

# **Discussion of the 2021 Sustainability Report and Resolution 494 – Declaring a Climate Emergency**

August 1, 2022



# 2021 Sustainability Report

- Progress and indicators:
  - Climate, Water, and Energy
  - Materials, Food, and Waste
  - Transportation and Mobility
  - Trees, Parks, and Ecosystems
  - Resilient Communities



# 2021 Accomplishments

- Expanded sidewalk network, increased walkability
- Significant increase in green-certified units
- Increasing impact of Green Shoreline Partnership and urban forest programs
- Improving stream water quality and Salmon Safe implementation
- Race to Zero and climate action progress



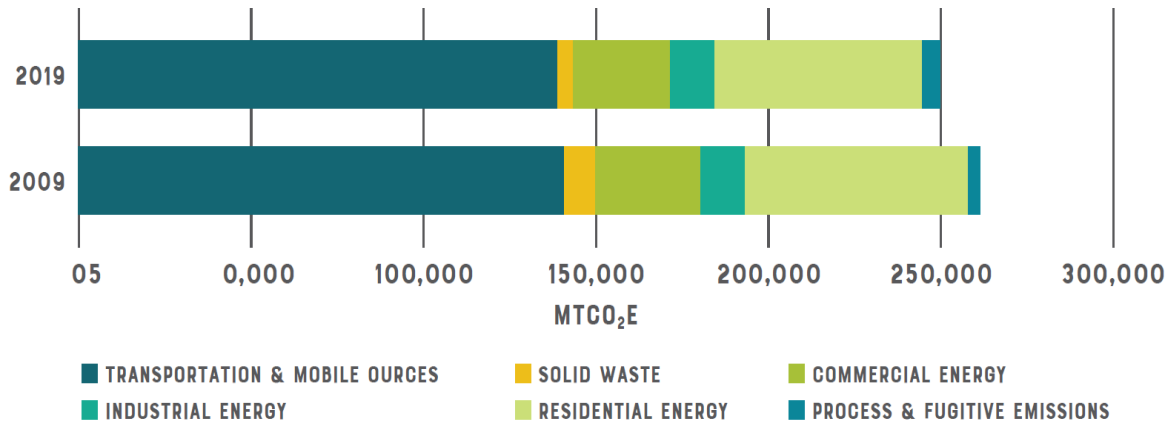
# Cities Race to Zero

- Shoreline-specific, science-based 2030 GHG emissions reduction target to achieve our fair share of the Paris Climate goals
- Take at least one high-impact action in 2021
- Declare a climate emergency via resolution
- Plan actions needed to reach targets and report



