

# Sustainability and Climate Action Plan



# What is Environmental Sustainability?











# RANCHO CUCAMONGA

## sustainability + climate action plan

Special Council Workshop | December 16, 2015





# Workshop Agenda

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- Project Background
- Overview of Project Tasks
- Community Involvement Process
- Environmental Sustainability Efforts in Progress
- Facilitated Discussion

# Project Background



# Background

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- Grant provided by SCAG to develop:
  - Sustainability Action Plan + Climate Action Plan (S/CAP)
  - Conduct Community Engagement
- Consultant team hired through competitive bid process:
  - Raimi + Associates
    - Fehr & Peers (sub-consultant)
    - Brendle Group (sub-consultant)
- Project will align with other planning efforts:
  - Rancho Cucamonga 2010 General Plan
  - SANBAG GHG Inventory + GHG Reduction Plan
  - Healthy RC Strategic Plan

# Similar Efforts in Nearby Communities



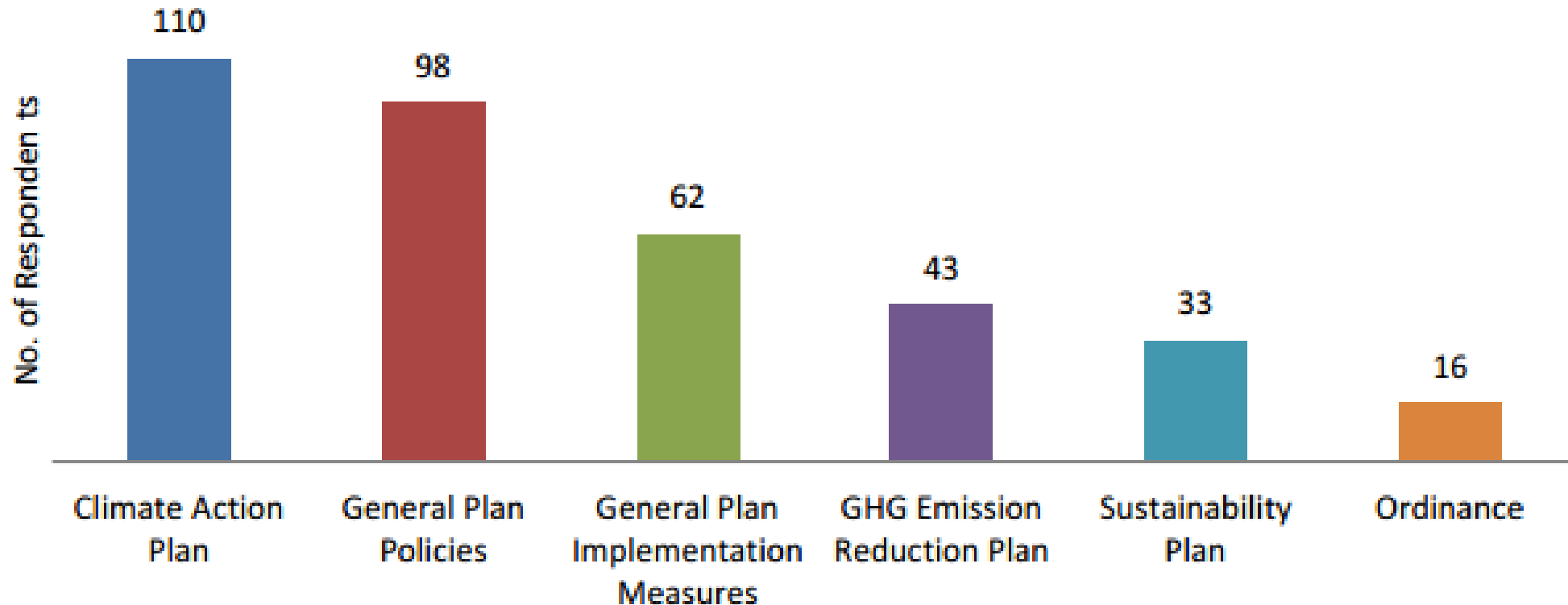
Efforts also underway in:

- Fontana
- Chino Hills
- Pomona





# California Communities Addressing Sustainability



Source: California Office of Planning and Research, 2013.

