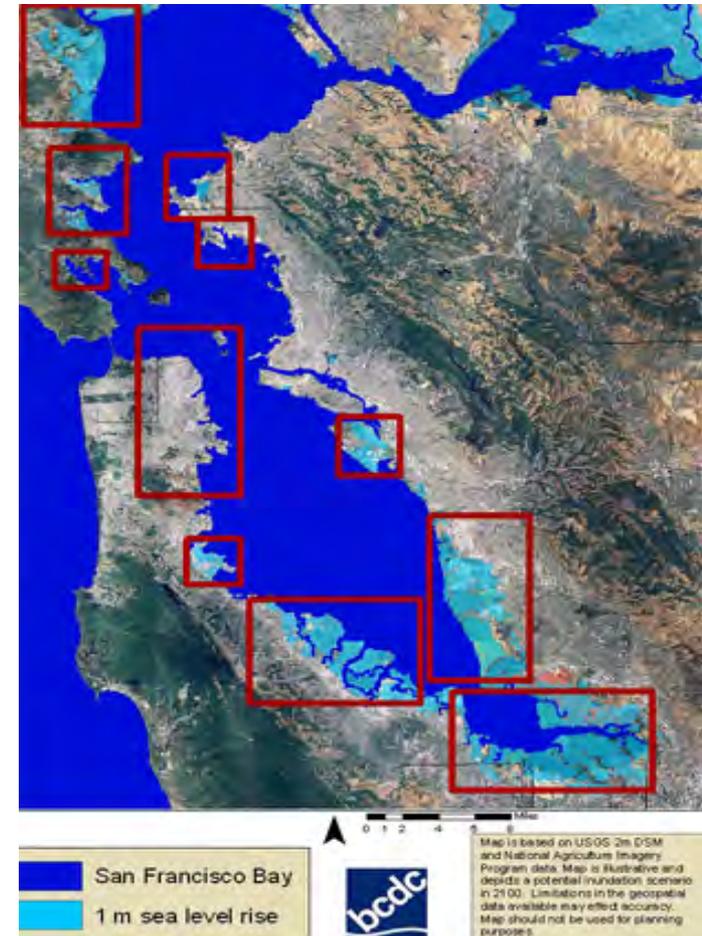
# Climate Change and Health

- **Climate change and air quality are linked**
  - Higher surface temperatures lead to formation of ground level ozone; projected increases by 5-10% across U.S. by 2050
  - Adverse effects on heart and lung function (e.g., ↑ risk of asthma attacks in exercising children)
  - Longer growing seasons and increase in some pollens and molds



# Climate Change and Health

- **Sea level rise**
  - SF Bay-projected 11-19” < by 2050\*
  - Neighborhood displacement
  - Psycho-social stress
  - Impact on transportation and power infrastructure
  - Contamination of drinking & irrigation water (salt water intrusion, wastewater, and toxins)



# Climate Change and Health

- **Projected future increase in number and intensity of winter storms\***
  - Displaced populations
  - Injuries and drowning
  - Exposure to toxins
  - Food and water contamination and shortages



\* Climate Change Impacts, Vulnerabilities, and Adaptation in the San Francisco Bay Area, California Energy Commission 2012

# Climate Change and Health

- **CA prone to water shortages**
- **Increased temperatures**
  - Forecast for higher proportion of future precipitation to come as rain rather than snow
- **Greater demands on water supplies as average snow packs decrease**
  - Negative effects on agriculture and drinking water



# Climate Change and Health

- **Changing patterns**—yields of crops & pests & weed species resulting in:
  - increased food costs and possible increased use of pesticides.
- **Effects on local economy and workers** —displaced jobs and unemployment



# Climate Change Exacerbates Existing Health Inequities

## Climate Impacts

- Extreme Heat
- Air Pollution
- Wildfire
- Severe Weather/Storms
- Drought
- Agricultural Disruptions



## Health Impacts

- Death
- Cardiovascular Stress and Failure
- Disease
- Hunger; malnutrition
- Increased cost of water, food and energy
- Illnesses such as Heat Stroke, Heat Exhaustion
- Mental health disorders



