

# Rancho Cordova

Climate Action Plan (CAP)



Virtual Workshop #3  
April 14, 2022

Welcome,  
Introductions, and  
Agenda Review

# Team

- Arlene Granadosin-Jones, City of Rancho Cordova
- Stefan Heisler, Housing Manager, City of Rancho Cordova
- Andrew Martin, Project Manager, Ascent Environmental
- Alyssa Way, Assistant Project Manager, Ascent Environmental
- Matt Gelbman, Planner, Ascent Environmental
- Jamie Kirchner, Outreach Coordinator, Ascent Environmental

# Why are we here tonight?

- Provide a CAP Project update
- Share draft results:
  - GHG Emissions Forecast
  - GHG Reduction Targets
- Get your feedback on City actions to reduce emissions **before** they are developed
- Q&A / Public Comment

# How to Participate in the Meeting

Use the Q&A feature at the bottom of your screen.



Submit Comments/  
Questions During  
the Meeting



Having Issues With  
Zoom During The  
Meeting?

Email: [CAP@cityofranchocordova.org](mailto:CAP@cityofranchocordova.org)

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Zoom Comments/Questions? Send message using Q&A

# Contact Information

- Visit the City's CAP Website for project information and to receive automatic email updates about events and milestones

<https://www.cityofranchocordova.org/cap>



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# CAP Project Update

# Why is the City preparing a CAP?

- City's first CAP; CAPs are not required of local governments – they go above and beyond
- Reduce emissions in alignment with State goals and targets and increase community's resilience to existing and future climate effects
- Establish City-wide strategy for climate action and guide future decision making
- Result in a consistent way to reduce GHG emissions for future projects
- Support housing production to meet market demand
- Leverage other regional sustainability programs

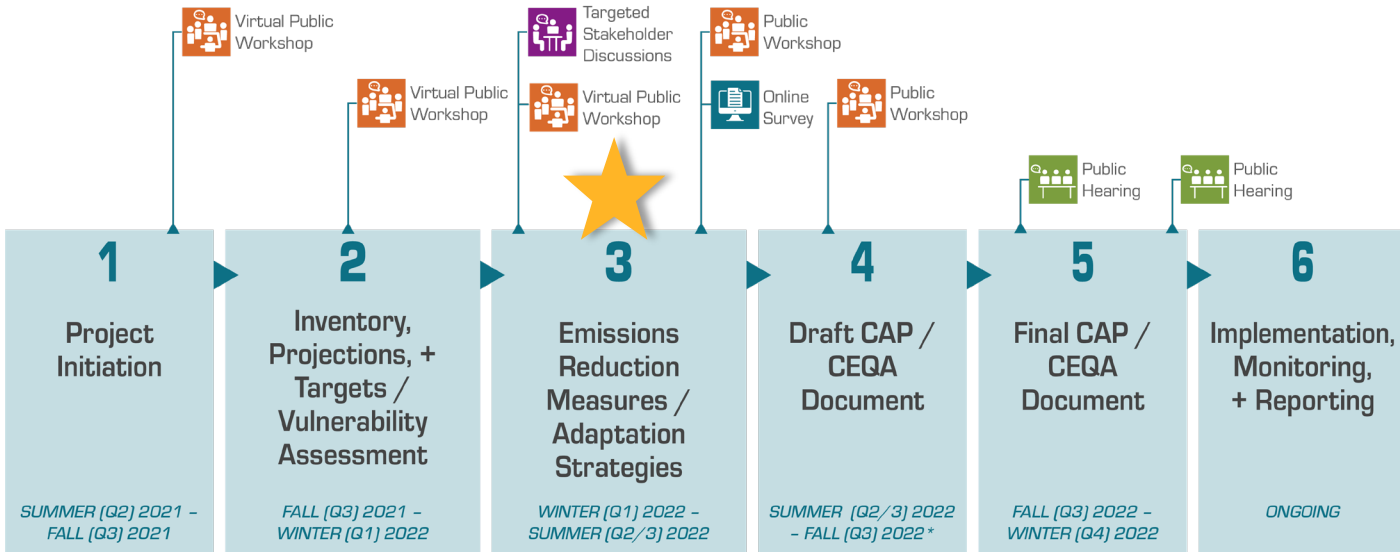
# CAP Progress to Date

Completed-To-Date	In-Process	Upcoming
<ul style="list-style-type: none"><li>▪ GHG Emissions Inventory</li><li>▪ Vulnerability Assessment</li><li>▪ Workshop #1: CAP Overview</li><li>▪ Workshop #2: Inventory and Vulnerability Assessment</li></ul>	<ul style="list-style-type: none"><li>▪ GHG Emissions Forecast</li><li>▪ GHG Emission Reduction Target</li><li>▪ Community Input on GHG Reduction Measures</li></ul>	<ul style="list-style-type: none"><li>▪ GHG Reduction Measures</li><li>▪ Workshops</li><li>▪ Survey</li><li>▪ Climate Adaptation Strategies</li><li>▪ CAP document</li><li>▪ CEQA Compliance</li></ul>

# Anticipated CAP Project Timeline



E-mail us at: [CAP@cityofranhocordova.org](mailto:CAP@cityofranhocordova.org)



= We Are Here

\* Timing assumes the preparation of an Initial Study / Mitigated Negative Declaration.

