

Sustainable Energy Roadmap

Advancing Resilient Valley Communities

03/24/15

Program Informational Webinar



www.sustainableenergyroadmap.com

Agenda

- Sustainable Energy Roadmap Overview
- Municipal Participant Benefits & Process
- SER Core Implementation Team
- City of Visalia Comments
- Q & A / Next Steps

www.sustainableenergyroadmap.com

Sponsored by Strategic Growth Council under the Sustainable Communities Planning Grant

- Proposition 84 state funding.
- Help local governments integrate strategies to reduce greenhouse gas emissions.
- Promote equity by bringing environmental justice communities into public planning.

www.sustainableenergyroadmap.com

Program Objectives

- Leverage an intentional process and set of tools to support Valley public agencies adopt and pursue clean energy and sustainable development goals.
 - Baseline and benchmark existing policies, standards & programs.
 - Identify local, relevant goals related to
 - Energy efficiency/ conservation
 - Solar/ renewable energy
 - Transportation and land use.
 - Design a roadmap for action that promotes long-term emissions reductions.
 - Provide a voice for EJ communities in planning and program adoption.

www.sustainableenergyroadmap.com

Municipal Partner Opportunity

- Jump-start the process to plan, adopt and launch critically needed policies and supportive programs.
- Leverage a proven approach and team of experts to design an action plan that can be addressed over time.
- Facilitate critical community dialog and active engagement.



www.sustainableenergyroadmap.com

SER Key Elements

- Environmental & energy benchmarking
- Tailored roadmaps that serve as action plans
- Goal setting tied to regional/ national best practices
- Policy, program and project resources and tailored assistance
- EJ community engagement and services
- Partnerships with regional industry and workforce development organizations
- Online Roadmap platform and recognition
- Municipal partner \$5K program stipend (*available to first 18 sign-ups*)



www.sustainableenergyroadmap.com

SER Process*

1. Complete a baseline/ benchmark survey of existing municipal policies, processes and practices.
2. Identify local goals tied to best practices and informed by community input.
3. Obtain municipal commitments then codify goals in a roadmap that is publicly accessible.
4. Provide for updates and recognition on how participating agencies are advancing on goals.

** Local agencies to expend approximately 60 hours of staff time to engage in SER.*

www.sustainableenergyroadmap.com

Building on a Tested Model



- [Approach](#)
- [Programs](#)
- [Activity Map](#)
- [Resources](#)
- [News](#)
- [Who We Are](#)
- [Contact](#)



A Smart Energy Planning Framework for Communities

The Clean Energy Roadmap enables local governments and utilities to identify and pursue cost-effective policies and programs to encourage smart approaches to energy use.



