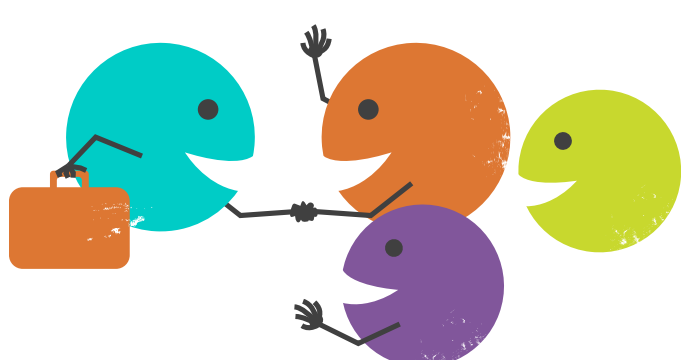


Making a Difference

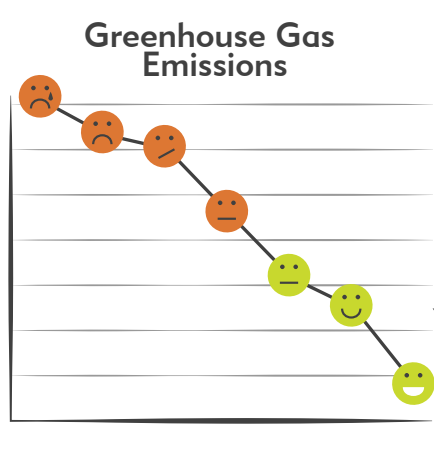
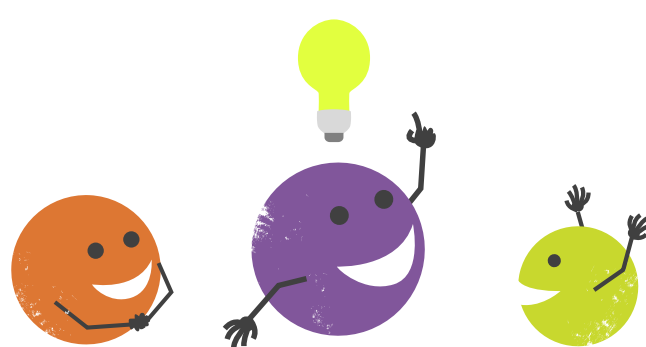
Smaller California Cities Collaborate for Energy Savings



Beginning in 2007, Strategic Energy Innovations (SEI) partnered with several small cities in the San Francisco Bay Area on an EPA-backed initiative, the **Small Cities Climate Action Partnership (ScCAP)**.

The project

was designed to discover how small cities with limited resources could find energy solutions by collaborating with one another.



The cities of the ScCAP

wanted to reduce their energy use, in part from a desire to make a difference in a state that is seeking to reduce greenhouse gas emissions. Some cities are developing Climate Action Plans (CAPs) to determine if they are on track.

The SEI team helped identify opportunities for savings and organize/assess the energy data of

7 Bay Area Cities:



ALBANY
pop. 18,539

EL CERRITO
pop. 23,549

PIEDMONT
pop. 10,667

SAN PABLO
pop. 29,139

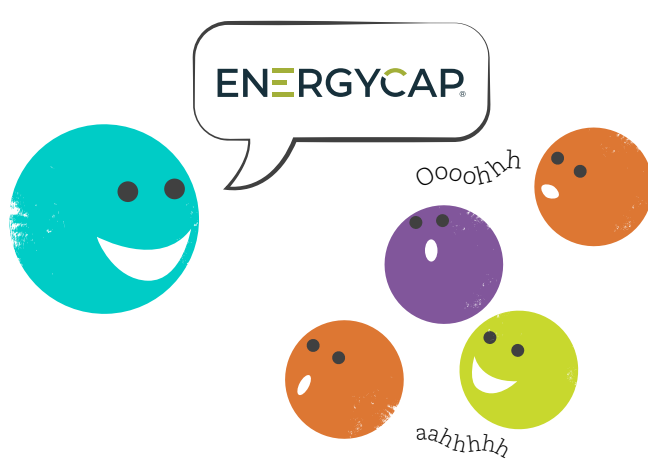
BENICIA
pop. 26,997

MORAGA
pop. 16,016

ORINDA
pop. 17,643

All ScCAP participants needed

- convenient energy data input
- access and archiving options
- intuitive database navigation features
- powerful benchmarking and reporting tools



SEI introduced the web-based version of EnergyCAP.

It provided these functionalities at a price amenable to program participants.



ScCAP energy managers used **EnergyCAP's Dashboard** to quickly get an overview of their managed facilities, identify energy intensive facilities, and to spot billing irregularities.

Benicia used EnergyCAP to discover opportunities for rate optimization for six facilities, saving the city **\$3000** per year with optimized electricity rates.

The ScCAP used EnergyCAP to generate **custom reports** to quickly visualize raw data into easily-grasped charts, tables, and graphs. Based on the visualizations, the cities identified potential energy savings projects.

San Pablo found that one of the Administration buildings had erratic energy usage.

The energy data prompted a building audit, the city maintained the building, and is moving forward on a **\$42,000** weatherization project expected to pay for itself in future energy savings.



SEI advised cities to develop "Reinvestment Mechanisms" to funnel savings from one energy project into future projects. EnergyCAP can provide the **measurement and verification** tools to help quantify these savings.

El Cerrito implemented lighting retrofits at most of its facilities as part of a Public Works program that reinvests dollar savings resulting from efficiency projects back into new energy and water efficiency projects.

By using EnergyCAP, El Cerrito staff has been able to demonstrate savings from cost avoidance based on their retrofits with hard numbers. The total comes to more than **\$20,000** in annual avoided costs

Using EnergyCAP, ScCAP participants were able to share their work, processes, and best practices to develop and/or implement their Climate Action Plans.

In addition, several of the ScCAP partners have initiated a state-wide network of small cities whose stakeholders communicate regularly about energy and climate issues for small cities.