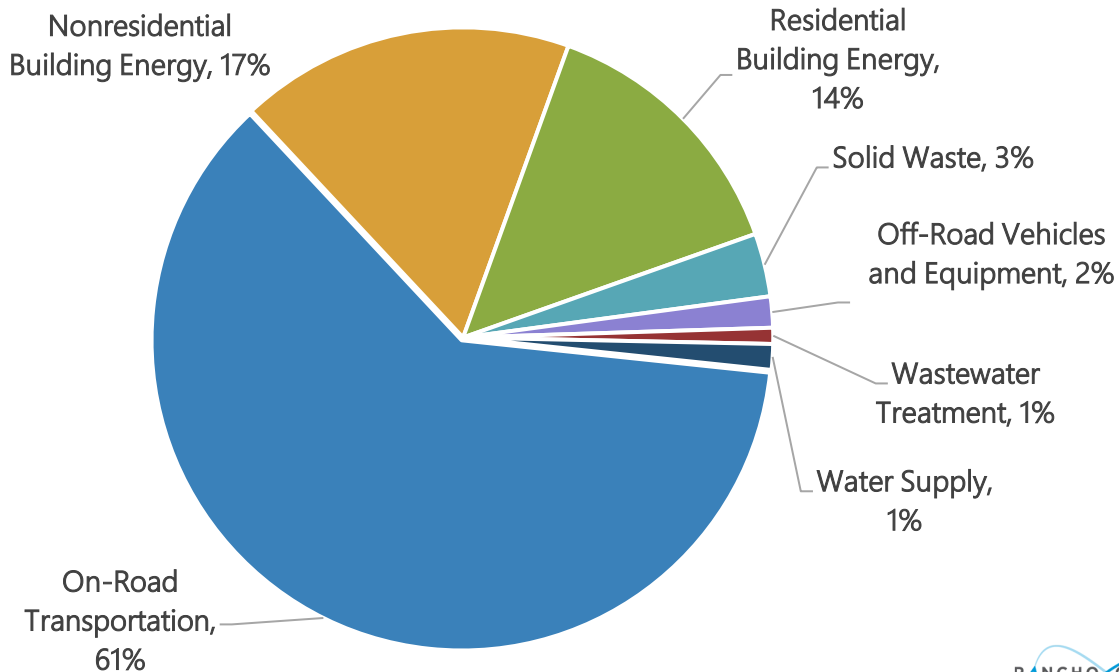
# Greenhouse Gas Emissions Forecast

Overview and Results

# Purpose of Greenhouse Gas Emissions Forecast

- Understand how **population, housing, job growth** affects communitywide emissions
- Identify **federal, State, regional actions** that affect communitywide emissions
- Show emissions reductions needed to **align with State targets and goals**
  - 40 percent below 1990 levels by 2030 (State law)
  - Carbon neutrality no later than 2045 (State goal)

# 2019 Greenhouse Gas Emissions Inventory



# Forecast Methods – Business-as-usual

- Business-as-usual = future emissions levels if no new action taken
- Based on amount of growth and driving projected for City by Sacramento Area Council of Governments
  - Population, Housing, Jobs, Vehicle Miles Traveled (VMT)

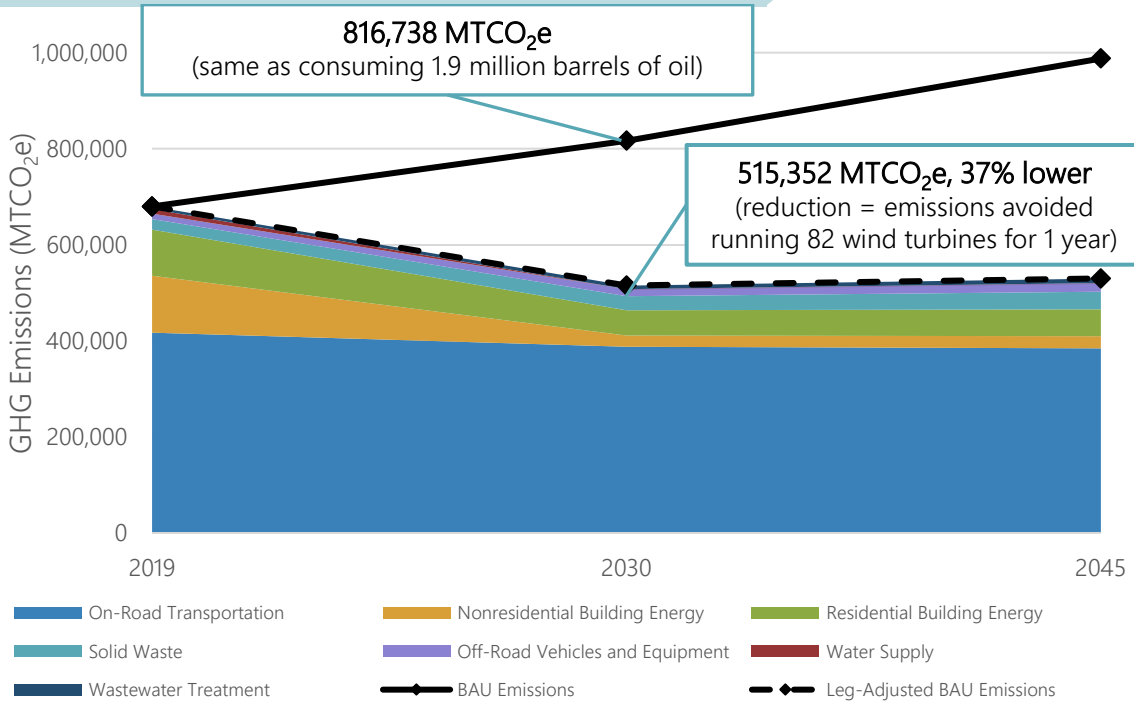
Forecast Factor	2019	2030	2045
Population	77,579	102,122	125,427
Employment	61,991	73,604	84,213
Annual VMT	919,218,798	1,071,357,646	1,307,495,381



