



CALIFORNIA CLIMATE INVESTMENTS WEBINAR SERIES

Farmers

In collaboration with

Ryan Delmanowski

Supervisor

San Joaquin Valley Air Pollution District



Allen Harthorn & Pamela Posey

Co-Owner & Co-Founder

Harpos Organics



Tribal Recognition Statement

Webinar Agenda

1. California Climate Investments Overview

2. Highlighted Programs

3. Program Administrator Speaker: San Joaquin Valley Air Pollution Control District

4. Grantee Speaker: Harpos Organics

5. Question & Answer

6. Additional Funding & Resources

Interact with us!

Three ways to ask questions:

1. GoToWebinar “Questions” function
2. Direct message via Twitter: [@CAClimateInvest](https://twitter.com/CAClimateInvest)
3. Email us at info@caclimateinvestments.ca.gov

Questions will be read out loud by the moderator.

Note: Detailed instructions can be found in the handouts section to the right.



What is California Climate Investments?

A statewide initiative that puts billions of cap-and-trade dollars to work reducing greenhouse gas emissions, strengthening the economy and improving public health and the environment – particularly in disadvantaged communities.

Instant Poll

- 1. Have you ever applied for or received funding from a California Climate Investments program?**
 - Applied and received
 - Applied and not received
 - Not applied
 - Not sure

- 2. Are you familiar with any of the incentive programs offered by your local air district?**
 - Yes
 - No

Highlighted Programs



Searching for Funding Opportunities: California Climate Investments



HOME / PROGRAMS / RESULTS / MAPS / EVENTS / CONNECT / ABOUT



- ALL PROGRAMS
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- FOR UNIVERSITIES AND RESEARCH INSTITUTIONS

Cap-and-Trade Dollars at Work

caclimateinvestments.ca.gov

Current Funding Opportunities: FARMER

Funding Agricultural Replacement Measures for Emission Reductions (FARMER)

California Air Resources Board

Program Description

The FARMER program provides funding for harvesting equipment, trucks, pump engines, tractors, utility terrain vehicles (UTVs) and other equipment used in agricultural operations¹. Local air districts receive funds based on a formula and award them to farmers and agricultural businesses for individual projects.

Goal

To reduce agricultural sector emissions.

Application Process

Local air districts administer the FARMER Program for their region and select projects for funding. Contact your local air district for information on how to apply.

Funding Amount

Varies by air district.

Application Timeline

Varies by air district

Contact

[Contact Your Local Air Districts](#)

Resources Available

Air District staff may provide technical assistance to applicants as needed, including but not limited to, small growers in disadvantaged communities and low-income communities.

[1] Equipment funded must meet the definition of “agricultural operations”, please refer to:

[Agricultural Operations FAQ \(ca.gov\)](#)

Current Funding Opportunities: HSP

Healthy Soils Program (HSP)

California Department of Food and Agriculture

Program Description

Incentives Program: Provides financial assistance for implementation of conservation management practices that improve soil health, sequester carbon and reduce greenhouse gas emissions.

Demonstration Projects: Showcase the implementation of HSP practices and/or collect data to create a platform promoting widespread adoption of HSP practices.

Goal

To build soil health and reduce greenhouse gas emissions through implementation of HSP practices on California farmlands and ranchlands.

Application Process (for 2020 solicitation round)

Incentives Program: Applications accepted on a rolling basis and reviewed in the order of receipt.

Demonstration Projects: Applications submitted collectively.

Funding Amount

Cap per application.

HSP Incentives: \$100,000.00

HSP Demonstration Projects: Type A: \$250,000.00, Type B: \$100,000.00

Application Timeline

Anticipated Fall 2021

Contact

Office of Environmental
Farming and Innovation

cdfa.hsp_tech@cdfa.ca.gov

Resources Available

[Sign up for updates](#)

Note:

CDFA has not yet received any funds in 2021. Most of the HSP funds (\$40.5 million) in the past came from CCI funds.

