



Agenda

SUSTAINABILITY COMMITTEE

September 27, 2021

1:00 P.M.

1025 Escobar St., Martinez

To slow the spread of COVID-19, in lieu of a public gathering, the Transportation Water and Infrastructure meetings will be remote until further notice and accessible via link to all members of the public as permitted by the Governor’s Executive Order N29-20.

Supervisor John Gioia, Chair

Supervisor Federal D. Glover, Vice Chair

Agenda Items:

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

When: Sep 27, 2021 01:00 PM Pacific Time (US and Canada)

Please click the link below to join the meeting:

<https://cccounty-us.zoom.us/j/87493314575>

Or via Telephone, dial:

USA 214 765 0478 US Toll

USA 888 278 0254 US Toll-free

Conference code: 198675

1. Introductions
2. Public comment on any item under the jurisdiction of the Committee and not on this agenda (speakers may be limited to three minutes).
3. **APPROVE Record of Action from July 26, 2021, Meeting of the Sustainability Committee.** (Jody London, Department of Conservation and Development)
4. **RECEIVE UPDATE on Bay Area Regional Energy Network.** (Demian Hardman-Saldana, DCD)
5. **RECEIVE UPDATE on Interdepartmental Climate Action Task Force.** (Jody London, DCD)
6. **RECEIVE REPORT from Sustainability Commission Chair, or Designee.** (Wes Sullens, Sustainability Commission Chair)
7. **RECEIVE REPORT from Sustainability Coordinator.** (Jody London, Department of Conservation and Development)

8. The next meeting is currently scheduled for November 22, 2021.

9. Adjourn

The Sustainability Committee will provide reasonable accommodations for persons with disabilities planning to attend Sustainability Committee 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 Sustainability Committee less than 96 hours prior to that meeting are available for public inspection at 1025 Escobar Street during normal business hours.

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

For Additional Information Contact:

Jody London, Sustainability Coordinator
Phone: (925) 655-2815
Jody.London@dcd.cccounty.us



Contra Costa County Board of Supervisors

Subcommittee Report

SUSTAINABILITY COMMITTEE

Meeting Date: 09/27/2021

Subject: APPROVE Record of Action from July 26, 2021, Meeting of the Sustainability Committee.

Submitted For: Jody London, Sustainability Coordinator

Department: Conservation & Development

Referral No.: N/A

Referral Name: N/A

Presenter: Jody London, DCD Sustainability
Coordinator

Contact: Jody London
(925)655-2815

Referral History:

This is an ongoing item of the Committee.

Referral Update:

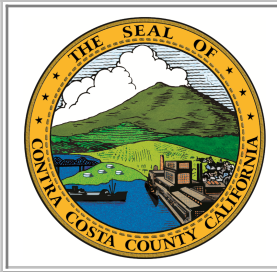
Recommendation(s)/Next Step(s):

Fiscal Impact (if any):

N/A

Attachments

07-26-21 Sus -Ctte Record of Meeting



SUSTAINABILITY COMMITTEE

RECORD OF ACTION FOR
July 26, 2021

Supervisor John Gioia, Chair
Supervisor Federal D. Glover, Vice Chair

Present: John Gioia, Chair
Federal D. Glover, Vice Chair

Staff Present: Monica Nino, County Administrator; Brian Balbas, Public Works Director; John Kopchik, Director, Dept of Conservation and Development; Joe Yee, Deputy Director, Dept of Public Works; Steve Kowalewski, Chief Deputy Director, Dept of Public Works; Jerry Fahy, Section Chief, Dept of Public Works; Jeff Valeros, Engineer, Dept of Public Works; Alexander Zandian, Engineer, Dept of Public Works; Jason Crapo, Deputy Director, Dept of Conservation and Development; Robert Sarmiento, Planner, Dept of Conservation and Development; Jody London, Sustainability Coordinator; Susan Psara, Green Business Program Manager; Christine Locklear, Green Business Program Associate; Dom Pruett, Field Representative, Supervisor Andersen; Wade Finlinson, Integrated Pest Management Coordinator; Erin Steffen, Management Analyst, County Administrator's Office; Luz Gomez, Manager, Community Wellness Program

Attendees: Brenna Shafizadeh, Carol Weed, Chris Easter, Marti Roach, Lindy Novak, Lisa Jackson, Betty Lobos, Wes Sullens

1. Introductions
2. Public comment on any item under the jurisdiction of the Committee and not on this agenda (speakers may be limited to three minutes).

3.

The Record of Action from the June 28, 2021 Special Meeting was approved.

4. Accept report on Sustainability Fund research findings and consider staff recommendation for a Sustainability Fund for Contra Costa County that would be used to support investments in County facilities that further the County's environmental sustainability and climate change goals. Refer the report findings and recommendation for a Sustainability Fund to the full Board of Supervisors for consideration.

Staff recommends that a Sustainability Fund be established with an annual

allocation of \$1-\$5 million for the next 5 years. Public Works staff will report back to the Sustainability Committee annually on progress on project implementation and progress towards improving the data quality and performance metrics through improved tracking systems. At the end of 5 years, the Public Works Department will report back to the Sustainability Committee with a recommendation to evolve the Sustainability Fund to a revolving fund based on whether Public Works is able to develop the data and metrics needed to track actual cost savings for sustainability projects.

Staff recommends the Department of Public Works have primary responsibility for the Sustainability Fund, working in consultation with an interdepartmental advisory committee and the County Administrator's Office. Public Works would identify projects, oversee projects to completion, track savings (estimated or actual), and report annually on the fund's impact. This conforms to best practices learned from other jurisdictions.

In our research, an interdepartmental committee was identified as a key element for a Sustainability Fund. The recently created Interdepartmental Climate Action Task Force could play this role. The Task Force consists of department heads or designated representatives of each County department. It would convene throughout the year to make ongoing recommendations about the Sustainability Fund's management including the process of identification and selection of the projects the County should implement.

Steve Kowalewski, Chief Deputy Director, Public Works Department, provided an update on research and recommendations for a Sustainability Fund that would support investments in County facilities that advance the County's climate action goals. Starting from the best practices identified in the written report, Public Works developed goals for a Contra Costa County Sustainability Fund:

1. Reduce impact on the environment
2. Centralize authority for funding sustainability investments.
3. Minimize costs of implementation.
4. Start project implementation immediately.
5. Fund oversight and transparency.
6. Reduce operating costs through energy use reduction or other resource use reduction.

Working off a flow chart (attached) Kowalewski described the trade-offs involved in implementing a special fund, particularly in terms of the amount of resources used to verify energy savings. The Committee agreed, and recognized that there are non-monetary benefits from investments that support climate action, particularly in terms of health and environment. Kowalewski clarified that the Sustainability Fund would be used for retrofits of existing County facilities. The funds would be available to any County facility, regardless of the department's funding source.

Public Works recommends that project selection and prioritization be done through recommendations from the County's Energy Manager, input from the County's Sustainability Coordinator, input from the Facilities Services and Capital Project Management divisions, input from County Departments, and input and project approval from the CAO. The Interdepartmental Climate Action Task Force would review the project selection and approval process and make recommendations on how to improve. Staff has

already developed an initial list of energy reduction projects, electric vehicle charging stations, electric vehicle purchases, and continue with the solar panel installation program (on-going).

The Committee directed staff to update report to reflect that: (1) some of the actions the Fund will support are going to be required under State law (i.e., electric vehicles), (2) there are health benefits of these improvements to County facilities, and (3) this creates an opportunity to leverage County investment with infrastructure funds coming from State, Federal, maybe other sources. The Committee directed Public Works to consult with the Health Department regarding health benefits. The Committee agrees with staff recommendations on Fund structure and governance. The Committee recommended the amount requested be revised to \$2.5 - \$5 million, with the initial focus on installing the first tranche of electric vehicle chargers identified in a later agenda item. The Committee directed that the report be presented to the Board of Supervisors in September.

5. RECEIVE UPDATE on Conversion of County Fleet to Electric Vehicles, and PROVIDE DIRECTION.

Joe Yee, Deputy Director, Public Works, responded to the direction provided by the Committee at its May meeting. The written report included in the agenda includes information on the number of total vehicles purchased in the last two years by County departments. Out of 340, 12 were electric vehicles (EVs).

Yee reviewed a proposal from staff to install EV chargers at 15 County facility sites. Several of those sites have solar panels. Once this project is complete, there will be 93 chargers across the 15 sites.

Public Works also looked at how many County vehicles are being operated out of these sites, and noted that in many cases, electric conduit is already present. There may be some sites at which the electrical panel needs to be upgraded, which can increase the cost of the project.

