



- Presentation will begin shortly
- Session will be recorded
- Please be aware of that participants will be muted. Q&A at bottom of screen – ask your questions here
- We will address questions at various points in the session

www.chulavistaca.gov/sustainability



Recorded webinars and presentation slides are available at:

www.chulavistaca.gov/sustainability



SUSTAINABILITY SERIES



**All attendees are muted
Please type your questions in the question box**

Resources for Electrification

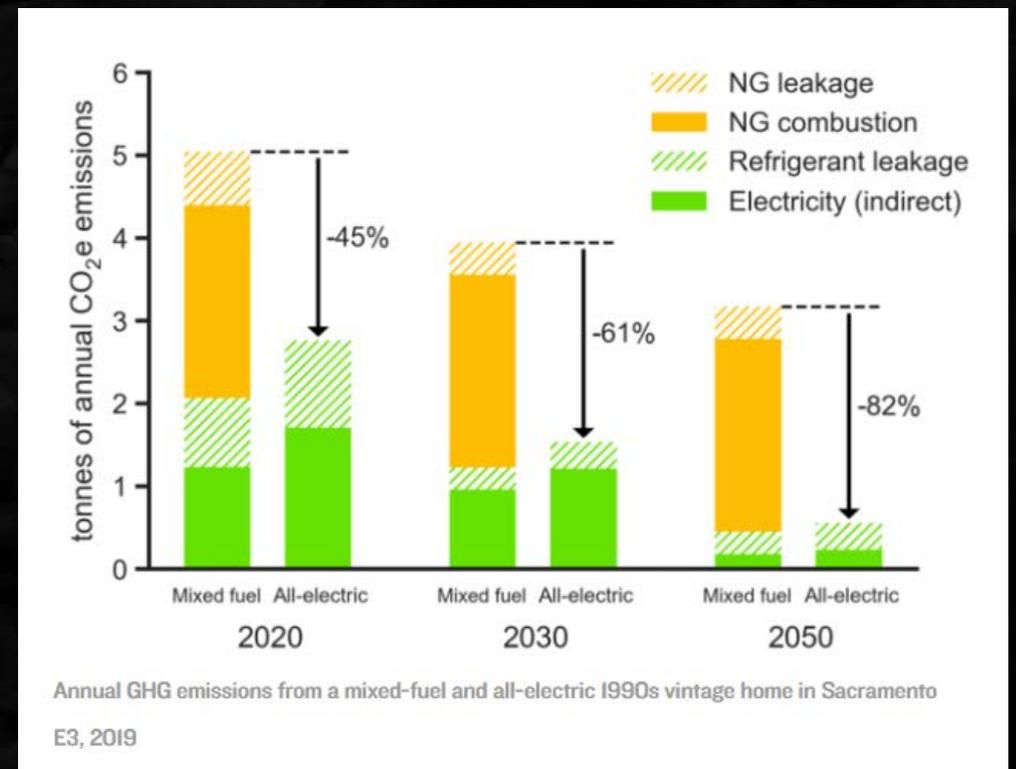
Sustainability Webinar 1-25-23



Electrification
Electrification
Electrification
Electrification

WHY ELECTRIFY?

ENVIRONMENT



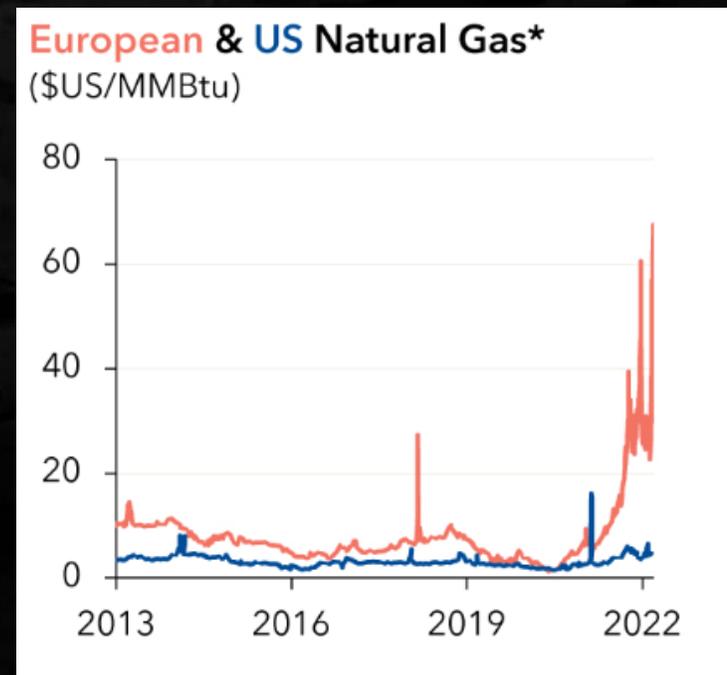
WHY ELECTRIFY?

