

# Chula Vista Climate Action Plan: Appendix C

User Guide to Action (DRAFT II: Last updated 9/5/17)

This appendix is intended to complement the City’s updated 2017 Climate Action Plan and provide information that can help residents and business take action to reduce greenhouse gas emissions (GHG) and help create Clean Land, Clean Air and Clean Water. The City strives to take municipal actions and create community policies that reduce GHG emissions but there are still many actions that residents and business can take. This guide is designed to provide information readers can use to learn more about available resources for each strategy in the 2017 CAP. The City does not support or endorse any non-City companies or organizations listed below and would encourage any resident or businesses to seek multiple companies or organizations to provide information on your potential projects.

## WATER CONSERVATION & REUSE

### Objective 1.1 – Water Education & Enforcement

Performance Metric: Directly engage 8% of households on water conservation per year

#### Strategy 1. Expand education and enforcement targeting landscape water waste.

Agency/Program	Description	Contact Information
Otay Water District	Water District for Eastern Chula Vista, offers water audits, rebates and water conservation education	(619) 670-2222 customerservice@otaywater.gov
Website: <a href="http://www.otaywater.gov/conservation/for-your-home">www.otaywater.gov/conservation/for-your-home</a>		
Sweetwater Authority	Water District for Western Chula Vista, offers water audits, rebates and water conservation education	(619) 409-6779 waterefficiency@sweetwater.org
Website: <a href="http://www.sweetwater.org/192/Water-Efficiency-Information">www.sweetwater.org/192/Water-Efficiency-Information</a>		
San Diego County Water Authority	Regional water supplier, offers water audits, rebates and water conservation education	(858) 522-6600
Website: <a href="http://www.watersmartsd.org">www.watersmartsd.org</a>		

## Objective 1.2 – Water Efficiency Upgrades

Performance Metric: Retrofit 1,000 homes per year with water-efficient devices (including landscaping)

Strategy 1. Update the City's landscaping regulations to promote more water-wise designs.		
Agency/Program	Description	Phone
City of Chula Vista	Information from the City about the updated Landscape Water Conservation Ordinance as well as resources such as the WaterSmart Landscaping & Water Reuse Guide and sample water efficient landscape plans	(619) 409-3893
Website: <a href="http://www.chulavista.gov/departments/public-works/environmental-fiscal-sustainability/conservation/water-conservation-reuse">www.chulavista.gov/departments/public-works/environmental-fiscal-sustainability/conservation/water-conservation-reuse</a>		
San Diego County Water Authority	A series of videos will take you step-by-step through the process of creating your very own beautiful, water-efficient landscape	NA
Website: <a href="http://www.landscapemakeover.watersmartsd.org/elearning">www. www.landscapemakeover.watersmartsd.org/elearning</a>		
San Diego County Water Authority	\$1.75 per square foot rebate for qualified applicants who replace water-intensive turf grass with landscaping that provides several environmental benefits	NA
Website: <a href="https://slpincentsives.watersmartsd.org/">https://slpincentsives.watersmartsd.org/</a>		
Strategy 2. Require water-savings retrofits in existing buildings at a specific point in time.		
Agency/Program	Description	Phone
City of Chula Vista	Sign up for a no-cost Home Energy & Water Check-Up, where a trained City staff will take a quick (15 minute) walk through of your home to identify how to save water	(619) 409-3893
Website: <a href="https://www.chulavista.gov/departments/clean/home-check-up-signing-sheet">https://www.chulavista.gov/departments/clean/home-check-up-signing-sheet</a>		
PACE Financing	Utilize one of the PACE providers listed below to finance water conservation improvements to your building	See below
<p><b>California FIRST:</b> <a href="http://www.californiafirst.org">www.californiafirst.org</a> - 844-589-7953</p> <p><b>Ygrene Works:</b> <a href="http://www.ygreneworks.com">www.ygreneworks.com</a> - 877-819-4736</p> <p><b>Hero:</b> <a href="http://www.heroprogram.com">www.heroprogram.com</a> - 855-437-6411</p>		

### Objective 1.3 – Water Reuse Plan & System Installations

Performance Metric: Install 3,750 water reuse systems citywide by 2020 (6,000 by 2035)