The Committee reviewed Administrative Bulletins 507 and 508 relating to vehicles and fleet. The Committee directed that the Bulletins be revised to reflect that the default vehicle type will be all-electric. The Committee discussed other revisions to the Bulletins, including priority of use for chargers, rates for charging, time limits for charger use, removing internal combustion engine vehicles from sites that have EV charging capability, and a preference to refer to "zero emission" vehicles.

6. RECEIVE REPORT on County Active Transportation Plan and PROVIDE DIRECTION as needed.

Robert Sarmiento, Planner in the Department of Conservation and Development (DCD), provided an overview of the ongoing work to update the County's Active Transportation Plan. The goal of this project is to have a seamless network for bicyclists and pedestrians throughout the County. This project is being led by the Department of Public Works and DCD with funding from a State grant. The project is moving quickly to meet a grant deadline of February 2022.

The group will report back to the Committee in September on the recommendations in the Active Transportation Plan.

7. RECEIVE REPORT from Sustainability Commission Chair, or Designee.

8. RECEIVE report from Sustainability Coordinator.
 9. The next meeting is currently scheduled for September 27, 2021.
 10. Adjourn
-

For Additional Information Contact:

Jody London, Sustainability Coordinator
Phone (925) 674-7871
Jody.London@dcd.cccounty.us



Contra Costa County Board of Supervisors

Subcommittee Report

SUSTAINABILITY COMMITTEE

Meeting Date: 09/27/2021

Subject: RECEIVE UPDATE on Bay Area Regional Energy Network. (Demian Hardman-Saldana, DCD)

Submitted For: Jody London, Sustainability Coordinator

Department: Conservation & Development

Referral No.: N/A

Referral Name: N/A

Presenter: Demian Hardman-Saldana, DCD **Contact:** Demian Hardman-Saldana
(925)655-2816

Referral History:

In July 2012, the County entered into a Memorandum of Understanding (MOU) establishing the Bay Area Regional Energy Network (BayREN), a collaborative partnership among the nine Bay Area counties (Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, and Sonoma Counties) and led by the Association of Bay Area Governments (ABAG), for the purpose of facilitating the implementation of energy efficiency programs throughout the Bay Area.

In late 2012, the California Public Utilities Commission (CPUC) approved BayREN as a pilot program (effective January 1, 2013) to implement Energy Efficiency (EE) Programs for the purpose of filling gaps in EE Program activities not being offered by the Investor-Owned Utility's (IOUs, such as PG&E) or Community Choice Aggregators (CCAs, such as MCE).

Since 2013, all BayREN counties have been receiving CPUC funding each calendar year to provide marketing, education and outreach for various EE Programs offered through BayREN. On May 31, 2018, the CPUC approved, among other things, the BayREN business plan allocating additional funding through calendar year 2025 (Decision 18-05-041).

The business plan allowed BayREN to design and implement EE Programs for residential and commercial buildings, as well as activities related to energy code compliance. The residential and commercial programs offer free technical services and incentives if owners/contractors make specific energy efficiency improvements to existing single-family, multi-family or commercial buildings. Also included is a green labeling program that provides incentives to homeowners and participating contractors to offer a home energy score to interested single-family homeowners.

The Building Codes and Standards subprogram provides, among other things, various resources to support local government officials with building energy code compliance and enforcement. The implementation and expansion of these energy efficiency programs support the County's Climate

Action Plan adopted in 2015.

Referral Update:

Attached is a presentation with an update on BayREN program activities.

Recommendation(s)/Next Step(s):

Receive update on BayREN program activities.

Attachments

BayREN EE Program Update



Local Governments Empowering Our Communities



Bay Area Regional Energy Network (BayREN) Programs Update

Demian Hardman-Saldana

BOS Sustainability Committee

09-27-21 Sustainability Committee Mtg - Agenda Packet, Page 10 of 48

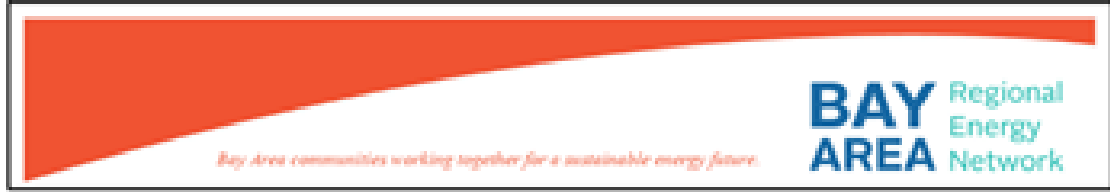

September 27, 2021

Bay Area Regional Energy Network (BayREN)



- The BayREN is a collaboration of the nine counties that make up the San Francisco Bay Area.
- Led by the Association of Bay Area Governments (ABAG), BayREN draws on the expertise, experience, and proven track record of local governments and their staff
- BayREN is one of three regional energy networks (RENs) in California
- Funding provided by the California Public Utilities Commission (CPUC)

Evolution of BayREN

The Evolution of BayREN			
Iteration	BayREN 1.0	BayREN 2.0	BayREN 2.5
Time Period	2013-2015	2016-2017	2018-Current
Defining Aspects	Program startup, contracting and relationship building	Emergence of community choice aggregators, cost-effectiveness determination, and program refining	Decarbonization, electrification, health and equity, and program administrator collaboration
Branding			
Portfolio Budget	\$14.5 million per year	\$17.5 million per year	\$23.5 million per year
Program Portfolio	<ol style="list-style-type: none"> 1. Single Family Home Upgrade 2. Multifamily 3. Codes and Standards 4. Financing <ul style="list-style-type: none"> • Commercial Property Assessed Clean Energy (cPACE) • Multifamily Capital Advance (MFCAP) • Pay-as-You-Save (PAYS) 	<ol style="list-style-type: none"> 1. Single Family Home Upgrade 2. Multifamily 3. Codes and Standards 4. Financing <ul style="list-style-type: none"> • cPACE • MFCAP • PAYS 	<ol style="list-style-type: none"> 1. Home+ 2. Multifamily & MFCAP 3. Green Labeling 4. Codes and Standards 5. Commercial 6. Water Upgrades \$ave

BayREN Programs

- **Residential Programs**
 - Single Family (Home+)
 - Green Labeling
 - Multi-Family (BAMBE)
 - Water Upgrades \$ave
- **Commercial Programs**
 - BayREN Business (Pay for Performance)
- **Codes and Standards**
 - Regional forums on key topics
 - Electronic tools and permit guides
 - Technical assistance for Zero Net Energy/Carbon



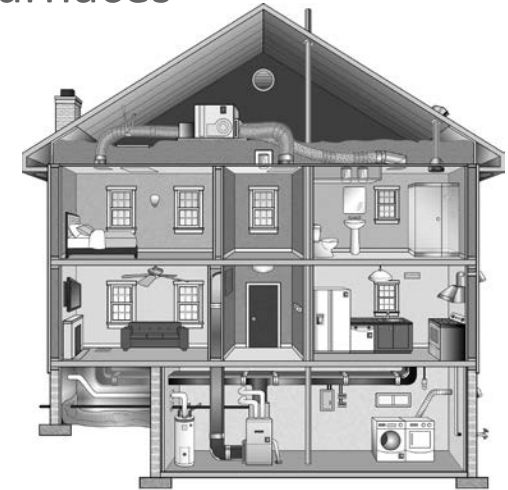
Home+ Program (Single Family)

Program Overview

- Provides up to \$5,000 in rebates for energy efficiency and electrification upgrades
- [2021 Measure List](#) – weatherization, building shell, water heaters, and furnaces
- No-cost Home Energy Advisor
- Free homeowner education and workshops
- Youth trainee partnership with Rising Sun
- Participating contractor model

Program Focus

- Middle income homeowners and renters, but anyone is eligible for Home+ rebates
- Electrification pathway to emphasize indoor air quality & climate objectives



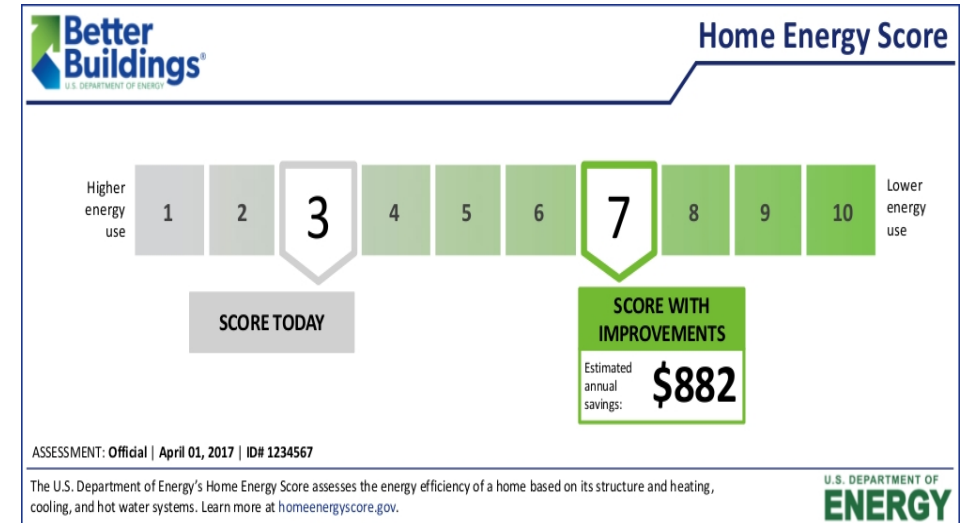
Green Labeling Program

Program Overview

- Recognizes and quantifies value of green homes during real estate transactions
- \$200 rebate for obtaining a Home Energy Score assessment
- Free training and workshops
- Partnering with Home Energy Score Assessors/Raters
- Refer customers to Energy Advisors
- Identify upgrade projects