# Forecast Methods – Identifying Reductions from Federal, State, and Regional Actions

Source	Legislative Reduction	Sectors Applied
Regional	2030 Zero Carbon Plan	Residential and Nonresidential Building Energy, Water Supply
State	California's Building Energy Efficiency Standards (2019 Title 24, Part 6)	Residential and Nonresidential Building Energy
State	Advanced Clean Car I Standards	On-Road Transportation
State	Truck and Bus Regulation	On-Road Transportation
Federal	Fuel Efficiency Standards for Medium- and Heavy-Duty Vehicles	On-Road Transportation
Federal	EPA Off-Road Compression-Ignition Engine Standards	Off-Road Vehicles and Equipment

# Forecast Results – Business-as-usual and Reductions from Federal, State, Regional Actions

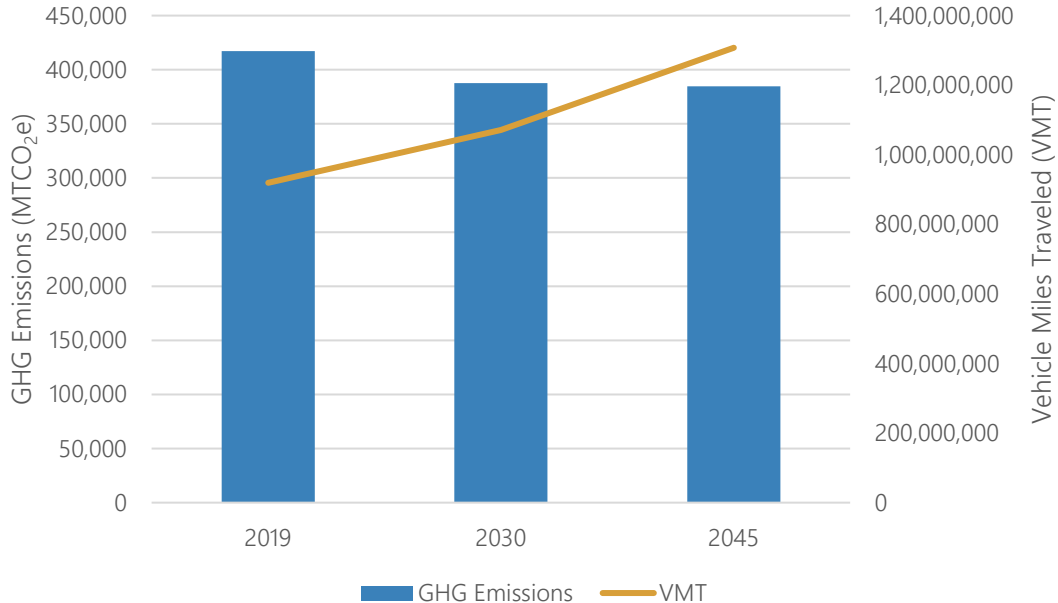


# Greenhouse Gas Emissions Forecast

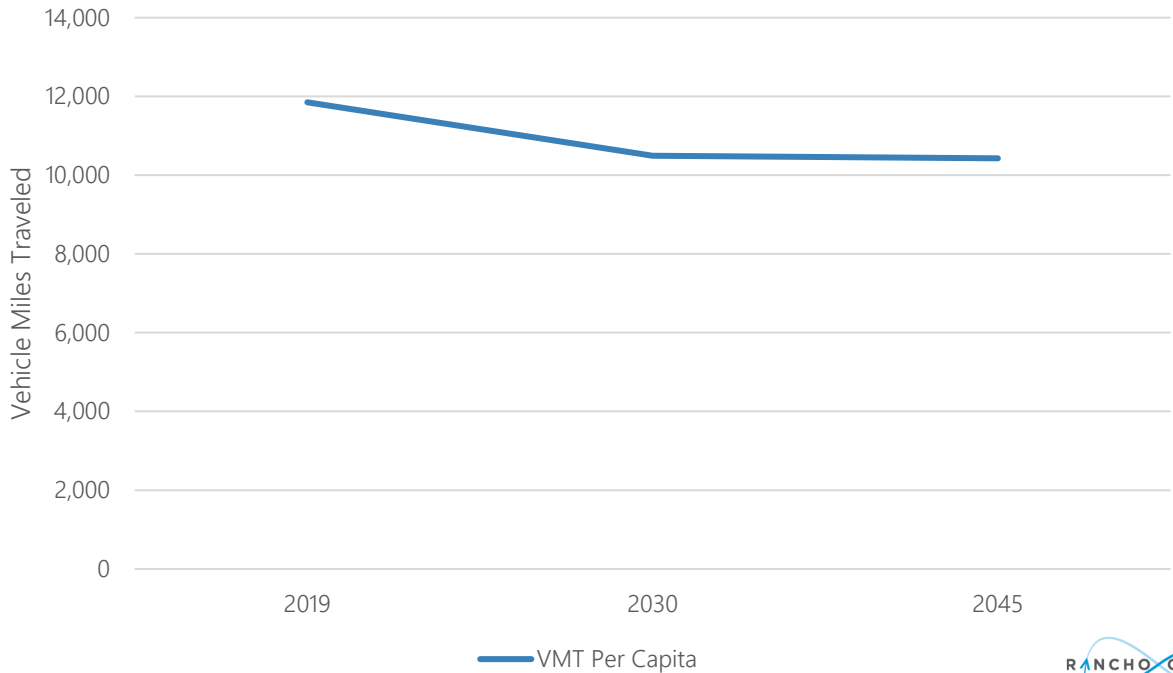
Sector-Specific Results

# On-Road Transportation

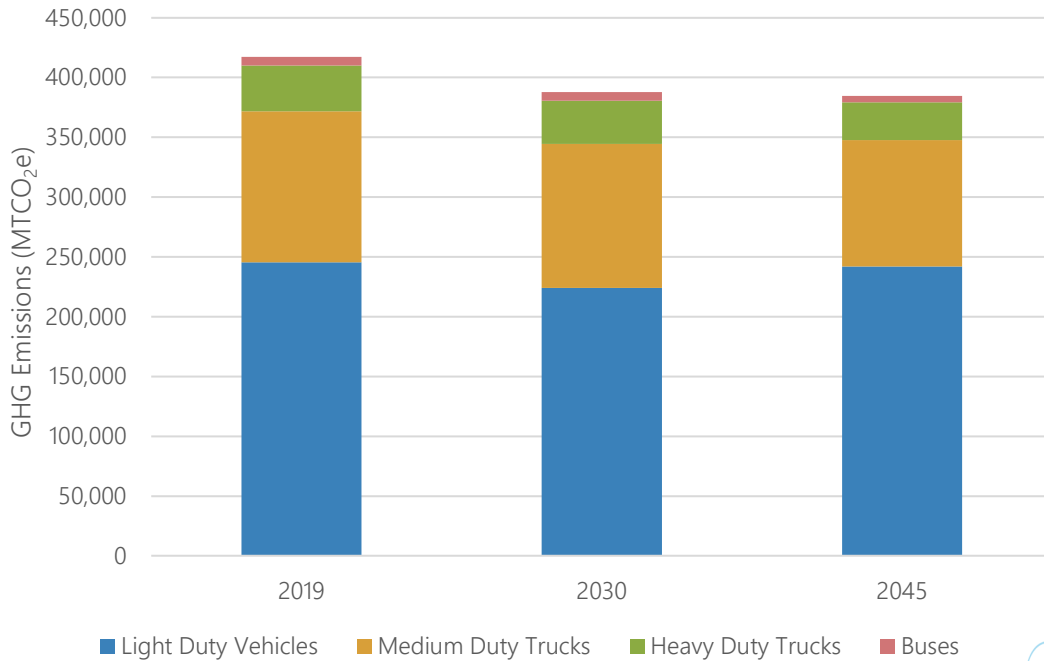
Annual transportation emissions in 2030 = emissions from consuming **over 43 million gallons of gasoline**