Strategy 1. Develop a Water Reuse Framework for storm water, graywater, and onsite water reclamation.		
Agency/Program	Description	Phone
City of Chula Vista	Water Stewardship Plan adopted by City Council November 2016	(619) 409-3893
Website: <a href="http://www.chulavistaca.gov/Home/ShowDocument?id=14439">www.chulavistaca.gov/Home/ShowDocument?id=14439</a>		
Strategy 2. Facilitate simple graywater systems for Laundry-to-Landscape applications.		
Agency/Program	Description	Phone
City of Chula Vista	WaterSmart Landscaping & Water Reuse Guide provides information about how to set up a laundry-to-landscape graywater system.	(619) 409-3893
Website: <a href="http://www.chulavistaca.gov/home/showdocument?id=5365">http://www.chulavistaca.gov/home/showdocument?id=5365</a>		
Strategy 3. Streamline complex graywater systems permit review.		
Agency/Program	Description	Phone
	TBD	
Website:		

## WASTE REDUCTION

### Objective 2.1 – Zero Waste Plan

Performance Metric: Divert 75% of solid waste from the landfill by 2020 (90% by 2035)

Strategy 1. Develop a Zero Waste Plan to supplement statewide green waste, recycling, and plastic bag ban efforts.		
Agency/Program	Description	Phone
City of Chula Vista	Guide to recycling in Chula Vista	(619) 691-5122
Website: <a href="http://www.chulavistaca.gov/departments/public-works/environmental-fiscal-sustainability/environmental-services/recycling">http://www.chulavistaca.gov/departments/public-works/environmental-fiscal-sustainability/environmental-services/recycling</a>		
City of Chula Vista	Guide to Composting, including the Master Composting Class	(619) 691-5122
Website: <a href="http://www.chulavistaca.gov/departments/public-works/environmental-fiscal-sustainability/environmental-services/composting">http://www.chulavistaca.gov/departments/public-works/environmental-fiscal-sustainability/environmental-services/composting</a>		
City of Chula Vista	Guide to disposal of Household Hazardous Waste	(800) 237-2583
Website: <a href="http://www.chulavistaca.gov/departments/public-works/environmental-fiscal-sustainability/environmental-services/hazardous-waste">http://www.chulavistaca.gov/departments/public-works/environmental-fiscal-sustainability/environmental-services/hazardous-waste</a>		
I love A Clean San Diego	Local non-profit with resources for a zero waste, litter-free, and environmentally engaged San Diego region.	(619) 691-5122
Website: <a href="http://www.ilacsd.org">http://www.ilacsd.org</a>		

## RENEWABLE & EFFICIENT ENERGY

### Objective 3.1 – Energy Education & Enforcement

Performance Metric: Directly engage 8% of households on energy conservation per year

Strategy 1. Expand education targeting key community segments and facilitate energy performance disclosure.		
Agency/Program	Description	Phone
City of Chula Vista - FREBE	Free Resource & Energy Business Energy Evaluations (FREBE) – provides no cost energy evaluations for Chula Vista Businesses	(619) 409-3893
Website: <a href="http://www.chulavistaca.gov/departments/public-works/environmental-fiscal-sustainability/conservation/renewable-efficient-energy-businesses">www.chulavistaca.gov/departments/public-works/environmental-fiscal-sustainability/conservation/renewable-efficient-energy-businesses</a>		
City of Chula Vista – CLEAN Business	The Chula Vista CLEAN Business program helps businesses in Chula Vista make green choices and promotes their successes	(619) 409-1975
Website: <a href="http://www.chulavistaca.gov/departments/clean/clean-business-program">www.chulavistaca.gov/departments/clean/clean-business-program</a>		
SDREP Benchmarking Coach	The Center for Sustainable Energy, on behalf of the San Diego Regional Energy Partnership (SDREP), provides no-cost, one-on-one technical support to help building owners and operators in San Diego County benchmark their building energy usage	(619) 409-1975
Website: <a href="http://www.energycenter.org/sdrep/benchmarking">www.energycenter.org/sdrep/benchmarking</a>		
Strategy 2. Leverage the building inspection process to deter unpermitted, low-performing energy improvements.		
Agency/Program	Description	Phone
City of Chula Vista – Build Green	Online resource to help developers in the City build clean and sustainable	(619) 407-3552
Website: <a href="http://www.chulavistaca.gov/departments/development-services/building/build-green">www.chulavistaca.gov/departments/development-services/building/build-green</a>		
Energy Code Ace	Free energy code training, tools and resources to understand and meet the energy development requirements	NA
Website: <a href="http://energycodeace.com/">http://energycodeace.com/</a>		

### Objective 3.2 – Clean Energy Sources

Performance Metric: Provide more than 50% of electricity from clean sources by 2020 (70% by 2035)

