center for climate protection

you +

climate

2015-2016 Report
Thank you for your commitment to our work and to addressing the climate crisis. You advance solutions that really make a difference.

Fifteen years ago Mike Sandler and I founded the Center for Climate Protection. Our vision was to align government, business, youth, and the whole community in Sonoma County, and do something so amazing that other communities would follow suit. This is happening.

Throughout these 15 years, the critical factor in the equation has been YOU – your aspirations, generosity, determination, and faith. You are the difference that makes a difference.

What can we make happen in the next five years? What innovative solutions will we incubate here in Sonoma County? How will we spread the successes throughout California and beyond?

We invite you to keep dreaming big with us. Help turn our 5-year strategy into action, and transform at least 17 million Californians’ relationship with energy. By dreaming big and working together, we create a positive future for our children and all life.

Sincerely,

Ann Hancock
Executive Director

Mounting evidence of the climate crisis is everywhere. For example, this August, Louisiana had 31 inches of rain in 15 hours, and the Blue Cut fire in Southern California was more explosive than anything seasoned firefighters there had ever seen. Globally, shrinking Arctic sea ice is shattering records, as are overall world temperatures. January to June 2016 was the planet’s warmest half-year on record.

You are part of the fellowship of people who are committed to turning this around. From the Pope to President Obama to Governor Brown to millions of people worldwide, we join together, speaking out, investing ourselves and our resources for proven solutions that bring down greenhouse gas emissions rapidly, significantly, and cost-effectively.

Scientists tell us that we have only a few critical years to put solutions in place. Chief among them is powering our homes, workplaces, and vehicles with clean energy. The Center for Climate Protection can mobilize to get this job done. Thanks for helping us get there.

Sincerely,

Jane Bender
President
Your investment helps us transform **17 million** Californians’ relationship with energy.

**60% Incubate Solutions**
We invest 60% of our resources in Sonoma County to incubate climate solutions.

Priorities:
- Game-changing innovations
- Replicable models

**40% Spread Success to California**
We invest 40% of our resources to spread the success of our solutions to the rest of California.

Priorities:
- Statewide impact
- Policy impact

By establishing Sonoma Clean Power, helping to defeat AB 2145 in 2014, and spreading Community Choice throughout California, you and the Center for Climate Protection are at the forefront of the energy revolution.


Communities in which Center for Climate Protection is working intensively to advance Community Choice: San Jose, City of Stockton/San Joaquin County, City of Fresno/Fresno County, City of Visalia/Tulare County.

See our interactive map at [www.cleanpowerexchange.org](http://www.cleanpowerexchange.org) for complete, up-to-date status of all California communities.

Spread success:
- Community Choice Energy
- Youth leadership
- More proven solutions
Together, we stand at the front lines of an energy revolution. This revolution can, if accelerated, reduce greenhouse gas emissions at the speed and scale needed to curb the devastating impacts of climate change, while laying the foundation of a new and sustainable economy.

Through the innovation, determination, and support of partner organizations, businesses, and individuals like you, we celebrate progress:

» Clean energy resources like solar are becoming cheaper and more prolific
» Battery storage technologies are developing far faster than predicted and costs are plummeting
» Community Choice Energy is sweeping across California to deliver cleaner more democratized energy
» Our solar energy program, “Solar Sonoma County,” continues a 15-year history of solar advocacy and education:
  o Clean Energy Advocate: We work with homeowners and businesses to help them navigate the complexities of installing solar systems.
  o Qualified Vendors: We vet the solar installers in Sonoma County to ensure top quality and service.
  o Advocacy: We partner with local installers and advocates to advance solar-friendly policies, i.e. Net Energy Metering and the Federal Solar Investment Tax Credit.