# Purpose of the Sustainability Action Plan

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- Serves as the broad community vision for sustainability
- Provides a roadmap for future sustainability efforts
- Expresses the sustainability, economic, and health benefits of sustainability strategies
- Consistent with Rancho Cucamonga General Plan

***It is not a State mandate and is not required to have mandatory actions.***

# Purpose of the Climate Action Plan

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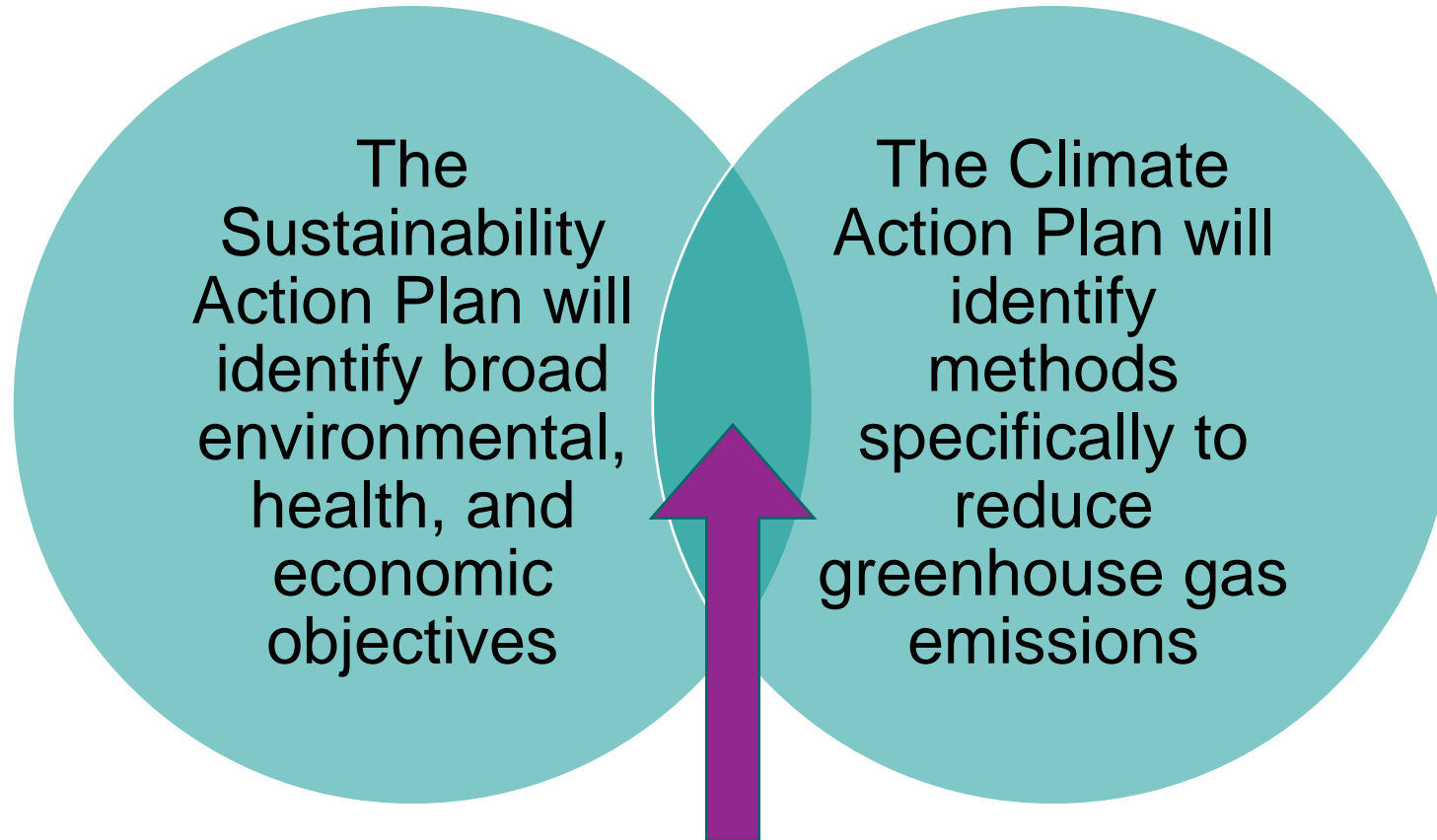
- Outlines specific activities to reduce GHG emissions
- Builds upon data gathered by GHG Inventories
- Identifies activities that can achieve greatest emission reductions in a cost effective manner

