



Climate Action Framework City Council Meeting

Dec 5, 2022



Rebecca Small, Senior Policy Analyst
Aaron Lande, Program and Policy Development Manager
City Manager's Office

Climate Action Framework



CAF Overview



Impact



Moving Forward

CAF Overview



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

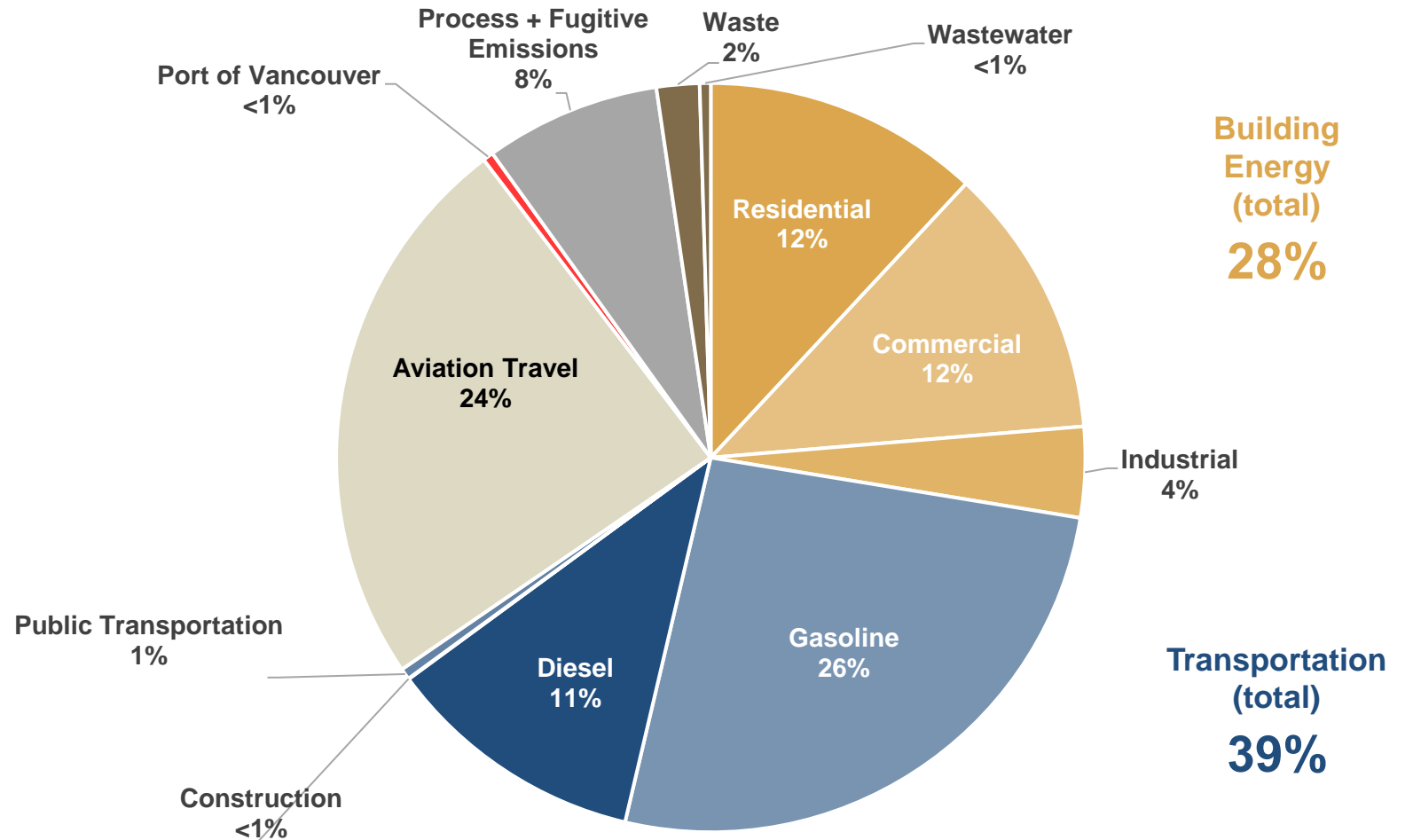
2040: Carbon neutral by both municipal operations and the Vancouver community