Impact

116 MW
New solar and wind energy projects initiated by Sonoma Clean Power, 2016

120
Number of solar customers receiving support from Clean Energy Advocate program

$690,000
Amount Sonoma Clean Power paid customers for their excess solar energy

Action

Help accelerate the renewable energy revolution by contacting our solar program specialist to “Go Solar.” We are your unbiased, nonprofit partner to simplify the process for you. Give us a call today and receive three free quotes from pre-qualified solar power systems installers: 707-654-4350.
Driving the revolution on emission reduction

The Center for Climate Protection is working to accelerate the adoption of Electric Vehicles (EVs) here in Sonoma County and beyond. Thanks to the actions of our individual and business supporters, the number of EVs is growing fast.

EVs are the single biggest choice we can make to lower our climate impact. Plus, they are affordable and fun to drive. Many of our supporters, board members, staff, and volunteers have purchased or leased an electric car, joining thousands of other Sonoma County residents who have abandoned the gas pump for the plug. And more businesses and government facilities are installing charging stations to ensure that their employees and customers will always have the power they need, when they need it.

Our EV program focuses on achieving the following goals:

» Expanding the network of EV chargers

» Working in partnership with local stakeholders to ensure that Sonoma County moves from gasoline to electric cars as quickly as possible

» Educating drivers about the many advantages of going electric, including that it’s a really fun ride

» Linking our growing fleet of EVs to renewable sources of power, such as PVs (solar photovoltaics), which is the best way to quickly and permanently reduce our greenhouse gas emissions

Impact

4,000 EVs now on the road in Sonoma County

30% Pace of EV ownership growth per year

100,000+ Goal for number of EVs on the road by 2030

Action

Next time you are shopping for a car, whether it’s new or used, consider one of the many affordable and modern electric options. If you want a trusted voice to help you sort through the options, give us a call: 707-280-1372!
Delivering climate solutions with economic stimulus

Through Business for Clean Energy (BCE), the Center for Climate Protection partners with businesses to build the clean energy economy. BCE is a membership program that convenes business leaders to advance practices and support policies favorable for the economy and the climate. Members also share initiatives they are pursuing to accelerate innovation and sustainability.

To garner business support for Community Choice Energy in Silicon Valley, we did extensive outreach, including a forum hosted by Cisco Systems attended by business leaders just before the first official public meeting on Community Choice in San Jose.

The Center organized its second Business of Local Energy Symposium in March 2016 in San Jose that covered topics such as public/private partnerships, deployable technologies, and innovations, and featured:

» 7 plenary speakers
» 42 break-out session speakers
» 350 attendees including business and elected leaders, state regulators, and energy/climate advocates

Our third symposium is scheduled for spring 2017 in Long Beach. Also on the horizon is release of our analyses of the economic impact of Community Choice Energy for San Jose and for the San Joaquin Valley.

Impact

350 Attendees of the Business of Local Energy Symposium, from business, government, regulators, and the community

$1.25 billion Projected additional economic activity for the San Jose region from investing in local solar

72 Business for Clean Energy members, all investing to advance the clean energy economy

Action

Attend one of our networking breakfasts. Talk to Barry Vesser (707-525-1665, ext. 113 or bvesser@climateprotection.org) to find out how you can join us as a special guest. Not in Sonoma County? Let’s talk.
ECO2school is the Center’s youth leadership development program. With your support, we engage thousands of youth in climate awareness education and activities to create youth climate leaders across the Bay Area.

In the 2015-16 school year, we worked in 12 Sonoma County school with 166 youth leaders to engage 14,857 students. Of those students, almost 80% (11,531) took a climate action with at least one emission-reducing behavioral change activity.

This year we piloted a regional expansion into the Silicon Valley. An additional 914 students participated in at least one behavior change activity. In the upcoming school year, we will develop a program in San Francisco, while deepening engagement in Sonoma County and Silicon Valley schools.