Program Focus

- Complementing market transformation strategies (incentives and financing)






Bay Area Multifamily Building Enhancements (BAMBE)

Program Overview

- No-cost energy consulting designed to save >15% of a building's energy and water usage
- Cash rebates
- Access to financing
- 5+ dwelling units; \$750 per unit rebate
- Open contractor model

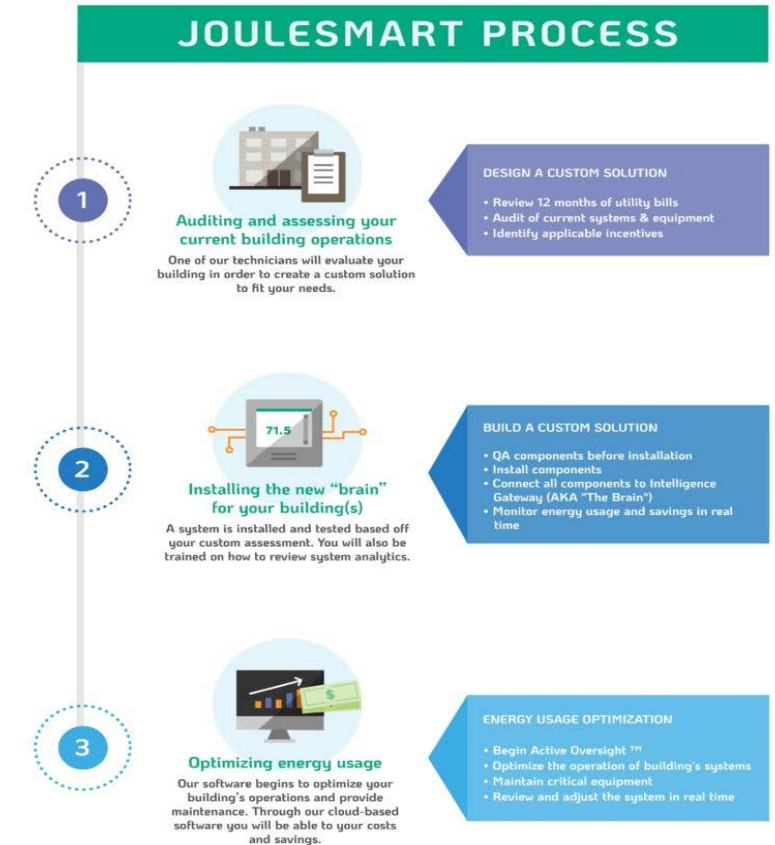
Get started today.
BayAreaMultifamily.org

-  Free Energy Consultation
-  Choose your own contractor
-  \$750 per unit rebates

BayREN Business

Program Overview

- Lighting, HVAC, and refrigeration equipment upgrades at **no out-of-pocket-cost** to serve small-to-medium business owners (<50,000 ft²)
- “Pay for Performance” program design guarantees financial and energy savings
- Target Businesses
 - Retail, personal and business services, restaurants, automotive services stations and dealerships
 - Leased space
 - Less than 10 employees
 - Non-English Speaking or English as a Second Language



Codes and Standards

Program Focus

- Support the development and implementation of tools, best practices, trainings, and policies to accelerate compliance with and exceed California Title 24, Part 6

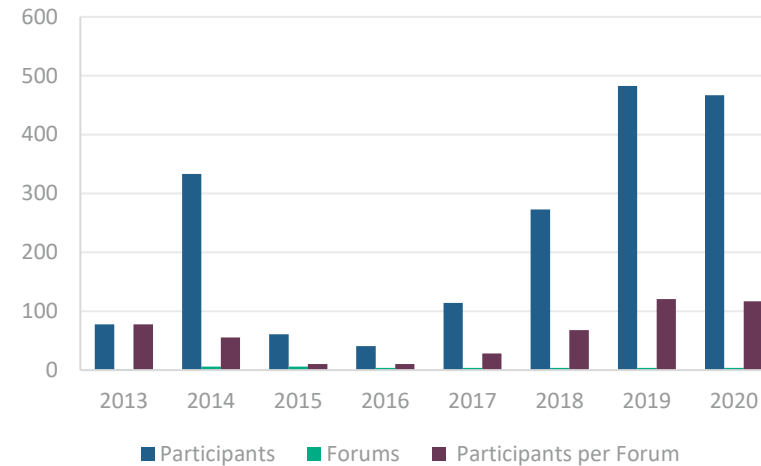
Target Audience

- Building officials, plan checkers, field inspectors, permit technicians
- Free forums, resources, and services

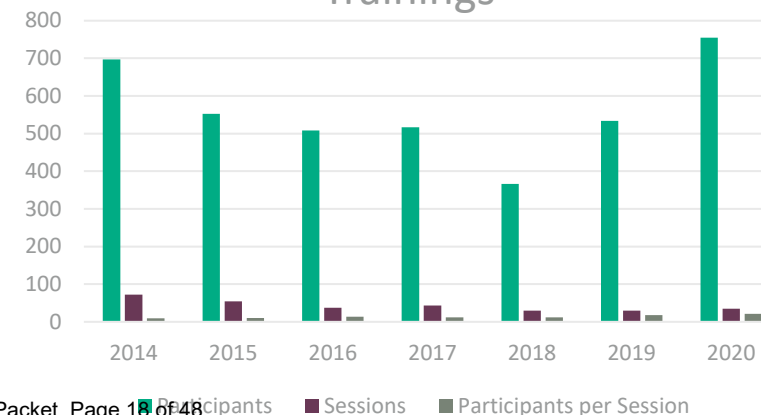
Resources Available Include

- Free, half-day regional forums to network and learn about local adoption and implementation of energy code, green building and ZNE policies
- Energy Code Compliance and Enforcement: Trainings, ePermit tool, CodeCycle tool
- Reach Code Support: List of legal requirements for reach codes, process for reach codes
- Zero Net Energy (ZNE)/Zero Net Carbon (ZNC) Technical Assistance: BayREN Energy Target and Benchmark Tool, Resource lists

