

Climate Action Plan City Council Public Hearing

City of El Cajon

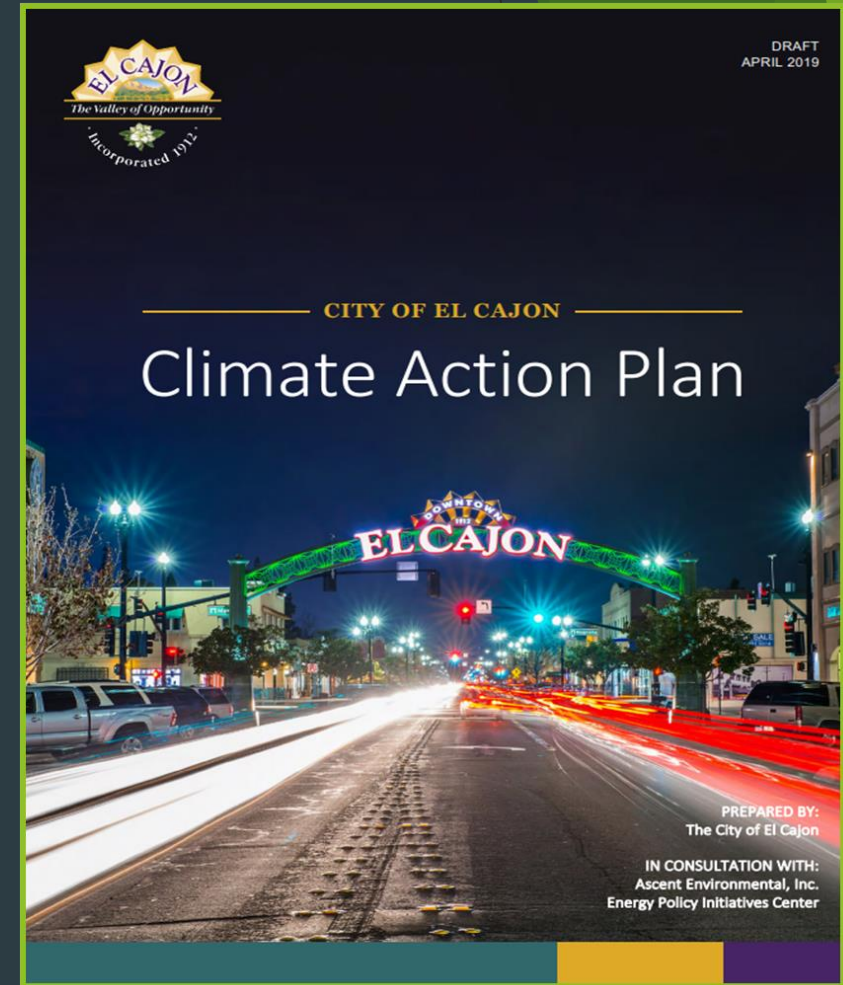
Project Description

- ▶ Climate Action Plan (CAP)
 - ▶ A comprehensive plan outlining eight strategies intended to reduce pollution, improve community resiliency, better manage natural resources, create community-wide change, and reduce Greenhouse Gas (GHG) emissions
- ▶ Program Environmental Impact Report (EIR)
 - ▶ Analyzes any significant potential impacts from the adoption of the CAP

What is a Climate Action Plan?

City Plan to reduce Greenhouse Gas Emissions (GHG)

- ▶ Inventory of existing GHG Emissions
- ▶ Project Future Emissions
- ▶ City Strategies to reduce emissions



Why should El Cajon have a Climate Action Plan?

- ▶ Plan to Manage Resources and Improve Efficiencies
- ▶ CEQA Streamlining
- ▶ Grant Funding
- ▶ Co-benefits
- ▶ State policy guidance



The City is not required to have a Climate Action Plan.

Public Outreach

- ▶ Project Webpage
- ▶ Press Releases on Sustainable Strategies
- ▶ Public Workshop
 - ▶ May 22, 2019
- ▶ Community Events
- ▶ Stakeholder meetings
- ▶ Newcomers in Action
- ▶ Community Survey



GHG Metrics

HOW MUCH IS 685,000 METRIC TONS OF GREENHOUSE GASES?