Energy Efficiency

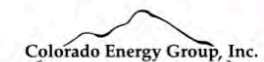


Renewable Energy

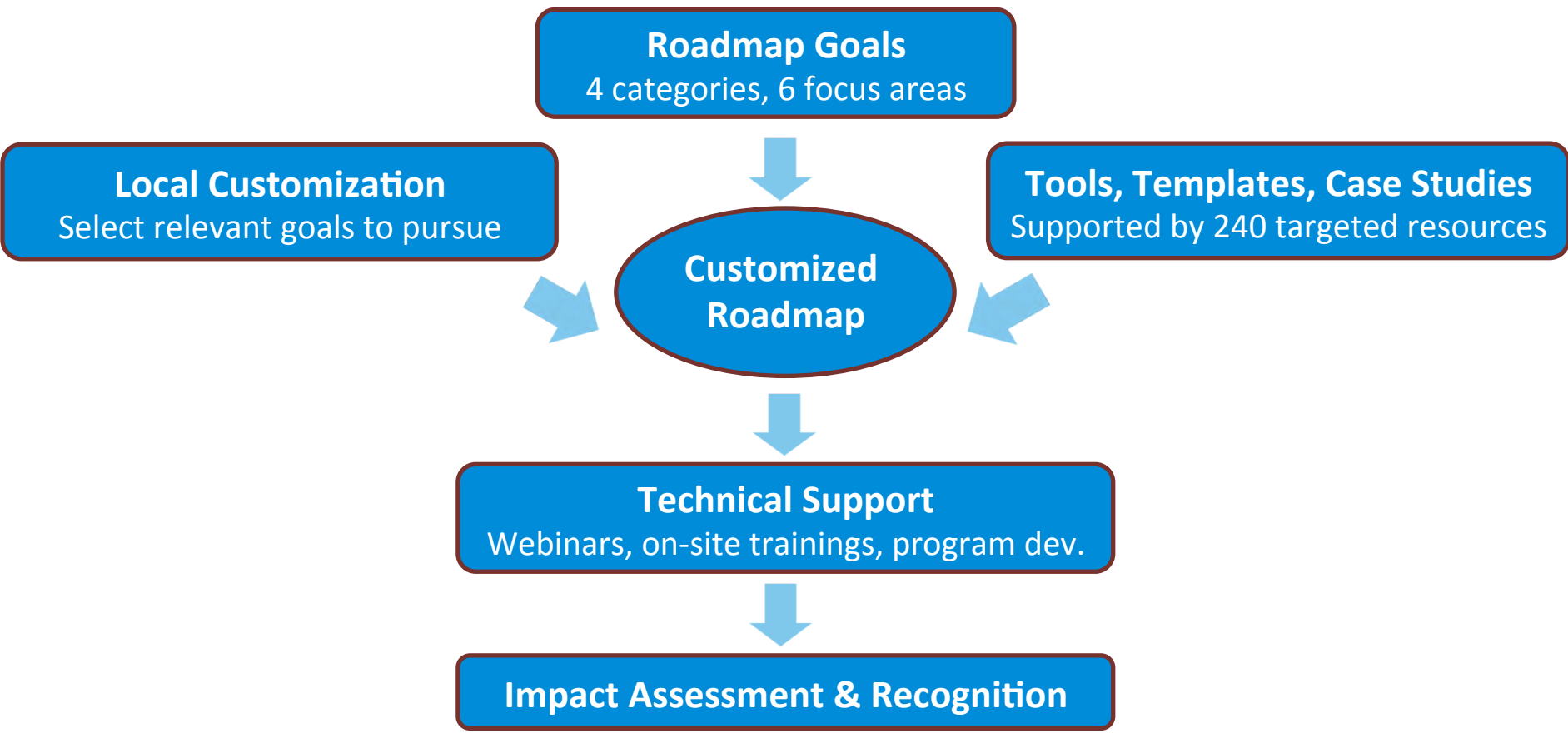


Clean Transportation

www.sustainableenergyroadmap.com



Roadmap Framework



www.sustainableenergyroadmap.com

Community Landing Pages

Approach Programs Activity Map Resources

Sustainable Energy Roadmap in California's San Joaquin Valley

An 18-month effort focused on supporting Valley communities in their pursuit of goals related to smart growth, transportation, land use, climate and energy.

[Read more >>](#)

What is the Clean Energy Roadmap?

The Clean Energy Roadmap provides a comprehensive framework for local governments and electric utility supply. Our platform enables users to set specific policy and deployment goals related to global best practice energy, and clean transportation. Our curated resource library is available to the entire globe and offers it

Energy
Doing more with less energy means cost savings, increased comfort, and a more secure electricity grid. Energy efficiency is the most cost-effective strategy for commercial building owners to reduce energy usage and associated operating expenses, while also increasing occupant comfort and employee productivity. When combined with on-site renewable energy generation, demand-side management, and energy storage, commercial buildings can achieve deep reductions in grid energy usage.

Renewable Energy
Generating clean power from renewable energy sources comes with many economic and environmental benefits. Once building energy efficiency measures have been implemented, the remaining energy consumption needs can be satisfied using a portfolio of on-site renewable energy technologies, such as solar PV, solar water heating, small wind turbines, geothermal heat pumps, and bioenergy. The economic viability of renewable energy projects will depend on external factors, such as utility rate schedules and local market conditions.

Transportation & Land Use
Transportation is critical to the movement of people and goods, as well as providing access to services. However, the transportation sector constitutes one of the primary end-uses of energy in communities across the country. Finding creative ways to reduce vehicle miles traveled (VMT) is proving to be a significant challenge, but also fosters an environment for new innovations. The environmental impact of their transportation systems cities can improve.

Social Equity
Social equity is a critical component of smart energy and transportation planning. It aims to address the needs and environmental impacts of all community members, and to improve the economic well-being of all.

Global Visibility

Clean Energy Roadmap™

City of Fremont, CA

POWERING THE CITY OF FREMONT WITH CLEAN ENERGY

The City of Fremont has joined a growing number of cities and communities across the nation that are spearheading the adoption of cutting-edge renewable energy and energy efficient technologies. By leveraging its customized Clean Energy Roadmap tool that helps local decision-makers identify and implement strategies to maximize energy efficiency and renewable energy as well as reduce energy usage, Fremont has the power to generate new economic opportunities and secure an improved quality of life for its residents and businesses.

The City of Fremont is already advancing clean energy in the community in a number of ways:

- Committed to a 25% reduction in greenhouse gas emission by 2020 as a part of its 2012 Climate Action Plan.
- Installed a total of 11.5 MW of solar power as of March 2014.
- Doubling the number of publicly accessible electric vehicle chargers under the Bay Area Charge Ahead Project.
- Quarterfinalists in the Georgetown University Energy Prize, a national competition promoting ambitious energy conservation in communities.

Below, residents and businesses can find more information about local policies and programs, financial incentives for clean energy technologies, as well as a link to the City's Clean Energy Roadmap, a blueprint for achieving its clean energy goals.