ENERGY INDEPENDENCE

At Home



And Around the Globe



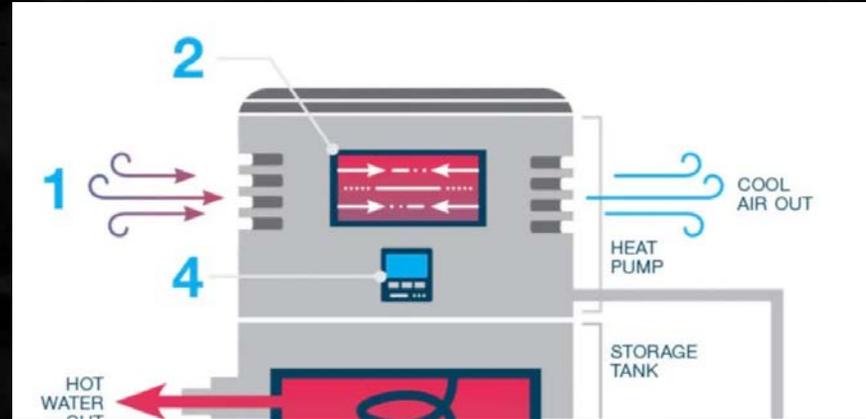
CODES **NEW HOMES**



All Electric Ready



Heat Pump Water Heaters



MARKET DEVELOPMENT



The Switch is On

- Product information
- Contractor network
- Incentives



www.switchison.org



Electric Home Cooktop Program



www.ehomecooktops.com

2023 TAX CREDITS

- Tax credit eligible for standalone battery systems
- “Upfront” Discounts - Created by states still being developed
- Increased opportunity for low and medium income households

[www.energystar.gov/about/federal tax credits](http://www.energystar.gov/about/federal_tax_credits)

and

www.rewiringamerica.org/app/ira-calculator

Item	Discount	Tax Credit
Electrical Panel	\$4,000	\$600
Electric Stove / Induction Stove	\$800	NA
Electrical Wiring	\$2,500	NA
Heat Pump Water Heater	\$1,750	\$2,000
Heat Pump HVAC	\$8,000	\$2,000
Weatherization	\$1,600	NA
Whole Home Energy Reduction Rebates	\$8,000	NA
Battery Storage	NA	30%
Solar	NA	30%
New EV	NA	\$7,500 +\$1,00 for charger
Used EV	NA	\$4,000 +\$1,00 for charger

2023 REBATES

- High Efficiency Gas Water Heater - \$75
- Replace electric water heater with Heat Pump Water heater - \$500
- Room air conditioner (ENERGY STAR Advance) - \$20
- Amazon smart thermostat - \$40
- Energy Star certified thermostat - \$75

<https://goldenstater rebates.clearexult.com>



Electrification
Electrification
Electrification
Electrification
Electrification

THANKS!

Do you have any questions?

Cory Downs

Office: (619)476-2442

Cell: (619) 476-2442

cdowns@chulavistaca.gov

www.chulavistaca.gov/sustainability

JOIN US NOW



www.cvclimatechallenge.com



SUSTAINABILITY SERIES



Please type your questions in the question box

Household Hazardous Waste

What do I do with my old paint?!

Household Hazardous Waste (HHW)

- Do you have old paint, batteries or electronics?
- It's important to dispose of toxic items properly.
- Reduce your use of toxic products. Buy only what you need and use it up! Use environmentally friendly alternatives whenever possible.
- Chula Vista has a permanent Household Hazardous Waste Facility available to select residents.



South Bay HHW Collection Facility

- Located at 1800 Maxwell Road, Chula Vista, CA 91911
- Open Wednesdays and Saturdays from 9 am to 1 pm
- Available at no charge to Chula Vista, Imperial Beach, National City and Unincorporated San Diego County residents



Accepted Items at the HHW Facility

- Latex/oil-based paint and other paint related products
- Household batteries
- Car batteries
- Used motor oil and oil filters
- Antifreeze and other car fluids
- Old fuel
- Pesticides
- Fertilizers
- Household cleaning products
- Pool chemicals
- Sharps/needles
- Cooking oil
- Electronics (TVs, microwaves, etc.)

Visit our new HHW Reuse Store!

- Located at the HHW Facility
- Take home limited amounts of gently used items like paint, household cleaners, automotive products and more!



Thank you!

