

Who is SAWPA?

SAWPA is a Watershed Agency Focused on Regional Water Issues

Formed originally in 1968 as a planning agency, the Santa Ana Watershed Project Authority (SAWPA) was created to help resolve interagency conflicts and address regional water issues in the Santa Ana River watershed. SAWPA tackles issues related to water supply reliability, water quality improvement, recycled water, wastewater treatment, groundwater management, and brine disposal.

SAWPA's Role

SAWPA Administers Multi-Agency Task Forces

SAWPA serves as an administrator for several Task Forces within the watershed through meeting facilitation, contract service administration, and Task Force Agreement coordination. Through collaborative processes, SAWPA creates value by building relationships among regulators, SAWPA members, and regulated parties that allow for economies of scale, reduced costs, or increased benefits in addressing water related issues; provides regional capacity and neutral venue for supporting multi-agency forum(s) to address the water resources challenges in the Santa Ana River Watershed; and assists in the establishment and on-going facilitation of stakeholder processes to address watershed-specific issues.

SAWPA Supports its Member Agencies and Other Organizations with Water Planning

SAWPA is a Joint Powers Authority of five member agencies that supports water resources planning: Eastern Municipal Water District, Inland Empire Utilities Agency, Orange County Water District, San Bernardino Valley Municipal Water District, and Western Municipal Water District. SAWPA seeks to create and facilitate partnerships with and between organizations pursuing shared interests and overall watershed sustainability. Our regional leadership provides a model of collaboration and cooperation utilizing integrated solutions. SAWPA's Mission is to:

- Facilitate communication
- Identify emerging opportunities
- Develop regional plans
- Secure funding
- Implement programs
- Build projects
- Operate and maintain facilities

The **Water-Energy Community Action Network** is one of our success stories – additional information about SAWPA programs can be found at www.sawpa.gov.

SAWPA Regional Planning Efforts

Middle Santa Ana River TMDL Task Force
Emerging Constituents Program Task Force
Basin Monitoring Program Task Force
Imported Water Recharge Workgroup
Regional Water Quality Monitoring Task Force
One Water One Watershed Program
Santa Ana Sucker Conservation Team
Lake Elsinore and Canyon Lake TMDL Task Force
Forest First
Arundo Habitat Management
Lake Elsinore & San Jacinto Watersheds Authority



WATER-ENERGY COMMUNITY ACTION NETWORK

The Water-Energy Community Action Network (WECAN) assists members of low-income communities in the watershed to save water and energy at home.

SAWPA Member Agencies

Learn More and Contact Information

The Water-Energy Community Action Network is one of our success stories – additional information about SAWPA programs can be found at:



<http://www.sawpa.gov/wecan/>



www.CAWaterLibrary.net



Contact Haley Gohari at wecan@sawpa.gov



What is the Program?

WECAN

WECAN is a program supported by the California Greenhouse Gas Reduction Fund to help the people of California adapt to climate change and mitigate their carbon emissions. This effort in the Santa Ana River Watershed is mirrored by an effort by the Local Government Commission in the greater Fresno area. The WECAN program supports low-income communities as they seek water and energy savings.

Problems to be Solved

Energy and Water Use in California

19%



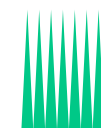
About 19% of all energy in California is used to move, treat, and heat water.

30%



In Southern California, up to 30% of all household water is wasted from inefficient outdoor watering.

#1



Turf grass is the number one crop by acre grown in the USA, yet is often purely ornamental and doesn't feed anyone.

60%



Residents can improve their water efficiency by up to 60% by installing efficient appliances and by replacing turf lawns with native or drought-tolerant landscapes.

What are the goals of the Program?

Help Low-Income Communities Adapt to Climate Change

Low-income communities are most vulnerable to climate change impacts. Though often already efficient with resources, low income communities are also least able to adapt to the changing conditions if it involves the purchase of new equipment or supplies.