San Joaquin Valley Air Pollution Control District (SJVAPCD)

Ryan Delmanowski
Supervisor - Program Administrator



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT AG INCENTIVE PROGRAMS

San Joaquin Valley Air Pollution Control District
June 8, 2021

Eligibility Requirements

- Eligible tractor/equipment includes but is not limited to wheel loaders, balers, cotton pickers, combines, graders or tractors.
- Must be self-propelled.
- Must be domiciled and operated annually 75% within CA and 50% within the San Joaquin Valley Air Basin (San Joaquin to Kern County)
- Must currently be in-use and in operational condition – records required for the past 24-months
- Must have an uncontrolled (Tier 0), Tier 1, or Tier 2 engine that has a horsepower rating of 25 or greater.
- New tractor / equipment must serve the same function and perform the same work equivalent as the old tractor/equipment.

Incentive Table for Ag Equipment Replacement

Cotton Pickers, Articulated Wheel Loaders, Backhoes & Motor Graders (advertised hp rating)	SJVAPCD Incentive
All Horsepower Ratings	\$650/hp
Agricultural Tractors (advertised hp rating)	SJVAPCD Incentive
25-74	\$300/hp
75-149	\$350/hp
150 +	\$500/hp
Specialty Equipment (advertised hp rating)	SJVAPCD Incentive
25-109	\$450/hp
110+	\$500/hp



Incentive Programs for Ag Operations

- **Alternatives to open Ag burning (Accepting Applications)**
 - \$600/acre with soil incorporation (Max of \$60,000 per year)
 - \$300/acre without soil incorporation (Max of \$30,000 per year)
- **Low Dust Nut-Harvesting Equipment (Accepting Applications)**
 - 50% incentive – PTO or Self-Propelled
 - 75% incentive – for equipment that operates within the Shafter AB 617 community boundary
- **Ag Pump Repower (Accepting Applications)**
 - Tier 3 to Tier 4f
 - Tier 3 or 4i to electric w/line extension

Contacts

- Ryan Delmanowski – Supervisor (Strategies & Incentives)
 - (559) 230-6068
 - Ryan.Delmanowski@valleyair.org
- Submit all applications to grants@valleyair.org
- For any questions, please call the SJVAPCD at (559) 230-6000

Harpos Organics

Pamela Posey & Allen Harthorn
Co-Owners & Co-Founders
Healthy Soils Program Grantee



Harthorn/Posey Farm

2024 West Sacramento Avenue
APN# 042-160-010
2 Acres

Rebuilding Healthy Soil
on the Urban Edge

Legend

-  Cover Crops/Compost 1.5 Acres
-  East Hedgerow 400 feet
-  SOM exceeds 20%
-  West Hedgerow 430 feet
-  Windbreak 160 feet

Well

Google Earth

W Sacramento Ave

© 2018 Google

200 ft



15 gallon Redwoods
planted in Windbreak
Grant # 10810114
Harthorn/Posey
Tiny Farm, Chico CA



Windbreak (Cedar & Redwood)

June 2021

Grant # 10810114

Harthorn/Posey

Tiny Farm, Chico CA



Hedgerow Plants
(Elderberry, Coyote Bush, Flannel
Bush, 2 varieties of Ceonothus)
Grant # 10810114
Harthorn/Posey
Tiny Farm, Chico CA



Planting the Hedgerow
March 2020
Grant # 10810114
Harthorn/Posey
Tiny Farm, Chico CA



Hedgerow (West Side)
June 2020
Grant # 10810114
Harthorn/Posey
Tiny Farm, Chico CA



Hedgerow (West Side)

June 2021

Grant # 10810114

Harthorn/Posey

Tiny Farm, Chico CA



Hedgerow East Side
Drip line in place, ready to plant.
March 2020
Grant # 10810114
Harthorn/Posey
Tiny Farm, Chico CA



Growth of Hedgerow (East Side)

December 2020

Grant # 10810114

Harthorn/Posey

Tiny Farm, Chico CA



Hedgerow (East Side)
June 2021
Grant # 10810114
Harthorn/Posey
Tiny Farm, Chico CA



Compost pile,
10 yards, 6 tons.