Joseph Coppola
Sustainability Specialist
(619) 691-5161
jcoppola@chulavistaca.gov



SUSTAINABILITY SERIES



Please type your questions in the question box

Chula Vista Community Shuttle

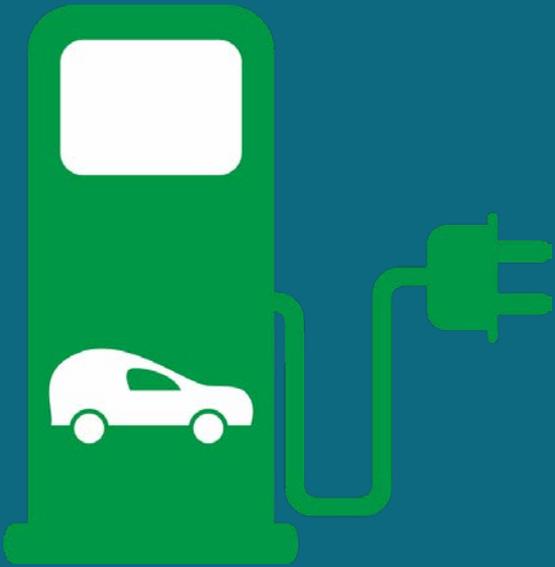
Free Rides for Seniors in Northwest Chula Vista

Coleen Wisniewski
Environmental Sustainability Manager
City of Chula Vista

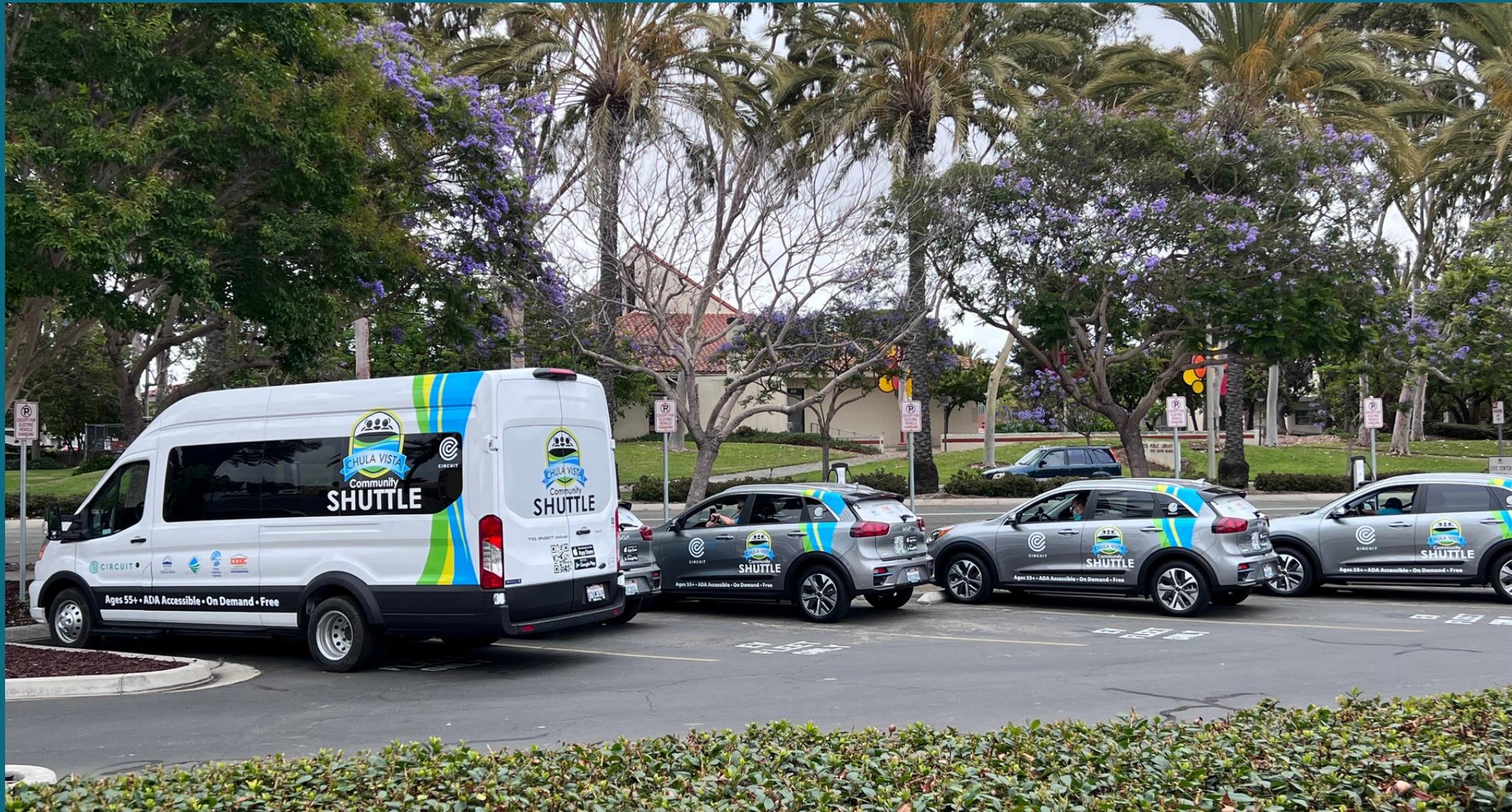


Details

- On demand rides
- Free for passengers age 55 and older
- Operates Monday to Friday, 7 am - 7 pm
- Services northwest Chula Vista
- Provides zero emission transportation = cleaner air, sustainable transit
- Five electric sedans and one electric ADA accessible van
- Supported with state and local funding
- Operated by Circuit



