



# Climate Action Framework

Transportation and Mobility Commission Workshop/Public Hearing  
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# Agenda

- CAF overview
- CAF impact
- Moving forward





# Presentation Purpose

**To present a high-level overview of the content and impact of the City's newly adopted Climate Action Framework (CAF)**

- Informational presentation
- Anticipating a second presentation on transportation-specific applications of the CAF for this group later in the year.

# Prior Council Review

**13 total** Council touchpoints in total from 2020 - 2022

## **Nov 23, 2020 Council Workshop**

- First step in the journey
- Staff provided an overview of the GHG emissions forecast and options for emission reduction targets

## **Dec. 5, 2022**

- Climate Action Framework is unanimously adopted

# Section Overview



**Overview**



**Impact**



**Moving Forward**

# Alignment with Universal Policy Priorities



## Climate

- The CAF is the City's blueprint to reduce GHG emissions and build resiliency to climate change impacts.



## Equity

- Supports a just and equitable transition to carbon neutrality



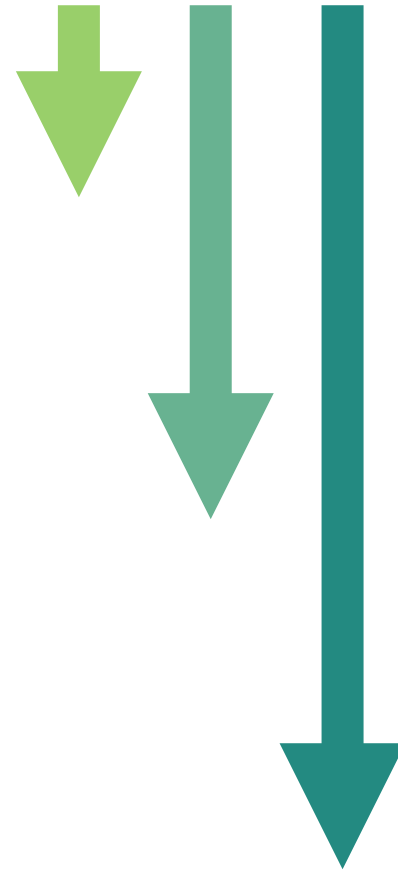
## Safety

- Builds resilience to the impacts of climate change and prioritizes supporting low-income residents and communities of color that are most affected by climate impacts.

# CAF Overview



## City of Vancouver Climate Action Goals



**2025:** 80% reduction in City municipal GHG emissions

**2030:** 80% reduction in GHG emissions by the Vancouver community

**2040:** Carbon neutral by both municipal operations and the Vancouver community

\* Goals are relative to the baseline year of 2007.

# CAF Overview



## Framework overview

**6**  
Sections

**14**  
Strategies

**86**  
Actions

	Actions	Section
	<b>16</b>	Building Energy
	<b>26</b>	Transportation & Land Use
	<b>11</b>	Natural Systems
	<b>6</b>	Solid Waste & Wastewater
	<b>17</b>	Equity & the Green Economy
	<b>10</b>	Governance



# Transportation



- Shift driving trips to walking, biking and transit.
- Transition to zero-emission vehicles.
- Use cleanest fuels available.



# Natural Systems

- Accelerate urban tree canopy infill.
- Preserve the integrity of the existing mature tree canopy.
- Expand natural greenspaces.
- Supporting community organizations that train youth and BIPOC residents on green infrastructure skills.





# Land Use

- Efficient use of land.
- Grow upward, not outward.
- Provide abundant, affordable housing in walkable 15-minute neighborhoods.





# Solid Waste and Wastewater

- Reduce amount of waste produced.
- Recycle or reclaim materials wherever possible.
- Capture RNG at Wastewater Treatment Facility for on-site use





# Equity & the Green Economy

- Higher education and apprenticeship partnerships
- Climate adaptation and resiliency measures - prioritize serving vulnerable residents





# Buildings and Energy



- Increase energy efficiency of commercial and residential buildings.
- Transition to lowest-carbon power source.
- Decarbonize existing power sources



# Impact



# CAF Impact



## Progress toward City-wide goals

The current iteration of CAF achieves:

- **73%** of its 2030 citywide goal
- **83%** of its 2040 citywide goal

While the City still has work to do to meet its own ambitious goals, it is on track to **exceed** the Paris Agreement's 2030 targets.



# CAF Impact

## Continuous improvement

- Ongoing stakeholder and community engagement
- Evaluation and updates of the CAF every 4 years
- Climate Community Advisors panel



# CAF Impact



## Cost Estimates of the top 13 most impactful actions:



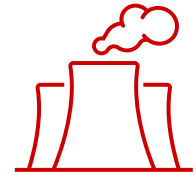
**\$8M**

Average  
annual cost to  
City



**\$98**

Average annual  
cost per capita



**\$15M**

Average  
annual cost of  
inaction



# Moving Forward







# Climate Action in 2023-24 Biennial Budget

**\$16.5M over next two years**  
Projects support multiple City goals, not limited to climate.

**30+ projects**  
HVAC upgrades, EV infrastructure, tree canopy expansions, online services for customers



# Moving Forward

## Alignment with other City Plans

- Land use and transportation actions will mainly be implemented via the Comp Plan, Strategic Plan, and TSP.
- Many of the actions from the Building section will be implemented via a new Green Building Policy (in development for 2023).





# Example transportation actions:

- TLU-2.8 Improved pedestrian infrastructure
- TLU-2.11 Transportation demand management requirements
- TLU-2.13 Improved bicycling infrastructure
- TLU-2.15 Shared mobility options





# Thank You

To learn more, visit <https://www.cityofvancouver.us/cmo/page/climate-action>