Forums



Trainings



County BayREN Local Outreach

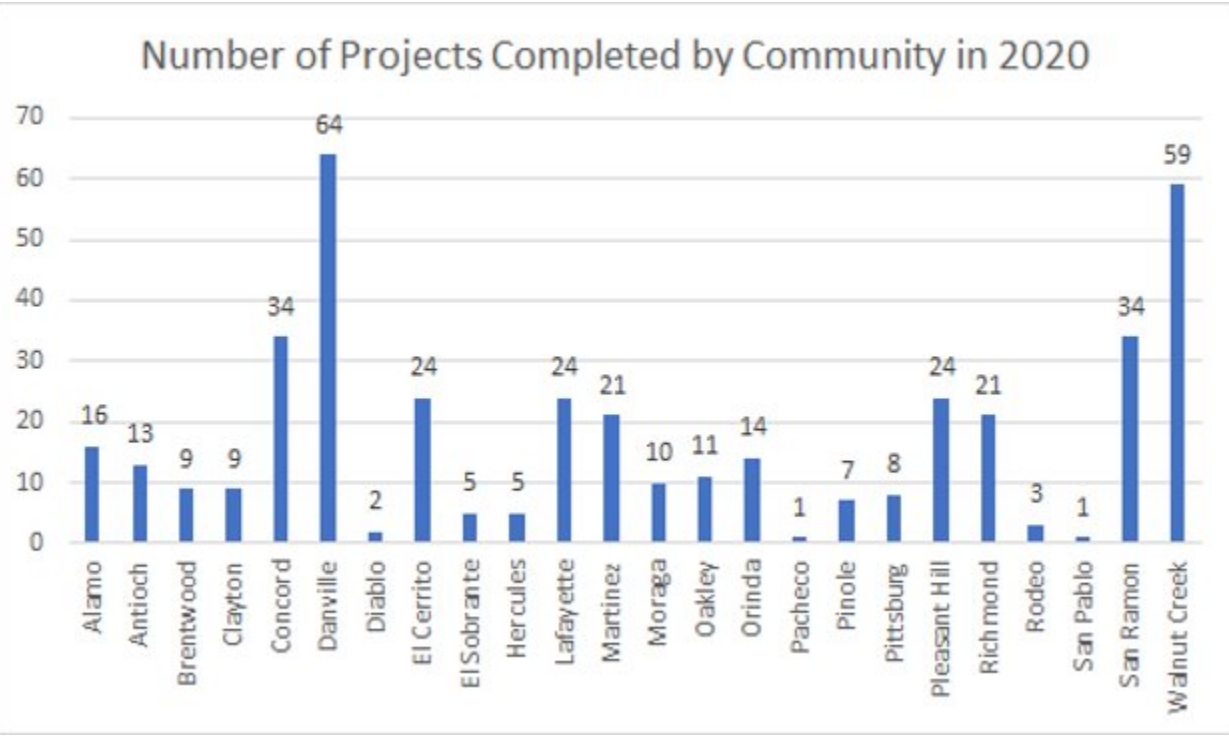
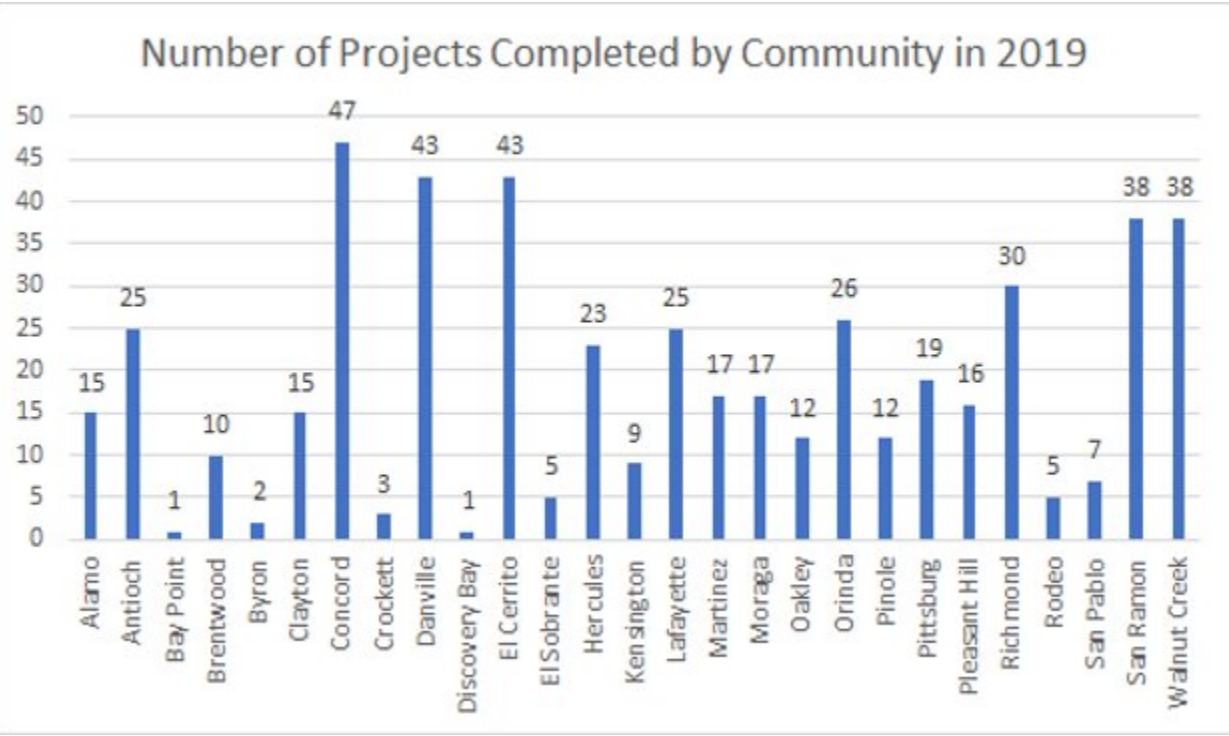
BayREN Single-Family (Home+) Rebate Program

- 3-4 Homeowner workshops managed/conducted by County staff per year since 2013
 - General attendance ranges from 50-100 Homeowners per workshop
 - Includes program overview, homeowner experience, BayREN Participating Contractors with Q/A.
 - Over 200,000 mailers to property owners about BayREN Single-Family rebate program

BayREN Multi-Family Rebate Program

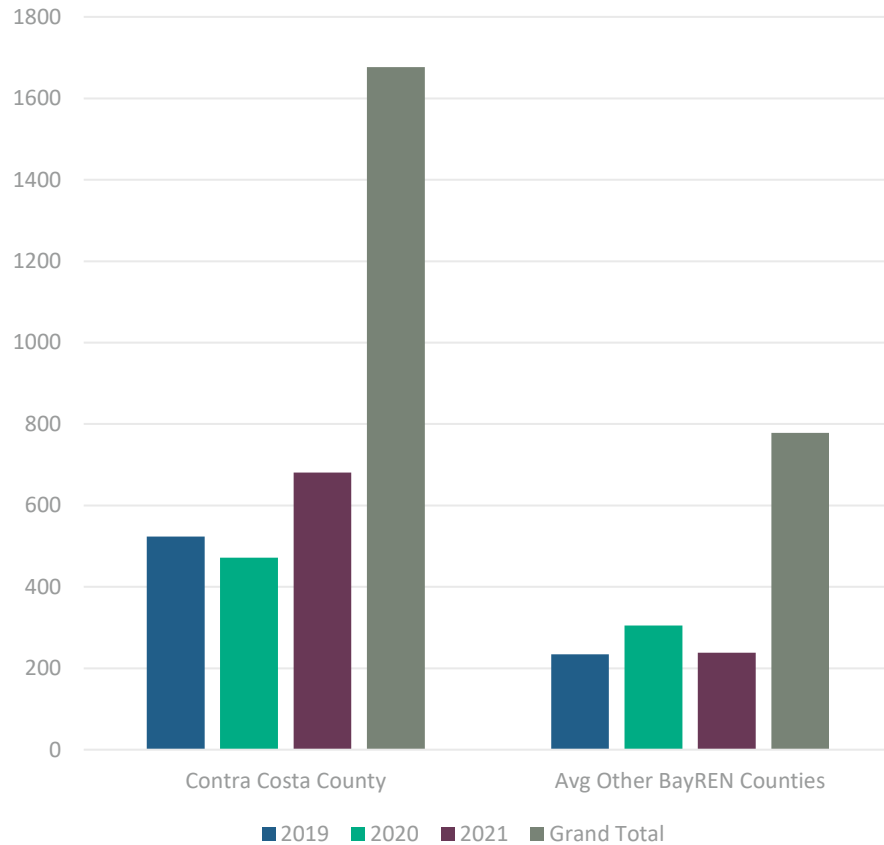
- Strategic Mailers to MF Property Managers
 - Coordination with clients from Contra Costa Asthma Initiative