## Groups Most Impacted

- Elderly
- Children
- Farm/Outdoor Workers
- Socially and linguistically isolated
- Low-Income Urban Residents
- People with medical vulnerabilities





# CONTRA COSTA COUNTY CLIMATE ACTION PLAN

DRAFT - SEPTEMBER 2015



*Los Vaqueros Reservoir, Contra Costa County*



# Co-Benefits of Climate Change Efforts

Reduce vehicle miles traveled



- Increase physical activity
- Reduce chronic disease
- Improve mental health

Reduce emissions through land use changes



- Increase local access to essential services
- Enhance safety

Reduce residential building energy use



- Reduce household energy costs
- Promote healthy homes
- Create local green jobs

Urban greening



- Reduce temperature and urban heat island health effects
- Reduce air pollution and noise

More sustainable local food systems



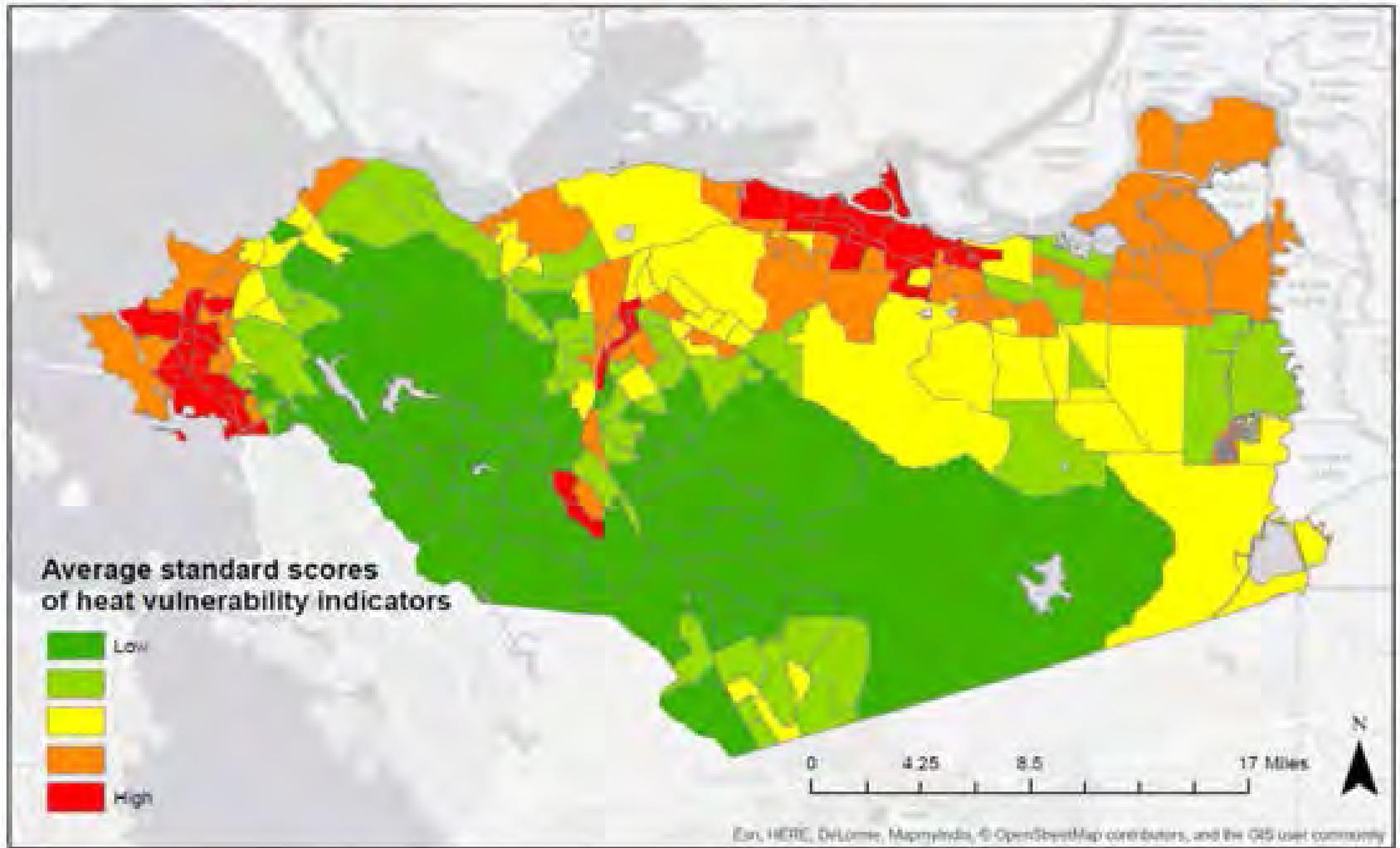
- Increase access to healthy, fresh foods
- Reduce cardiovascular disease
- Increase local social cohesion
- Increase resilience