* Relative to baseline year 2007

CAF Overview



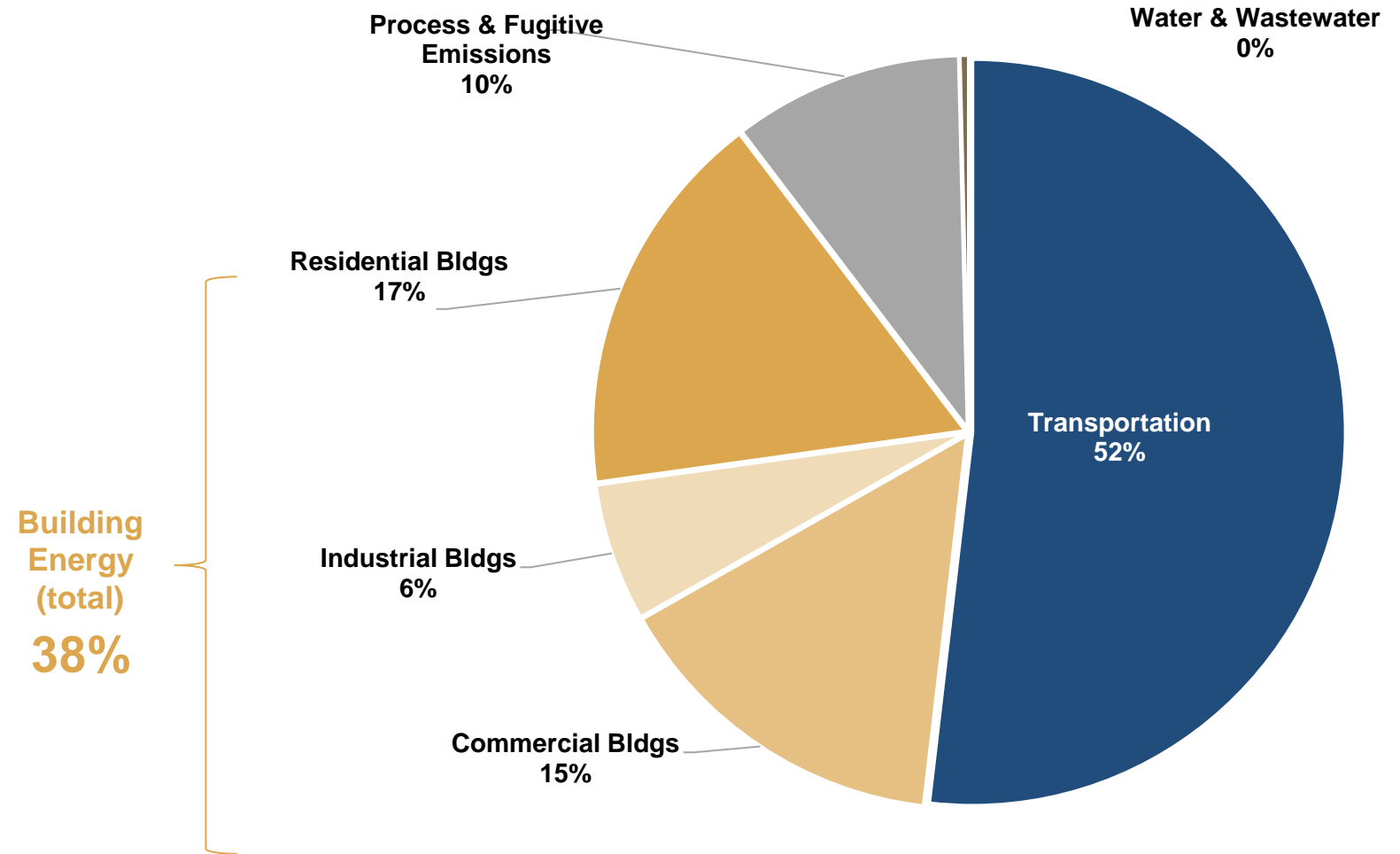
2019 GHG Inventory – All Emissions



CAF Overview



2019 GHG Inventory - Scope 1 & 2 Emissions



CAF Overview



Engagement to date

575 Survey responses

53 Meetings with individual stakeholders and community groups

7 Roundtables with a stakeholder advisory group

6 Grad students that created an Equitable Climate Adaptation Plan for Vancouver

5 Rounds of City staff input from 6 departments

2 Models to estimate emissions reductions and costs of key actions

1 Multi-criteria analysis to understand trade-offs of actions

12 Touchpoints with City Council

CAF Overview



Framework overview

6
Sections

14
Strategies

86
Actions

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

Impact



Updates

Actions updated to reflect feedback:

Council policy direction

- Incentive only – electric transition in existing homes
- Follow State guidance on building power
- Phase-out of 2-cycle lawn equipment