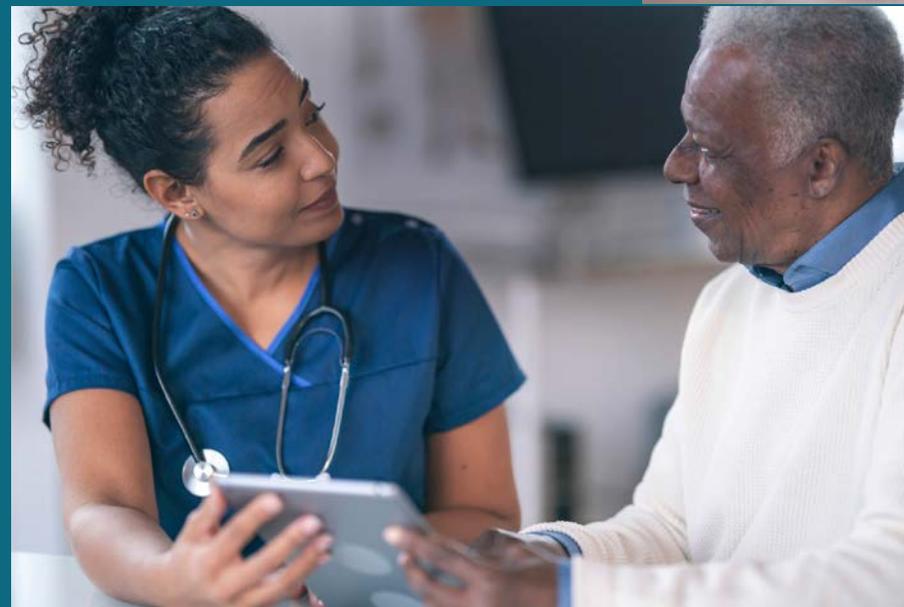
The Fleet



From June - December 2022: 6038 trips with 6962 passengers



Where do you need to go?





Age 55+ | Free | All-Electric Vehicles | Door-to-Door Service | ADA Accessible

CATCH A RIDE! Free rides are now offered for those 55+ in northwest Chula Vista.



Go to:

- the grocery store
- a friend's house
- the doctor's office
- and more!

You can request a ride via the Circuit Inc. app or by phone.
SHUTTLE SERVICE WILL BE PROVIDED MONDAY - FRIDAY, 7 A.M. TO 7 P.M.



Chula Vista Community Shuttle is funded by the Clean Mobility Options Pilot Program (CMO) and part of California Climate Investments (CCI), a statewide initiative that puts billions of Cap-and-Trade dollars to work reducing greenhouse gas emissions, strengthening the economy, and improving public health and the environment—particularly in disadvantaged communities. Funded by Clean Mobility Options voucher pilot program funds. In addition to Clean Mobility Options voucher pilot program funds, this service received a grant from Community Congregational Development Corporation (CCDC).



www.ridecircuit.com

Request a ride:
(646) 504-3733

Information:
(619) 409-5977

info@ridecircuit.com



www.ridecircuit.com

Request a ride:
(646) 504-3733

Information:
(619) 409-5977

info@ridecircuit.com



Llame al (646) 504-3733 para solicitar el servicio de transporte.



www.ridecircuit.com

información: (619) 409-5977

info@ridecircuit.com



Llame al (646) 504-3733 para solicitar el servicio de transporte.

Edad 55+ | Gratis | Vehículos Eléctricos | Servicio Puerta a Puerta | Accesible según la ADA

¡APROVECHE EL VIAJE! Ofrecemos servicio de transporte gratuito para adultos mayores de 55 años en el noroeste de Chula Vista.



Viaje

- al supermercado
- a la casa de un amigo
- al consultorio médico
- y mucho más!

Usted puede solicitar el servicio de transporte mediante la aplicación de Circuit Inc. o por vía telefónica al (646) 504-3733. SE OFRECE SERVICIO DE TRANSPORTE DE LUNES - VIERNES, 7 A.M. A 7 P.M.



El Transporte Comunitario de Chula Vista está financiado por el Programa Piloto de Opciones de Movilidad Limpia (CMO) y por una parte de las Inversiones Climáticas de California (CCI), una iniciativa estatal que aporta miles de millones de dólares de Cap-and-Trade para trabajar en la reducción de las emisiones de gases de efecto invernadero, fortalecer la economía, y mejorar la salud pública y el medio ambiente, particularmente en las comunidades desfavorecidas. Está financiado por los fondos del programa piloto de vales de Opciones de Movilidad Limpia. Además de los fondos del programa piloto de vales de Opciones de Movilidad Limpia, este servicio recibió un fondo de ayuda económica de la Corporación de Desarrollo Congregacional Comunitario (CCDC).



www.ridecircuit.com

información: (619) 409-5977

info@ridecircuit.com



Need a ride?

(646) 504-3733

or

use the Circuit
app

Have questions?