June 2020

Grant # 10810114

Harthorn/Posey

Tiny Farm, Chico CA



Spreading compost,
June 14, 2020
Grant # 10810114
Harthorn/Posey
Tiny Farm, Chico CA



Rototilling the Compost
June 2020

Grant # 10810114

Harthorn/Posey

Tiny Farm, Chico CA



New Compost-ready to spread
May 2021

Grant # 10810114

Harthorn/Posey

Tiny Farm, Chico CA



Spreading Cover Crop Seed
(Red Clover, Purple Vetch,
Bell Bean) June 2020
Grant # 10810114
Harthorn/Posey
Tiny Farm, Chico CA



Cover Crop June 2021
Grant # 10810114
Harthorn/Posey
Tiny Farm, Chico CA



Cover Crop
June 2021
Grant # 10810114
Harthorn/Posey
Tiny Farm, Chico CA



IMPLEMENTATION LOG Healthy Soils Program 2019-2020
Grant # 10810114 Harthorn/Posey Tiny Farm, Chico CA

Soil Test November 2019

Hedgerow Planting 100 native hedgerow plants purchased March 2020
100 plants planted March 2020
8 foot centers, 8' x 8' 100 = 6400 square feet or .147 acres

Windbreak Planting 8 – 15 gallon redwood trees purchased March 2020
8 redwood trees planted March 2020
10 Incense Cedars purchased June 2020
10 Incense Cedars planted 6/15/2020

Cover Crop Seed 100 lbs. Bell Beans, 50 lbs. Purple Vetch, 15 lbs. Red Clover purchased 6/1/2020
Seed planted 6/14/2020

Compost Compost ordered with analytic report of C/N ratio 6/1/2020
Compost delivered 6/12/2020
Compost applied 6/14/2020

Q & A

Additional Funding & Resources



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caclimateinvestments.ca.gov

Current Funding Opportunities: LIWP

Farmworker Housing Single-Family Energy Efficiency & Solar Photovoltaics

California Department of Community Services & Development

Program Description

The Low-Income Weatherization Program's (LIWP) Farmworker Housing Component provides no-cost rooftop solar photovoltaic (PV) systems and energy efficiency upgrades to low-income farmworker households to reduce greenhouse gas emissions and lower energy costs for participants.

Goal

To reduce greenhouse gas emissions by saving energy and generating clean renewable energy.

Application Process

Funding is available and eligible to 12 counties: Fresno County, Imperial County, Kern County, Madera County, Merced County, Monterey County, San Joaquin County, Stanislaus County, Riverside County, Santa Barbara County, Tulare County, and Ventura County.

To be eligible, at least one household member must be an agricultural employee and the household must meet the program's income guidelines.

Funding Amount

Varies by project.

Application Timeline

Projects are accepted on a rolling basis.

Contact

liwp@maromaes.com

(833) FOR-LIWP; M-F 9:00-4:00 pm PST

Resources Available

[Farmworker Housing Program Guidelines](#)

[Frequently Asked Questions](#)

La Cooperativa Campesina de California

MAROMA Energy Services

Current Funding Opportunities: SALC

Sustainable Agricultural Lands Conservation (SALC) Program

Strategic Growth Council

Program Description

SALC protects agricultural lands from conversion to more GHG-intensive uses by facilitating conservation easements and strategy plans, providing direct protection of at-risk lands.

Goal

To support California's need for agricultural conservation, economic growth, and sustainable development.

Application Process

Planning Grants: Pre-proposals worksheet; Application; Agreement template.

Acquisitions Grants: Pre-proposal worksheet; Acquisition application; Agreement template; CARB quantification methodology.

Funding Amount

Planning Grants: Up to \$250,000. Second tier of funding for planning grants, \$5000,000.