Home+ Projects Completed by Community

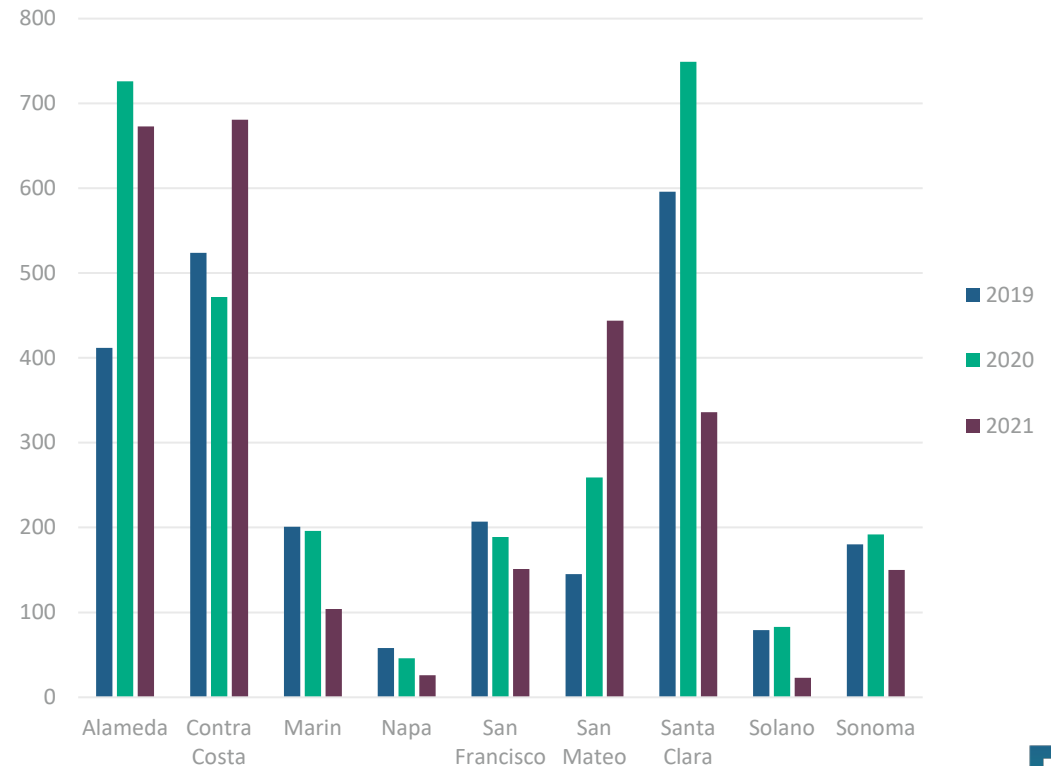


Home+ Rebate Measures Completed All Counties Comparison : 2019 thru 2021

Home+ Total Measures Completed



Home+ Measures Completed by County



The Future of BayREN

- October 23, 2019, California Public Utilities issued Decision (R.13-11-005) on Future of RENs, which among other things no longer labels RENs as Pilot Programs.
- 2025 Strategic Plan Framework
 - Focus on “equity priority communities”
 - BayREN Multi-Family Rebate Program Focus
 - Deed-restricted or naturally-occurring affordable housing
 - Located within a disadvantaged community
 - Less than 100 units
 - Resident ownership structure (HOA, Co-Op)
 - Clean Heating Pathway

Questions?



Contact:

Demian Hardman-Saldana

Senior Planner

demian.hardman@dcd.cccounty.us

P: 925-655-2816

www.bayren.org



Contra Costa County Board of Supervisors

Subcommittee Report

SUSTAINABILITY COMMITTEE

Meeting Date: 09/27/2021

Subject: RECEIVE UPDATE on Interdepartmental Climate Action Task Force (Jody London, DCD)

Submitted For: Jody London, Sustainability Coordinator

Department: Conservation & Development

Referral No.: N/A

Referral Name: N/A

Presenter: Jody London, DCD

Contact: Jody London (925)655-2815

Referral History:

On September 20, 2020, the Board of Supervisors adopted a Climate Emergency Resolution. One of the actions directed in the Resolution was the establishment of “an interdepartmental task force of all Department heads, or their senior deputies, that will focus on urgently implementing the County’s Climate Action Plan...and identifying additional actions, policies, and programs the County can undertake to reduce and adapt to the impacts of a changing climate.”

The Resolution directs the Task Force to report to the Board twice a year starting in March 2021, and specifies that the reports should be discussion items for the Board. The Task Force submitted its first report to the Board on March 30, 2021 (Report #1).

Report #1 described how County departments had expanded their ability to offer services online to County residents during the COVID-19 pandemic, thereby increasing access for the community to County services. In receiving the Report, the Board indicated its support for services to continue to be provided online where feasible on an ongoing basis, recognizing that there are some situations where in-person services are needed.

Report #1 recommended that the County establish a Sustainability Fund that is supported by an annual investment and/or is structured as a revolving fund. The Board indicated its support for an ongoing sustainability investment in County facilities.

The Report also recommended that the County advocate with the State that online advisory body meetings be permitted to continue after shelter-in-place orders are lifted. The Board was already on record supporting legislation on this matter.

The Report also identified a number of actions that County departments could take to better support the County’s climate goals.

Referral Update:

The Sustainability Committee received a report on the Sustainability Fund from the Public Works Department at its July 26, 2021, meeting and provided direction regarding several elements. Public Works is preparing to bring this matter to the Board of Supervisors in the near future.

On September 16, Governor Newsom signed AB 361, which authorizes local agencies to use teleconferencing under certain circumstances until January 1, 2024.

County staff recognized significant overlap between the additional actions for County departments identified in the Report and best practices from the County's Green Business Program. The Interdepartmental Task Force met on September 9, 2021, to review and discuss these best practices from the Green Business Program and whether they can be adopted by County departments. (See attached presentation.) The Task Force agrees that this is a good path to follow. A steering committee will be working to develop a framework by which each department will identify champions who will take the lead on this work.

The Task Force also received an update on the Sustainability Fund. Staff is recommending that the Task Force serve as an advisory committee to the Sustainability Fund.

Staff expects that implementing the Green Business best practices and launching the Sustainability Fund will be the primary focus of the Task Force for the next 12-18 months. Staff is preparing a formal report for the Board of Supervisors in the near future.

Recommendation(s)/Next Step(s):

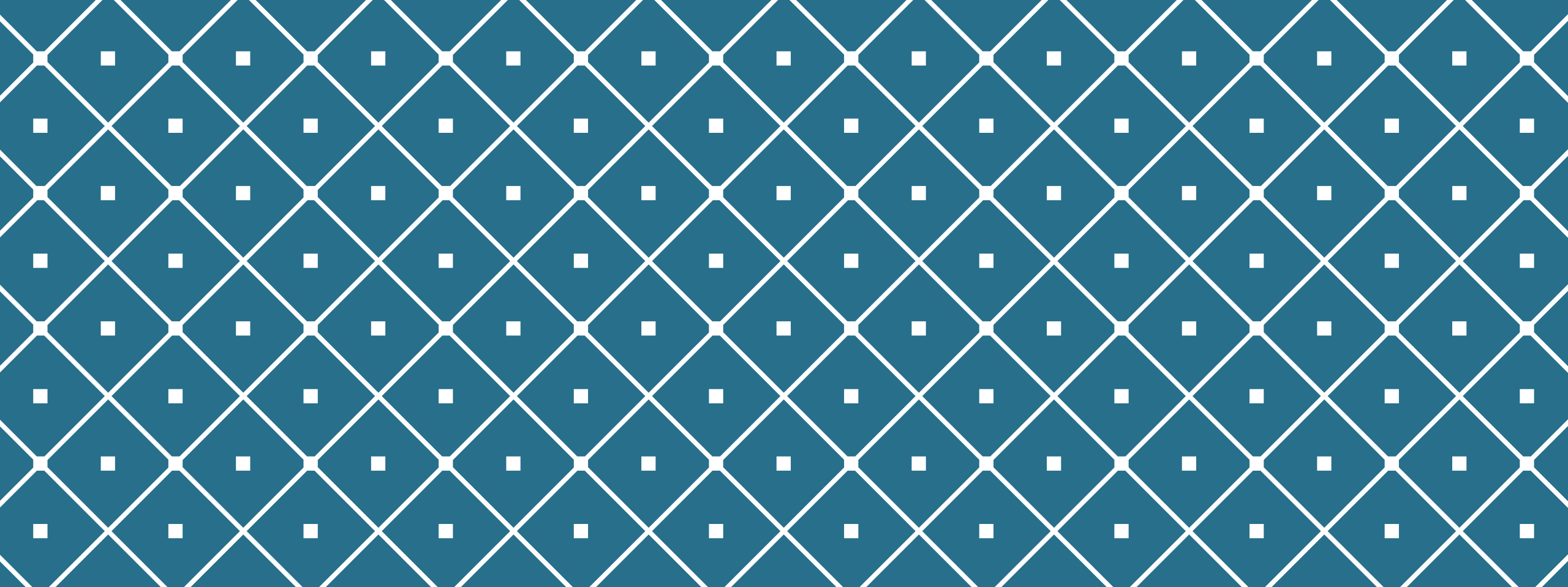
RECEIVE UPDATE on Interdepartmental Climate Action Task Force.

Fiscal Impact (if any):

There is no immediate fiscal impact from the Task Force meetings beyond the staff time required to prepare for and participate in the meetings and other Task Force activities.