Our youth advisory board is comprised of 12 student leaders. They shape the ECO2school program, organize events, and speak at political and community venues. They made presentations to hundreds of students and stakeholders across California:

» Green Teen, a youth-organized conference
» Youth for Environment and Sustainability Conference
» North American Association of Environmental Educators
» Bay Area Air Quality Management District Board of Directors Climate Committee

Impact

15,785
Total number of students participating with ECO2school

12,445
Students participating in emission-reducing activities like carpooling or biking to school

39 tons
Carbon dioxide decreased by students as a result of participation in ECO2school

Action

Volunteer for one of our exciting youth events. Also, check out what we’re doing online: “like” the Center for Climate Protection and ECO2school on Facebook.
Localizing and optimizing clean energy technologies

Community Choice Energy is a game-changing energy solution with far-reaching climate protecting impacts. This 21st century energy model democratizes the energy system by reducing our dependence upon centralized, fossil fuel-based power systems. Through localization and ownership of distributed energy resources, Community Choice agencies can optimize emerging clean energy technologies better than the big utilities.

Today: Centralized, linear, fossil and nuclear-based energy system

Our future: Distributed, intelligent, renewably-powered energy system

The Center for Climate Protection spent its formative years mobilizing political will and momentum to launch Sonoma Clean Power, the state’s second Community Choice program. We are now working in San Jose, several communities in the San Joaquin Valley, and broadly statewide to help establish Community Choice programs.

Some of our recent successes include:

» Surveyed hundreds of ratepayers in the San Joaquin Valley about about their views on energy. Overwhelmingly, the Valley is interested in more renewable energy, localizing energy, reducing rates, and reducing greenhouse gases.

» Analyzed the economic benefits of Community Choice Energy, with San Jose as a case study. Not only is the 21st century energy model environmentally healthier, it is also an economic boon.

» Worked with allies around the state in 2016 to advance legislation supporting local energy and to defend Community Choice against threats like Assembly Bill 1110.

Impact

2.5 million
Californians who now have a choice in electricity providers

73%
Ratepayers in the Central Valley who believe it is important to reduce greenhouse gas emissions

$62 million
Customer savings resulting from Sonoma Clean Power

Action

If you live in a community that has Community Choice, show up! Weigh in on rates, solar programs, electric vehicle programs, and ideas of your own. If you live in a community that does not have a program, start the conversation: write letters to the editor, share what you know, talk to your elected officials.
With funding from the Reva & David Logan Foundation, the Center for Climate Protection launched a new project – Clean Power Exchange (CPX) – to expand Community Choice throughout California, with focused effort in the San Joaquin Valley, including the cities of Stockton, Fresno, and Visalia, and the counties of San Joaquin, Fresno, and Tulare. The San Joaquin Valley is one of the nation’s hardest hit by global warming effects like drought and heat waves.

The CPX website, cleanpowerexchange.org, is an online hub of resources about the Community Choice movement sweeping across California. It is a destination to exchange news, information, and resources about clean, local energy and the 21st century energy system.

Our vision is to create energy democracy, a future free of fossil fuels, where residents and businesses share the benefits of local, clean energy.

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Impact

- **300+** Communities in CA exploring a Community Choice program
- **175** News stories about Community Choice posted to CPX blog in its first 6 months
- **900+** Page visits to interactive map of Community Choice development in CA

Action

We invite you to sign up to receive regional, twice-monthly email updates about Community Choice and other clean energy news.
Local action & global leadership on climate action

We, as Californians, are leaders on climate action. California produces fewer emissions per person than nearly any other part of the country.

In 2016, California further solidified its climate leadership by passing Senate Bill 32, extending its landmark commitment to curb heat-trapping emissions. This law requires a 40 percent reduction in greenhouse gas emissions from 1990 levels by 2030. The newly-passed law builds on legislation implemented in 2006 (Assembly Bill 32), which requires the state to reach 1990 levels by 2020.

Sonoma County: The California of California

Sonoma County continues to be a living laboratory to incubate solutions that spread to California and beyond. As California leads the nation, Sonoma County is the “California of California,” moving past compliance to leadership. Sonoma County’s greenhouse gas goal – 25 percent below 1990 levels by 2020 – exceeds California’s goal.

Incubate solutions, spread success

We constantly ask ourselves, what’s the most powerful way the Center for Climate Protection can make a difference? How can we fulfill our mission, to inspire, align, and mobilize action in response to the climate crisis? We are best at incubating solutions and spreading success.