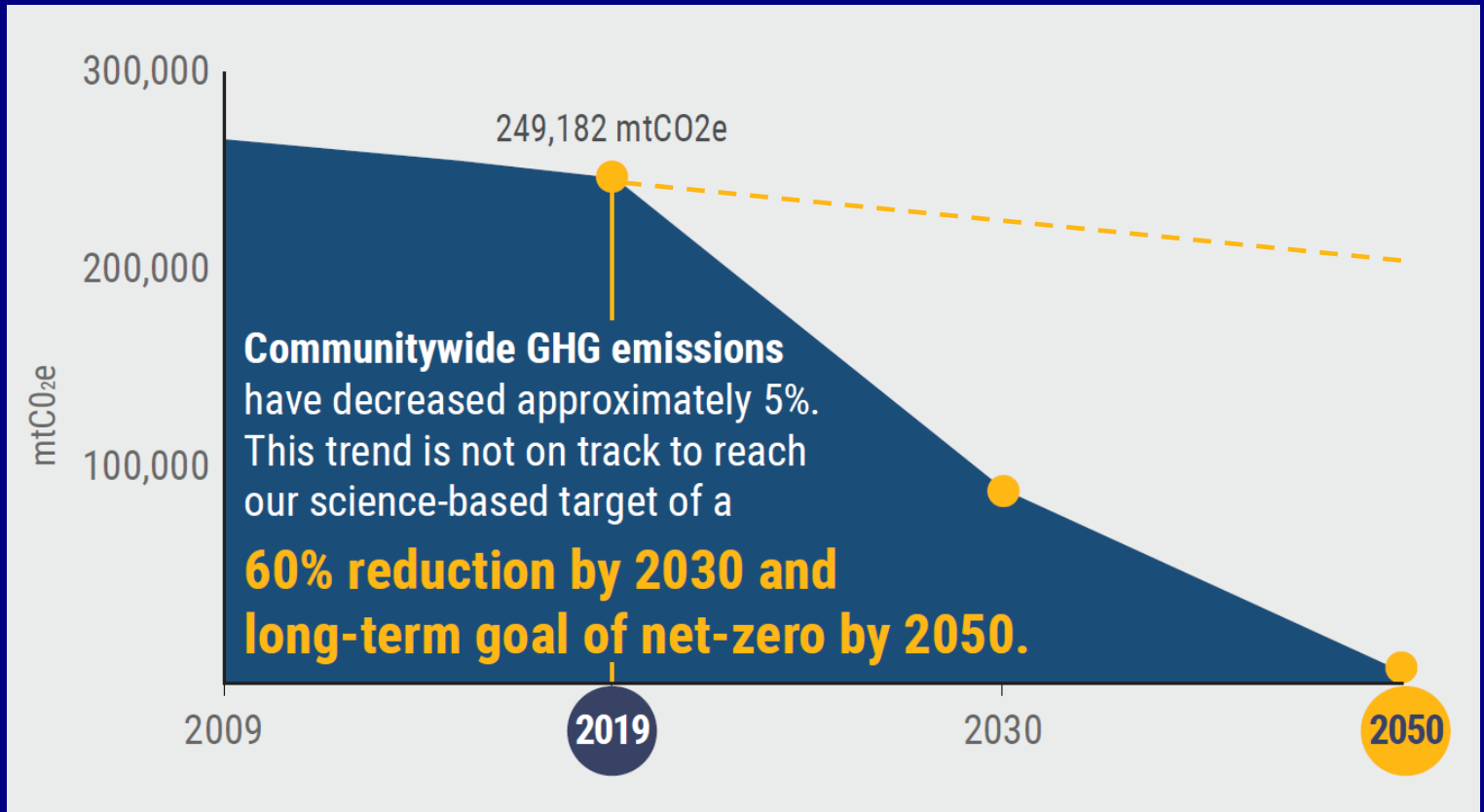
# GHG Emissions 2009-2019

YEARLY COMPARISON OF EMISSIONS FOR SHORELINE FROM 2009 TO 2019.



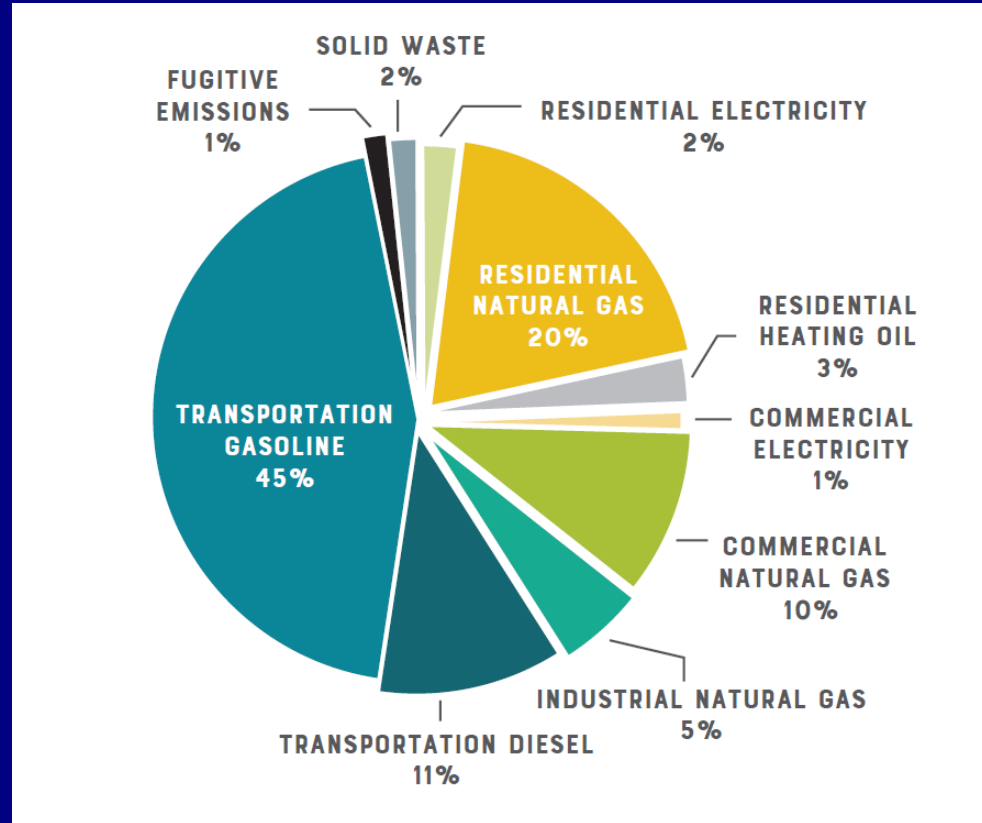
- 5% total decrease
- 10% per capita decrease
- Reduced solid waste emissions and driving per person

# GHG Emissions 2009-2019



# 2019 Emissions Inventory

- Transportation (gas and diesel) = 56%
- Buildings (Natural Gas and Heating Oil) = 38%
- Electricity = 3%
- Solid waste = 2%



# Climate Action Plan update

- Identify high-impact actions to reduce emissions and meet targets
- Increase carbon sequestration by trees and ecosystems
- Increase community resilience to climate impacts



Transportation  
& Land Use



Buildings  
& Energy



Consumption  
& Waste



Ecosystems &  
Sequestration



Preparedness  
& Resilience



# Resolution 494

“Declaring a climate emergency and directing the City to take accelerated and comprehensive action to address the climate crisis”

- Recognizes climate change as a threat that warrants comprehensive, accelerated action
- Commitment to implement actions to reach science-based targets and increase resilience in five key areas: *transportation, building energy, ecosystems, zero waste, and resilience*
- Commitment to environmental justice and equitable climate action planning and implementation



# Questions