**2015**

**Climate Change Vulnerability in  
Contra Costa County: A Focus on Heat**

*Figure 21: Average Z-Scores Of Heat Vulnerability Indicators By Census Tract, Showing An Equal Number Of Census Tracts In Each Category.*



## Climate Change Adaptation: Connecting Medically Vulnerable Populations to Weatherization

- Reduces energy consumption, thus GHGs
- Keeps homes cooler in the summer and more comfortable in the winter.
- Reduce energy cost
- Keeps out particulate matter, making the air easier to breath for people with respiratory problems,
- keeps out moisture, which can help reduce insect pests and mold, both asthma triggers.

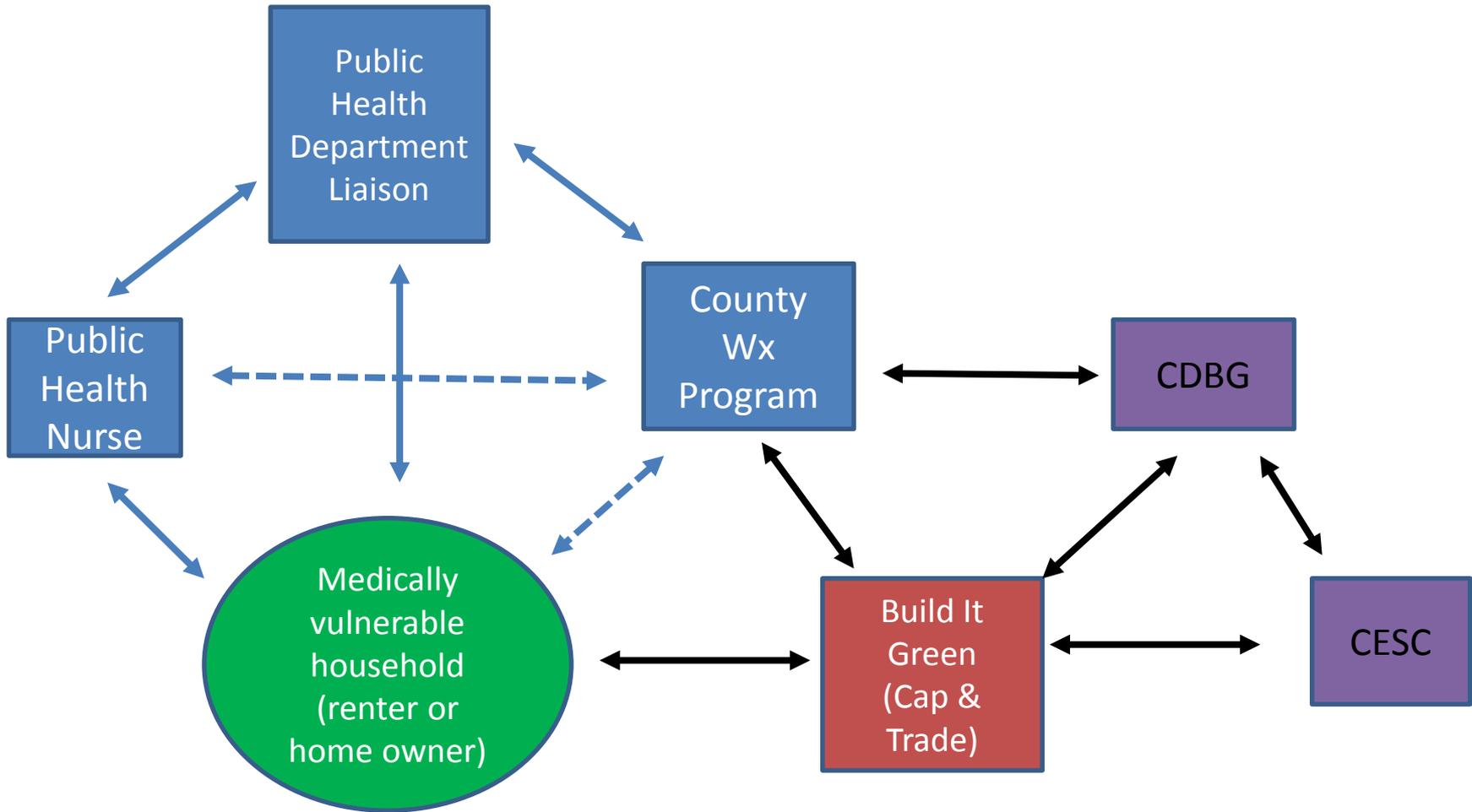
# Public Health Nursing Services

**We currently have 45 PHNs. There are 3 pools - Perinatal, Pediatric and Adult. They conduct around 20,000 home visits per year to approximately 3,000 clients in all age groups.**

**Services are directed towards individuals and their families, groups and the community with special attention to the most at risk populations for health disparities.**

**Public Health Nurses provide:**

- \* Comprehensive case management for perinatal, pediatric and adult clients**
- \* Investigation and treatment of communicable disease**
- \* Promotion of self-efficacy**
- \* First response in disasters**



*Primary linkages*

*Secondary linkages*

*Tertiary linkages*

# Thank You!

## Contact Information

[mkent@cchealth.org](mailto:mkent@cchealth.org)