***It is not a State mandate and is not required to have mandatory actions.***



# Relationship between SAP and CAP

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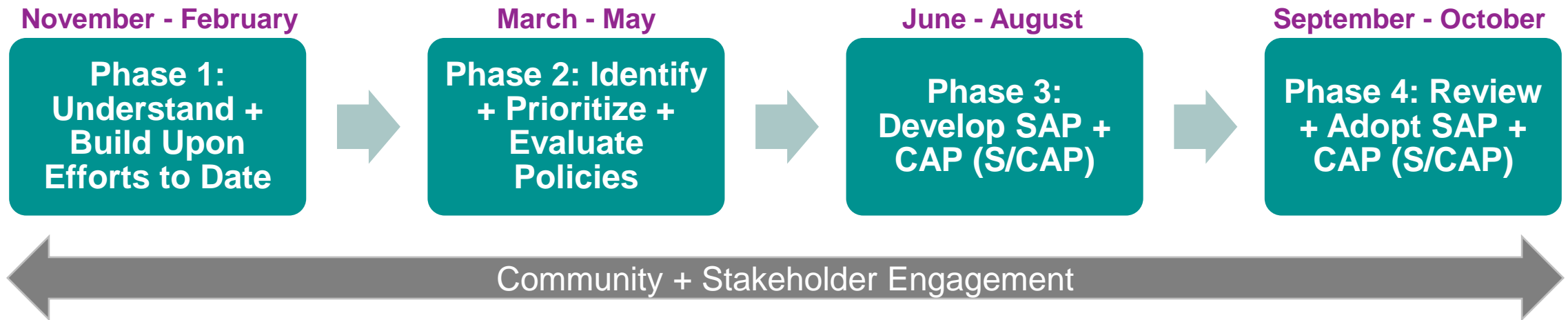


Many of the strategies to enhance sustainability will simultaneously reduce greenhouse gas emissions

# Overview of Project Tasks



# Tasks + Process



- 12 month schedule (November 2015 - October 2016)
- Community engagement in each phase
- Ongoing involvement with key City staff, stakeholders & City Council



