



RICAPS

Regionally Integrated Climate Action Planning Suite

Multi-city Working Group

December 14, 2021

RICAPS technical assistance is available through the San Mateo County Energy Watch program, which is funded by California utility customers, administered by Pacific Gas and Electric Company (PG&E) under the auspices of the California Public Utilities Commission and with matching funds provided by C/CAG and additional funding provided by Peninsula Clean Energy.



Agenda



- 10-year anniversary of RICAPS!
- Small group discussions
- Presentation and discussion on 2022-23 draft RICAPS program

Please
introduce
yourself and
share something
you're working
on in chat!

The Story of CO2 San Mateo County (RICAPS) 10-Year Anniversary

December 2021 RICAPS Working Group Meeting
December 14, 2021



The "Beginning"

Has it really been 10 years?

Maybe longer, depends where you start counting.

Climate Protection Grant Agreement – C/CAG: April 2008 (\$75K)

- Hire an Energy Officer (Alexis Petru)
- Complete San Mateo County Energy Strategy – started in 2006
- CO2 San Mateo County Program
- Recruit Volunteers – Students
- Collaboration Workshop
- GHG Inventories
- Tracking Tools
- Reporting
 - Report to BAAQMD Board – Carol Groom

Grant Agreement II (\$50K)

- CAP Template

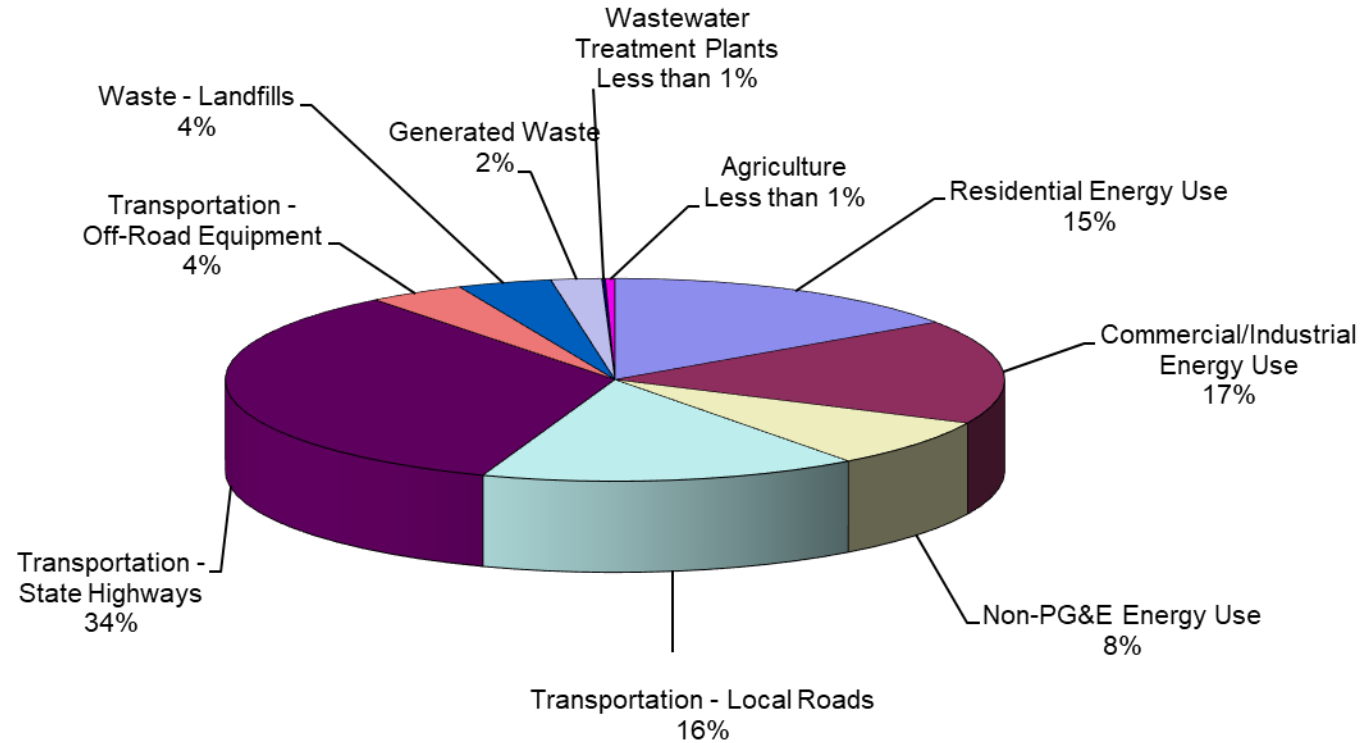
From: "Climate Grants" <climategrants@baaqmd.gov>
To: "Kim Springer" <kspringer@co.sanmateo.ca.us>
Date: 11/9/2007 4:58 PM
Subject: Confirmation of Climate Grant Application