(925)313-6587



**Contra Costa County Sustainability Commission  
Progress Tracking Report**

12/5/2018

Meeting Date	Topic	Action	Next Steps	Status
February 26, 2018	County government operations overview related to Climate Action Plan goals	The Director and Deputy Directors of the Public Works Dept, as well as the Energy Manager, provided an overview of the Department's work on issues named in the Climate Action Plan.	· Sustainability Commission members want to learn more about pending polystyrene ban being developed by Public Works Dept.	
	Elect Officers for 2018	Victoria Smith, Chair Howdy Goudey, Vice Chair		
April 23, 2018	North Richmond Urban Watershed Connections project	The County's Watershed Planner in the Department of Public Works, along with partners from Urban Tilth and The Watershed Project, provided an overview and progress report on the North Richmond Watershed Connections project.	· Sustainability Commission interested in green benefits district concept · Would like Public Works staff to report back on green infrastructure districts, opportunities elsewhere in the County for urban greening	
	Community Choice Energy	· Received update from MCE		
	Carbon Fee and Dividend	· Received public comment urging Commission to recommend that Board of Supervisors include support for carbon fee and dividend in its Federal legislative platform	Identified as a future agenda item.	Completed.
June 25, 2018	Renewable Resource Potential Study	· Received update from staff and consultant	Commission members encouraged to participate in stakeholder process as desired.	Completed.
	Adapting to Rising Tides - Eastern Contra Costa	· Received update from Bay Conservation and Development Commission staff		
	Carbon Fee and Dividend	· Commission voted to forward a recommendation to Board of Supervisors' Ad Hoc Committee on Sustainability that the County include support for a carbon fee and dividend in its Federal legislative platform.	· This issue was brought to the Ad Hoc Committee on Sustainability in July 2018. The Committee voted to forward support for a carbon fee only to the Board of Supervisors. · The Board of Supervisors discussed this issue on September 20 and October 9, and voted on October 9 to support the recommendation from the Ad Hoc Committee on Sustainability.	
August 18, 2018	Retreat	The Sustainability Commission held a retreat to discuss how it can operate more effectively in service of its mission.	· Convene municipalities to review, together, their CAPS, sharing common concerns and partnership to find solutions together. Leads: Kathy Cutting, Wes Sullens, Howdy Goudey · Participate in the General Plan Update. · Create a template for presentations to the Commission. This was done and adopted on August 27. · Staff will make an agenda item for following up on issues in subsequent meeting and will create a tracking tool. Lead: Jody London · Include an agenda item to determine topics to share with Ad Hoc Committee on Sustainability and better align common work of the Commission and the Committee. · Gather information on Climate Action Plan implementation by County departments, and consider outreach to community groups. Leads: Ryan Buckley, Travis Curran, Harry Thurston, Gretchen Logue · Develop/adopt an equity frame for the Commission's work. Lead: Doria Robinson	
August 27, 2018	Presentation from Department of Conservation and Development on General Plan purpose and status of General Plan Update	Will Nelson, Advance Planner in the Department of Conservation and Development, provided an overview of the General Plan and the process for updating it.	· Sustainability Commission may choose to appoint one member to be part of Technical Advisory Committee for General Plan Update · Staff will provide ongoing updates to Sustainability Commission	
	Presentation from Public Works Department on proposed polystyrene ban	Mitch Avalon and Tim Jensen, Public Works Department, presented on the proposed polystyrene ban.	· Sustainability Commission members reviewed and provided comments on draft proposal before it went to Board of Supervisors' Transportation, Water, and Infrastructure Committee. · The Board of Supervisors on December 4, 2018 directed staff to proceed with a polystyrene ban that includes restaurants and other food service businesses, private care facilities, and private service providers and bans the sale of polystyrene food containers.	
October 22, 2018	Environmental Justice and Climate Planning	Presentation from Asian Pacific Environmental Network on Environmental Justice and Climate Action Planning		
	Review draft 2018 Annual Plan and 2019 Work Plan	Commission reviewed and provided input on draft document.	· Include goals from the Retreat, commitments by Commissioners. · Bring back to December meeting	
	Review draft Climate Action Plan Progress Report	Commission reviewed and provided input on draft document.	· Commission is interested in better tracking progress in meeting numeric targets in Climate Action Plan · Provide more information about education and outreach related to energy efficiency programs Please include information on MCE enrollment and greenhouse gas reductions attributable to MCE enrollment	
December 4, 2018	Presentation on Climate Action Plan Update			
	Review draft 2018 Annual Plan and 2019 Work Plan			
	Review draft Climate Action Plan Progress Report			