750 million pounds of coal burned



1.7 billion miles driven by a single car



23 million light bulbs switched to LEDs



77 million gallons of gasoline consumed



A year's worth of carbon sequestration from
810 thousand acres of U.S. forests



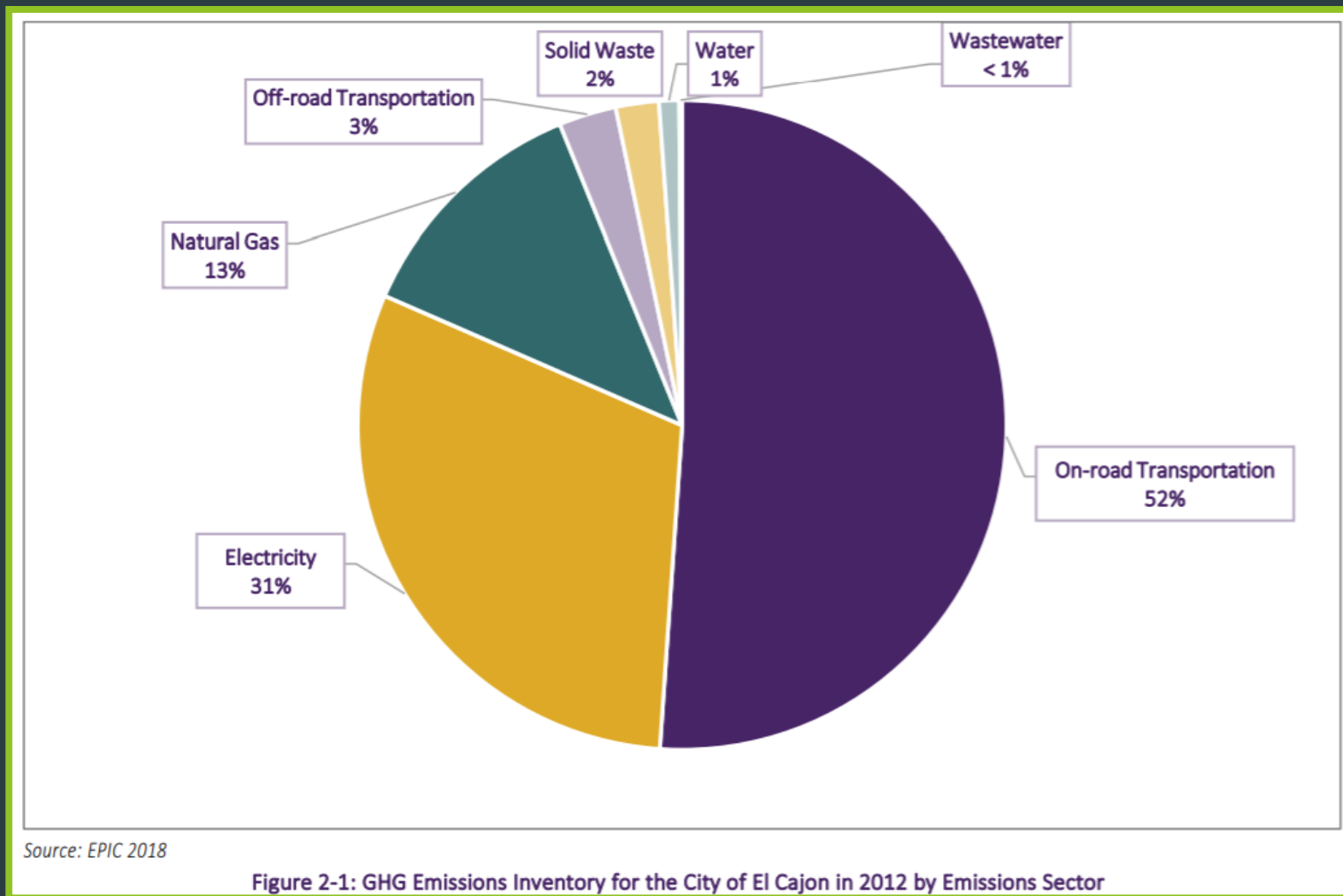
Driving to the moon and back **3,558 times**



34 thousand garbage trucks
of waste recycled instead of landfilled

Source: Ascent Environmental 2019

GHG Inventory



Projections & Targets

- ▶ 2020

- ▶ City will meet target without further action

- ▶ 2030

- ▶ City will not meet target without further action
 - ▶ 33,000 metric ton gap

CAP Strategies

1. Increase use of zero-emission/alternative fuel vehicles
2. Reduce fuel use
3. Reduce vehicle miles traveled
4. Increase building energy efficiency
5. Increase renewable and zero-carbon energy
6. Increase water efficiency
7. Reduce and recycle solid waste
8. Carbon sequestration

