

Climate Change Update

PDS 17-2023

May 10, 2023

Agenda

- Background
- Climate Change Action Summary
- Climate Change Action Progress
- Emissions Inventory – Milestone 1
- GHG Reduction Targets – Milestone 2
- Next Steps

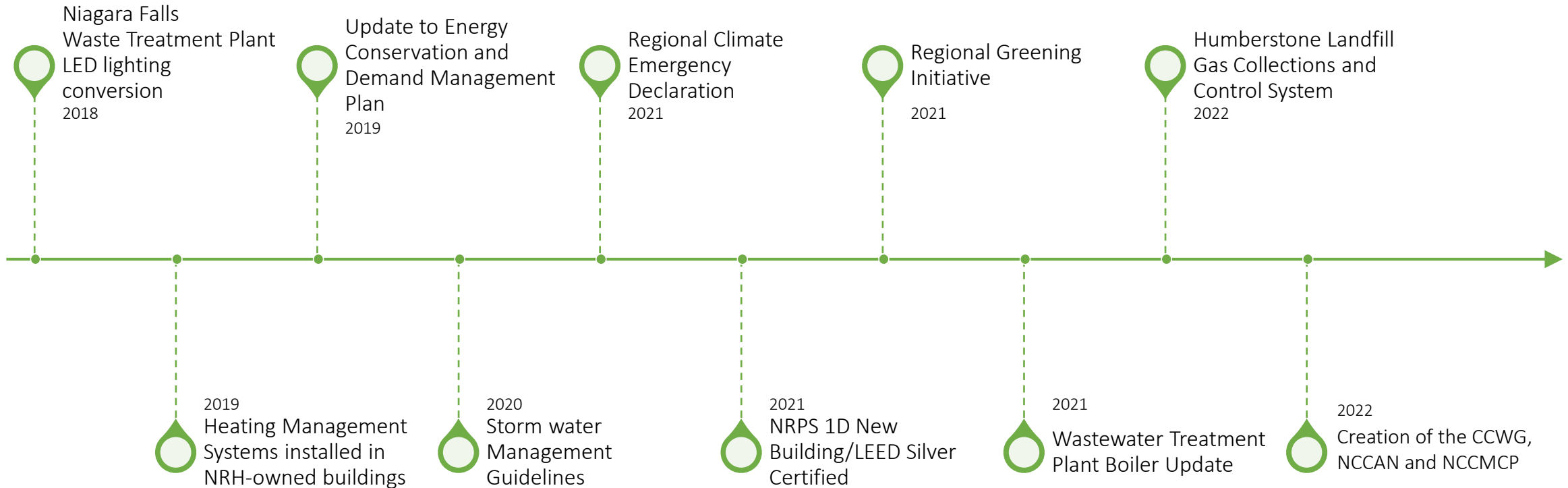




Background

- Global warming of 1.5°C above pre-industrial temperatures will have an adverse effect on natural and built environments
- Municipalities have control over 50% of GHG emissions in Canada
- Ambitious GHG emissions reduction targets contribute to necessary climate change mitigation