Energy & Climate Profile

214,089 people	77 square miles
70% energy efficiency goal	1,006 MW renewable energy goal
25% carbon reduction goal	Mediterranean Climate
Pacific Gas & Electric	Pacific Gas & Electric
6 MW renewable energy deployed to date	

Clean Energy Potential

The City of Fremont's Climate Action Plan sets a goal to reduce community-wide greenhouse gas emissions 25% below 2005-levels by 2020. The Plan identifies actions the City will take in order to maximize energy efficiency and reduce energy usage, including deployment of clean energy technologies. Below are the clean energy potential highlights for Fremont:

25% energy efficiency reduction potential	30 MW renewable energy deployment potential
35,000 MWh renewable energy generation potential	72,500 tonnes carbon reduction potential (CO2)
1,826 equivalent acres of trees planted (CO2 offset)	476 job creation potential (job-years)

Roadmap Goals and Progress [\(back to summary\)](#)

The template roadmap displayed below contains an illustrative sample of objectives that San Joaquin Valley communities may elect to pursue. For up-to-date information about policies and programs in your community, please visit your city or town's customized landing page on the Sustainable Energy Roadmap.

Energy Efficiency

Doing more with less energy means cost savings, increased comfort, and a more secure electricity grid. Energy efficiency is the most cost-effective strategy for commercial building owners to reduce energy usage and associated operating expenses, while also increasing occupant comfort and employee productivity. When combined with on-site renewable energy generation, demand-side management, and energy storage, commercial buildings can achieve deep reductions in grid energy usage.

Renewable Energy

Generating clean power from renewable energy sources comes with many economic and environmental benefits. Once building energy efficiency measures have been implemented, the remaining energy consumption needs can be satisfied using a portfolio of on-site renewable energy technologies, such as solar PV, solar water heating, small wind turbines, geothermal heat pumps, and bioenergy. The economic viability of renewable energy projects will depend on external factors, such as utility rate schedules and local market conditions.

Transportation & Land Use

Transportation is critical to the movement of people and goods, as well as providing access to services. However, the transportation sector constitutes one of the primary end-uses of energy in communities across the country. Finding creative ways to reduce vehicle miles traveled (VMT) is proving to be a significant challenge, but also fosters an environment for new innovations. The environmental impact of their transportation systems cities can improve.

Social Equity

Social equity is a critical component of smart energy and transportation planning. It aims to address the needs and environmental impacts of all community members, and to improve the economic well-being of all.

Customized Roadmaps

www.sustainableenergyroadmap.com

Community Landing Page

The screenshot displays the 'Community Landing Page' for the Sustainable Energy Roadmap. The page is divided into several key sections:

- City of Fremont, CA:** Features the 'POWERING THE CITY OF FREMONT WITH CLEAN ENERGY' initiative, highlighting the city's adoption of renewable energy and energy-efficient technologies. It lists achievements such as a 25% reduction in greenhouse gas emissions by 2020 and the installation of 11.5 MW of solar power.
- Roadmap:** A central section with a prominent 'CLICK HERE TO ACCESS ROADMAP Publicly Available' button. It lists key areas: Permitting Process, Planning & Zoning, Financing Options, and Solar Market Development.
- Resources:** Includes logos for 'Think Green', 'EAST BAY energy watch', and the 'City of Fremont Climate Action Plan'. It details 'Regional Clean Energy Financing Programs & Incentives' such as CaliforniaFIRST, Pacific Gas & Electric incentives, Clean Vehicle Rebate Project, CHF Residential Energy Retrofit Program, PowerSaver Loan Program, and GRID Alternatives.
- Energy & Climate Profile:** Provides statistics for the City of Fremont: 214,089 people, 77 square miles, 1,006 MW renewable energy goal, and a 25% carbon reduction target. It also notes the city's use of Pacific Gas & Electric.
- Clean Energy Potential:** States the city's goal to reduce community energy consumption by 25% and increase clean energy deployment by 30 MW.
- Roadmap Goals and Progress:** A sidebar section detailing four main goals:
 - Energy Efficiency:** Focuses on reducing energy consumption through measures like LED lighting, smart thermostats, and energy audits.
 - Renewable Energy:** Aims to leverage clean power from renewable energy sources to reduce greenhouse gas emissions.
 - Transportation & Land Use:** Emphasizes the importance of public transit, walking, and biking to reduce vehicle miles traveled.
 - Social Equity:** Seeks to ensure that clean energy benefits are distributed equitably across all communities.

www.sustainableenergyroadmap.com


Roadmap & Categories

[back to summary](#)


Roadmap Goals and Progress

The template roadmap displayed below contains an illustrative sample of objectives that San Joaquin Valley communities may elect to pursue. For up-to-date information about policies and programs in your community, please visit your city or town's customized landing page on the Sustainable Energy Roadmap.