Community input

- Support for community gardens.
- Accelerate tree canopy expansions

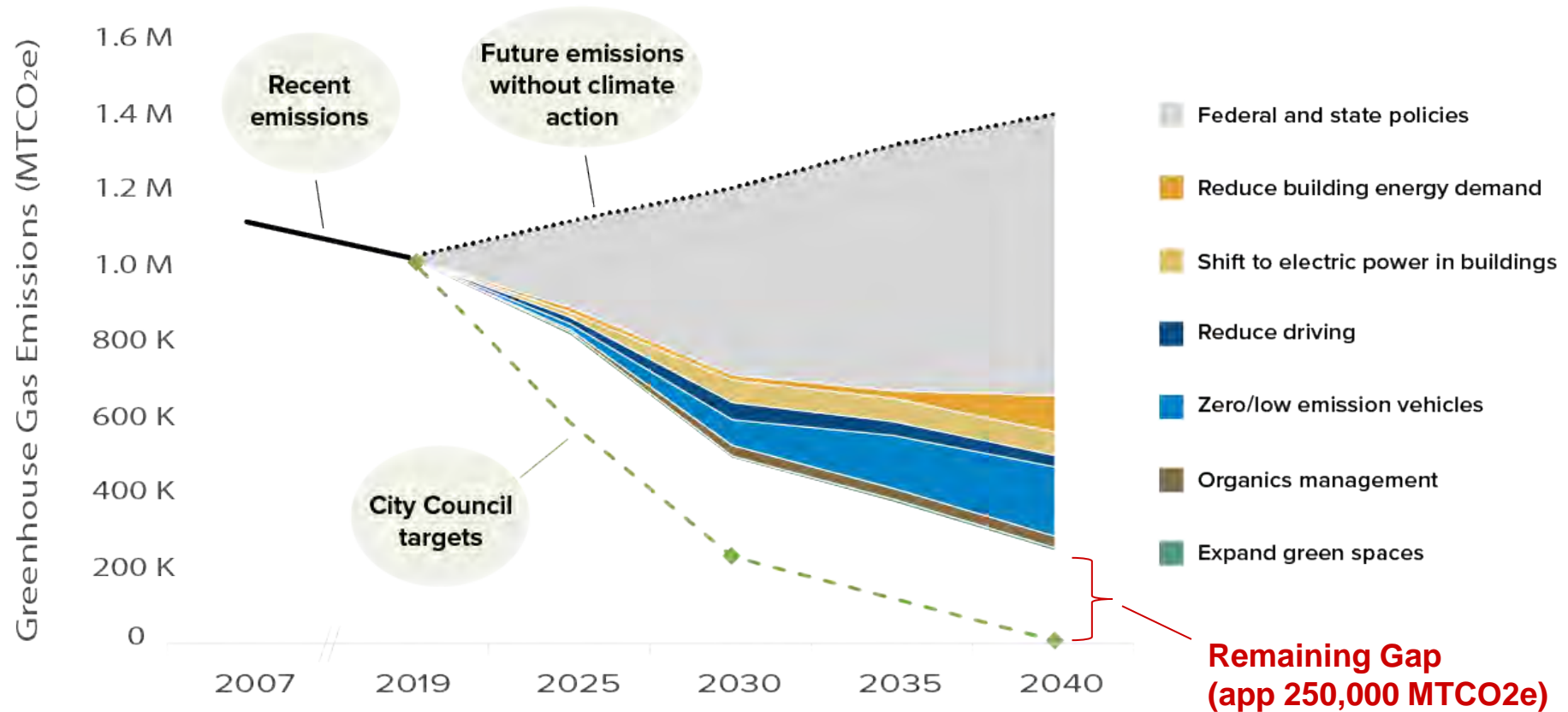
New legislation

- SBCC heat pump requirements
- State Organics Management Law

Climate Action Framework — 10



Total Estimated Impact*



CAF Impact



Progress toward City-wide goals

If the current iteration of the CAF were fully implemented, the City would achieve:

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

	Progress to 2030 Goal		Progress to 2040	
Statistic	Previous Model	Updated Model	Previous Model	Updated Model
% GHG reduction from 2007	61%	56%	84%	78%
% of GHG Goal met	78%	73%	88%	83%

CAF Impact

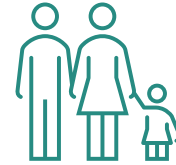


Cost Estimates* of the top 13 most impactful actions:



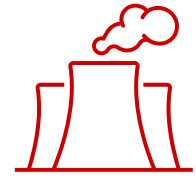
\$8M

Average
annual cost to
City



\$98

Average annual
cost per capita



\$15M

Average
annual cost of
inaction

CAF Impact



CAF Mindset: Continuous improvement

- Ongoing stakeholder and community engagement
- Update of GHG Inventory and CAF actions every 4 years (offset)



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

Inflation Reduction Act

\$369 Billion

Clean energy, climate resilience, and environmental justice

Example Projects

- Clean energy retrofits
- Contractor training
- Urban forestry
- EV & alternative fuel



Moving Forward



IRA Opportunities for Vancouver

- Invest in local green business development
- Community safety and resiliency measures
- “Leading Edge” facilities

Moving Forward



Alignment with other City plans

- Comp Plan and Strategic Plan updates

Moving Forward



Leading with Equity

- Early investments in community-identified priorities
- Climate Community Advisors
- Resiliency efforts to safeguard most vulnerable



A nighttime photograph of a modern waterfront building with large glass windows and a wooden upper level. To the right, a cable-stayed structure with a tall, illuminated pylon and multiple stay cables extends over a body of water. The scene is lit with warm interior and exterior lights, reflecting on the water. The text "Thank You." is overlaid in the center.

Thank You.



Questions?

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