

Climate Action Strategy

Operations Committee

July 20, 2023



Priority of Council

Strategic Plan – Green City – Key Result 5

 Develop a Climate Mitigation Plan as a part of a Climate Action Strategy that incorporates the 2021 Corporate Climate Change Adaptation Plan

Official Plan – 2.2.1 – Climate Change

 Respond and adapt to the impacts of a changing climate and act on the City's responsibility to provide mitigation and adaptation measures to reduce greenhouse gas emissions and increase resiliency to a changing climate



5 Milestone Framework



Timeline

April 2021

Corporate
Climate
Change
Adaptation
Plan

April 2022

"Going
Green in
Grey"
Climate
Change
Action Plan
Approved

September 2022

Proposed
Timeline and
Objectives for
City Climate
Action
Strategy

February 2023

Inventories and Emissions Reduction Targets March 2023

Staff Climate
Action
Education
and
Planning
sessions



Timeline (continued)

April 2023

Draft climate mitigation plan released

April – May 2023

Community
Engagement
on Draft
Climate Action
Strategy

June 2023

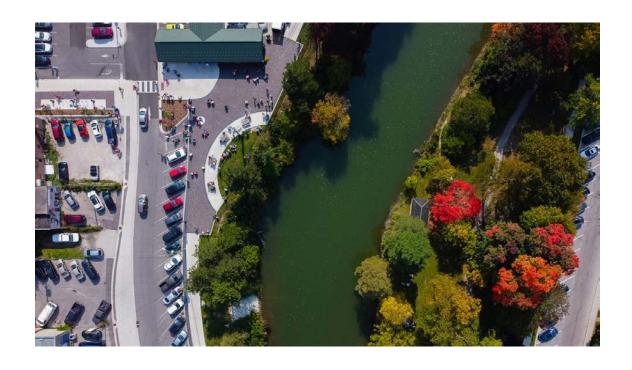
Compiled feedback and drafted Final Climate Action Strategy July 2023

Consideration of final Climate Action Strategy by Operations Committee

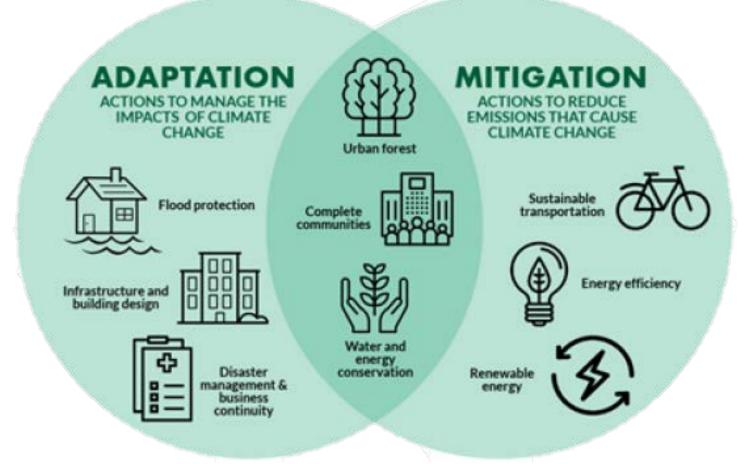


Corporate and Community Actions





Adaptation vs. Mitigation



City's Climate Action Strategy

Climate Action Strategy

Chapter 1:

Climate Mitigation Plan

Chapter 2:

Corporate Climate
Change Adaptation
Plan



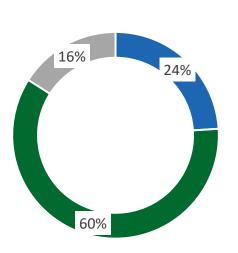
Corporate Climate Change Adaptation Plan



- Identified climatic threats and impacts to infrastructure and services
- Evaluated impacts for vulnerability and risk
- Identified 25 actions to be taken to increase resiliency

Corporate Climate Change Adaptation Plan

Status of Actions within Adaptation Plan



- Proceeding as Anticipated 6 (24%)
 • Complete 15
- (60%)
- Not yet Started/ On Hold 4 (16%)

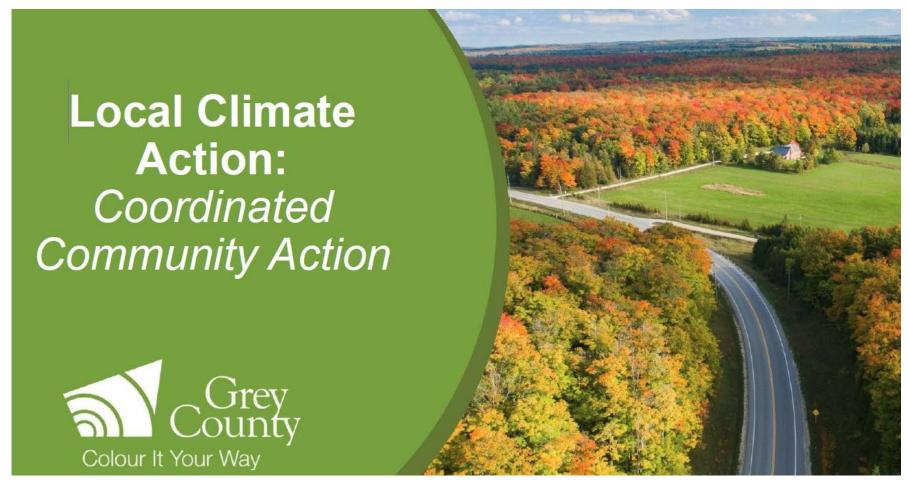
Key Activities:

- Master Stormwater Plan and Drainage Study approved in capital budget for 2024 and 2025
- Completing the construction of the East Bayshore sewage pumping station a location susceptible to sewage bypass events
- Guidelines for extreme heat and extreme cold events have been developed along with a standardized media release

Climate Mitigation Plan

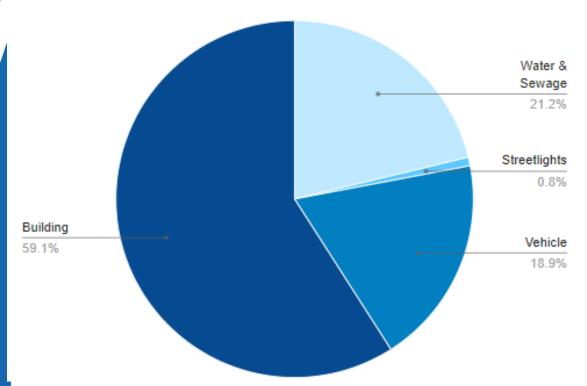


Collaboration



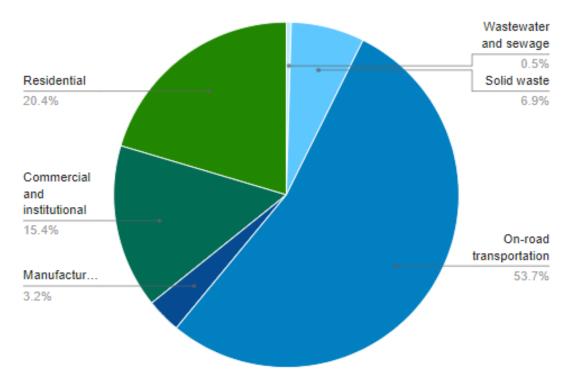
2018 Emission Inventories Aligns with Grey County Climate Action Plan

Corporate GHG Emissions (tCO2e)



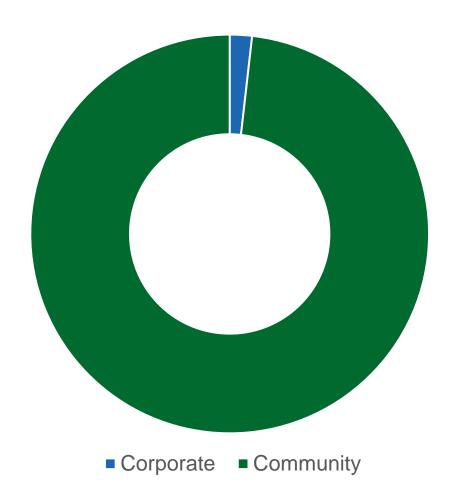
Corporate emissions: 2,699 tCO2e

Community GHG Emissions (tCO2e)



Community emissions: 147,213 tCO2e

Total Emissions (Corporate and Community)



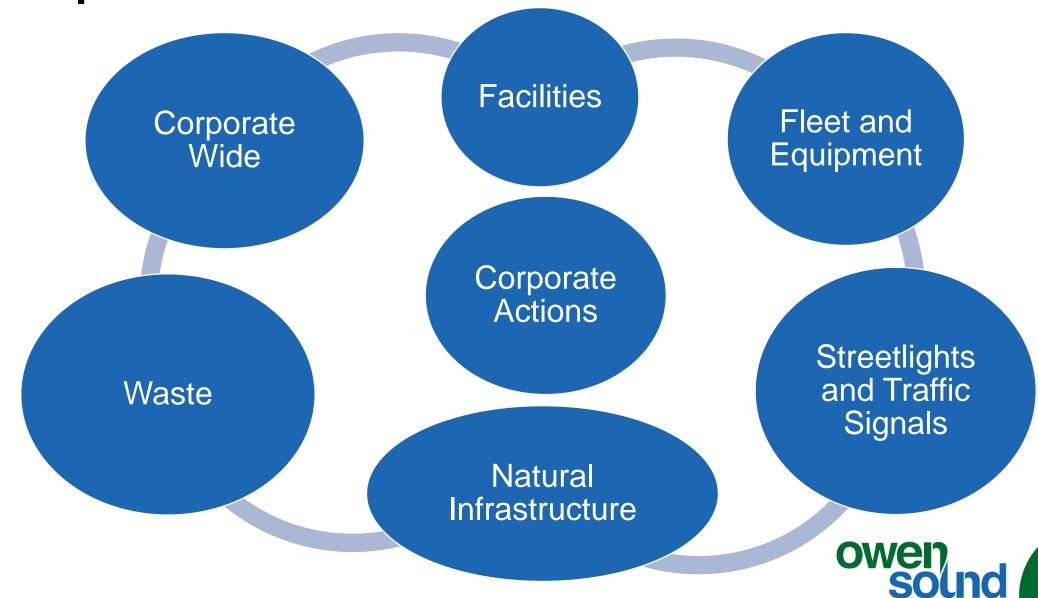
- Total emissions: 149,912 tCO2e
- Corporate emissions: ~1.83%
- Community emissions: ~98.2%

Emissions Reduction Targets

Year	Community Target	Corporate Target
2026	15%	20%
2030	30%	35%
2035	50%	50%
2040	60%	65%
2045	75%	80%
2050	Net-Zero	Net-Zero

Community Actions Energy Outreach and **Buildings** and Engagement Development Community Actions Climate Adaptation Transportation Nature-Waste Based Solutions ower

Corporate Actions



Moving Forward



Thank You!