(619) 409-5977



SUSTAINABILITY SERIES



Please type your questions in the question box



Republic Services and the City of Chula Vista

Partners in Solid Waste Disposal

Republic Services and the City of Chula Vista Partners in Solid Waste Disposal



Recycle These!

BOTTLES, CARTONS, CANS, PAPER, AND CARDBOARD



Keep Out!



PLASTIC BAGS, PLASTIC FILM, FOOD WRAPPERS, OR STYROFOAM



Republic Services and the City of Chula Vista Partners in Solid Waste Disposal

- ▶ Services available to residents in the City of Chula Vista
 - ▶ Trash, Recycling and Organics collection
 - ▶ Bulky Pick-up Service
 - ▶ Used Motor Oil and Cooking Oil curbside
 - ▶ Free Landfill and Yard Waste passes



Republic Services and the City of Chula Vista Partners in Solid Waste Disposal



- Services available to residents in the City of Chula Vista
- Trash, Recycling and Organics collection



Republic Services and the City of Chula Vista Partners in Solid Waste Disposal

Items include non-hazardous, non-infectious household items.

Examples:

- Washers, dryers
- Appliances
- Sofas/chairs
- Scrap metal
- Lawn furniture
- Mattresses
- Empty propane tank



► Services available to residents in the City of Chula Vista

► Bulky Pick-up Service

- Chula Vista residents with curbside service can have up to ten (10) bulky items (appliances, mattresses, furniture, etc.) removed per week free of charge but no more than 60 items in a 90-day period. Schedule your pick-up at least 24 hours before your service day by calling 619-421-9400.



Republic Services and the City of Chula Vista Partners in Solid Waste Disposal



- ▶ Services available to residents in the City of Chula Vista
- ▶ Used Motor Oil and Cooking Oil collection curbside
 - ▶ Arrange for curbside collection by calling Republic Services at 619-421-9400. Be sure to call at least 24 hours before your collection day.



Republic Services and the City of Chula Vista Partners in Solid Waste Disposal



Customers can pick up their passes at 881 Energy Way, Chula Vista CA 91911. Office hours are Monday to Friday, 8:00 am – 5:00 pm, and Saturday from 8:00 am-12:00 noon. Customers may also request their passes to be mailed by calling [619-482-4024](tel:619-482-4024).

Please remember to load your vehicle to make it easy to unload.

- Services available to residents in the City of Chula Vista
- Free Landfill and Yard Waste passes
 - Collection cart service customers, in good standing, are eligible for two landfill passes and two-yard waste passes per year for the Otay Landfill.



Republic Services and the City of Chula Vista Partners in Solid Waste Disposal

Contact information



- Email: environmentalservices@chulavistaca.gov
- Phone: 619-691-5122
- Website: <http://chulavistaca.gov/sustainability>



- Email: customerserviceCV@republicservices.com
- Phone: 619-421-9400
- Website: republicservices.com/municipality/chula-vista-ca



SUSTAINABILITY SERIES



Please type your questions in the question box

CLIMATE ACTION CHALLENGE

www.cvclimatechallenge.com



MEET THE CLIMATE FELLOWS



Maya Hendija

&



Emily Hoff



40% of US emissions come from just 5 basic household activities we do every day



electricity use



home heating



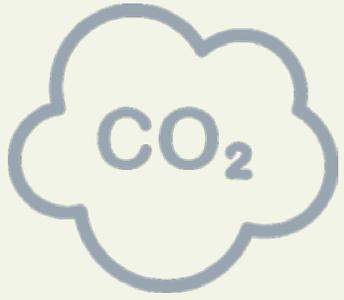
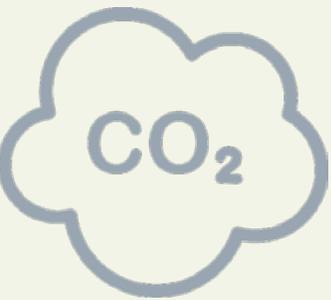
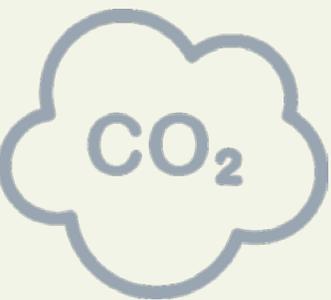
transportation



food



waste



What is the Climate Challenge?