In light of this, WECAN has three major objectives:

1. **Water Fixture Replacement**
2. **Front-Yard Lawn Replacement**
3. **Landscape Maintenance Training**

These programs are offered at no cost to participants.



Highlights of WECAN

Turf & Water-Fixture Replacement

No Cost to Residents

Expands Existing Conservation Programs

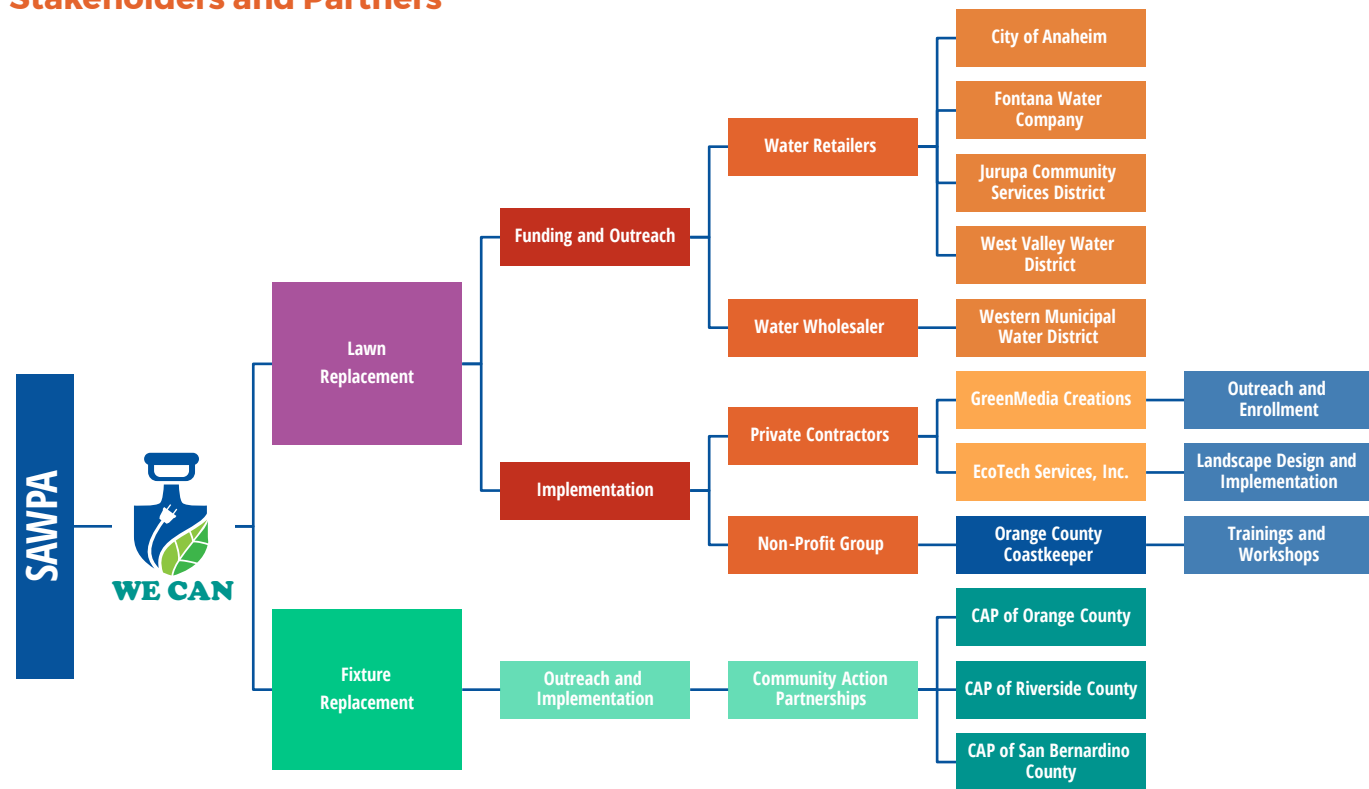
Private, Public, Community Outreach Partners

Benefit Overburdened Communities

Highlights Water-Energy Nexus

Who is in the Water-Energy Community Action Network?