- Energy Efficiency**




Doing more with less energy means cost savings, increased comfort, and a more secure electricity grid. Energy efficiency is the most cost-effective strategy for commercial building owners to reduce energy usage and associated operating expenses, while also increasing occupant comfort and employee productivity. When combined with on-site renewable energy generation, demand side management, and energy storage, commercial buildings can achieve deep reductions in grid energy usage.
- Renewable Energy**



Generating clean power from renewable energy sources comes with many economic and environmental benefits. Once building energy efficiency measures have been implemented, the remaining energy consumption needs can be satisfied using a portfolio of on-site renewable energy technologies, such as solar PV, solar water heating, small wind turbines, geothermal heat pumps, and bioenergy. The economic viability of renewable energy projects will depend on external factors, such as utility rate schedules and local market conditions.
- Transportation & Land Use**



Transportation is critical to the movement of people and goods, as well as providing access to services. However, the transportation sector constitutes one of the primary end-uses of energy in communities across the country. Finding creative ways to reduce vehicle miles traveled (VMT) is proving to be a significant challenge, but also fosters an environment for new innovative solutions. By decreasing the environmental impact of their transportation systems cities can improve regional air quality and reduce their carbon footprint.
- Social Equity**



Social equity is a crucial component of sustainable development. The Sustainable Energy Roadmap aims to develop smart energy and sustainable development policies and programs at the local level that reflect the needs and priorities of target communities, reduce its businesses' and residents' energy prices and environmental impacts, improve the economy and generate new jobs.

- **Energy Efficiency**
 - Building envelope, lighting, HVAC, demand side management
- **Renewable Energy**
 - Solar PV, solar water heating, wind, geothermal, bioenergy, energy storage
- **Transportation**
 - Public transit, active transportation, fleet mgmt., controls measures, smart growth strategies
- **Social Equity**

www.sustainableenergyroadmap.com

Goal Setting, Guidance, & Resources


Roadmap Goals and Progress

The template roadmap displayed below contains an illustrative sample of objectives that San Joaquin Valley communities may elect to pursue. For up-to-date information about policies and programs in your community, please visit your city or town's sustainable roadmap page on the Sustainable Energy Roadmap.

[back to summary!](#)


Energy Efficiency

Doing more with less energy is the most cost-effective way to reduce energy consumption. Associated operational costs combined with energy-efficient buildings can achieve significant savings.



Renewable Energy


Generating clean power from renewable energy sources comes with many economic benefits. Once building energy efficiency measures have been implemented, the consumption needs can be satisfied using a portfolio of on-site renewable energy. PV, solar water heating, small wind turbines, geothermal heat pumps, and biomass renewable energy projects will depend on external factors, such as utility rates and local conditions.



Policy	Current Progress: 1 of 2 goals achieved	50%	
Permitting	Current Progress: 2 of 4 goals achieved	50%	
Planning & Zoning	Current Progress: 1 of 3 goals achieved	33%	
Financing	Current Progress: 2 of 3 goals achieved	67%	
Market Development	Current Progress: 1 of 3 goals achieved	33%	
Workforce Development	Current Progress: 0 of 1 goals achieved	0%	


Transportation & Land Use

Transportation is a critical component of the transportation system. Finding creative ways to foster an environment that supports a sustainable transportation system.



Social Equity

Social equity is a crucial component of sustainable development. The Sustainable Energy Roadmap aims to develop smart energy and sustainable development policies and programs at the local level that reflect the needs and priorities of target communities, reduce its businesses' and residents' energy prices and environmental impacts, improve the economy and generate new jobs.



Planning & Zoning

Current Progress: 1 of 3 goals achieved

[Z1] Require new residential construction to be built "solar ready", with easy plumbing access for solar water heating and pre-wiring for solar photovoltaics.

Guidance: Adopt a municipal ordinance which requires new residential construction to meet pre-plumbing and pre-wiring requirements for solar water heating systems and solar photovoltaic systems. Ordinance can update the building code, or expand permitting requirements to include solar-ready buildings.

Goal Achieved!

[Take Action](#)

[Z2] Update zoning code to establish and expand allowed use zones for renewable energy systems.

Guidance: Update zoning code to specify where renewable energy systems are considered allowed use in order to eliminate special reviews and lengthy permitting processes. Establish design requirements (such as setbacks, height limits, noise limits, and lot use) to protect property owners' ability to install renewable energy systems. Consider widening scope of eligible technology.

[Z3] Provide guidance for renewable energy upgrades in historic buildings.

Guidance: Develop guidelines and special plan review processes for energy efficient renewable energy installations in historic buildings that protect property owners' ability to improve their building's energy performance. Allow staff member to review and approve permits before requiring a committee or planning commission review.