Attachments

CCGBP x Interdepartmental Climate Action Task Force



CONTRA COSTA COUNTY GREEN BUSINESS PROGRAM

Best Practices & Alignment With
Interdepartmental Climate Action
Task Force Goals

COUNTY STAKEHOLDERS

Department of Conservation and Development

- Facilitate department participation

Public Works

- Assess current procedures and policies
- Identify implementation gatekeepers and barriers (authorization, budget)
- Implement measures once authorized
- Administer Sustainability Fund

Green Business Program

- Identify highest value climate impact actions
- Provide technical language from vetted program checklists
- Support in technical capacity

Department Participation

- Prioritize sustainability action within departments
- Identify sustainability leaders
- Identify implementation barriers within department
- Assess completed and outstanding actions

CONTRA COSTA GREEN BUSINESS PROGRAM: PROGRAM HISTORY

- Contra Costa Green Business Program was established in 1998 in the Contra Costa Health Services Hazardous Materials Programs (CCHSHMP)
- Integrated into the Pollution Prevention Program for CCHSHMP's unified inspection and enforcement program (CA Health & Safety Code)
- Member of the [California Green Business Network](#) (non-profit, statewide network of 40+ Cities and Counties)
- Supported by 23 [Program Partners](#): municipalities, regulatory agencies and utility agencies
- Recertification required every 4 years



CAGBN Map



Original Logo

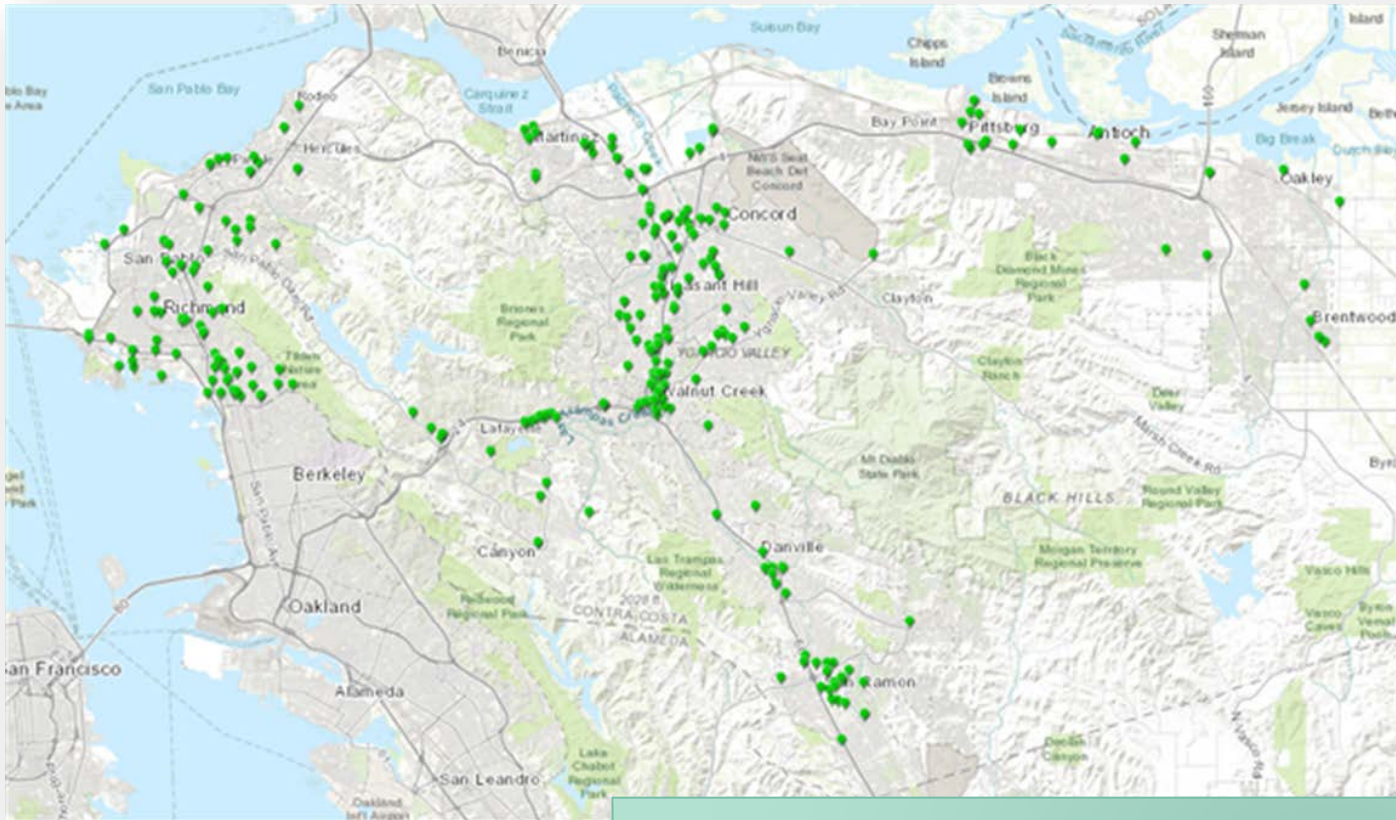
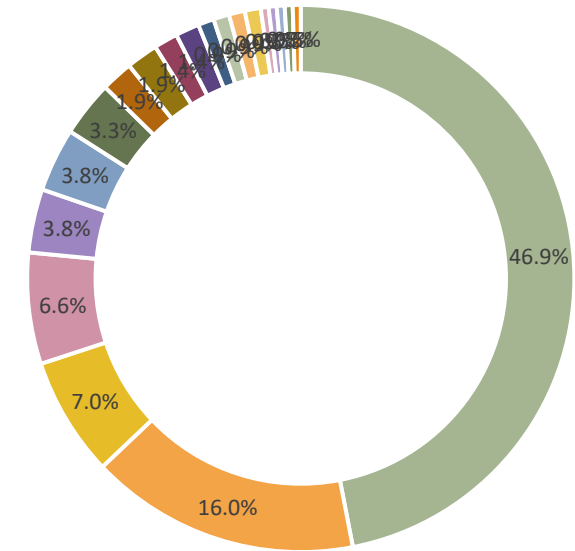


Current Logo



CONTRA COSTA GREEN BUSINESS PROGRAM: CERTIFIED BUSINESSES

Active Green Businesses by Sector



- Office / Retail
- Auto Repair
- Small Manufacturer
- Construction / Remodel
- Landscape Services
- Restaurant
- Janitorial Services
- Garment Cleaning
- Printing Services
- Grocery
- Lodging
- Dental Services
- Efficiency
- Medical Services
- Schools
- Car Wash
- Food Manufacturer
- Municipal Operations
- Painting Services
- Winery



Map, 2018 Green Businesses

Active Certified Businesses: 223
 Total Businesses Certified (all time): 640

CONTRA COSTA GREEN BUSINESS PROGRAM: TECHNICAL EXPERTISE

- Certification checklist comprised of required and elective sustainability measures
- Checklists standardized through CAGBN's Performance & Standard Committee
- 27 sector-specific full checklists
- Entry level 'Efficiency' checklist guidance for prioritizing County climate action goals

The infographic consists of eight green circular icons arranged in a 2x4 grid, each with a corresponding title and description below it.

- Reduced Water Use**
Low flow toilets and auto-off faucets
- Conserve Energy**
Upgrade lighting and equipment to save energy
- Commute Sustainably**
Promote and incentivize alternative transportation for employees
- Prevent Pollution**
Eliminate and/or properly dispose of harmful chemicals
- Use Non-Toxic Cleaners**
Use safer, environmentally preferable cleaning chemicals
- Avoid Waste**
Eliminate unnecessary packaging, printing, and purchasing
- Recycle Materials**
Divert waste from the landfill through reuse, recycling and composting
- Hire Local Vendors**
Working locally means less vehicle use

PRIORITY ACTION ITEMS

13 Highest-Value Actions Recommended by the
Green Business Program

Ideas from the Climate Action Task Force's March
2021 Report



EMPLOYEE PARTICIPATION

Employee Engagement

Encourage employee participation in sustainability efforts by adopting at least 2 of the following practices:

- Incorporate sustainability best practices into employee on-boarding processes, documents, training and development.
- Establish a "Green Team" that meets regularly to co-create and integrate sustainability practices across the organization.
- Measure and communicate progress on sustainability initiatives to keep visibility high and reinforce the idea that achievements in sustainability are meaningful for the company
- Reward sustainability champions with financial and/or non-monetary incentives



Task Force Ideas

- Set up a suggestion box on County intranet site
- Identify sustainability leaders in each departments
- Each department should create its own sustainability plan
- Interdepartmental sustainability competitions
- Employee survey regarding sustainability effort awareness

ENERGY CONSERVATION

Install Energy Efficient Lighting (LEDs)

Use energy-efficient lighting. Replace all halogen, incandescent, T-12, high-pressure sodium, and metal halide lighting with LEDs.



Public Works

- Advises departments on opportunities to change lights
- Currently updating County building standards

Task Force Ideas

- More efficient technology to heat and cool County buildings
- Install lighting and motion detection in all County buildings



ENERGY CONSERVATION

Computers on Sleep Setting

Set computer and laptop monitor settings to turn off after 10 minutes of inactivity and go into a sleep mode after 15 minutes of inactivity.