Topic	Actions	Accomplishments	Commission Leads	Status
Polystyrene Ban	<ul style="list-style-type: none"> <li>· Feb. 2018 issue raised in Commissioner reports</li> <li>· April 2018 members met with Public Works staff</li> <li>· August 2018 Public Works staff presented to Sustainability Commission on proposed ban</li> </ul>	<ul style="list-style-type: none"> <li>· November 2018: Transportation, Water, and Infrastructure Committee of the Board voted to support a ban.</li> <li>· December 2018: Board of Supervisors directed staff to proceed with a polystyrene ban that includes restaurants and other food service businesses, private care facilities, and private service providers and bans the sale of polystyrene food containers. Issue will come back to the Board in March 2019, with adoption of ban expected in Q2 2019.</li> </ul>		
Carbon Fee and Dividend	<ul style="list-style-type: none"> <li>· April 2018: Commission asked by Citizens Climate Lobby to recommend a position to the Board of Supervisors</li> <li>· Commission brought this issue to the Ad Hoc Committee on Sustainability in August. Ad Hoc Committee recommended the Board support a carbon fee.</li> </ul>	<ul style="list-style-type: none"> <li>· The Board of Supervisors discussed this issue on September 20 and October 9, and voted on October 9 to support the recommendation from the Ad Hoc Committee on Sustainability.</li> </ul>		
Convene municipalities to review, together, their CAPS, sharing common concerns and partnership to find solutions together.			Kathy Cutting, Wes Sullens, Howdy Goudey	
General Plan Update.	August 2018: Presentation from staff on General Plan Update process and timeline			
Create a template for presentations to the Commission.	<ul style="list-style-type: none"> <li>· Discussed at August 2018 retreat</li> </ul>	Adopted on August 27.	Nick Despota, Nick Snyder, Doria Robinson	
Agenda item for following up on issues in subsequent meeting and will create a tracking tool.	<ul style="list-style-type: none"> <li>· Discussed at August 2018 retreat</li> <li>· Tracking tool brought to Commission for review December 4, 2018</li> </ul>		Jody London	
Agenda item to determine topics to share with Ad Hoc Committee on Sustainability and better align common work of the Commission and the Committee.	<ul style="list-style-type: none"> <li>· Discussed at August 2018 retreat</li> </ul>	Implemented in October 2018.		
Gather information on Climate Action Plan implementation by County departments, and consider outreach to community groups.	<ul style="list-style-type: none"> <li>· Discussed at August 2018 retreat</li> </ul>		Ryan Buckley, Travis Curran, Harry Thurston, Gretchen Logue	
Develop/adopt an equity frame for the Commission's work.	<ul style="list-style-type: none"> <li>· October 2018 presentation on environmental justice and climate planning from Asian Pacific Environmental Network</li> </ul>		Doria Robinson	
Climate Action Plan Update	<ul style="list-style-type: none"> <li>· December 2018 Presentation from consultants</li> </ul>			