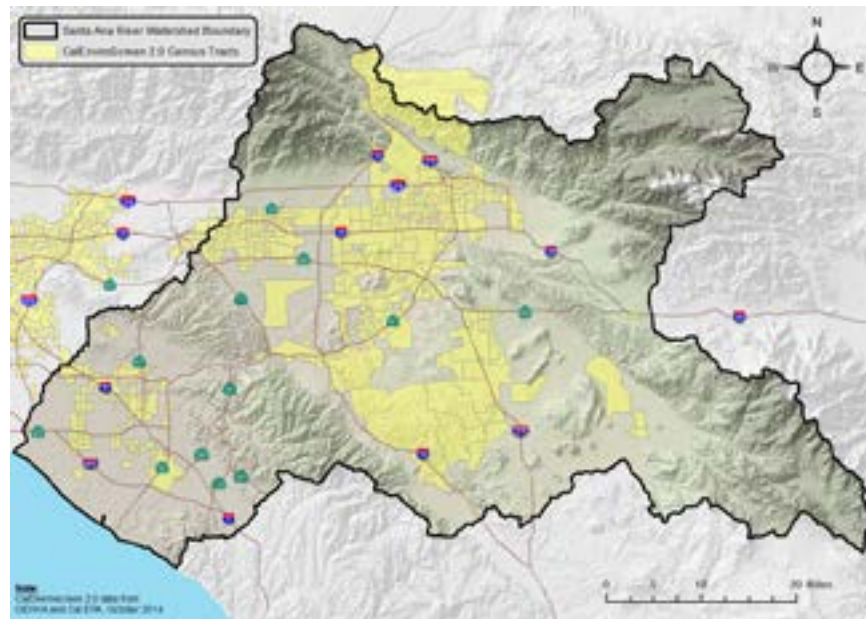
Key Stakeholders and Partners



Who Qualifies for WECAN?

CalEnviroScreen maps California communities that are most vulnerable to pollution. To qualify for the WECAN program, residents must live in a census tract identified by CalEnviroScreen 2.0 as having a score of 76% or higher. Over 23% of SAWPA's service area meets this criterion.

The lawn replacement component also requires that residents be a customer of one of the four partner water agencies (City of Anaheim, Fontana Water Company, Jurupa Community Services District, or West Valley Water District). To ensure that low-income community members directly benefit from lawn replacements, residents must own and occupy their house and must self-certify an annual household income below \$49,000.



Key Program Outcomes

Lower Water and Energy Bills

The key outcome of WECAN is assisting low-income communities reduce their water and energy use. Additional benefits include:

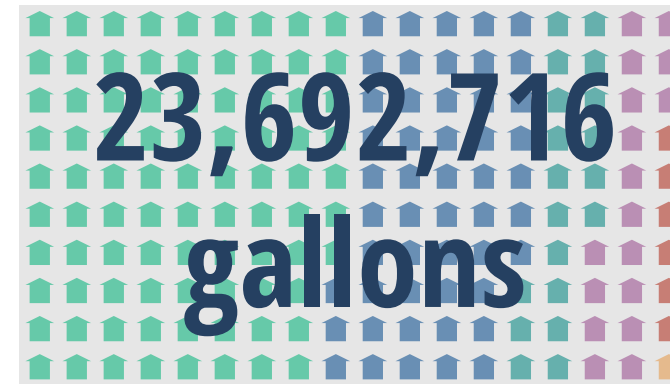
- Strengthened relationships and engagement in the Santa Ana River Watershed, and
- Enhanced community resilience.