Acquisitions Grants: No maximum award amount

Application Timeline

Planning Grant Pre-Proposals: July 1st, 2021

Applications: September 10th, 2021

Contact

Virginia Jameson

SALCP@conservation.ca.gov

Resources Available

[SALC Fact Sheet](#)

[SALC Round 7 Guidelines](#) is now available.

SALC Round 7 application materials is coming soon: [How to Apply](#)

Current Funding Opportunities: CAP

Community Air Protection (CAP) Incentives

California Air Resources Board

Program Description

Incentive grants help owners of older, high-polluting vehicles and equipment replace them with newer models that have lower emissions, or zero emissions. CAP incentives also support infrastructure projects, stationary source projects statewide and unique Community Identified Projects (CIP) that are in AB 617 selected communities.

Goal

CAP Incentives reduce criteria pollutants, toxics and greenhouse gas emissions in Disadvantaged Communities, Low-Income Communities, and AB 617 communities.

Application Process

Applicants apply for incentives with the local air district, who reviews the project for eligibility based on the guidelines and ultimately selects the projects that receive funding based on local needs.

Funding Amount

The CAP Incentive program has been appropriated \$704 million, though individual grant amount vary based on the project.

Application Timeline

Check your local air district for full information regarding the application timeline

Contact

ab617incentives@arb.ca.gov

Resources

Stationary Source Projects, CIP, and administration requirements:

[CAP Guidelines](#)

Mobile Source and Infrastructure Projects:

[Moyer Guidelines](#)

Freight Equipment Projects:

[Prop 1B Guidelines](#)

Current Funding Opportunities: CVRP

Clean Vehicle Rebate Project (CVRP)

California Air Resources Board

Program Description

CVRP offers rebates of up to \$7,000 for the purchase/lease of new, eligible zero-emission vehicles, including electric, plug-in hybrid electric and fuel cell vehicles. California fleets and businesses can receive rebates for the purchase or lease of new, eligible zero-emission or plug-in hybrid light-duty vehicles.

Goal

To promote clean vehicle adoption in California.

Application Process

Online application via the CVRP Website, Eligibility: All CA residents and eligible fleets; Portion of funds reserves for DACs and Lower-income residents statewide.

Funding Amount

For individuals, up to \$7,000 per eligible vehicle; One rebate limit per person. For fleet rebates for businesses, up to one rebate per lifetime for up to \$4,500 per vehicle.

Application Timeline

Apply within 3 months of purchase/lease of an eligible vehicle and until rebate funds are exhausted.

Contact

cvrp@energycenter.org

English: 866-984-2532

Español: 866-550-8130

Resources Available

Full eligibility requirements:

cleanvehiclerebate.org/eng/eligibility-guidelines

[Fleet Vehicle Rebates](#)

Note: CVRP is currently out of funding and is holding a waitlist until FY 2021-2022 funds are allocated.

Waitlist can be found on [CVRP website](#).

Current Funding Opportunities: HVIP

Hybrid and Zero-Emission Truck and Bus Voucher Project (HVIP)

California Air Resources Board

Program Description

HVIP provides vouchers for California purchasers and lessees of zero-emission trucks and buses on a first-come, first-served basis.

Goal

To accelerate commercialization of zero-emission technologies by providing point-of-sale vouchers.

Application Process

HVIP has re-opened to new voucher requests starting today, June 8, 2021. Vouchers are available on a first come, first served basis and demand is expected to be high for the upcoming cycle. See the HVIP website for a list of participating dealerships and participation requirements.

Funding Amount

Variable according to vehicle type and “disadvantaged community” designation

Application Timeline

Re-opens today, June 8, 2021, 10 a.m. Pacific

Contact

info@californiahvip.org

HVIP toll-free hotline: 888-457-HVIP

Available M-F: 9am-5pm PST

Hablamos Español

Resources Available

<http://www.californiahvip.org>

CALSTART Funding Finder

Tool: fundingfindertool.org

Note:

Funding for HVIP is currently provided by the Air Quality Improvement Program instead of California Climate Investments.