We've received your Climate Grants email.

Please save this email as confirmation of your submission to the Climate Protection Grant Program.

Abby Young
Principal Environmental Planner
Bay Area Air Quality Management District

The “Endless” began as 2005



2005 Inventory was completed in 2008. First global protocol by ICLEI was 2012

A Taste of Government Operations

Categories:

Solid Waste
Solid Waste Landfill
Transportation – motor pool
Energy
Employee Commute
Public Lighting
Water Transport
Stationary Refrigerants
Mobile Refrigerants
Wastewater Treatment
Leased Property
Disposed Hazardous Waste



Department Contacts:

Public Works
Environmental Health
Sherriff's Office
Information Services
Human Services
Real Property
Parks
Airports
Housing
Medical Center
etc.

Where's the data

Who's the contact

“Installing” a new protocol for the future

Buy in

Follow up

Codify?

Hello? Is this CO2 San Mateo County? Can you connect me with Technical Support and where's that CAP Template?

DNV, then DNV GL, the DNV GL Energy Services USA,
then DNV again – no matter how many times they
changed their name, they were instrumental in
developing the CAP Template and Tools

Little known fact: Det Norske Veritas
(DNV) was founded in 1864 and
started as banding together of
marine insurance clubs. (It's
amazing what you can find on Wiki!)

Did someone say Template and Tools?

CAP Template and Tools

Gina Blus: already working with a few cities, launched the template idea:

Steering Committee Cities:

- Elizabeth Claycomb
- Shelly Reider,
- Erin Cook (Cupertino)
- Jim Shannon
- Brandi de Garmeaux
- Steve Smith (Los Altos Hills)

The Tools followed:

- Forecasting – and goal/target setting
- Menu of Measures
- Calculations sheets
- Cost – Benefit tool
- Instructions

So when did RICAPS official start?

- It's the name of course, and it was 2011
- And then we had to tell the committees we'd named the program:

RICAPS
Regionally Integrated Climate Action Planning Suite

Standardized across cities
Compliant with standards
Transparent in terms of calcs, etc.
Simplified for small cities
Cost Effective, staff time, EOscale
Actionable, city implementable
Tracking for progress

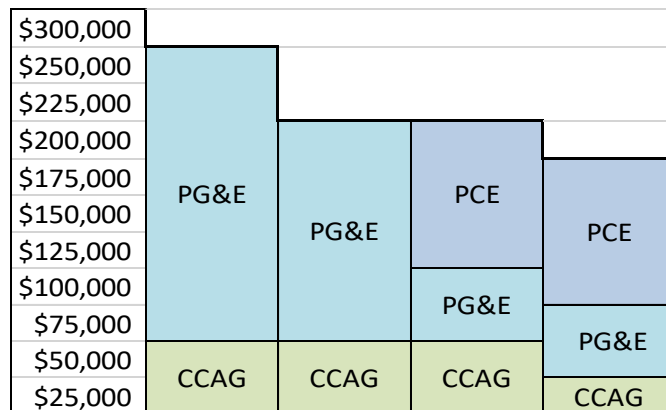
San Mateo County Energy Watch

Funding: PG&E and C/CAG and now PCE

CMO invitation to a meeting with PG&E

- What did PG&E want from us? We couldn't figure it out, even after two meetings.
- We didn't know what we were missing!
- Richard, is there any reason we shouldn't do this? Nope!
- Two days, 20 pages of proposal, and one signature + SMCEW
- November 2008 was the beginning, but 2009 first full program cycle for SMC