ENERGY CONSERVATION

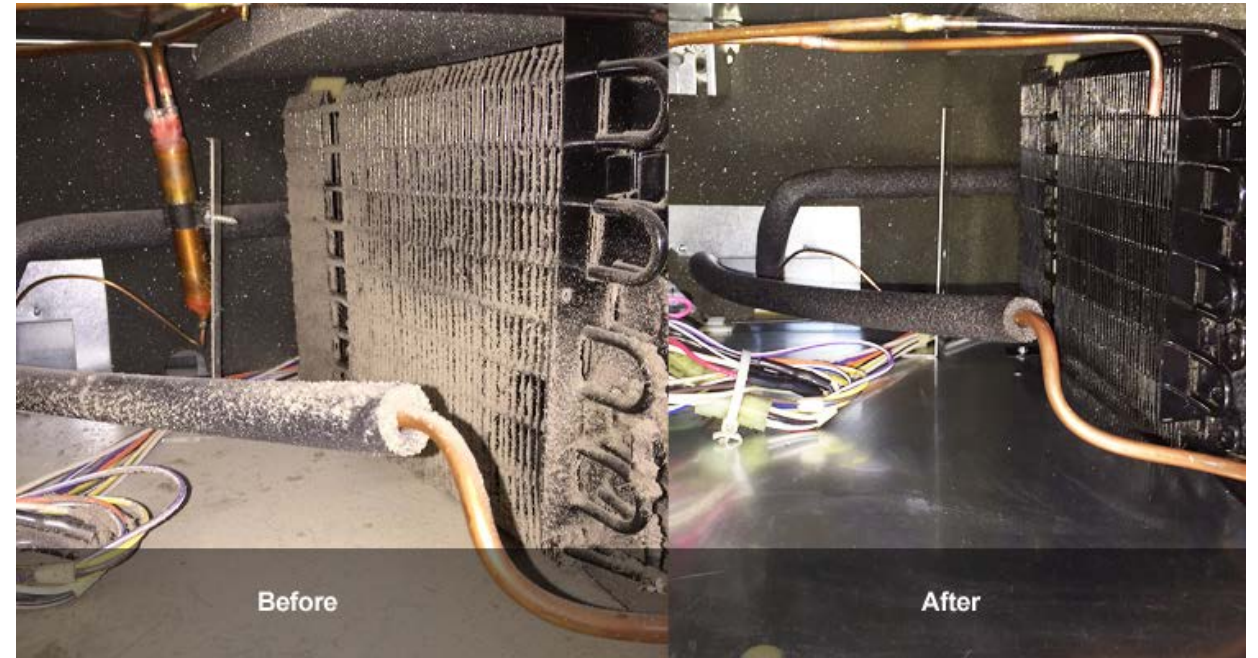
HVAC Maintenance

Complete regularly scheduled maintenance on your HVAC (heating, ventilation, and air conditioning) and refrigeration systems at least twice a year. This includes: cleaning or replacing filters, inspecting damaged suction lines, addressing leaks, checking condenser and evaporator coils for proper airflow and ice build-up, and maintaining the proper function of economizers (found in AC/package units).



Public Works

- Follows manufacturers recommended maintenance schedule



ENVIRONMENTALLY PREFERABLE PURCHASING

Environmental Policy Statement

Have an environmental policy statement that outlines the organization's commitment to sustainability. Have the owner(s) or management sign and distribute the environmental policy to all employees.

The policy must address the following sections: waste reduction, toxins elimination, environmentally preferable purchasing, water/energy conservation, and education of employees.



Purchasing Division preparing to update County's EPP Policy.

Task Force Ideas

- Public Works should develop a menu of options that are available to departments
- Employee survey regarding sustainability effort awareness
- Educate County employees and community about County's ongoing sustainability efforts



POLLUTION PREVENTION

Universal Waste Management

Properly store and dispose of hazardous and "universal waste" as required by law. Label a storage area and notify employees.

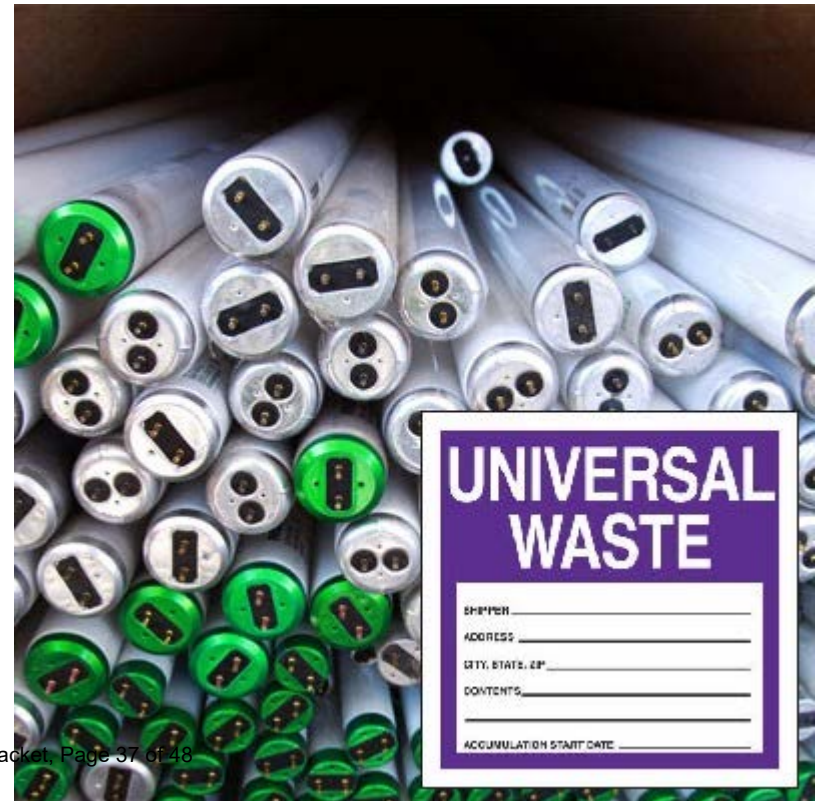
These types of waste include: fluorescent bulbs/tubes, aerosol cans, paint, electronic equipment (e-waste), and batteries. Ensure ink/laser toner cartridges are recycled.

Compliance Measure



Public Works

- Collects batteries and used toner cartridges
- Recycles computer equipment, e-waste & metals
- Fleet recycles used oil



TOXICS REDUCTION



Low-toxicity Janitorial Products

Use certified non-toxic laundry, cleaning and building maintenance products in non-aerosol containers such as Green Seal certified, Environmental Working Group, with an 'A' or 'B' rating, Safer Choice, SF Approved, EcoLogo.



Public Works

- County is a Green Cleaning Agency



WASTE REDUCTION

Recycling & Composting Container Labels

Set up easily accessible waste stations with landfill, compost, and recycle bins co-located. Add clearly marked educational signage.



Public Works

- Collects bottles and cans at some central County Offices
- Recycles and shreds office paper

Task Force Ideas

- Ensure departments are implementing existing programs such as composting and recycling.
- Modify default printing (margins, double-side)
- Refillable ink cartridges
- Paperless systems (cloud-based, DocuSign)



Photo: Contra Costa Water District, Concord

WASTE REDUCTION

Eliminate Styrofoam

Eliminate the use of polystyrene, such as Styrofoam in breakrooms, food/beverage to-go ware, packaging materials, and during any company events.

Compliance Measure

2019 County Styrofoam Ban



SMART TRANSPORTATION

Employee Commute

Offer employees (3+) commuting options:



Task Force Ideas

- Electric bus operation during peak work times
- Satellite offices in East and West County

- Offer a Commuter Benefits Program to enable employees to use pre-tax deduction under IRS code 132(f) for transit, vanpool or biking costs.
- Offer a guaranteed ride home program which provides a free or low-cost ride home in cases of emergency for employees that bike to work.
- **Offer telecommuting opportunities and/or flexible schedules so workers can avoid heavy traffic commutes.**
- Encourage bicycling to work by offering rebates on bicycles bought for commuting or provide employees a stipend or subsidy for bicycle maintenance.
- Provide secure bicycle storage for staff and customers.**
 - Set aside carpool/vanpool/rideshare parking spaces.
 - **Offer a shuttle service to and from bus, train, and/or light rail stops.**
 - Have a bike kit for employees who may have bicycle emergencies.
 - Offer electric vehicle recharge ports for visitors and employees.
- Offer lockers and showers for staff who walk, jog or bike to work.
 - Provide one or more company bicycles for employee use.
 - Ensure that at least 20% of staff walk, bike, or carpool to get to work.
 - **Subsidize a shared bike membership for employees.**