Strategy #1 Increase Use of Zero-Emission/Alternative Fuel Vehicles

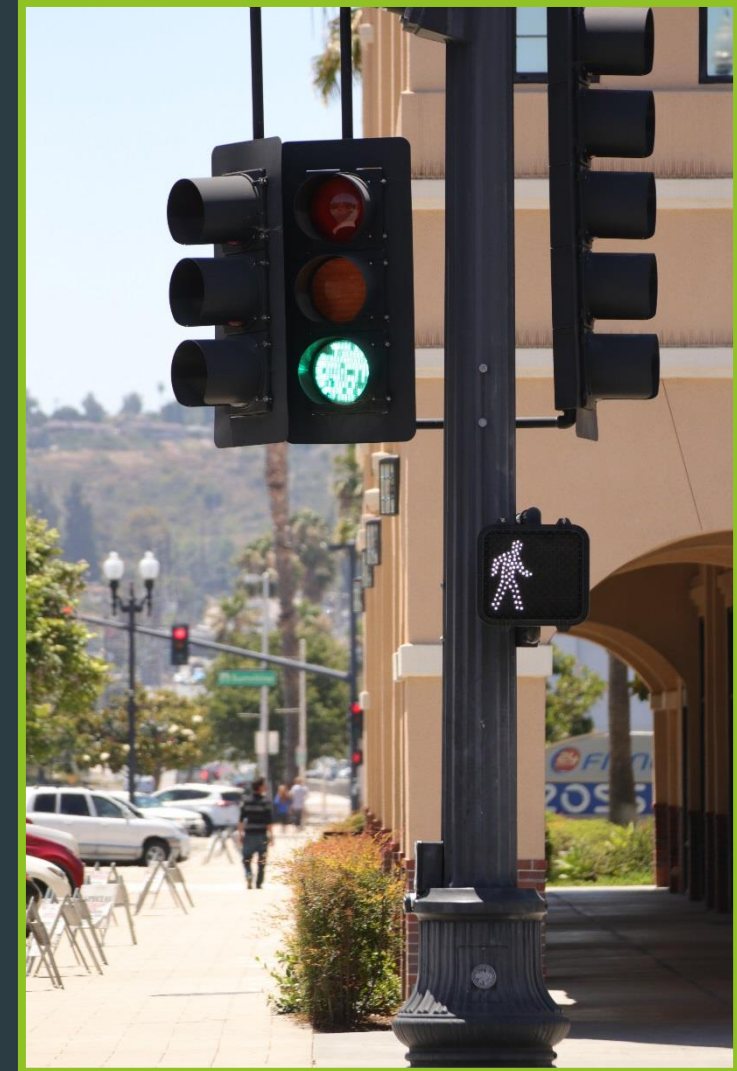
	City Actions
T-1.1	Develop a fleet management program
T-2.1	Install municipal electric vehicle charging stations
T-2.2	Incentivize installation of electric vehicle charging stations
T-2.3	Increase clean air vehicle preferential parking spaces
T-2.4	Convert school bus fleet to electric



Increase the use of Zero-Emission Vehicles
Electric Vehicle Charging Stations

Strategy #2 Reduce Fuel Use

	City Actions
T-3.1	Synchronize traffic lights
T-3.2	Install roundabouts
T-4.1	Increase renewable and alternative fuel use in construction equipment



Synchronized traffic lights

Strategy #3 Reduce Vehicle Miles Traveled

	City Actions
T-5.1	Increase alternative modes of travel through Transportation Demand Management
T-6.1	Complete Active Transportation Plan
T-7.1	Increase residential dwelling units in Transit Oriented Development areas
T-7.2	Encourage development in mixed-use residential overlay areas



Complete an Active Transportation Plan
Plan for new infrastructure to promote
walking and biking

Strategy #4 Increase Building Energy Efficiency

	City Actions
BE-1.1	Require energy audits for additions to existing residential units
BE-1.2	Continue the Critical Home Repair Program and Home Rehabilitation Loans
BE-2.1	Require energy audits of non-residential additions and improvements
BE-3.1	Continue energy efficiency projects in municipal facilities
BE-3.2	Retrofit high pressure sodium street lights



Increase Building Efficiency

Strategy #5 Increase Renewable & Zero-Carbon Energy

	City Actions
RE-1.1	Incentivize photovoltaic installation on commercial buildings
RE-1.2	Install photovoltaic systems at school sites
RE-2.1	Connect research and present City Council options to increase renewable and zero-carbon electricity



Increase Renewable Energy
Incentivize solar panels

Strategy #6 Increase Water Efficiency

	City Actions
WE-1.1	Require covers on new pools
WE-1.2	Require weather-based irrigation systems