Funding over time (approximate):



SAN MATEO COUNTY
ENERGY WATCH

Where we've been - Where we're going

Al Gore in 2006 - Just had to mention AI. Who could forget his scissors lift?

No funding to Funding

No programs to Programs

No inventories to Inventories

No targets to a bunch of them

No plans to Plans

No tools to Tools

No technical support to Technical Support

No protocol to Protocol(s)

So what's next?

New Technical Support Consultant

A common target – Decarbonization with Analysis

Focused implementation – three focus areas, really.

Creative financing and government funding for necessary infrastructure

Mitigation + Adaptation = Resiliency Equitably

State-provided Emission Inventories? No sure yet.



Questions, Thank You, and Happy Holidays!

Kim Springer

kspringer@smcgov.org



Small Group Discussion Questions

1. What successes & progress have you seen in your sustainability work over the past year?
2. What are you working on right now? What are your top 1-2 sustainability priorities for 2022?
3. (If time allows) What challenges & opportunities do you foresee in 2022 for your work?
4. (If time allows) How can RICAPS support you in 2022?

Facilitators: Susan, Denise, Alexandria, Alissa, Andrew, Ryan, Kim



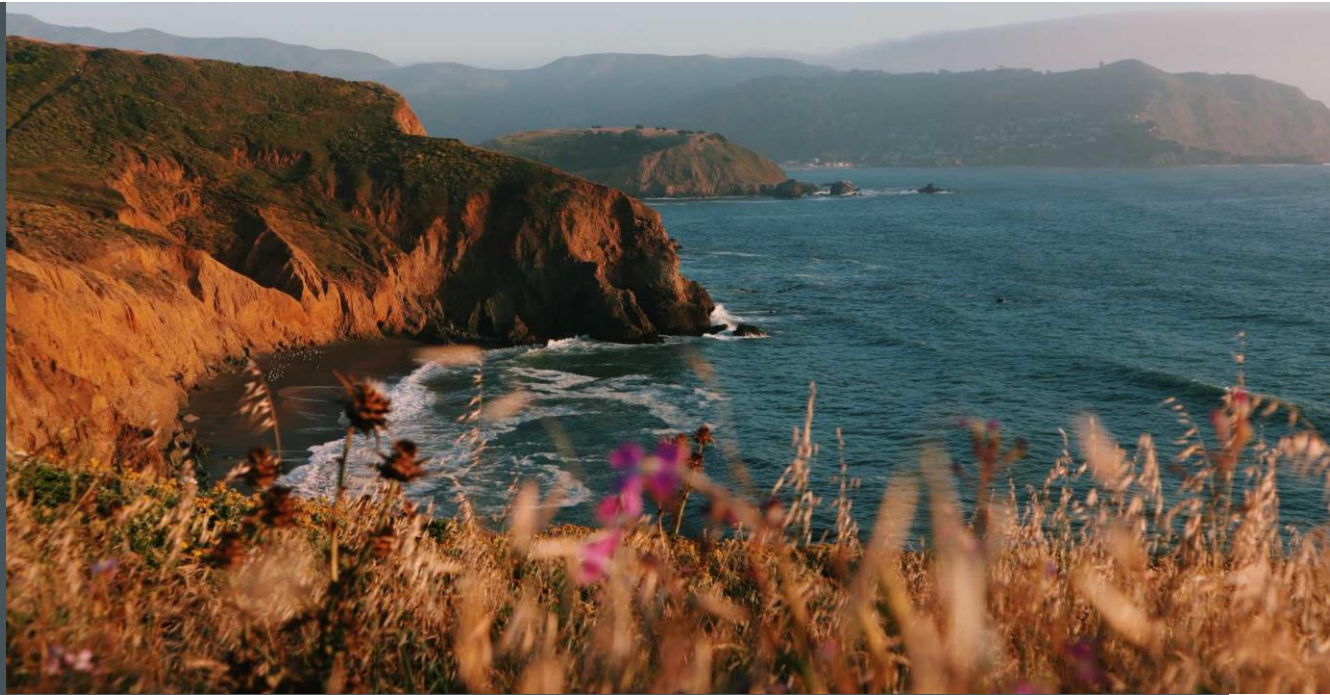
Report Out from Small Groups



Looking forward to 2022 and 2023
with RICAPS

RICAPS PROGRAM VISION FOR 2022

RICAPS WEBINAR DEC. 14



RICAPS TECHNICAL ASSISTANCE TEAM



Project Lead

- Climate Action Planning
- GHG Emissions Technical Analyses
- Climate Policy Implementation

Technical Support

- Energy Efficiency and Electrification
- Facilities Engineering
- Strategies for resilience and microgrids
- Project Funding Assistance

Financial Support

- Economic Impact Analyses
- Funding and Financing Strategies

Transportation Support

- Policy Development
- Engineering Services

RICAPS 2022 AND 2023 VISION

Objectives

- Refocus on big, transformative, regional planning and implementation
- Make significant strides towards carbon neutrality

Methods

1. Develop countywide programs → moonshots
 1. Ex: countywide ban on natural gas infrastructure by 2040
 2. Ex: countywide organic waste trading program
 3. Ex: San Mateo to reduce X million metric tons of CO₂e by 2030