SMART TRANSPORTATION

Electrify County Fleet

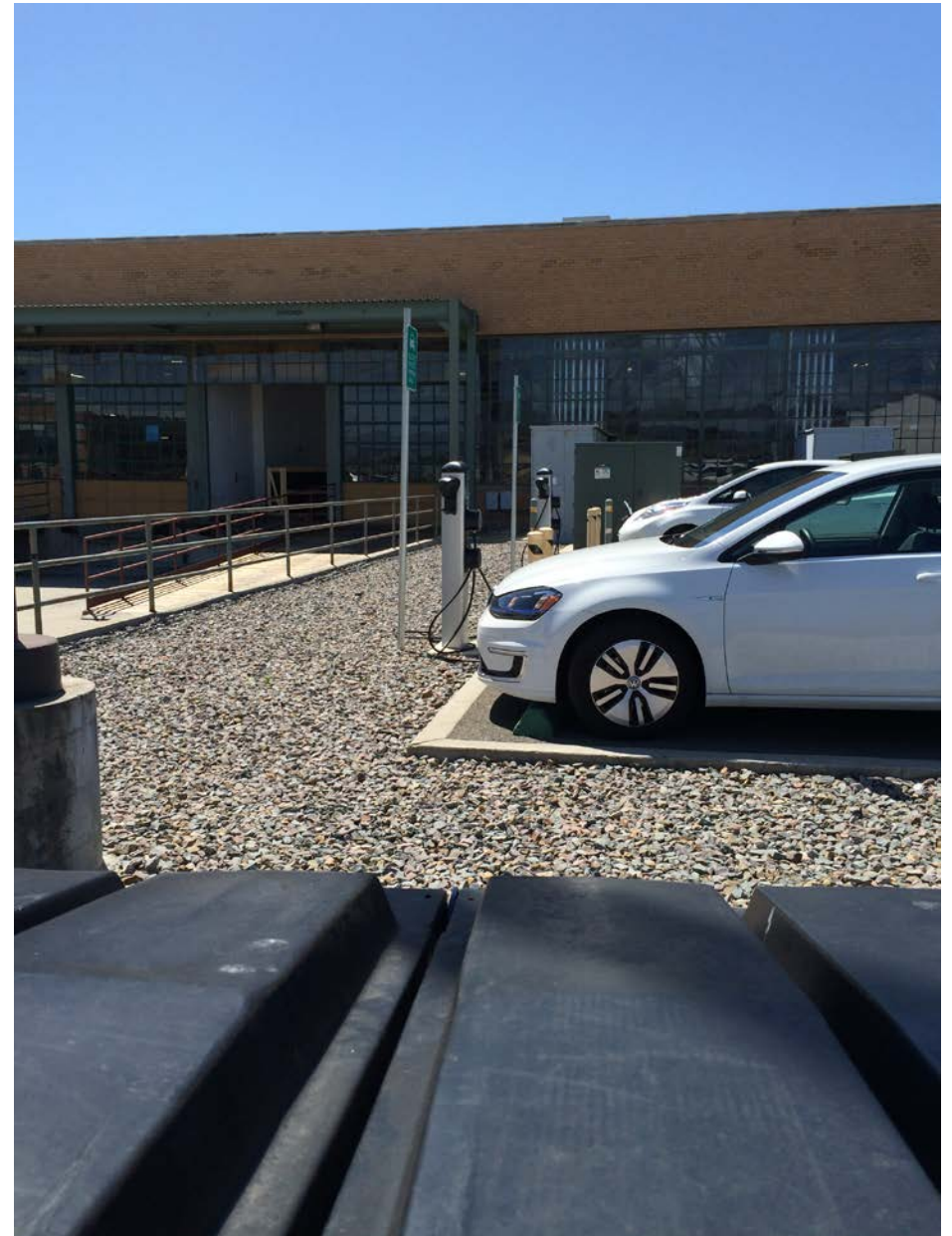
Convert company vehicles to low emission vehicles such as electric, hybrid, natural gas or alternative fuels.



Admin bulletins regarding fleet currently being updated to designate EVs as default new or replacement fleet vehicles.

Task Force Ideas

- Department Electric Vehicle Adoption
- Use County purchasing power to help employees buy EVs for personal use
- Install more public-facing EV charging stations
- Hybrid vehicle adoption for long routes or trips



WATER CONSERVATION

Drought Tolerant Landscaping

Use plant material that is California native or drought-tolerant for 75% of landscaping.



Public Works

- Drought tolerant landscaping installed at Pittsburg Health Center
- Recycled water is used when able to water landscaping by truck

Task Force Ideas

- Drought resistant landscaping
- Low-flow water fixtures in all County facilities



Photo: Walnut Creek Ford

WATER CONSERVATION

Efficient Indoor Water Fixtures

Replace all existing faucet aerators and showerheads with low flow fixtures.

- Bathroom aerators should not exceed 0.5 GPM
- Kitchen sinks should not exceed 1.5 GPM
- Showerheads with flow rates higher than 1.8 GPM should be replaced with high-efficiency showerheads with rates of 1.5 GPM or less.
- Retrofit toilets flushing at higher than 1.6 gallons

OR targeted overall water reduction

- ex. Reduce overall water consumption 20%



Public Works

- Water efficient fixtures installed as toilets and faucets are replaced



Susan Psara

Susan.Psara@cchealth.org

Hazardous Waste Reduction Manager

*Contra Costa Health Services Hazardous
Materials Programs*

Contra Costa Green Business Program

www.GreenBusinessCA.org/ContraCostaCounty

QUESTIONS?



Contra Costa County Board of Supervisors

Subcommittee Report

SUSTAINABILITY COMMITTEE

Meeting Date: 09/27/2021

Subject: RECEIVE REPORT from Sustainability Commission Chair, or Designee.

Submitted For: Jody London, Sustainability Coordinator

Department: Conservation & Development

Referral No.: N/A

Referral Name: N/A

Presenter: Wes Sullens, Sustainability Commission Chair
Contact: Jody London
(925)655-2815

Referral History:

This is a standing item of the Committee.

Referral Update:

The Sustainability Commission Chair provides an update at each meeting of the Sustainability Committee on the work of the Commission.

Recommendation(s)/Next Step(s):

RECEIVE report from Sustainability Commission Chair, or designee.

Fiscal Impact (if any):

None.

Attachments

No file(s) attached.



Contra Costa County Board of Supervisors

Subcommittee Report

SUSTAINABILITY COMMITTEE

Meeting Date: 09/27/2021

Subject: RECEIVE REPORT from Sustainability Coordinator.

Submitted For: Jody London, Sustainability Coordinator

Department: Conservation & Development

Referral No.: N/A

Referral Name: N/A

Presenter: Jody London, DCD Sustainability
Coordinator

Contact: Jody London
(925)655-2815

Referral History:

This is a standing item of the Committee.

Referral Update:

Key activities since the Committee's last meeting on July 26, 2021, include:

- The Interdepartmental Climate Action Task Force met to receive updates on progress since it submitted its first report to the Board of Supervisors on March 30, 2021 and explore how County departments could adopt best practices from the County's Green Business Program. The work around best practices is supported by a cross-departmental steering committee that organized and facilitated the meeting and will continue to support the work of the Task Force in this regard. (see earlier agenda item)
- Department of Conservation and Development staff, through a referral from the Sustainability Committee, reported to the Board of Supervisors on August 3, 2021, on options for developing an ordinance that would require all new residential construction and many types of new non-residential construction to be all-electric. The Board approved this. Staff are now developing the language for the ordinance, which will need approval from the Board of Supervisors and the California Energy Commission before it goes into effect. The goal is for this to happen in early 2022.
- Staff is resuming work on the update to the County's Climate Action Plan (CAP). Staff is working with the consultants to develop draft goals and strategies. These are being reviewed by County departments to ensure support. Staff anticipates bringing the draft goals and strategies to the Sustainability Commission at its October 25, 2021 meeting. Staff anticipates bringing the draft CAP, including the goals and strategies, to the Sustainability Committee in January 2022. The draft CAP will be included in the Environmental Impact Report for the General Plan. Staff anticipates working with the community to further incorporate community priorities for the CAP as part of the outreach that will occur in 2022.
- Sustainability staff continue to support the General Plan update. Staff is working on a schedule to have the Sustainability Commission review those parts of the General Plan that are related to the Climate Action Plan; this is in addition to the environmental justice policies, which the Sustainability Commission has been reviewing since last year.
- We are in the process of executing agreements to support *Healthy Lands, Healthy People*, the carbon sequestration feasibility study funded through a grant from the California Department of Conservation., the Contra Costa Resource Conservation District and the University of California Cooperative Extension. We hope to begin the actual work in September.
- The County hosted a BayREN workshop for single family homeowners on September 15.

- Participated in professional learning opportunities regarding environmental justice, carbon sequestration, communication and facilitation strategies, race and equity, and related.
- Collaborated with County staff working on topics including land use and transportation, hazardous materials, green business program, the County’s state and federal legislative platforms, economic development, health, codes, solid waste, energy, and related.
- Participated in regional activities.

Recommendation(s)/Next Step(s):

RECEIVE report from Sustainability Coordinator.

Fiscal Impact (if any):

N/A.

Attachments

No file(s) attached.