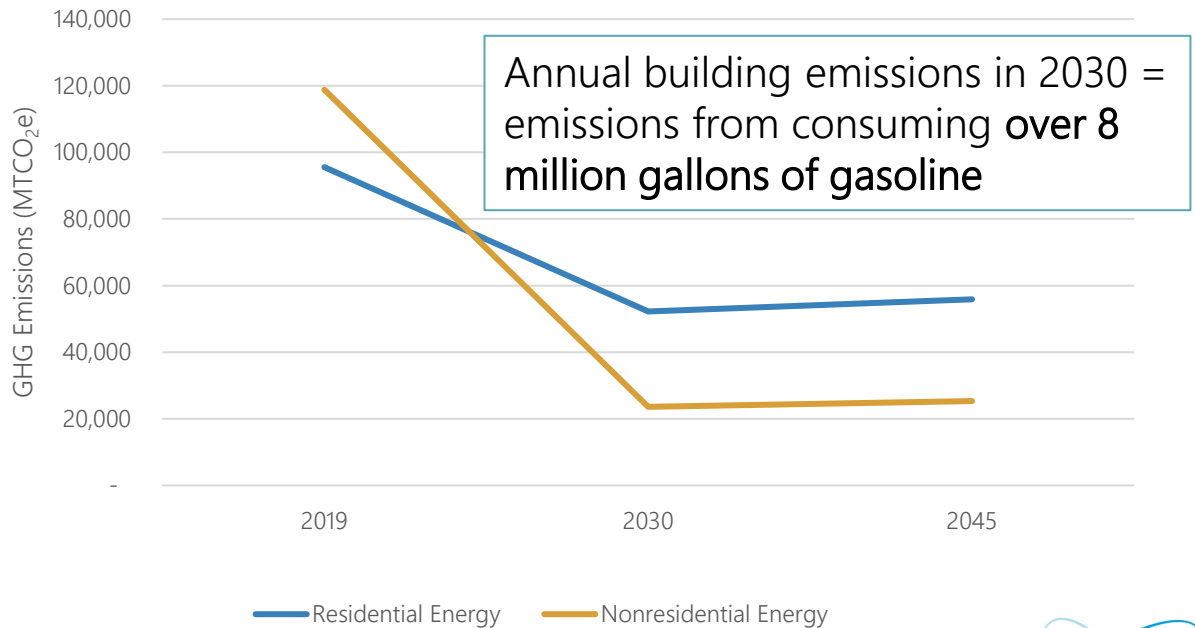
# On-Road Transportation



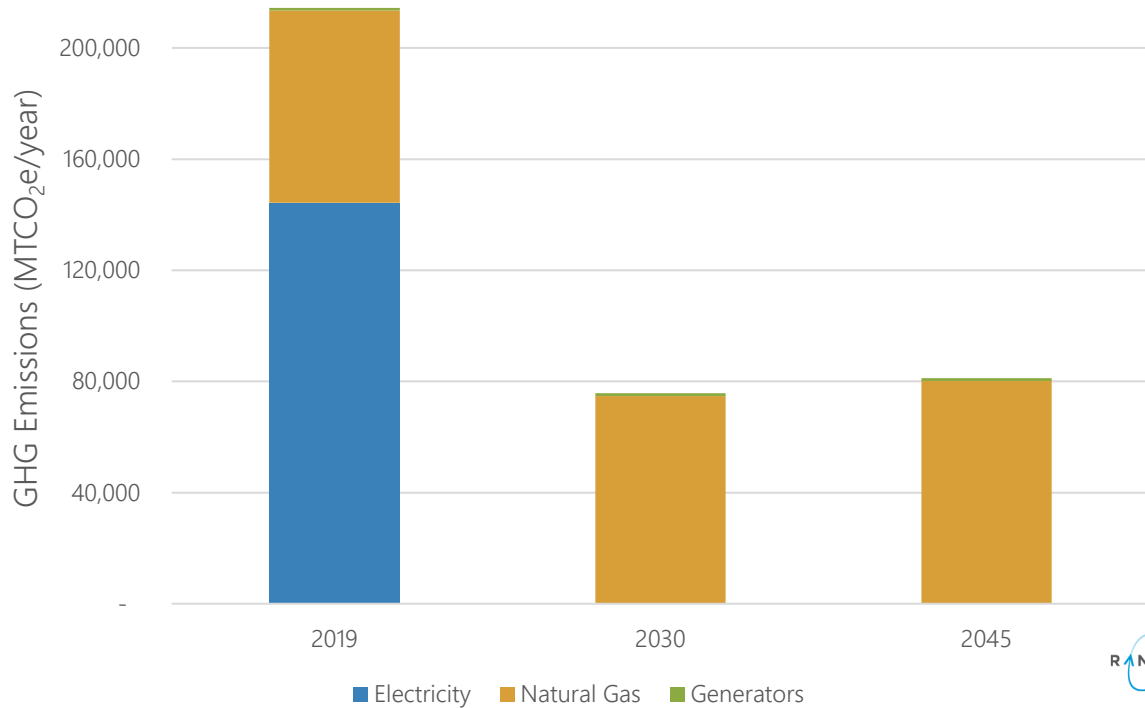
# On-Road Transportation



# Building Energy

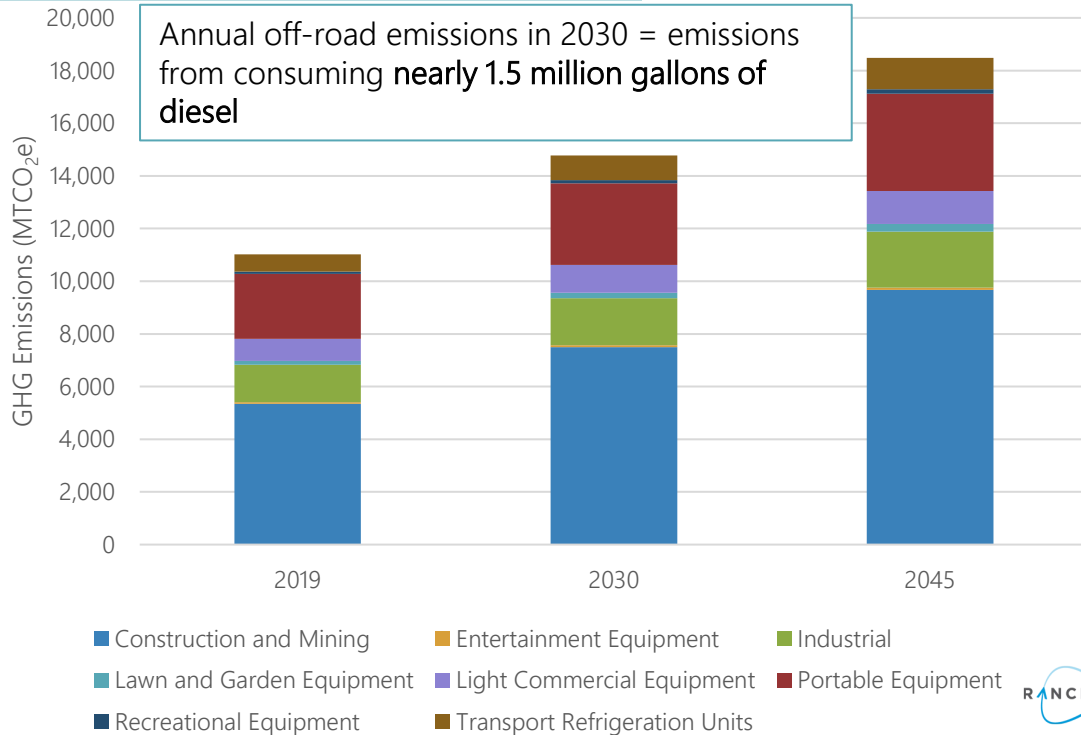


# Building Energy

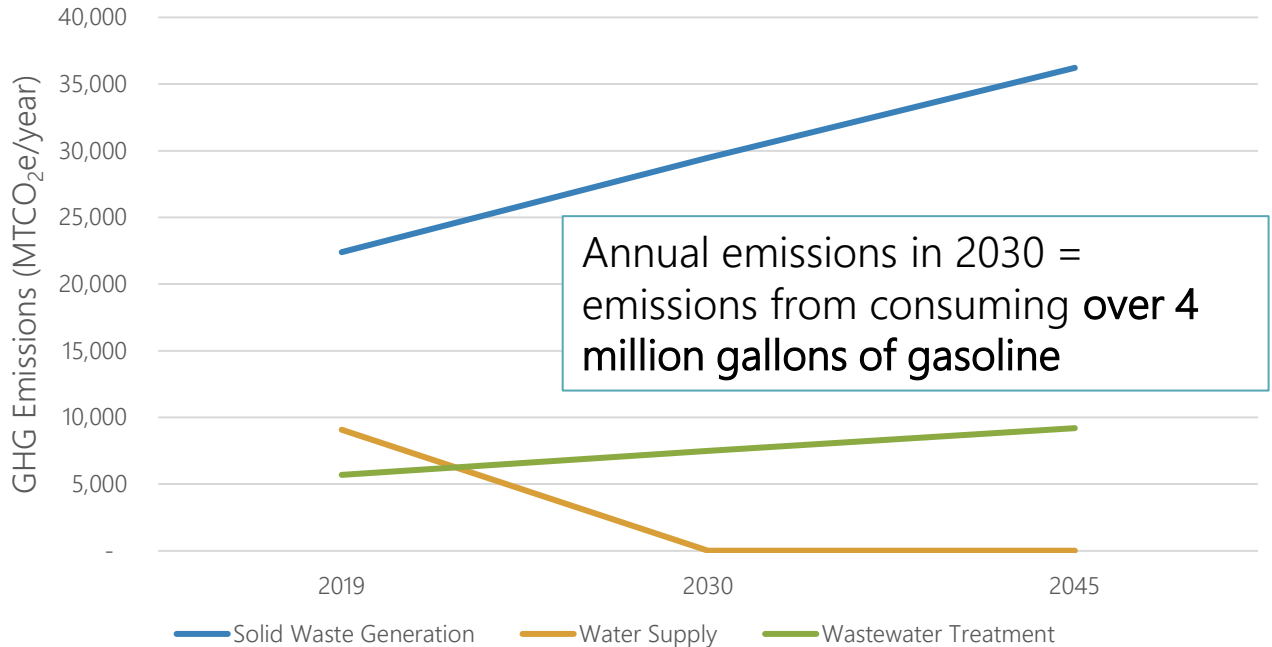




# Off-Road Vehicles and Equipment



# Solid Waste, Water, and Wastewater

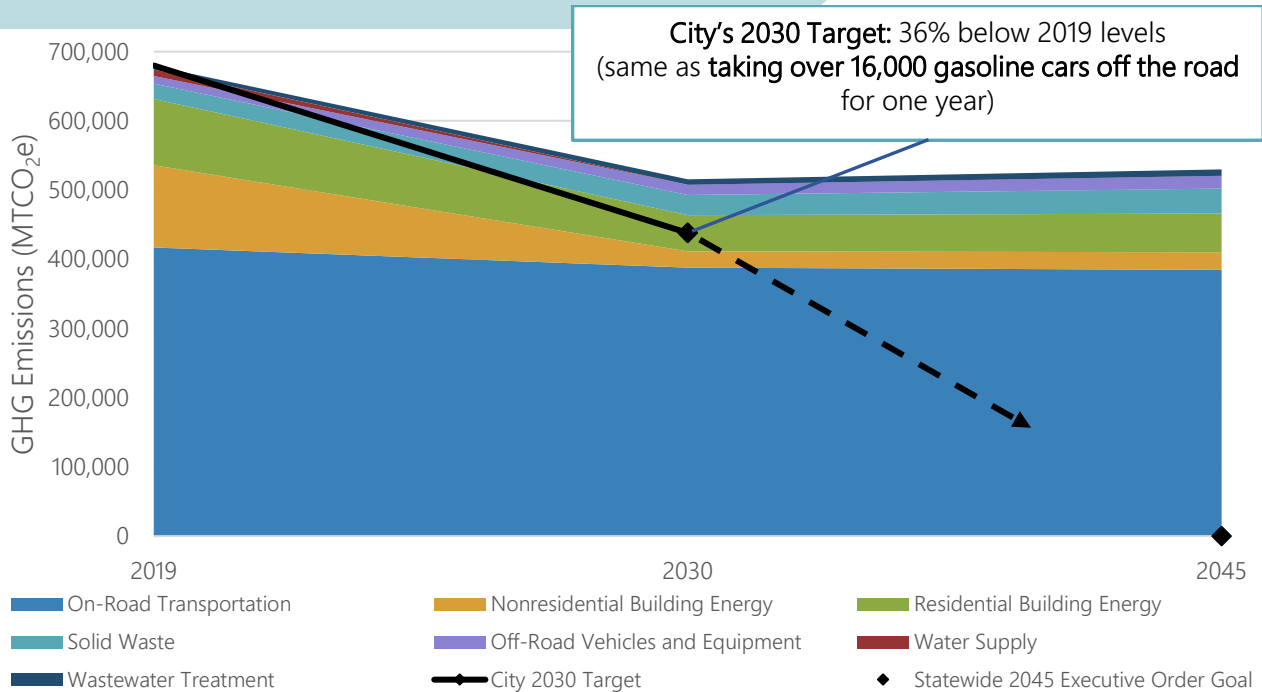


# Reduction Targets

# Setting CAP Targets and Goals

- **CAP target:** 2030 communitywide emissions levels in alignment with State target
  - **State:** 40% below 1990 levels by 2030
  - **Adjusted for City:** 36% below 1990 levels by 2030
- **CAP goal:** continue downward trajectory on communitywide emissions levels towards 2045, anticipate further State policy changes

# Forecast Emissions and City's Reduction Target



# Tell us what you think

Ways to reduce climate-warming emissions

# Polling Questions

- Collect ideas on actions City government could take
- Use suggestions to inform development of draft measures
- Will review draft measures at future public workshop

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Join at [slido.com](https://slido.com)  
#123916

ⓘ Start presenting to display the joining instructions on this slide.



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Which would allow people to bike and walk more?

ⓘ Start presenting to display the poll results on this slide.

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Which would  
increase public  
transit ridership?

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Which would  
increase electric  
vehicle use?

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Which would  
reduce drive alone  
vehicle trips?

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Which would reduce emissions from medium and heavy duty trucks, like delivery vehicles or tractor-trailers?

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What other measures do you think would be effective in reducing transportation emissions?

ⓘ Start presenting to display the poll results on this slide.

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Which would decrease natural gas use and improve overall energy efficiency in existing buildings?

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Which would decrease natural gas use and improve overall energy efficiency in new buildings?

ⓘ Start presenting to display the poll results on this slide.



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What other measures do you think would be effective in reducing emissions from buildings?

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Which would  
reduce the disposal  
of organic waste?

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Are there other measures you think would be effective to reduce emissions from organic waste?

① Start presenting to display the poll results on this slide.

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# Which would reduce water use?

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What other measures do you think would be effective in reducing emissions from water use?