Essential Resources

1. **Zoning Ordinance for Wind Turbine Systems in San Diego County, CA**
Author: San Diego County
2. **California State Standards for Wind Energy Systems**
Author: California State Legislature
3. **Geothermal Zoning Ordinance in Warwick, PA**
Author: Township of Warwick
4. **Renewable Energy Ordinance in Fremont, CA**
Author: City of Fremont
5. **Solar Zoning Policy in Chicago, IL**
6. **Solar Zoning Ordinance and Height Exemption in Los Angeles, CA**
Author: City of Los Angeles
7. **Bioenergy Facilities Special Use Standards in Sonoma County, CA**
Author: Sonoma County

www.sustainableenergyroadmap.com

Targeted Resources

Essential Resources

1. Zoning Ordinance for Wind Turbine Systems

The San Diego County Zoning Ordinance defines wind turbine requirements, minimum parcel size, development standards (turbines) for each size wind turbine are provided. Prior to removal, financial surety for removal. The County created the following:

[Click to Download](#)

Source: San Diego County, Ordinance No. 10073, Amending the Large Wind Turbine System. Published 9/15/10. Available at: [/search?q=Ordinance+No.+10073+Amendment+to+San+Diego+County+Large+Wind+Turbine+System&ie=utf-8&oe=utf-8#](#).

Roadmap Goal: [Z2] Update zoning code to establish and expand allowed use zones for renewable energy systems.

Description: Zoning code updates and ordinances that specify where renewable energy systems are considered an allowed use eliminate potentially lengthy zoning permitting processes that may deter property owners from considering on-site renewables. Clearly defined zoning and use regulations enable local governments to better manage renewable energy market development and minimize negative impacts, while also eliminating uncertainty for project developers.

2. California State Standards for Wind Energy Systems

California's 2001 Assembly Bill 1207 established statewide standard provisions related to the permitting and use of small wind energy systems, in order to promote their use and remove any significant obstacles. Local ordinances may not impose conditions on the installation of small wind energy systems that are more restrictive than the requirements and conditions outlined in the law.

Source: California State Legislature, California Assembly Bill No. 1207. Available at http://www.leginfo.ca.gov/pub/01-02/bill/asmb_1201-1250/ab_1207_bill_20011007_chaptered.html.

3. Geothermal Zoning Ordinance in Warwick, PA

This ordinance from the Township of Warwick in Pennsylvania amends its zoning code to allow for closed-loop geothermal systems in certain zones.

[Click to Download](#)

Source: Township of Warwick, Ordinance No. 263. Available at http://www.warwicktownship.org/sites/warwickpa/files/file/file/ordinance_263.pdf.

4. Renewable Energy Ordinance in Fremont, CA

In 2012, the City passed a Renewable Energy Ordinance, now codified in Chapter 18.185 of the Municipal Code, to implement policies of the General Plan to facilitate renewable energy production, energy conservation, and greenhouse gas emissions reductions. In particular, the Renewable Energy Ordinance provides specific use allowances and flexibility in permitting for solar and wind energy systems, as well as other emerging technologies.

Source: City of Fremont, Fremont Municipal Code Chapter 18.185. Available at <http://www.codepublishing.com/CA/Fremont/7/Fremont18/Fremont18185.html>.

ORDINANCE NO. 10073 (NEW SERIES)

AN ORDINANCE AMENDING THE SAN DIEGO COUNTY ZONING ORDINANCE RELATED TO SMALL, MEDIUM AND LARGE WIND TURBINE SYSTEMS

The Board of Supervisors of the County of San Diego ordains as follows:

Section 1. The Board of Supervisors finds and determines that wind power is an important renewable source of energy and the Zoning Ordinance should be amended to revise references to State law, allow additional turbines under the Medium Wind Turbine System regulations and add findings for approving Medium Wind Turbine Systems. The ordinance is consistent with existing State laws that encourage the construction of wind energy systems to conserve energy. The amendments made by this ordinance are intended to set forth reasonable standards and procedures for the installation and operation of Wind Turbine Systems to improve and enhance public welfare and safety, and to implement the Energy Element of the San Diego County General Plan.

Resource Library

The Clean Energy Roadmap offers the first comprehensive, publicly-accessible resource library that will help transform your local clean energy market. The library is composed of hundreds of resources and tools from a variety of respected public and private industry sources, which are organized by focus area and fully indexed to search by keyword. Residents, businesses, governments, utilities, and industry stakeholders can easily find information on relevant policies, programs, case studies and best practices.

Search for resources in our comprehensive [Resource Library](#).

-or-

Search for resources by energy type:



Features & Contents

- Searchable by energy technology type and keyword
- Permitting and inspection checklists
- Renewable energy-friendly ordinances and zoning codes
- Solar-ready/green building guidelines
- Financing resources & incentives
- Consumer education & awareness
- Case studies and action toolkits