Our highest priority is to spread Community Choice Energy, the most powerful measure local communities can take to rapidly, significantly reduce their greenhouse gas emissions. We envision that if we accelerate our reach, we can enable 17 million Californians to have Community Choice by 2020. And by putting this in place throughout the state, local communities will be empowered to innovate and implement many more local, clean energy solutions.
The Center for Climate Protection is honored to work with the specialists in Silicon Valley and the San Joaquin Valley who spread solutions and inspire, align, and mobilize people.

Silicon Valley

Margaret Bruce
Since 2013 worked with us educating leaders in business, government, and the community at large about Community Choice Energy. Twenty years’ experience in sustainability and environmental policy from the local to the federal level.

Michael Closson
Since 2015 worked with us promoting Community Choice Energy. Environmental activist and consultant from Menlo Park. Previous experience includes executive director of several organizations, and Assistant Dean of Undergraduate Studies, Stanford University.

Ruth Merino
Chair and founder of San Jose Community Energy, a local group working to establish a Community Choice Energy agency in San Jose. Retired City of San Jose Program Performance Auditor, trained by Al Gore, and Sierra Club member since 1992.

San Joaquin Valley

Dolores Weller
Special Advisor to Clean Power Exchange, and Executive Director of the Central Valley Air Quality Coalition, a 70+ member group advocating for clean air, public health, and environmental justice. Holds BA in Comparative Politics from UC San Diego.

Erik Cherkaski

Pedro Hernández
Clean Power Exchange Correspondent for South San Joaquin Valley. Community organizer, historian, first-generation Californio, teacher of middle school to college level students. Holds BA in History from UC Berkeley.

Tulsi Patel
Clean Power Exchange Correspondent for San Joaquin County and Stockton. Attorney experienced in energy and climate policy, and state environmental standards. Holds Sociology degree from UCLA, and JD from Boston University School of Law.

“The secret of life is to act!” ~ Dante Alighieri
Climate Heroes: $25,000 & above
Anonymous
Sonoma County Department of Health Services

Climate Defenders: $1,000 - $4,999
Harold Appleton
Kirsten & Lindsay Austin*
Jim Berger

Climate Champions: $5,000 - $9,999
Denise & David Bailey
Kim & Clay Clement
Climate Ride
Barbara Grasseschi & Anthony Crabb
Gordon Dow*
Hancock Family Fund
Barbara Moulton & Tom Helm*
James Lamb**
OurGreenChallenge.org

Climate Advocates - $100 - $249
Anthea Adams+*+
Bob Ackmann*
Aleta Drummond & Richard Cole*
Gwendolyn & Nimal Dhesi*
Cappie & Thomas Garrett
Elizabeth Herron*
Amy Howard
Ann Austin & Lawrence Jaffe*
Randy Kenworthy
Eleanor Kneibler
Andith Lee*
Willard MacDonald*
Barbara & Jake MacKenzie
Kate Eckler & John Mackie
Sylvia & John Melrose
Melissa Kelley & Stephen Mephart+
Craig Wooster

Climate Contributots: $250 - $499
Keith Abeles
Nabeel & Hala Al-Shamma*
Suzanne & Charles Plopper
Rick Brown
Nancy Burrell
Anne & Howard Wollner

Climate Sustainers
Members
These members make recurring monthly donations to increase their gift’s impact and advance the Center for Climate Protection’s mission.

* 5-5-5 Club Members
5-5-5 Club Members have pledged a 5-year financial commitment toward our $5 million goal to advance Sonoma County’s leadership in climate change solutions and impact 5 million people across California.