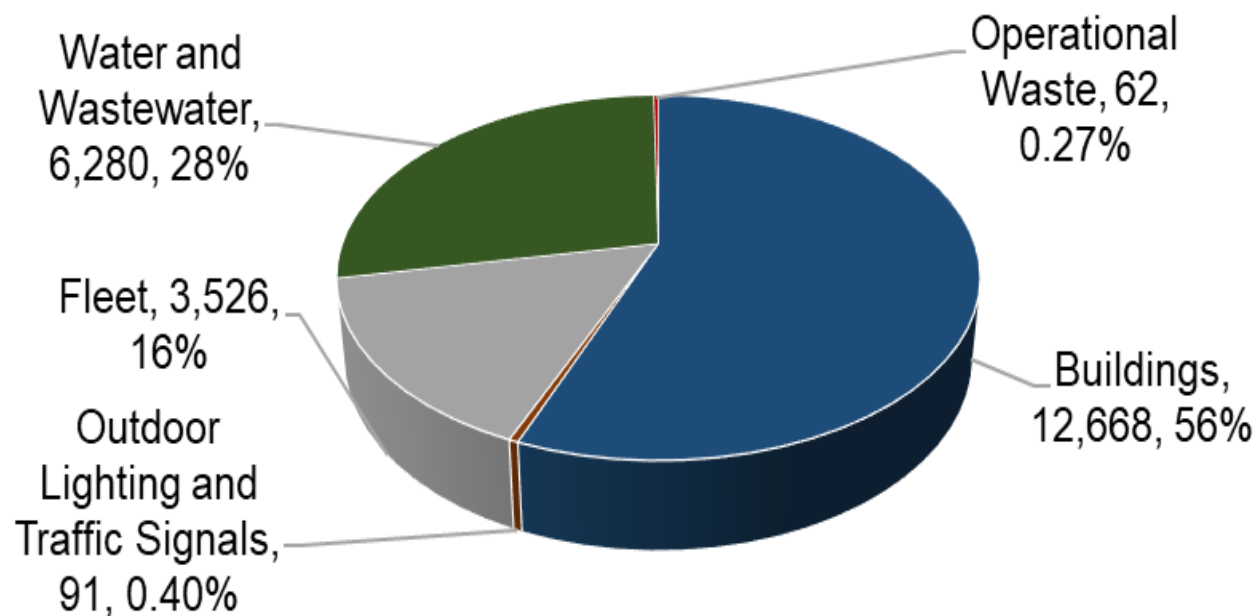
Climate Change Action Summary





Climate Change Action Progress

2018 Scope 1 and 2 Municipal GHG Emissions (tCO2e)



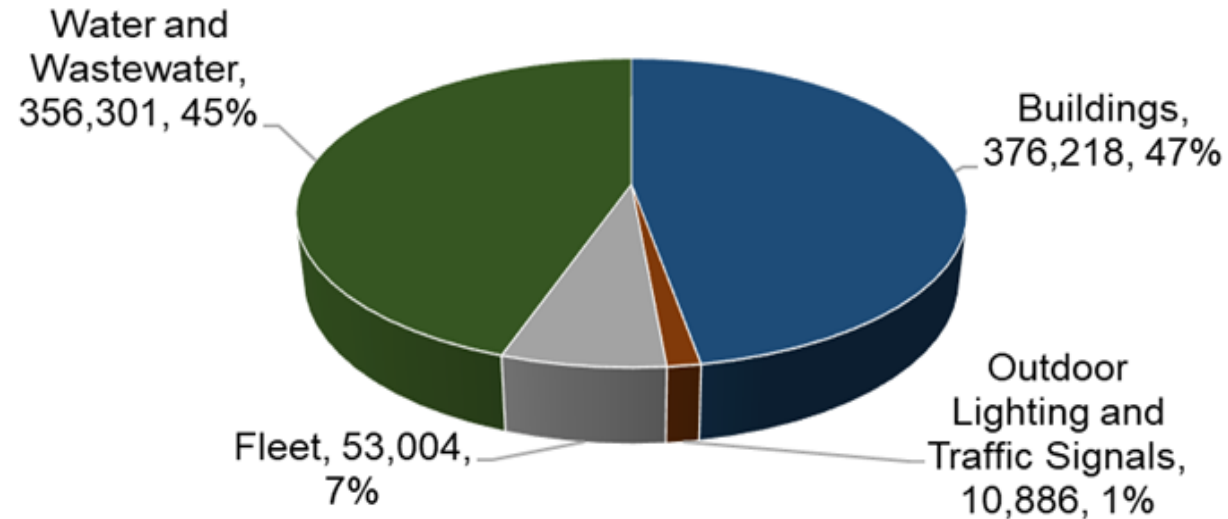
56%
Buildings

28%
Water and
Wastewater

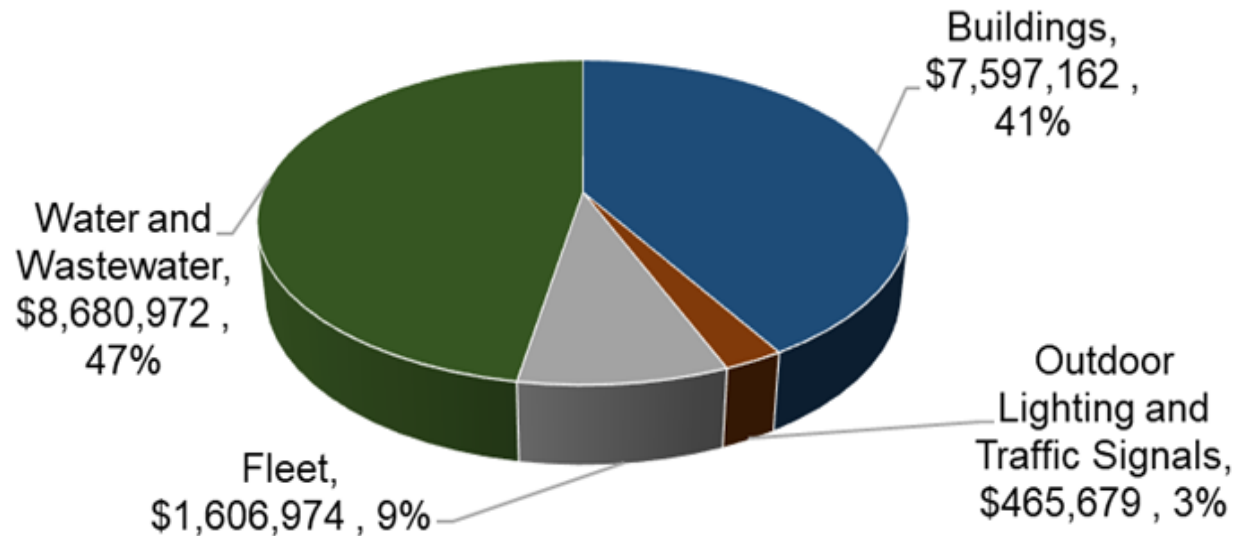
16%
Fleet

Emissions Inventory Milestone 1

2018 Scope 1 and 2 Municipal Energy Consumption (GJ)



2018 Scope 1 and 2 Municipal Energy Costs (\$)



Emissions Inventory Milestone 1

Milestone 2
Proposed Corporate
Greenhouse Gas Emissions
Reduction Target

80%

Emissions reduction by 2050 from 2018



Next Steps



A low-angle shot of a dense forest. Tall, slender tree trunks rise from the forest floor, their branches and green leaves forming a thick canopy overhead. Sunlight filters through the leaves, creating a dappled light effect. The overall tone is natural and serene.

Thank you!