www.sustainableenergyroadmap.com

Simple Sign-up



**Participant
Agreement**



**Benchmarking
Survey**

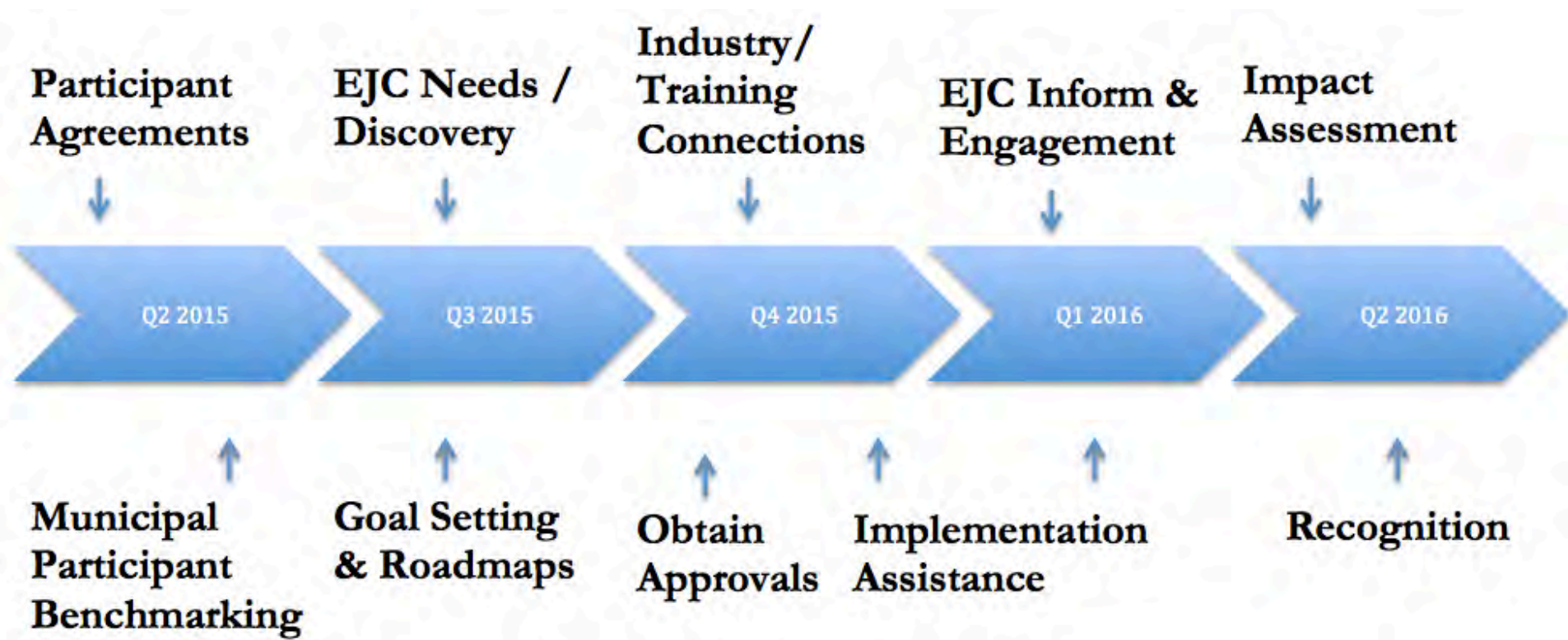


Goal Setting



www.sustainableenergyroadmap.com

SER Timeline



www.sustainableenergyroadmap.com

SOCIAL EQUITY AND ENVIRONMENTAL JUSTICE CONNECTIONS

www.sustainableenergyroadmap.com



SOCIAL EQUITY FOCUS

	Municipalities	EJCs
GOALS & OBJECTIVES	How to address clean energy and sustainable development goal setting, policy and program adoption?	How to have a voice in the planning process, to access critical information, resources?
NEEDS & CHALLENGES	<p>Local agencies are being required by law, natural and economic realities interest to take action.</p> <p>Municipal staff face time, budget and information barriers to engage in a best practice informed, public participatory planning process.</p>	<p>EJC communities are the most vulnerable to climate and economic shocks (e.g.: water, air, jobs).</p> <p>Residents and business often lack information, champions and pathways for contributing to the public discourse and the access to resources for taking action.</p>

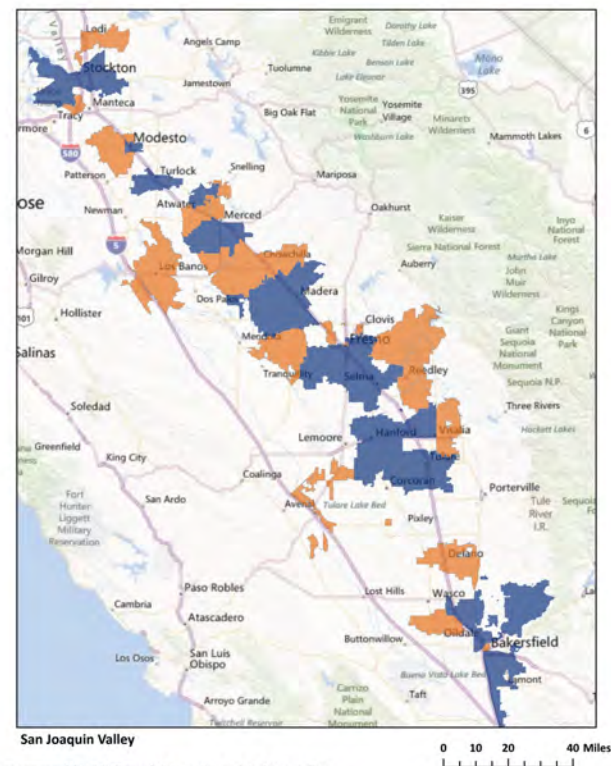
www.sustainableenergyroadmap.com

Connections with EJ Communities

- Partnering with key local/ regional EJ community stakeholders
- EJ community education and vetting of proposed new policies
- Access to resources for compliance
- Partnerships with green employers and regional workforce development