Strategy 1. Incorporate solar into all new buildings to help transition to Zero Net Energy design.		
Agency/Program	Description	Phone
City of Chula Vista – Online Solar Permit	Online permitting information for new solar projects (will be updated with information about solar requirement)	(619) 691-5272
Website: <a href="http://www.chulavistaca.gov/departments/development-services/build-green/residential-solar-energy">www.chulavistaca.gov/departments/development-services/build-green/residential-solar-energy</a>		
Strategy 2. Provide more grid-delivered clean energy (up to 100%) through Community Choice Aggregation or other mechanism.		
Agency/Program	Description	Phone
SDG&E – Eco Choice	A renewable energy rate from SDG&E that allows you to purchase, for a premium, up to 100% renewable energy	(800) 411-7343
Website: <a href="http://www.sdge.com/environment/connected-to-the-sun/ecochoice">www.sdge.com/environment/connected-to-the-sun/ecochoice</a>		
Grid Alternative	A non-profit organization that brings together community partners, volunteers and job trainees to implement solar power and energy efficiency for low-income families	(619) 239-4743
Website: <a href="http://www.gridalternatives.org/">www.gridalternatives.org/</a>		

### Objective R&EE-3 – Energy Efficiency Upgrades

Performance Metric: Retrofit 13% of SF & MF homes and 10% of commercial Sqft to save 25% by 2020 (20% of both with 50% savings by 2035)

Strategy 1. Reauthorize the City’s “cool roof” standards and expand to include re-roofs and western areas.		
Agency/Program	Description	Phone
EPA – Energy Star	Information about Cool Roofs and how they save energy	NA
Website: <a href="http://www.energystar.gov/products/building_products/roof_products/cool_roofs_emissivity">www.energystar.gov/products/building_products/roof_products/cool_roofs_emissivity</a>		

<b>Strategy 2. Facilitate more energy upgrades in the community through incentives, permit streamlining (where possible), and education.</b>		
<b>Agency/Program</b>	<b>Description</b>	<b>Phone</b>
City of Chula Vista – Green Training	List of upcoming trainings and downloadable presentation on clean building topics	(619) 691-5272
Website: <a href="http://www.chulavistaca.gov/departments/development-services/building/training">www.chulavistaca.gov/departments/development-services/building/training</a>		
<b>Strategy 3. Require energy-savings retrofits in existing buildings at a specific point in time.</b>		
PACE Financing	Utilize one of the PACE providers listed below to finance energy conservation improvements to your building	See below
<b>California FIRST:</b> <a href="http://www.californiafirst.org">www.californiafirst.org</a> - 844-589-7953 <b>Ygrene Works:</b> <a href="http://www.ygreneworks.com">www.ygreneworks.com</a> - 877-819-4736 <b>Hero:</b> <a href="http://www.heroprogram.com">www.heroprogram.com</a> - 855-437-6411		
City of Chula Vista	Sign up for a no-cost Home Energy & Water Check-Up, where a trained City staff will take a quick (15 minute) walk through of your home to identify how to save energy	(619) 409-3893
Website: <a href="https://www.chulavistaca.gov/departments/clean/home-check-up-signing-sheet">https://www.chulavistaca.gov/departments/clean/home-check-up-signing-sheet</a>		

<b>Objective R&amp;EE-4 – Robust Urban Forests</b>
Performance Metric: Expand urban tree canopy cover to 15% by 2020 (25% by 2035)

<b>Strategy R&amp;EE-4A Plant more shade trees to save energy, address heat island issues, and improve air quality.</b>		
<b>Agency/Program</b>	<b>Description</b>	<b>Phone</b>
City of Chula Vista – Urban Forestry	Information about the City’s Tree Ordinance	(619) 397-6000
Website: <a href="http://www.chulavistaca.gov/departments/public-works/operations/urban-forestry">www.chulavistaca.gov/departments/public-works/operations/urban-forestry</a>		

## SMART GROWTH & TRANSPORTATION

### Objective 4.1 – Complete Streets & Neighborhoods

Performance Metric: Reduce average vehicle miles traveled by 4% by 2020 (5% by 2035)

2020 MT CO<sub>2</sub><sup>e</sup> GHG Reductions: 14,106

2035 MT CO<sub>2</sub><sup>e</sup> GHG Reductions: 16,552

#### Strategy 1.

**Incorporate “Complete Streets” principles into municipal capital projects and plans.**

Agency/Program	Description	Phone
City of Chula Vista	Complete streets policy	(619) 691-5101

Website: [www.chulavistaca.gov/home/showdocument?id=11208](http://www.chulavistaca.gov/home/showdocument?id=11208)

#### Strategy 2.

**Encourage higher density and mixed-use development in Smart Growth areas, especially around trolley stations and other transit nodes.**

Agency/Program	Description	Phone
City of Chula Vista - Planning	Urban Core Specific Plan	(619) 691-5101