Green Infrastructure	April 2018: The County's Watershed Planner in the Department of Public Works, along with partners from Urban Tiith and The Watershed Project, provided an overview and progress report on the North Richmond Watershed Connections project.			



## Contra Costa County Sustainability Commission

10.

**Meeting Date:** 12/10/2018  
**Subject:** APPOINT Sustainability Commission Member to Represent the Sustainability Commission on the Technical Advisory Group for the General Plan Update  
**Department:** Conservation & Development  
**Presenter:** Jody London, DCD      **Contact:** Jody London (925)674-7871

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**Referral History:**

At the August 27, 2018, meeting, the Sustainability Commission received a report on the General Plan Update. At that time, the Commission discussed the possibility of one of its members participating in the Technical Advisory Group for the General Plan Update. Lead staff on the General Plan Update indicated it would be helpful to have someone who is familiar with General Plans and land use planning, as well as sustainability issues and the County's *Climate Action Plan*.

**Referral Update:**

Staff has solicited interest from Sustainability Commission members informally about their interest in serving on the Technical Advisory Group.

**Recommendation(s)/Next Step(s):**

APPOINT Sustainability Commission Member to Represent the Sustainability Commission on the Technical Advisory Group for the General Plan Update

**Fiscal Impact (if any):**

None.

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**ATTACHMENTS**



# Contra Costa County

## Sustainability Commission

11.

**Meeting Date:** 12/10/2018

**Subject:** RECEIVE Reports from Sustainability Commission members and alternates, and PROVIDE DIRECTION as needed

**Presenter:** Sustainability Commission Members      **Contact:** Jody London, DCD

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**Referral History:**

This is a standing item of the Commission.

**Referral Update:**

Commission members and alternates will provide updates to the full Commission.

**Recommendation(s)/Next Step(s):**

RECEIVE Reports from Sustainability Commission members and alternates, and PROVIDE DIRECTION as needed.

**Fiscal Impact (if any):**

None.

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# Contra Costa County

## Sustainability Commission

12.

**Meeting Date:**

**Subject:** RECEIVE Report from Sustainability Coordinator

**Department:** Conservation & Development

**Presenter:** Jody London, Sustainability Coordinator **Contact:** Jody London, DCD

**Referral History:**

This is a standing item of the Commission.

**Referral Update:**

This report provides an update to the Sustainability Commission on the work of the County's Sustainability staff since the Committee last met in October. Key activities during this period are listed below.