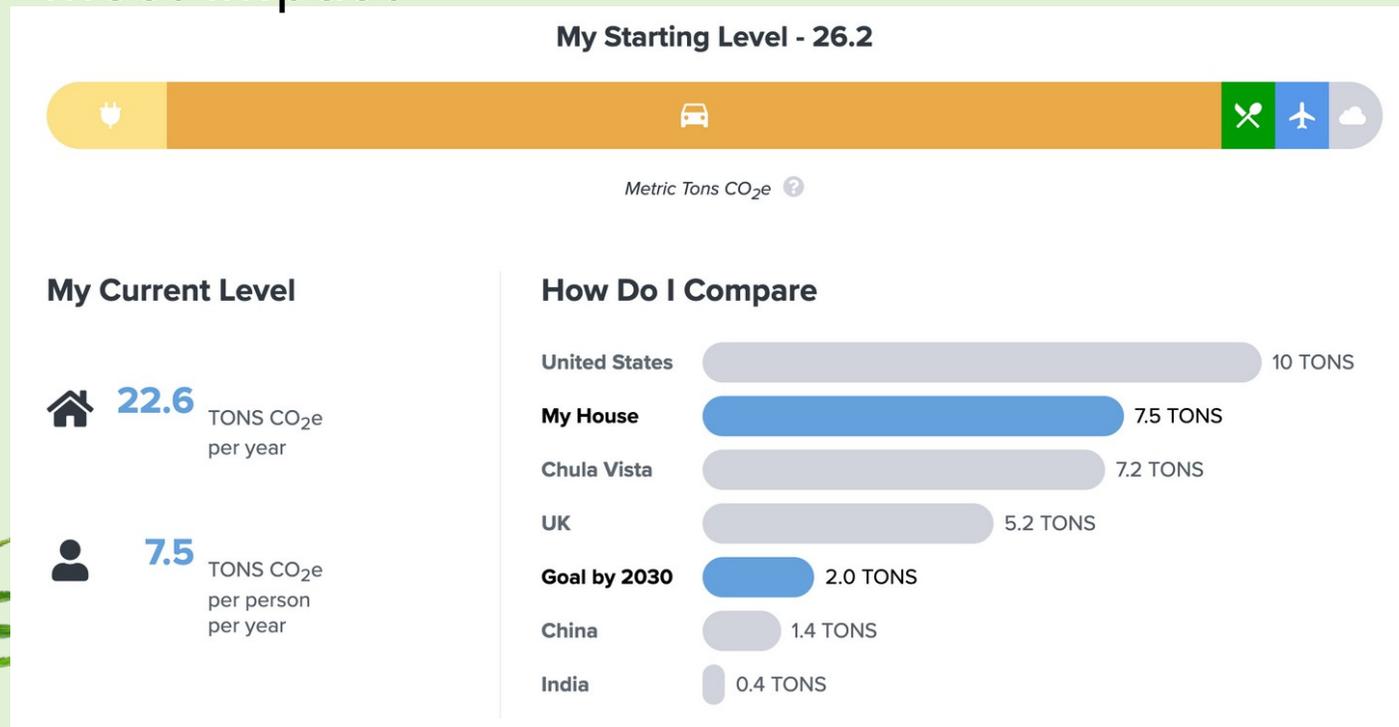
- A platform providing easy and accessible ways for groups like us to work together and take action on climate and sustainability
- A way to build community
- Affordable and accessible solutions for all five household emission sections
- As a community, our actions can add up and really make a difference!
- The best news - many of these actions also save money!

<https://www.youtube.com/watch?v=Hy1ZXY17euI>

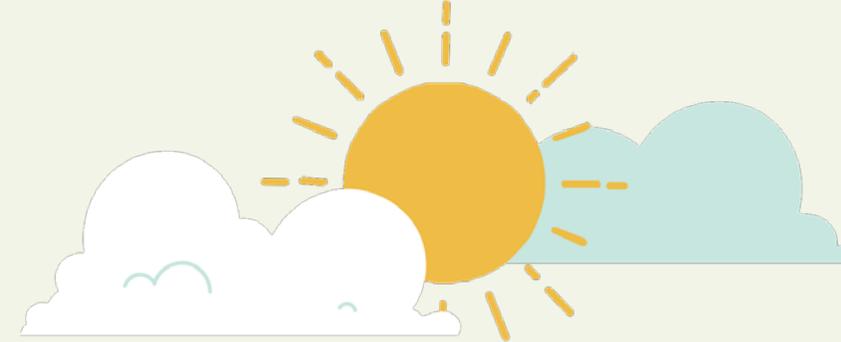


How to Get Started:

- Visit <https://www.cvclimatechallenge.com/user> to create your FREE climate action challenge account
- Complete your energy profile to the best of your knowledge to find the areas your household has the most impact



Find Actions



- The platform contains seven action categories containing multiple actions each
- Click on categories and actions for more information on each action!

Take action to make a difference

Action Categories Explore Actions

- Be Energy Smart
- Clean Energy Home
- Shift Your Ride
- Eat Green & Waste Less
- Be Water Wise
- Community & Learning
- Resilience

Be Energy Smart

Being Energy Smart doesn't mean you have to turn the heat way down, it means using smart tricks like insulating drapes and a smart thermostat to save energy and money - and stay cozy and comfortable!

BrightAction

Be Energy Smart # 2 Part 2

Be Energy Smart Action Category

Retire extra Refrigerator/Freezer

Consolidate, ditch the extra fridge, and save

Choose

I already do this

★ Easy 820 \$ 350

Customize

Turn Water Heater Temp Down

Heat your water just enough and save

Choose

I already do this

★ Easy 190 \$ 80

Complete Actions and SAVE

- Click on actions to see their impact, cost, time commitment and savings
- Actions also contain tips and possible rebates or incentives for completing the action in your area!