# Understanding + Building Upon Efforts to Date



## Chapter 1: An Introduction to the Rancho Cucamonga General Plan

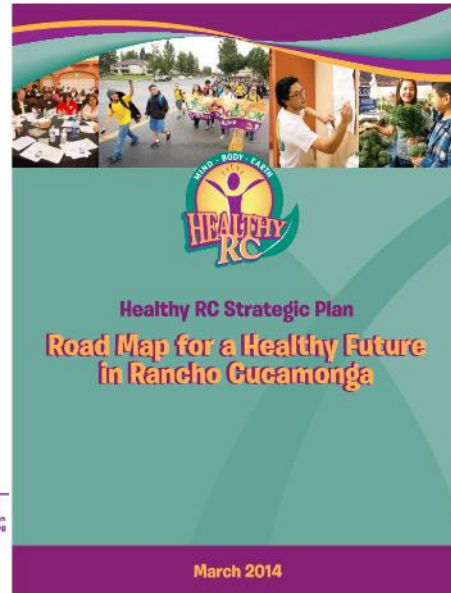
RANCHO CUCAMONGA GENERAL PLAN

### Our City, Our Future

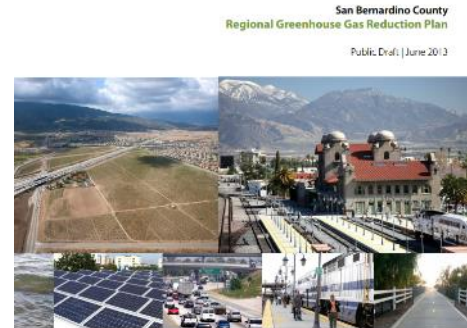
Located at the base of the San Gabriel foothills, with majestic views of Cucamonga and Ontario Peaks, Rancho Cucamonga is like no other community in the Inland Empire. Rancho Cucamonga has a strength of spirit and a cohesive vision shared by residents, businesses, and City leaders. This community spirit and our vision for a city that will continue to evolve and set examples for others to emulate is evident in our neighborhoods, our parks, our commercial and business centers, and in the ways we celebrate our heritage. This General Plan captures that spirit and establishes the policies and strategies we will pursue to keep Rancho Cucamonga a complete city, a great city in which to live, work, and play.

Rancho Cucamonga's spirit of heritage stems from its history as a collection of three small communities: Cucamonga, Alta Loma, and Elmerita. The area thrived on the agricultural fruits of citrus and grapes. This history is celebrated today through public art, evocative architecture, and well-preserved historic places. Historic Route 66 (Foothill Boulevard) traces across town, contributing to the nostalgia of the well-known and romanticized highway that still resonates with residents today.

For more about the City's history, please see the Historic Resources section under Chapter 2: Managing Land Use, Community Design, and Historic Resources.



March 2014



Address:	Location:	Prepared for:
Big Bear Lake	Ontario	San Bernardino Associated Governments (SABAG)
Chico	Rancho Cucamonga	1170 W. 2nd Street, 2nd Floor
Chowchilla	Redlands	San Bernardino, CA 92410-1715
Dixon	Rialto	Contact: Steve Smith, Director of Planning
Fountain	San Bernardino	
Glendora	Fontana/Redlands	
Highland	Upland	
La Habra	Temecula	
Redlands	Thousand Oaks	

Prepared by:  
K2 International  
620 Folsom Street, Suite 200  
San Francisco, CA 94102  
Contact: Bob Wilson (415) 674-7162



February 2013

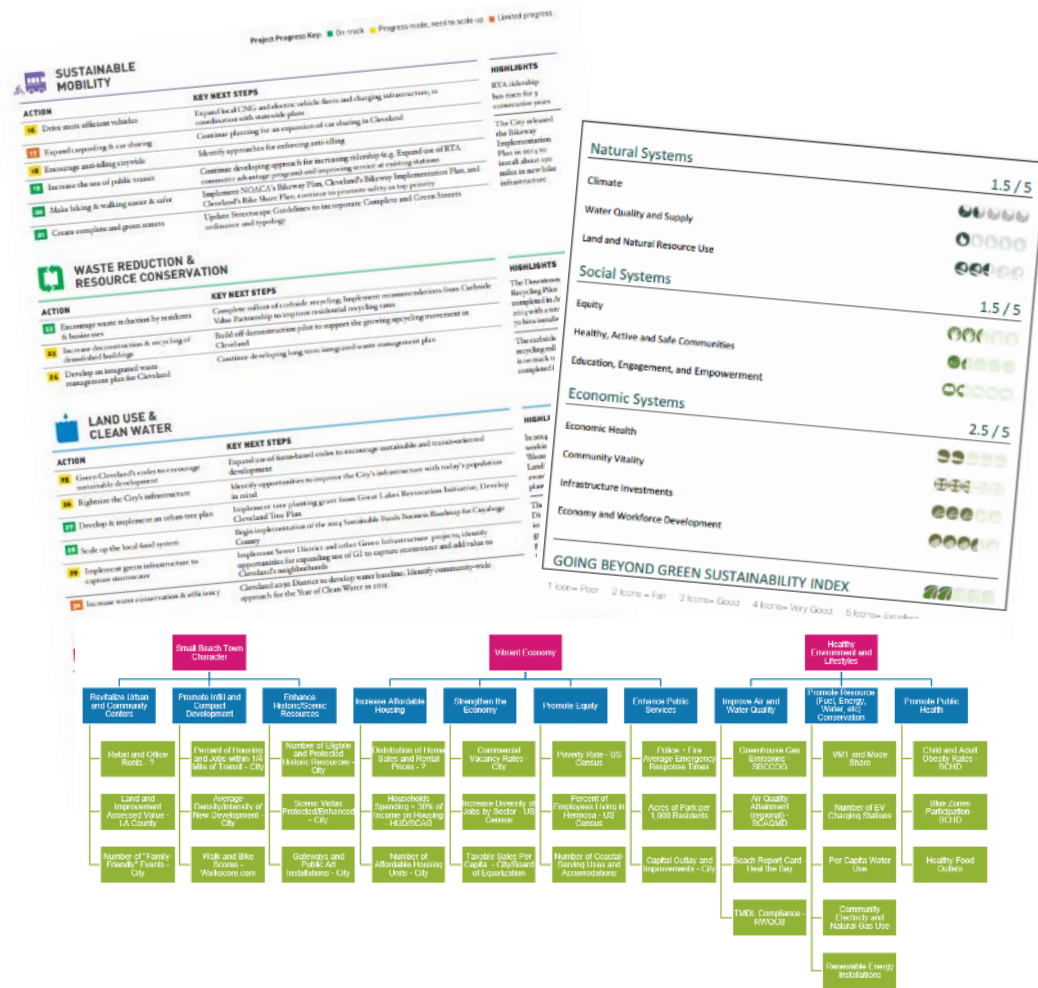
South Coast Air Quality Management District  
Clearing the air that we breathe.™