2. Planning and marketing in 2022
3. Focus on Implementation in 2023



BENEFITS OF A REGIONAL APPROACH

- Generate excitement and momentum
- Expanded marketing opportunities
- Increase odds of capturing significant funding
- Address regional problems



**GO GREEN
BEFORE
WE GO BLUE.**

RICAPS PROGRAM APPROACH

Key
Outcomes

Impactful GHG reduction programs
Strong county leadership
Funding and recognition

Program
Vision

Countywide collaboration through
development of and implementation planning
for “moonshots”

Tailored climate action planning for SMC
jurisdictions

RICAPS
Program
Component

RICAPS webinars
and Focus Groups

Facilities Working
Group meetings

Inventory
updates

One-on-one SMC
jurisdiction guidance

RICAPS WEBINAR PLAN

- Module-based (2-3 webinars per module)
- Modules will delve into the decarbonization of the largest emissions sources - buildings, transportation, and waste
 - Compost procurement
 - New building electrification
 - Existing building electrification and decarbonization
 - Active transportation
 - Public transportation
 - Electric vehicles



DISCUSSION QUESTIONS

- What feedback do you have for us on the proposed regional approach? Opportunities? Hurdles?
- What feedback do you have for us on the webinar topics we plan to cover?
- What does “consensus” look like on regional approaches? How should we work towards that?
- What could the moonshots look like?

<https://app.mural.co/t/lexijourney3218/m/lexijourney3218/1639091691839/2f0bd222c92b3541aa5618f82b44519393293396?sender=u4074089dfcf438396ecb7169>

2022 RICAPS Meetings

- Email dlin@smcgov.org if you need invites
- Potential in-person meetings
- May have additional meetings for jurisdictions



RICAPS

Regionally Integrated Climate Action Planning Suite

Next Meeting (Webinar)

January 25, 1:30-3 pm

Thank you! See you next year!

John Allan, jallan@smcgov.org (inventories, stormwater)

Alexandria Gallizioli, agallizioli@smcgov.org (municipal, special district, and school facilities; small businesses)

Denise Lin, dlin@smcgov.org (climate action planning, residential, reach codes, trainings, EVs)

Susan Wright, swright@smcgov.org (climate action planning, collaboration on CAP implementation, electrification strategy)