Increase Water Efficiency
Drought-tolerant landscaping

Strategy #7 Reduce & Recycle Solid Waste

	City Actions
SW-1.1	Implement solid waste reduction and recycling targets



Reduce Solid Waste
Recycling organic waste

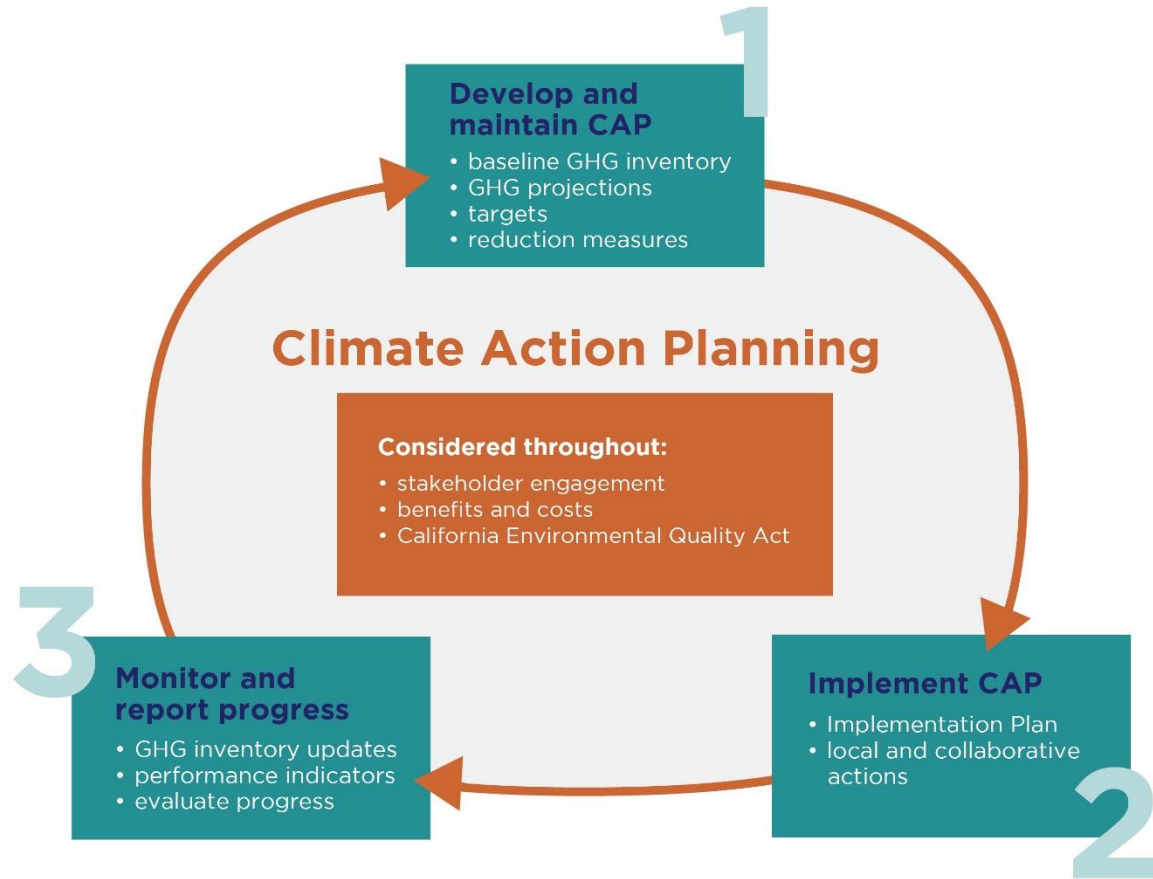
Strategy #8 Carbon Sequestration

	City Actions
CS-1.1	Increase shaded landscape area
CS-1.2	Increase tree shade in surface parking lots
CS-1.3	Increase street trees



Sequester Carbon
Plant more trees

CAP Implementation



SANDAG 2018

CEQA

- ▶ Program EIR
- ▶ No potential significant impacts
- ▶ Scoping Meeting - March 18, 2019
- ▶ Public Review - April 17, 2019 through May 31, 2019
- ▶ Two comment letters were received

Qualified Climate Action Plan CEQA Guidelines 15183.5

- ▶ Mitigate Greenhouse Gases in a plan
- ▶ Later projects may tier from the EIR
- ▶ Requirements
 - ▶ Quantify GHG emissions
 - ▶ Establish target levels
 - ▶ Identify projected GHG emissions
 - ▶ Specify measures including performance standards
 - ▶ Establish a mechanism to monitor the plan
 - ▶ Adopt during a public review process

Planning Commission Recommendation

- ▶ Planning Commission unanimously recommended (vote 4-0-0) City Council approval.
 - ▶ Included an action to develop a tree preservation and replanting policy

Recommendation

- ▶ That the City Council:
 - ▶ Certify the Environmental Impact Report No. 91 and;
 - ▶ Approve the Climate Action Plan

City Council Discussion