- Kick-Off Meeting
- Review + Analysis of Pertinent Documents
- Initial Meetings with City Council, Interdepartmental Advisory Group, Task Force and Community

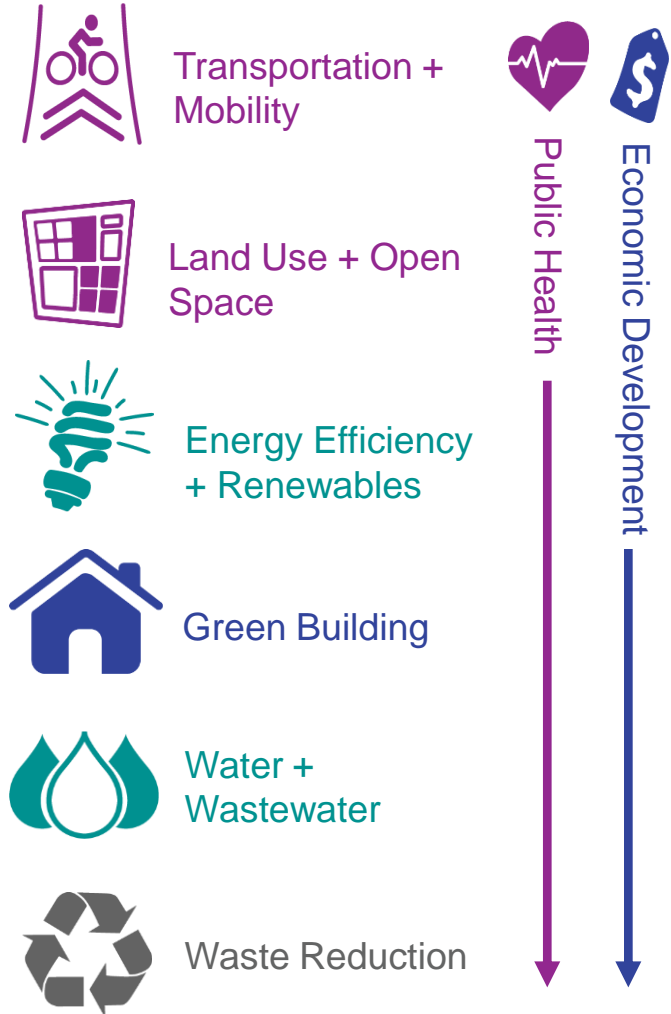
# Identify + Prioritize + Evaluate Policies

- Triple Bottom Line Evaluation + Sustainability Index
  - Environmental
  - Economic
  - Health
- Goal + Policy Prioritization
- Subsequent Meetings with: Interdepartmental Advisory Group, Task Force, Community



# Develop, Review, Adopt S/CAP

- Outline + Format
- Draft S/CAP, including:
  - Goals, Policies, Actions
  - Best Practice Highlights
  - Implementation Program
  - Monitoring + Tracking
- Final Round of Meetings with:  
Interdepartmental Advisory Group,  
Task Force, Community, City Council