- Continued working with consultants and County staff on Renewable Resource Potential Study. The draft report was published in late October, prior to the final stakeholder meeting on October 29. Written comments on the Study were received November 12. Staff is making final modifications to the Study, which will be presented to the Board of Supervisors on December 18. Staff is performing research on community energy potential in several communities in the unincorporated County.
- Initiated work on the Electric Vehicle Readiness Blueprint. The Contra Costa Transportation Authority (CCTA) has retained the Cadmus Group for this project. CCTA will host a first stakeholder meeting on December 18.
- Began coordinating with PlaceWorks on the *Climate Action Plan Update*.
- Continued working on sub-contracts with partners in the Cleaner Contra Costa project: the cities of Antioch, San Pablo, Walnut Creek, as well as Sustainable Contra Costa and Community Climate Solutions. We hope to complete the final agreement in December.
- Worked with the Bay Area Regional Energy Network (BayREN) regarding program changes and updates.
- Hosted a workshop on November 8 on Let's Talk Climate! which featured ecoAmerica presenting its research on how to talk with diverse audiences about climate issues. 55 people participated, including members of the Sustainability Commission.
- Staff are collaborating with MCE to develop a healthy homes program for Contra Costa County, building on a pilot program between the Health Services Department and the Department of Conservation and Development to educate nurses and other outreach workers about weatherization programs for low-income residents. MCE submitted a proposal in November to the Green and Healthy Homes Initiative for a technical assistance grant.
- Submitted a proposal to the Goldman School of Public Policy at UC Berkeley for a graduate student team to recommend a governance structure for acting on the findings of the Adapting to Rising Tides studies in Contra Costa County. We have cleared the first screening and should hear by mid-December whether there is a match with a student team.
- Working with the County's Economic Development Director, met with staff from the Federal Reserve Bank of San Francisco and the San Francisco Foundation to provide an overview of issues and opportunities in eastern Contra Costa County.

- Collaborated with County staff working on topics including land use and transportation, hazardous materials, green business program, economic development, Planning Integration Team for Community Health (PITCH), codes, solid waste, and energy.
- Participated in regional activities.

**Recommendation(s)/Next Step(s):**

RECEIVE report from Sustainability Coordinator.

**Fiscal Impact (if any):**

None.

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**ATTACHMENTS**

Contra Costa County EE Progress Update (2018)

MCE Contra Costa Accounts 11.6.18



# Contra Costa County

## Sustainability Commission

13.

**Meeting Date:** 12/10/2018  
**Subject:** RECEIVE Report from Sustainability Commission Chair and IDENTIFY TOPICS for next report to Ad Hoc Committee on Sustainability  
**Department:** Conservation & Development  
**Presenter:** Victoria Smith, Chair      **Contact:** Jody London, DCD

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### **Referral History:**

This is a standing item of the Commission.

### **Referral Update:**

The Sustainability Commission Chair provides an update at each meeting to Commission members on the administration of the Commission, meetings of the Board of Supervisors Ad Hoc Committee on Sustainability, and other issues of interest to the Commission.

### **Recommendation(s)/Next Step(s):**

RECEIVE report from Sustainability Commission Chair.

### **Fiscal Impact (if any):**

None.



# Contra Costa County

## Sustainability Commission

14.

**Meeting Date:** 12/10/2018  
**Subject:** ADOPT Meeting Schedule for 2019  
**Department:** Conservation & Development  
**Presenter:** Victoria Smith, Chair      **Contact:** Jody London, DCD

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### **Referral History:**

The Sustainability Commission Bylaws state:

Regular meetings of the Commission shall be held on the fourth Monday in February, April, June, August, October, and December, at 5:00 p.m., at a location to be determined by the Commission and staff. The December meeting will occur prior to the fourth Monday in December, as approved by the Commission.

### **Referral Update:**

The Sustainability Commission will meet on the following dates in 2019, unless the Commission subsequently modifies the calendar:

- February 25, 2019
- April 22, 2019
- June 24, 2019
- August 26, 2019
- October 28, 2019
- December 16, 2019

### **Recommendation(s)/Next Step(s):**

ADOPT Meeting Schedule for 2019.

### **Fiscal Impact (if any):**

None.