Current Funding Opportunities: SAFER

Safe and Affordable Drinking Water Fund

California State Water Resources Control Board

Program Description

The Safe and Affordable Drinking Water Fund is a part of the Safe and Affordable Funding for Equity and Resilience (SAFER) Program. The SAFER Program helps water systems achieve the goal stated below through a set of tools, funding sources, regulatory authorities, and community outreach and education activities.

Goal

The SAFER program is designed to ensure that Californians who lack safe and affordable drinking water receive it as quickly as possible.

Application Process

Applicants should fill out the pre-application through Financial Assistance Application Tool (FAAST). From there, program staff can assist with the application process.

Applications are accepted year-round. Please check the SAFER website for further updates and information.

Funding Amount

No cap to funding amount.

Application Timeline

Accepted year-round

Contact

SAFER@waterboards.ca.gov

(916) 445-5615

faast.waterboards.ca.gov

Resources Available

[SAFER Website](#)

[Program Fact Sheet](#)

[FAAST Website](#)

Technical Assistance

DFA-TArequest@waterboards.ca.gov

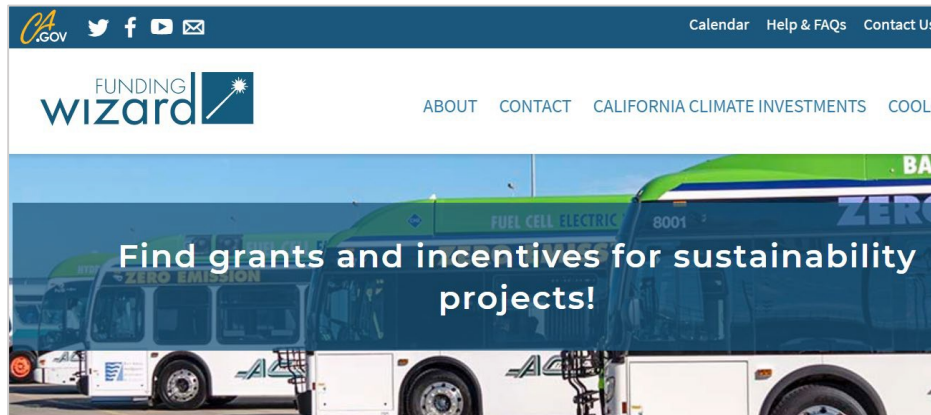
Searching for Funding Opportunities: Resources Beyond California Climate Investments

Funding Wizard

California Air Resources Board

Local, state, and federal grants, rebates and incentives for sustainability projects