** Climate Sustainers

Climate Protection’s mission.
and advance the Center for Climate Protection's high-impact solutions. From a carbon tax to Community Choice Energy to riding a bike, we need to unleash the best solutions now to tackle the climate crisis.” – Barbara Moulton and Tom Helm
Elizabeth & Ken Sawyer
Kathie Schmid+
Ellen Seh
Susan Bryer Shelton+
Maitreyi & Shyam Siriguri
Anne & Brian Seeley
Sandy Smith
Suzanne Smith
Lorraine Sugg & Stephen Vallarino
Nancy & Jack Swearengen
Lihui Tsai
Jack Travis
Joseph & Eunice Valentine
Francisco Vázquez
Barry & Michelle Vesser+
May & Tim Weaver
Ken Wells+ David Westmark
Chelle & David White+
Sara Winge
Pamela Zimmerman

Climate Friends – up to $99
Brant & Bronwen Arthur
Barbara & Charles Baker
Ralph Benson
Mark Braly
Robyn Brilmhall
Margaret Bruce
Paul Burks
Chris Carrieri
Kevin Conway
Anne Crealock
Katherine Cuneo+
Steve & Martha Cutcomb
John Davenport
Steve Tierra & China Dusk
Wendy Eliot
Merritt & Marion Elmore
Maggie Fleming
Sharon Fritsch
Jim Goodwin
Chilele Gummer
Bruce Hagen
John Haig
Shawn Hamill
Larry Harper & Eszter Freeman
Alison Healy
Christine Hoex+
Gene Hotel
Kyra Janssen
Shannan & James Johnson
Renee & Steve Kirk
Christopher Lish
Ricardo Magallon
Edward Mainland
William Marion
Stuart Buman & Vicki Mayster
Tom & Linda Meyekens
Neil & Lorna Myers
Priscilla Naworski
Kris Nevius
Susan Norem
Peter O’Brien
Linda Pedgrett+
Michael Pane
Jane Paneitz
Barbara Powell
Linda and Alan Proulx
Brent Ranalli
Pamela Reaves
Susan Richter
Dale Roberts
Janet Roberts
Marty Roberts
Natalie Rogers+
Jake Rutherford & Kathy Timberlake
Rochelle Savren
Anne Scott
Elliott Selzer
Lane Sharran
Greg Sharpe
Tori Shore
Art Shostak
Anita Smith
David & Donna Spilman
Mary & Christopher Szecey
Rachel Teran
Vivienne Verdon-Roe*
Sally & Shane Weare
Niki Woodard+
Tasha Wright+
Al-Chu & Winston Wu*

Businesses

Diamond Sponsors: $25,000 & above
BoDean Company
Noble Americas Energy Solutions
Sonoma Clean Power
Stone Edge Farm

Emerald Sponsors: $10,000 - $24,999
Redwood Credit Union
Shell Energy North America
Sonoma County Water Agency

Platinum Sponsors: $5,000 - $9,999
Constellation
Direct Energy
Enphase Energy
Redwood Hill Farm
The Ratto Group
Rubin Family of Wines
Solland Company, Inc.
Sonoma Mountain Village
Sunpower
Vivint Solar
Ygrene

Gold Sponsors: $3,000 - $4,999
Calpine
Delphi
Jackson Family Wines
Labcon North America
Purple Wine & Spirits
Republic Services, Inc.
Scarbrough Financial Group
SHED
Summit State Bank
Willow Creek Wealth Management

Silver Sponsors: $1,000 - $2,499
Anonymous
Advanced Alternative Energy Solutions
Beneficial State Bank
BKI
Carle, Mackie, Power & Ross, LLP
Cary Fargo & Doug Schaeffer, Vanguard Properties
Center for Resource Solutions
EES Consulting
Guayaki
Kaiser Permanente
Ken Roberts, Financial Pathways
Law Offices Andrian & Gallagher
Liz Uribe, Wine Country Group
Cory Maguire, Terra Firma
MIG
North Coast Solar
North Pacific Power Systems
Pathways Solar Energy Brokers
Prunuske & Chatham, Inc.