Milestones Since Inception



Accomplishments: Water and Energy Savings

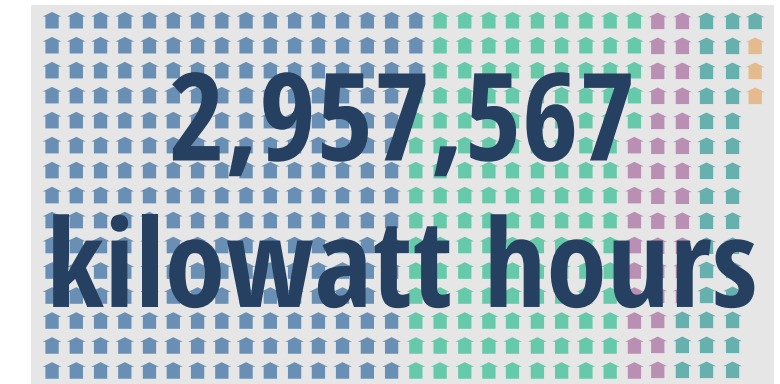
WATER Enough water is saved to provide over 180 families of 4 for an entire year!



Gallons of water saved per year per program

Turf Replacement	11,400,000	Toilets	747,520
Shower Heads	6,570,000	Water Heaters	90,392
Thermostatic Shut-off Valves	2,530,238	Water Heater Blankets	15,065
Faucet Aerators	2,299,500		

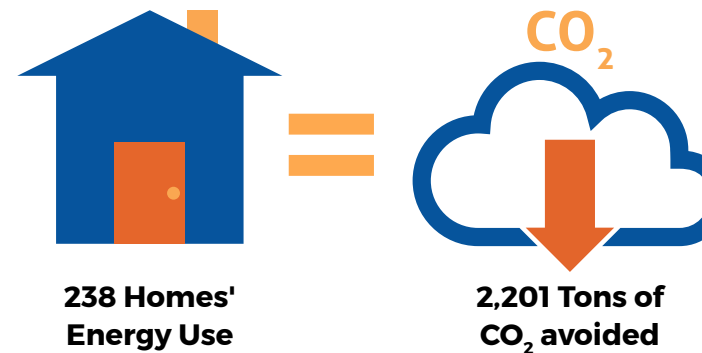
ENERGY Enough energy is saved to provide over 238 residences for an entire year!



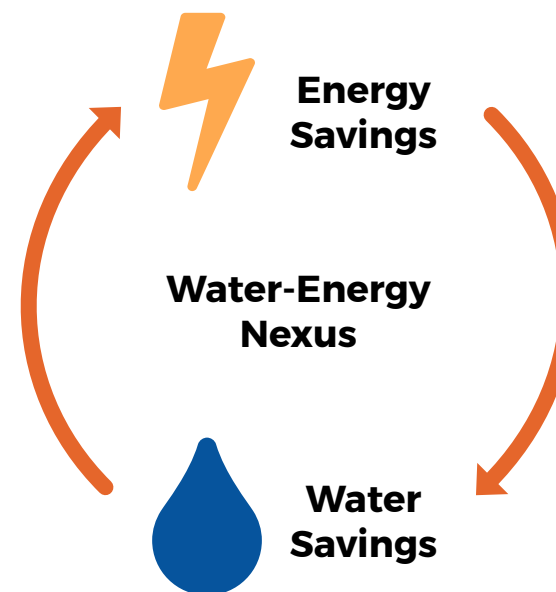
KWH saved per year per program

Shower Heads	1,538,939	Thermostatic Shut-off Valves	231,917
Water Heaters	914,163	Water Heater Blankets	14,943
Faucet Aerators	257,605		

In one year, energy savings can power 238 homes.



Savings may be greater due to the additional savings from the Water-Energy Nexus, where saving water saves energy and saving energy saves water.



During the Program

Over 2,100 water fixtures will be replaced

Fixture	Number Installed
HE Toilets	260
Low-flow Showerheads	450
Thermostatic Shower Valves	498
Faucets Aerators	450
HE Hot Water Heaters	390
Hot Water Heater Blankets	100

260,000 square feet of turf will be replaced with native, drought-tolerant landscaping by four partner water agencies.