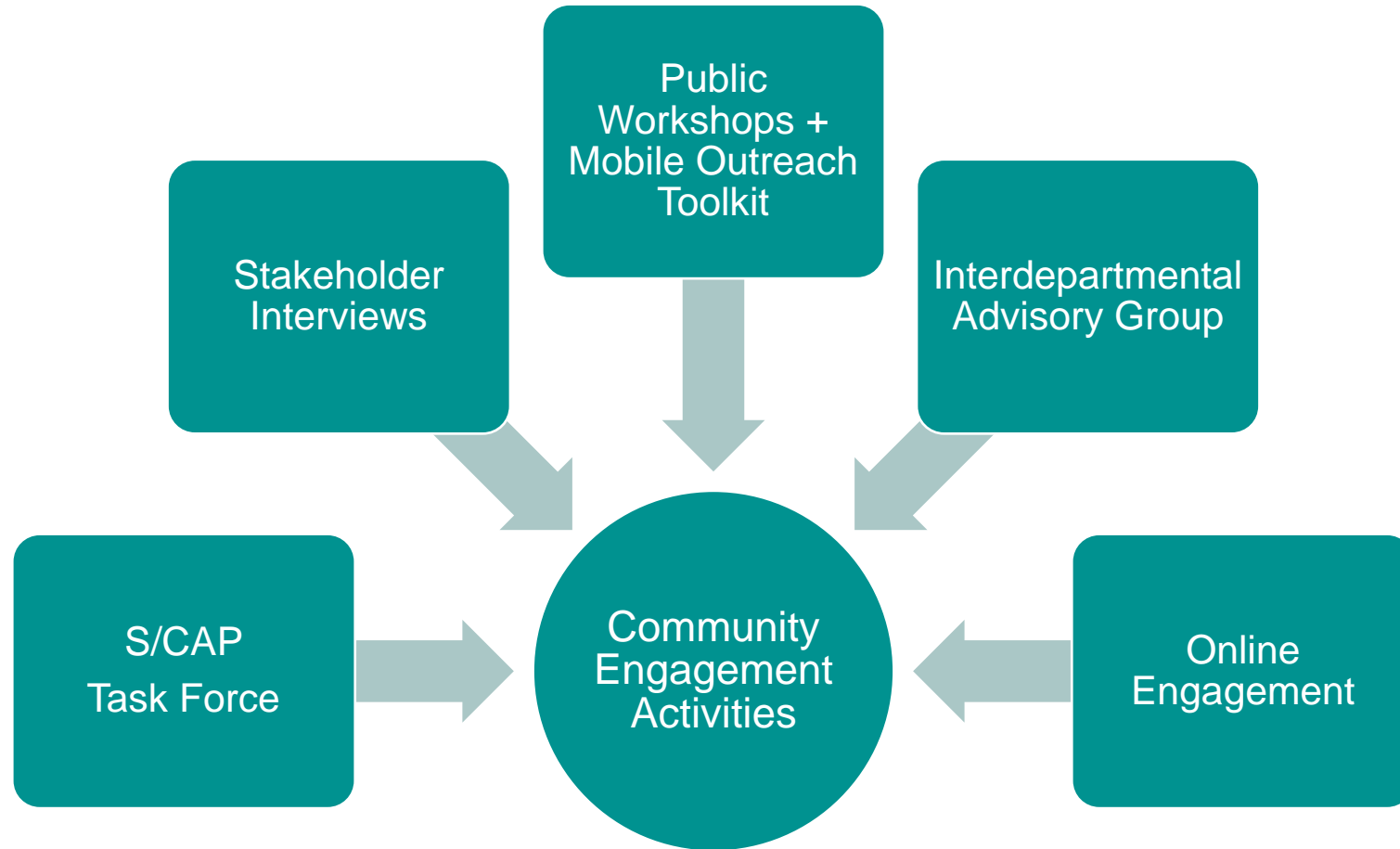


# Community Involvement Throughout the Process



# Community + Stakeholder Engagement

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# Sustainability + Climate Action Plan Task Force