Pure Power Solutions
River City Bank
REPOWER by Solar Universe
Redwood Empire Stereocasters/KZST
Radio
Santa Clara Valley Water District
Siemens Industry, Inc.
Simply Solar
Sinatra Auto Group
SolarCraft
Sonoma Raceway
Synergy Solar
The Energy Authority
West Coast Solar Energy
Williams GeoAdventures

Bronze Sponsors: $500 - $999
AcCounting OnComputers
Bank of Marin
BikePartners.net
CALSEIA
Environmental Pollution Solutions
Exchange Bank
KB Properties
Lancaster Choice Energy
LEAN Energy U.S.
Marin Clean Energy
Marriott
M.A. Silva
Ohmconnect
Promise Energy
Recurrent Energy
Solar Works
Sonoma County Winegrowers
Straus Family Creamery
Sun Light & Power
Traditional Medicinals
Trish McLean, Terra Firma Global Partners

Green Sponsors: $250 - $499
Green Building Architects
Keeegan & Coppin
Kenwood Energy
NorCal Solar

We have made every effort to confirm the accuracy of this list. We regret any omissions or errors.
If you would like to share a correction or discuss giving levels and other options, such as legacy gifts, please contact:

Kristin Berger
707-525-1665 x123
kristin@climateprotection.org

Thank you!

“Our family and company focuses on sustainability, innovation, high-quality living, and reinvented work spaces. We are an ongoing partner with the Center for Climate Protection, an organization moving our community toward sustainability and reducing greenhouse gas emissions.” — Brad Baker, CEO, SOMO Village (Photo of Brad - center - with SOMO team)
In FY 2016, the Center for Climate Protection received the following financial support: $312,482 (32%) from individuals, $172,320 (18%) from businesses, $356,337 (37%) from grants and contracts, and $134,466 (13%) from symposium activities, beneficiary events, and other revenue.

Last year, the Center for Climate Protection increased operations expenses from $738,835 to $887,144. CCP invested 77% percent in programs and 23% in supporting and promoting programs.

Expenditures in FY 2015-2016: $323,413 (36%) toward Community Choice Energy, $78,300 (9%) solar, $39,287 (4%) transportation, $144,976 (16%) youth, $83,754 (10%) building the movement, $97,883 (11%) administration, and $106,067 (12%) resource development.

From 2015 to 2016, cash balance increased from $257,524 to $308,027. Our financial position improved with a 37% increase in total assets and a 34% increase in cash reserves. More detailed financial information is available on request.
Staff

Ann Hancock, Executive Director
Barry Vesser, Deputy Director
Kristin Berger, Development Director
Niki Woodard, Communications/Marketing Director*
Stacey Meinzen, Communications Manager*
Woody Hastings, Renewable Energy Manager
Amy Jolly, ECO2school Manager
Alina Huff, ECO2school Coordinator
Geoffrey Smith, Solar Sonoma County Coordinator
Doron Amiran, EV Manager
Amy Jolly, ECO2school Manager
Alina Huff, ECO2school Coordinator
Geoffrey Smith, Solar Sonoma County Coordinator
Doron Amiran, EV Manager
Laurie-Ann Barbour, Administrative Manager

*Transition in Communications Director position, September 2016

Board

Jane Bender, President, Former Santa Rosa Mayor
Martha Kowalick, Secretary, Campaign Consultant
Chris Call, CPA, Treasurer
Tim Holmes, Energy Efficiency Professional
Lawrence Jaffe, Attorney
Jim McGreen, Entrepreneur/inventor
Carl Mears, Climate Scientist
Larry Robinson, Former Sebastopol Mayor

Paola Alvarado Boylan

Paola joined our ECO2school program in 2013 to enable young people to transform knowledge into action. We’re proud that she continues to apply her knowledge and passion in her new job with Circulate San Diego where she inspires people to change their transportation habits and reduce emissions.

“At the Center for Climate Protection I learned how we can collectively make a huge impact on reducing greenhouse gas emissions. I now understand that community-scale changes make it easier for people to make the right choices for their lives.”

Richard Alden Feldon

While working for the Center for Climate Protection, Alden co-authored Sonoma County’s Community Climate Action Plan, the blueprint for bringing down greenhouse gas emissions. Since leaving CCP, Alden has developed four other climate action plans around the nation, worked in India on clean infrastructure development, and is now navigating the confluences of investigative journalism, social justice, and climate through the Reva and David Logan Foundation and the Jonathan Logan Family Foundation.
you + climate = solutions

"It always seems impossible until it’s done."

~ Nelson Mandela