fundingwizard.arb.ca.gov

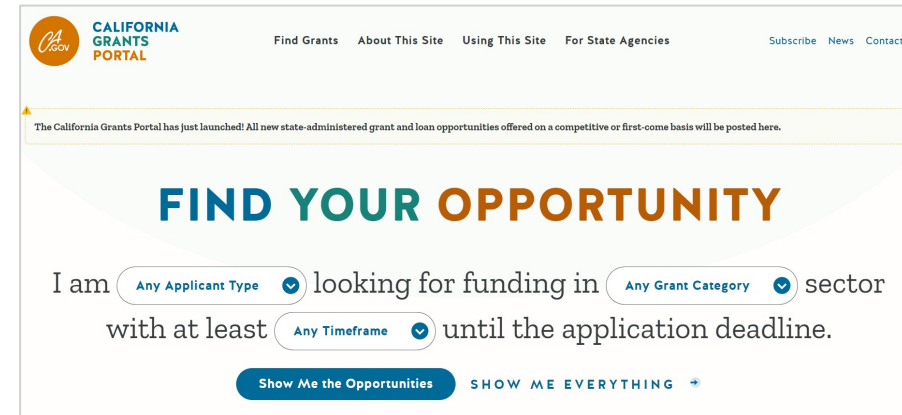


California Grants Portal

California State Library

California State grants and loans offered on a competitive or first-come basis

grants.ca.gov



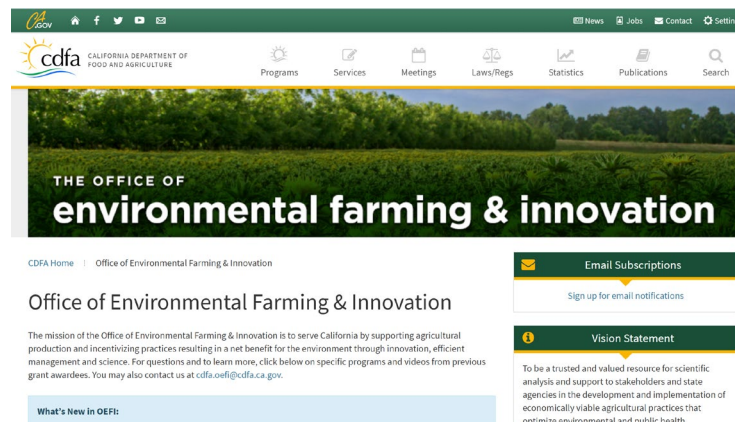
Searching for Funding Opportunities: Resources Beyond California Climate Investments

The Office of Environmental Farming & Innovation

California Department of Food and Agriculture

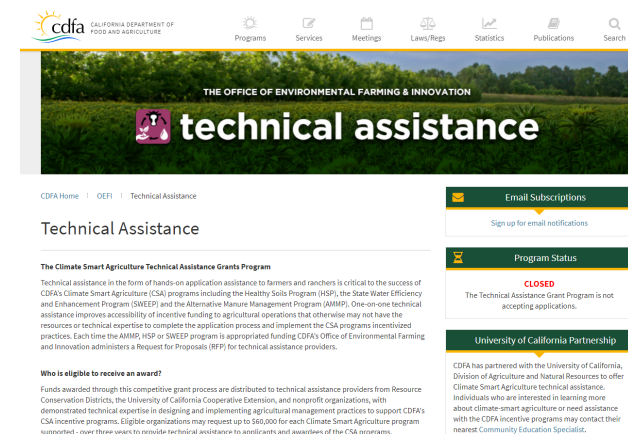
Supporting agricultural production and incentivizing practices resulting in a net benefit for the environment through innovation, efficient management and science.

cdfa.ca.gov/oefi



Technical assistance in the form of hands-on application assistance to farmers and ranchers is critical to the success of CDFA's Climate Smart Agriculture (CSA) programs.

cdfa.ca.gov/oefi/technical/



Upcoming Public Comment Opportunity: Fourth Investment Plan

The Investment Plan identifies priority investments that will help California achieve its greenhouse gas emission reduction goals while realizing additional health, economic, and environmental benefits. Investment recommendations identified in the Investment Plan do not guarantee funding but rather provide guidance to the Legislature on potential funding opportunities.

Draft for public comment and public workshops coming in late summer/early fall 2021:

[Investment Plan Website](#)

[Subscribe to our Listserve](#)

GGRFProgram@arb.ca.gov



State of California
Department of Finance



Exit Poll

1. I learned about a funding opportunity I would like to apply to, whether immediately or further down the road.

- Strongly Agree
- Agree
- Neither agree nor disagree
- Disagree
- Strongly Disagree

2. Would you like to be subscribed to the California Climate Investments bi-monthly newsletter?

- Yes
- No

Thank you!

Contact Us

California Climate Investments

caclimateinvestments.ca.gov

info@caclimateinvestments.ca.gov

Social Media: @CAClimateInvest



San Joaquin Valley Air Pollution District

Ryan Delmanowski

Ryan.Delmanowski@valleyair.org

<https://www.valleyair.org/Home.htm>

Harpos Organics

Allen Harthorn & Pamela Posey

pamela@buttecreek.org;

allen@buttecreek.org

Feedback Survey: <https://bit.ly/34RnyPz>