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- Approximately 20-25 members from local agencies, community organizations, and businesses
- Will meet at various phases throughout the process
- Task Force members serve a role in helping to develop the plan
- Members will help to prioritize policies, programs, and other strategies to include in the S/CAP

# Stakeholder Interviews

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- Interviews with local stakeholders
- Purpose will be to evaluate current sustainability efforts and help prioritize the implementation of future efforts

1<sup>st</sup> round of interviews  
with city staff and  
organizations involved  
in advancing  
sustainability efforts

2<sup>nd</sup> round of interviews  
with the City's policy  
makers including Council  
Members and Planning  
Commissioners



# Public Workshops + Events

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- Public events will be conducted to engage the public in the planning process during each stage of the planning process

Introduce the  
project to the  
community

Gather feedback  
and ask to  
prioritize policies  
and programs

Request input  
and feedback on  
the draft S/CAP



Materials from each event will be packaged to create a mobile outreach toolkit that will be used for additional events.

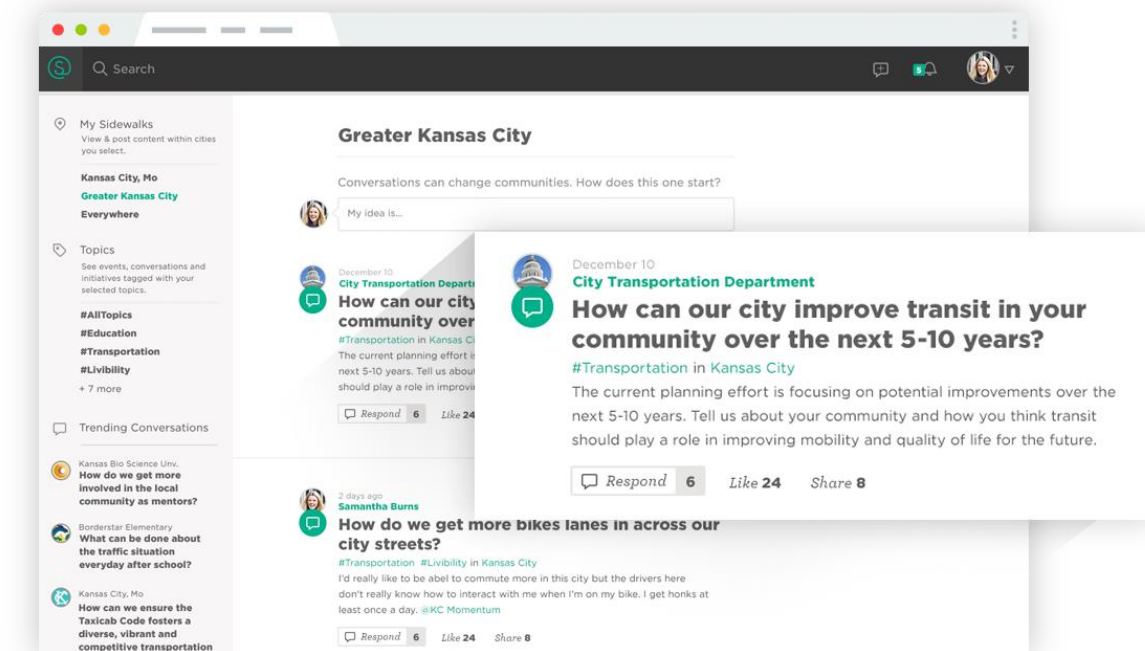
# Interdepartmental Advisory Group

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- Comprised of City staff from various departments
- Meets periodically during each key milestone
- Serves as a technical resource and provides guidance
- Build capacity for plan implementation

# Online Engagement

- Online resources will be used to engage the community
- Key questions and content will be posted during each phase
- Online engagement will offer an alternative method for the community to provide input