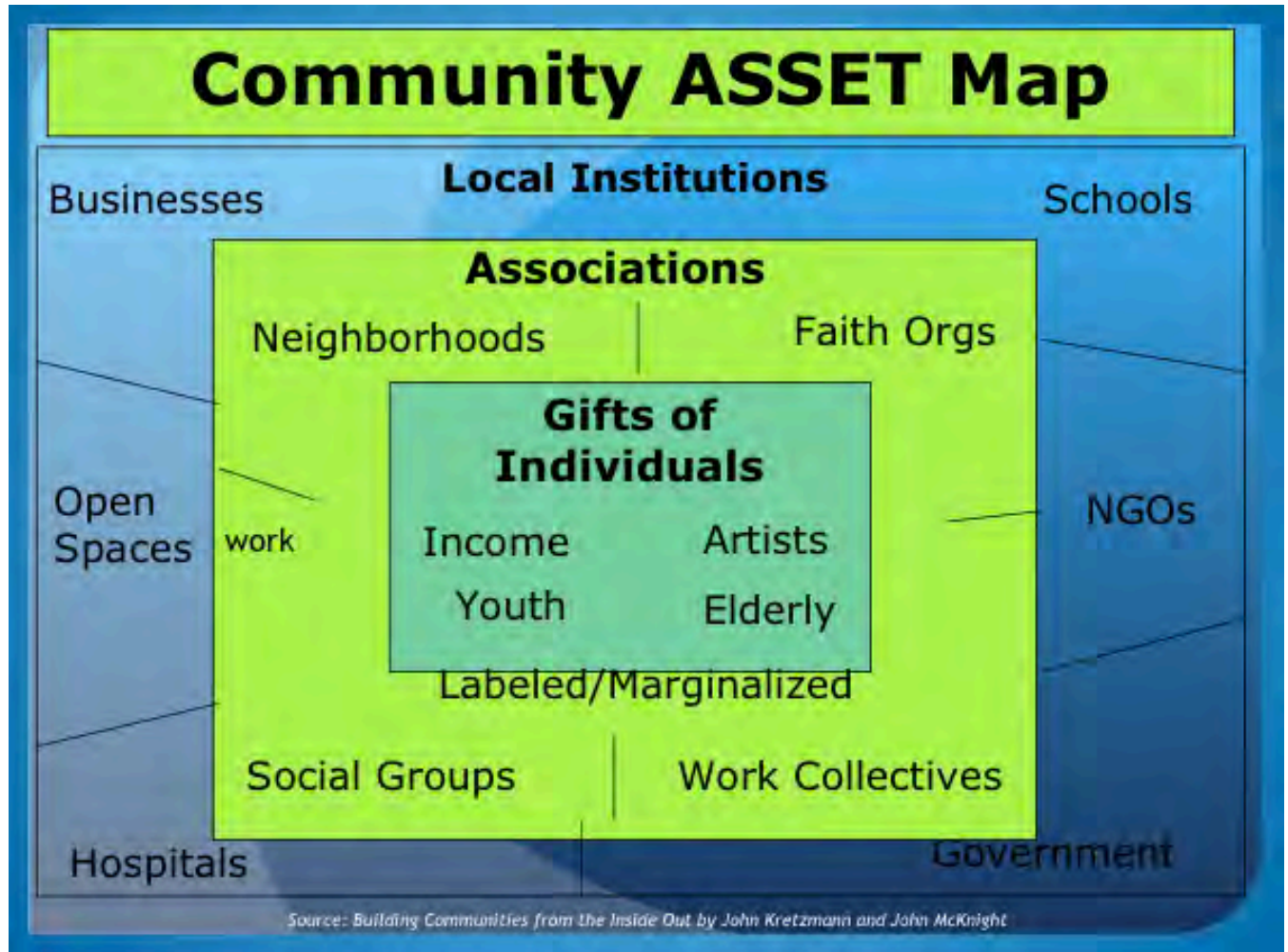
CalEnviroScreen
1.1 Results

■ Top 5% of Statewide ZIP codes
■ Top 6 - 10% of Statewide ZIP codes



www.sustainableenergyroadmap.com

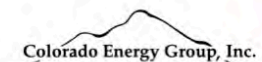
Asset Based Community Development



www.sustainableenergyroadmap.com

SER CORE TEAM

www.sustainableenergyroadmap.com



Strategic Energy Innovations

SEI develops and delivers solutions customized to help communities accomplish their sustainability goals through green building, clean energy, resource efficiency and support of a local and qualified green workforce. We're a certified green business, community-based nonprofit organization committed to empowering under-served markets:

- Local governments;
- Small and rural communities;
- Affordable housing providers and residents;
- Small businesses;
- Schools, colleges, and universities



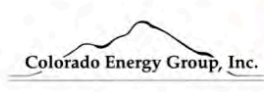
www.seiinc.org

SJV Regional Policy Council

- The San Joaquin Valley Regional Policy Council builds regional consensus on issues of Valley importance. The Council is positioned to have a unique and potentially pivotal position to further Valley collaborative efforts and to improve the quality of life for all Valley residents.
- The Policy Council provides guidance on common interregional policy issues and also represents the San Joaquin Valley at public forums such as the California Transportation Commission, with the Governor and his administration, as well as the State and Federal legislative bodies that require a common voice from the San Joaquin Valley.

www.sjvcogs.org

www.sustainableenergyroadmap.com



MCTC

- The Madera County Transportation Commission (MCTC) and each of its member agencies (Cities of Chowchilla and Madera and Madera County) are considering long-term County-wide housing, transportation, and land use alternatives; taking a big picture look at how Madera County can grow over time in a way that uses natural resources wisely, protects existing communities and the environment, conserves farmland and open space, and supports the Madera County economy.

www.maderactc.org

www.sustainableenergyroadmap.com

Optony, Inc.

Optony develops and deploys clean energy best practices across the entire project lifecycle for government agencies, schools, banks and commercial organizations. Optony has been involved in over 3GW of project activity globally from strategy to project commissioning.

Optony creates and manages national-scale projects for clean energy market transformation including a variety of projects for the Department of Energy under the SunShot Initiative.



*Award Winning
Pubic Sector Project*



*Award Winning
Pubic Sector Project*



*Multiple Grant-Winner for
Solar Market
Transformation*



*Best of Silicon Valley
Recognition for Energy
Services*

"Optony's consulting service is a must-have for any organization considering an investment in solar. Based on Optony's comprehensive analysis and recommendations, we now have a low-risk, high-return solar strategy."

NARC

- The National Association of Regional Councils (NARC) serves as the national voice for regionalism by advocating for regional cooperation as the most effective way to address a variety of community planning and development opportunities and issues.
- NARC's member organizations are composed of multiple local governments that work together to serve American communities – large and small, urban and rural. NARC's agenda includes, but is not limited to, transportation, economic and community development, environment, homeland security and regional preparedness, and a variety of community issues undertaken by its member organizations.

www.narc.org

www.sustainableenergyroadmap.com

CEG

- The Colorado Energy Group, Inc. (CEG) facilitates solutions to complicated energy-related sustainability issues via best practice integration, exhaustive stakeholder analysis, human asset mapping and strategy development. CEG is known for community-focused clean energy technology market analyses, especially in the Western United States. CEG's President George Burmeister has provided clean energy policy advice to private and public sector leaders for more than two decades, concentrating his efforts on the optimum combinations of energy efficiency and renewable energy technologies, practices and policies. CEG is headquartered in Boulder, Colorado and also has offices in Dallas, Texas and San Francisco and Stockton, California and Washington, D.C. CEG was founded in 1997.

www.coloradoenergygroup.com

www.sustainableenergyroadmap.com



Participant Experience:

THE CITY OF VISALIA

LEE JOHNSON

NATURAL RESOURCE CONSERVATION ANALYST

www.sustainableenergyroadmap.com

The City of Visalia

- The City of Visalia is the oldest San Joaquin Valley town between Los Angeles and San Francisco. Visalia staff and elected officials have demonstrated significant leadership in the areas of energy and resource conservation. Serving as a key member of the Valley Energy Watch Partnership with SCE, Visalia staff continue to set an example for the region through municipal actions to support solar energy, resource efficiency and smart land use. The City has adopted a climate action plan that incorporates a host of measures and strategies designed to meet ambitious greenhouse gas emissions reduction targets.

www.ci.visalia.ca.us

www.sustainableenergyroadmap.com

Next Steps

- Follow-up to learn more
- Complete SER participation agreement & benchmarking survey
- Select and implement goals

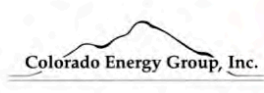


**Sustainable Energy Roadmap (SER)
Municipal Partner Agreement**

www.sustainableenergyroadmap.com

Q&A DISCUSSION

www.sustainableenergyroadmap.com



SER Contacts

www.SustainableEnergyRoadmap.com

Stephen Miller

Strategic Energy Innovations

(415) 507-2186

Stephen@seiinc.org

Michael Sigala

SJ Valley Regional Policy Council

(559) 266-6222

Michael@sigalainc.com

www.sustainableenergyroadmap.com