**i** Start presenting to display the poll results on this slide.

# Public Comment / Q&A

# GHG Forecast and Targets Discussion



**WE WANT TO HEAR  
FROM YOU!**



**PLEASE SHARE  
ADDITIONAL  
COMMENTS**



**ASK ANY  
QUESTIONS**

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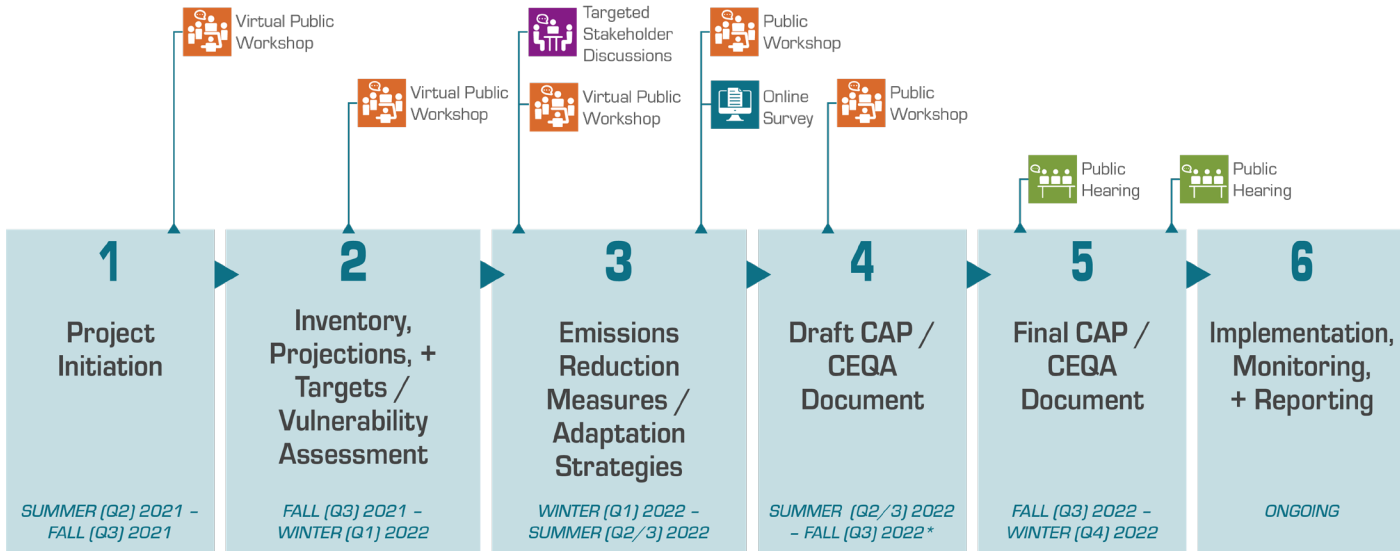




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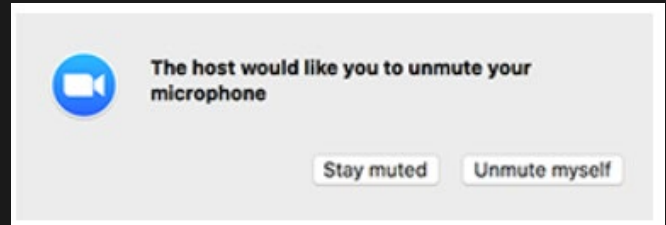
# Providing Public Comments via Zoom

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Zoom Comments/Questions? Send message using Q&A

Select Raise Hand if you wish to be added to the queue to speak

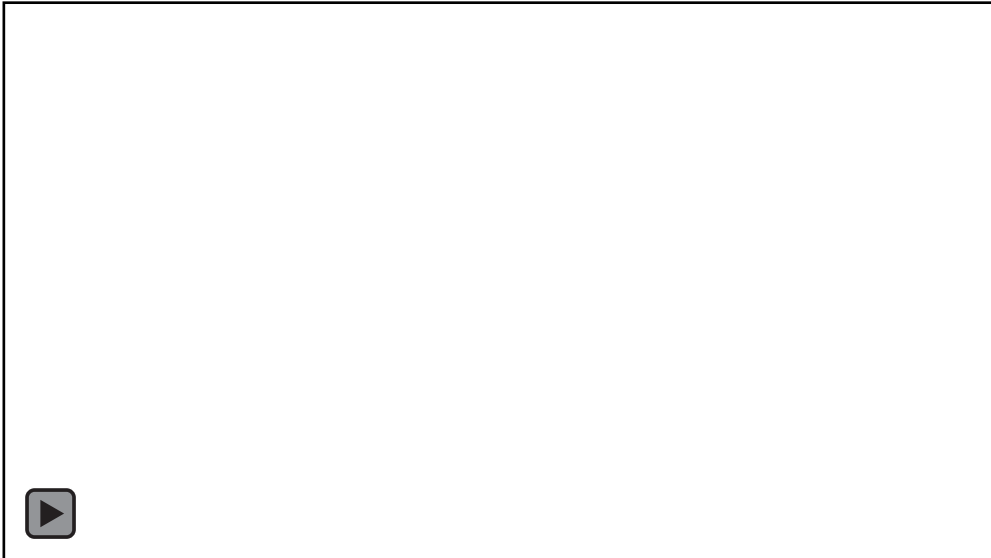
Example of host would like you to unmute



## Providing Public Comments by Phone

- Press Star (\*) 9 to indicate you would like to speak
- Listen for the message: “The host would like you to unmute your microphone. You can press Star (\*) 6 to unmute”
- When you are done with your comment, please press Star (\*) 6 to re-mute

# Public Comment



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<https://www.cityoffranchocordova.org/residents/community-topics/climate-action-plan>



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**Thank you for joining!**