Website: [www.chulavistaca.gov/home/showdocument?id=11468](http://www.chulavistaca.gov/home/showdocument?id=11468)

City of Chula Vista - Planning	Palomar Gateway Specific Plan	(619) 691-5101
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Website: [www.chulavistaca.gov/home/showdocument?id=7356](http://www.chulavistaca.gov/home/showdocument?id=7356)

### Objective 4.2 – Transportation Demand Management

Performance Metric: Increase citywide alternative commute rates to 7% by 2020 (9% by 2035)

2020 MT CO<sub>2</sub><sup>e</sup> GHG Reductions: 44,260

2035 MT CO<sub>2</sub><sup>e</sup> GHG Reductions: 103,363

#### Strategy 1.

**Utilize bike facilities, transit access/passes, and other Transportation Demand Management offerings.**

SANDAG – iCommunte	iCommute is the Transportation Demand Management (TDM) program for the San Diego region and provides carpool and ride-matching services, a subsidized vanpool program, transit solutions, regional support for biking, the Guaranteed Ride Home program, information about	call 511 and say “iCommute”
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	teleworking, and bike and pedestrian safety program support for schools.	
Website: <a href="https://www.icommutesd.com/">https://www.icommutesd.com/</a>		

<b>Strategy 2. Expand bike-sharing, car-sharing, and other “last mile” transportation options.</b>		
<b>Agency/Program</b>	<b>Description</b>	<b>Phone</b>
City of Chula Vista - Planning	Bikeway Master Plan	(619) 691-5101
Website: <a href="http://www.chulavistaca.gov/departments/public-works/master-plans/bikeway-master-plan">www.chulavistaca.gov/departments/public-works/master-plans/bikeway-master-plan</a>		
City of Chula Vista - Planning	Pedestrian Master Plan	(619) 691-5101
Website: <a href="http://www.chulavistaca.gov/departments/public-works/master-plans/pedestrian-master-plan">www.chulavistaca.gov/departments/public-works/master-plans/pedestrian-master-plan</a>		

<b>Objective 4.3 – Alternative Fuel Vehicles</b>	
Performance Metric: Support citywide expansion of alternative fuel vehicle use by 4% of VMT by 2020 (11% by 2035)	
2020 MT CO <sub>2</sub> <sup>e</sup> GHG Reductions: 14,617	2035 MT CO <sub>2</sub> <sup>e</sup> GHG Reductions: 65,196

<b>Strategy 1. Support the installation of more local alternative fueling stations</b>		
<b>Agency/Program</b>	<b>Description</b>	<b>Phone</b>
City of Chula Vista - Conservation	Alternative Fuel Stations Map	(619) 409-3893
Website: <a href="http://38.106.5.202/Home/ShowDocument?id=5375">http://38.106.5.202/Home/ShowDocument?id=5375</a>		

<b>Strategy 2. Designate preferred parking for alternative fuel vehicles.</b>		
<b>Strategy 3. Design all new residential and commercial buildings to be “Electric Vehicle Ready.”</b>		
<b>Agency/Program</b>	<b>Description</b>	<b>Phone</b>
State of CA - Clean Vehicle Rebate Project	Promotes clean vehicle adoption by offering rebates of up to \$7,000 for the purchase or lease of new, eligible zero-emission vehicles, including electric, plug-in hybrid electric and fuel cell vehicles	866-984-2532
Website: <a href="https://cleanvehiclerebate.org">https://cleanvehiclerebate.org</a>		

## MORE REDUCTION ACTIVITIES

### Objective NA

While these actions are not specifically called out in the 2017 Climate Action Plan they represent best practices commonly taken to measure and reduce GHG emissions.

Agency/Program	Description	Phone
Cool California	GHG emission calculator that allows you to estimate the carbon footprint caused by your actions	NA
Website: <a href="http://www.coolcalifornia.org/calculator-households-individuals">www.coolcalifornia.org/calculator-households-individuals</a>		
UC Berkeley	Consumption-Based GHG emission calculators allow you to estimate full life cycle emissions, that include emission created in the resource extraction and disposal of the products used.	NA
Website: <a href="http://coolclimate.berkeley.edu/inventory">http://coolclimate.berkeley.edu/inventory</a>		
San Diego Airport – The Good Traveler	An GHG offset program that allows you to offset GHG emissions from travel that you have to take	NA
Website: <a href="https://www.thegoodtraveler.org">https://www.thegoodtraveler.org</a>		
Donated GHG offsets were used to help offset the emissions created in the development and production of the 2017 CAP, see full certification below.		