# Environmental Sustainability Efforts in Progress





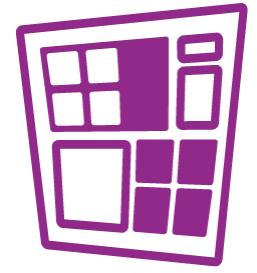
# Transportation + Mobility



## **Rancho Cucamonga Policies, Completed Activities, and Projects:**

- Circulation Master Plan for Bicyclists & Pedestrians
- Complete Streets Ordinance
- Expansion of municipal “green” fleet with Alternative Fuel vehicles and fueling infrastructure
- Safe Routes to School Program (SRTS)
- Electric Vehicle (EV) Charging Stations (10 citywide)
- RCPD electric on-off road motorcycles
- Streamlined EV Charger permitting process
- Tesla Superchargers at Victoria Gardens
- Parks and Trails Master Plan
- Pacific Electric (PE) Trail Master Plan
- Bike lockers at various locations (i.e. Metrolink)
- I-15/Base Line Interchange Project
- Bicycling and Trail Guide
- Encourage Bus Rapid Transit (BRT)
- Haven Grade Separation project

# Land Use + Open Space



## **Rancho Cucamonga Policies, Completed Activities, and Projects:**

- Participation in SANBAG Regional Greenhouse Gas (GHG) Inventory, Forecast and GHG Reduction Plan
- Adoption of 2010 General Plan
- SCAG Compass Blueprint Project - West Foothill Boulevard
- Tree City USA Designation – 26 years
- Economic Development Strategic Plan
- Community Gardens and Farmers' Market Ordinance
- Cucamonga Canyon conservation
- Green Valley Initiative

# Energy Efficiency + Renewables



## **Rancho Cucamonga Policies, Completed Activities, and Projects:**

- Solar Installation Project at five city facilities
- Renewable Energy at three city facilities
- Cool California City Designation
- SolarRC streamlined solar permitting process and reduced fees
- Home Energy Makeover contest
- Replacement of incandescent traffic lights with higher efficiency LEDs
- Energy Network partnership
- RCMU Renewable Energy rebate program
- RCMU Play and Learn Island (PAL)
- RCMU energy efficiency rebate program
- RCMU Ice Bear energy units
- RCMU Direct Savings Program for commercial customers
- RCMU Renewable Portfolio Standard Policy
- Library Kill-a-Watt program
- Partnership for a Greener Northtown
- Open Property Accessed Clean Energy (PACE) Program (i.e. HERO)

# Green Building



## **Rancho Cucamonga Policies, Completed Activities, and Projects:**

- Green Purchasing Ordinance
- Adoption of 2012 Development Code
- Green Building Ordinance
- Corporate Yard green building features
- Environmentally friendly cleaning products in janitorial services contracts
- Institute for Local Government Beacon Sustainability Recognition Award Program
- Home Improvement Energy Efficiency Revolving Loan Program
- City Hall HVAC Upgrade
- Retrofit City Hall outdoor lights with LED
- Ready RC program



# Water + Wastewater



## **Rancho Cucamonga Policies, Completed Activities, and Projects:**

- Implemented recycled water for irrigation (1.5 million square feet of space)
- 58,769 square feet of turf replaced/removed at parks and city facilities
- Street medians converted to drought tolerant landscaping
- Installed rain shut off devices on irrigation controllers
- 34% reduction in municipal water usage
- Computerized irrigation control system
- Tree trimming mulching program
- Drought Emergency Proclamation

# Waste Reduction



## **Rancho Cucamonga Policies, Completed Activities, and Projects:**

- Green Business Recognition Program
- Food waste pilot program
- CTRL Tree Campaign – paper waste reduction
- Accela paperless permitting program
- Expanded Polystyrene Ban
- Construction and Demolition Diversion Program
- Quakes Baseball “Recycle Tuesdays” program
- New Household Hazardous Waste Facility
- Oil Recycling Program
- Home-Generated Sharps program
- Citywide commingled recycling and green waste programs
- Healthy RC Green Living Guide
- Rubberized pavement grant program

# Facilitated Discussion



# Facilitated Discussion Questions

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1. What is the City or community already doing well that you would like to build upon to encourage environmental sustainability?



# Facilitated Discussion Questions

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2. What do you feel are the most pressing sustainability issues affecting communities?

# Facilitated Discussion Questions

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3. Are there any additional organizations we should include in the community engagement process?

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# Questions?