Turn Water Heater Temp Down

Water heating is the second largest energy expense in your home at 15% or more of your utility bill. Take a few minutes to lower your water heater temperature setting and you can save both energy and money.

[VIEW DISCUSSION](#) [+ CREATE POST](#)

Your Impact **190 points** [SHARE](#)

UPFRONT COST \$0 - \$0	\$\$\$\$	TIME COMMITMENT 0.5 hours	🕒🕒🕒🕒
RESOURCE SAVINGS 296 kWh Electricity	⚡⚡⚡⚡	ANNUAL SAVINGS \$80	💰💰💰💰



February 19

11 am to 3pm



San Diego Bay at Chula Vista





SUSTAINABILITY SERIES



Please type your questions in the question box



Zero Waste Academy

Learning to reduce, reuse and recycle



What is the Zero Waste Academy about?

- ▶ Zero Waste principles
- ▶ Learn how to reuse and repurpose things which would otherwise be considered trash
- ▶ See in person what happens to the waste you generate with tours of the Otay landfill and EDCO Material Recovery Facility



Benefits:

- ▶ Help your environment
- ▶ Keeps items that can be reused and or repaired out of the landfill
- ▶ Become a community zero waste champion



- ▶ The Zero Waste Academy sessions go from February 9 to March 23.
- ▶ Civic Center Library Branch
365 F Street
- ▶ Open to all , Must be 16 or older
- ▶ You can register at:

www.chulavistaca.gov/zerowaste



Aruiz-velasco@chulavistaca.gov
Office of Sustainability
619-691-5122





SUSTAINABILITY SERIES



Please type your questions in the question box

Sustainable Living for the New Year and Beyond

Sustaining Your Soil

David DiDonato
Recycling Specialist
Office of Sustainability





- Low amount of organic material
- Low amount of nutrients
- Clay or sand
- Unhealthy plants
- Run off / erosion

Dirt vs Soil

- Lots of organic material
- Lots of nutrients
- Loam
- Healthy plants
- Sponge-like



FBI: fungus, bacteria,
invertebrates

Soil

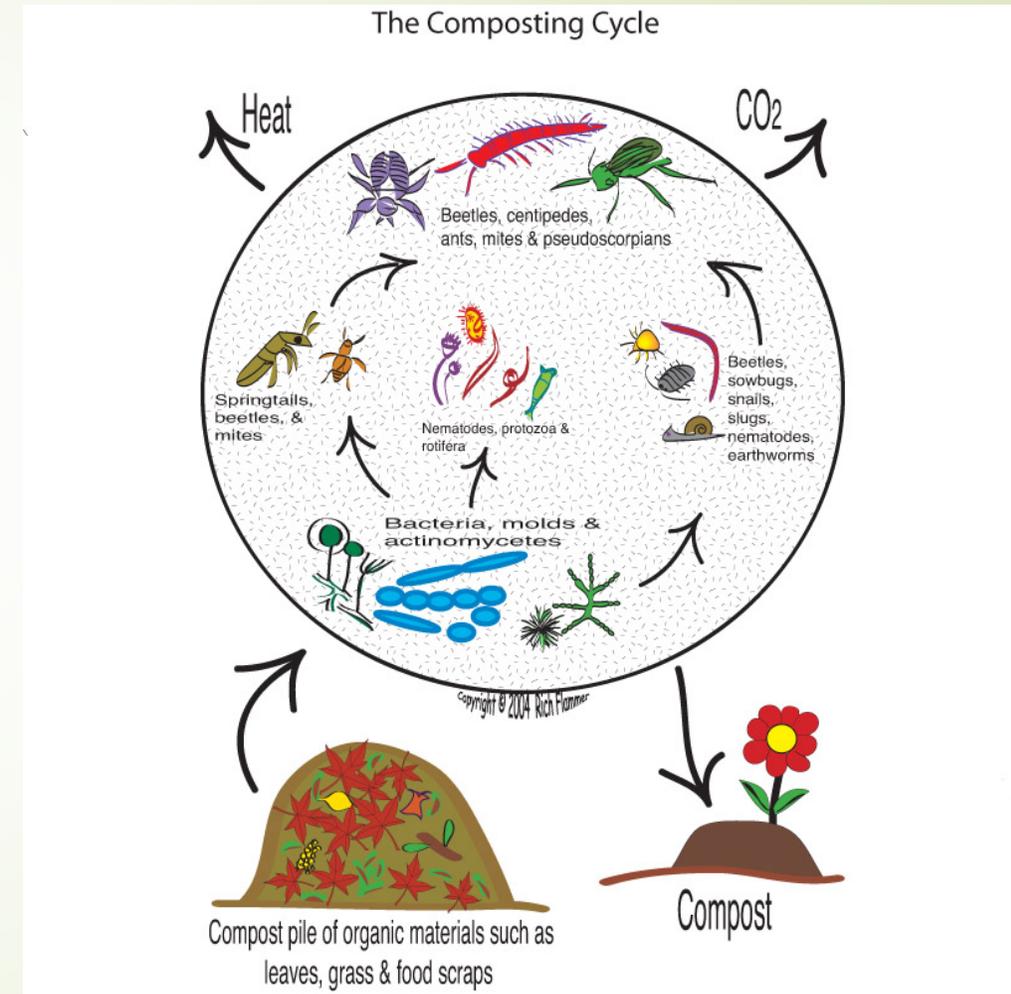
- Organic material
- Structure
- Nutrients
- FBI



One teaspoon of good garden soil to which
compost has been added contains 100 million
bacteria and 800 feet of fungal threads

Compost; It's not poop!

The product manufactured through the controlled aerobic, biological decomposition of biodegradable materials. The product has undergone mesophilic and thermophilic temperatures, which significantly reduces the viability of pathogens and weed seeds (in accordance with EPA 40 CFR 503 standards) and stabilizes the carbon such that it is beneficial to plant growth.



Compost; It's not poop!

Various methods

Provides the needed organic material

Provides the needed nutrients

Provides the needed FBI



Where can you get compost?

► Republic Services

- Commercial Food Waste Collection Program
- Residential Food & Yard Waste Collection

FREE Compost Event

*Chula Vista Residents only!
One load per household.*

Saturday, January 28

8 am – 12 pm • Otay Landfill

Customer Convenience Area
1700 Maxwell Road, Chula Vista

Load your own while supplies last!

**Bring buckets, containers,
shovels, and tarps**



Composting Workshops
Sundays 2:00-3:00 p.m. at The LCDC



Discounted Compost Bins for Chula Vista Residents

Master Composter Training
Six-week course held twice per year



Questions?



David DiDonato, Recycling Specialist
City of Chula Vista

ddidonato@chulavistaca.gov 619-476-2409



Food & Yard Waste Collection Program in Chula Vista

Manuel Medrano,
Environmental Services Manager
(619) 585-5766

mmedrano@chulavistaca.gov
chulavistaca.gov/sustainability

Program overview:



Compliance with Senate Bill 1383 regulations

- Statewide methane reduction efforts
- Climate Action Plan

Republic Services to process the residential organics as compost

Republic Services to invest \$12 million for additional trucks, equipment, processing facilities.

Program overview: Single-Family Residential:



Residents can now place food waste in yard waste carts

Carts provided to residents; rental fee eliminated



Program overview: Multifamily properties



Per unit rate includes recycling and food waste

Individual carts per units or central location

Properties evaluated

Space limitations and waste generation considered.

Program overview: Commercial



Food waste collection only

Service required to business that generate organic waste

Food waste to be screened for contaminants

Benefits:



Kitchen food waste “caddies” at no cost

Reporting requirements
Customer education – tagging, business outreach

\$50,000 per year in grants to Chula Vista food rescue organizations

Free compost for City projects

Education & Outreach

Coordinated campaign with Republic Services

Face to Face outreach

Coordination with local organizations

Recurrent mailers to residents and business

Presentations to community groups

State's campaign

Food Waste Collection is HERE!
PLEASE PUT FOOD WASTE IN YOUR GREEN CART ALONG WITH YARD WASTE.
Chula Vista Municipal Code 8.25 now requires that food waste is kept out of trash carts/bins.

THE ITEMS BELOW CAN NOW BE PUT IN YOUR GREEN CART.

FOOD WASTE
Coffee Grounds, Eggs/Shells, Fruits and Vegetables
Bread, Cereals, Tortillas, Rice and Beans
Dairy Products
Seafood
Meat and Bones
Paper Plates

FOOD-SOILED PAPER
Coffee Filters and Tea Bags
Pizza Boxes
Paper Towels and Napkins
Paper/Cardboard Takeout Containers

NO PLASTICS OF ANY TYPE. NO METAL. NO GLASS.

YARD WASTE
Grass Clippings
Leaves
Tree and Brush Clippings
Flowers and Houseplants (without pots or soil)

NO PLASTIC bags.
NO PLASTIC wrap.
NO PLASTIC packaging.
NO compostable PLASTIC.

FOOD WASTE RECYCLING is EASY!
1. SEPARATE food waste.
2. COLLECT using a container of your choice.
3. EMPTY into your Green Cart.



For more information and helpful tips on food and yard waste collection, scan the QR Code or visit chulavistaca.gov/clean.

Baje este código con su celular para obtener información en español sobre el programa de colección de desechos de comida y jardín.


CITY OF CHULA VISTA
Office of Sustainability

Program roll-out:



25K green carts delivered – HOAs

City and Republic Services staff

Commercial & Multifamily property evaluations

Food rescue efforts

Processing capacity

Procurement requirements



SUSTAINABILITY SERIES



Please type your questions in the question box



Thank you for joining us today!

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slides are available at:**

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