

Climate Emergency Action Plan 2022 Progress Report

1. SPPC Report
2. 2022 CEAP Progress Report (Appendix A)

May 30, 2023



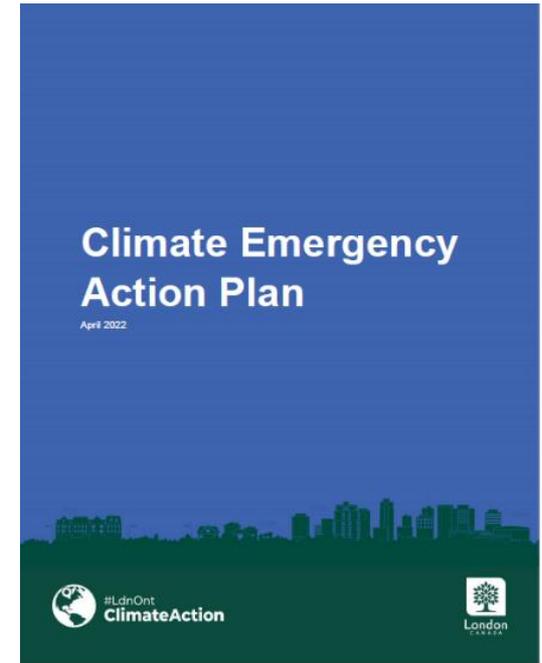
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CANADA

Reminder - CEAP – What does it look like?

- Several SPPC reports (policy and approval process documents)
- CEAP which includes 10 Areas of Focus and workplans
- 13 Background Documents
- Key Questions and Answers
- No new budget or resources for 2022 and 2023



[London's climate emergency declaration | City of London](#)

<https://getinvolved.london.ca/climate>



Council's 2023-2027 Strategic Plan

- Reconciliation, Equity, Accessibility and Inclusion
- Housing and Homelessness
- Economic Growth, Culture, and Prosperity
- Mobility and Transportation
- Wellbeing and Safety
- Climate Action and Sustainable Growth
- Well-Run City



CEAP - 2022 Progress Reports

Report to Strategic Priorities and Policy Committee

To: Chair and Members
Strategic Priorities and Policy Committee
From: Kelly Scherr, P.Eng., MBA, FEC
Deputy City Manager, Environment & Infrastructure
Subject: 2022 Climate Emergency Action Plan Progress Report
Date: May 30, 2023

Recommendation

That, on the recommendation of the Deputy City Manager, Environment & Infrastructure, this report BE RECEIVED for information.

Executive Summary

In April 2022, Municipal Council unanimously approved the Climate Emergency Action Plan (CEAP) with the goals of reducing community-wide emissions to net-zero by 2050, improving London's resilience to climate change impacts and ensuring that everyone in London is able to participate in working to reduce emissions and adapting to change. This Strategic Priorities and Policy Committee (SPPC) report and the 2022 CEAP Progress Report (Appendix A, also known as the community report) covers the period from May to December 2022 (eight months) and introduces some highlights in 2023.

Reporting progress on CEAP, by measuring where possible and following the activities of others where measurements are not possible, occurs by examining five key outcome areas:

1. CEAP Actions by Area of Focus
2. Climate Actions by Others in the Community (and Interested Parties)
3. Climate Actions by Other Levels of Government
4. Greenhouse Gas Emissions
5. Weather Trends and Impacts

1. CEAP Actions by Area of Focus

To set the stage for the successful implementation of the CEAP, 17 foundational actions were identified in the February 8, 2022 SPPC report. Each of the 17 foundational actions have been initiated since the CEAP's approval and ongoing efforts for implementing and completing those actions continue.

The CEAP includes 59 Categories of Actions and contains 200 individual actions, ranging from basic to complex, across the ten Areas of Focus. Some actions in the CEAP address specific deliverables or achievements that can be tied to a timeline while other actions require ongoing efforts and do not have a specific targeted end date.

Of the 200 actions, 57% (113) have a Timeline and 43% (87) are considered Ongoing Actions. Of the 74 Timeline Actions schedule to start in 2022, 65 (88%) have been started. Similarly, of the 62 Ongoing Actions schedule to start in 2022, 58 (94%) have been started.

Use of the Climate Lens Framework on Corporate Projects and Programs

Creation and implementation of the City's Climate Lens Framework has advanced since the approval of the CEAP, with many work groups within different City of London Service Areas using the approach to embed climate considerations into decision-making. Some notable projects and initiatives where the Climate Lens Framework [was](#) or is actively being used include the areas of road infrastructure, landfill gas management, wastewater treatment Biosolids Management Master Plan, Corporate Master Accommodation and Alternative Work Strategy, development of the Mobility Master Plan, ReThink Zoning, and a climate and environmental impact summary

Appendix A

Climate Emergency Action Plan 2022 Progress Report

May 2023



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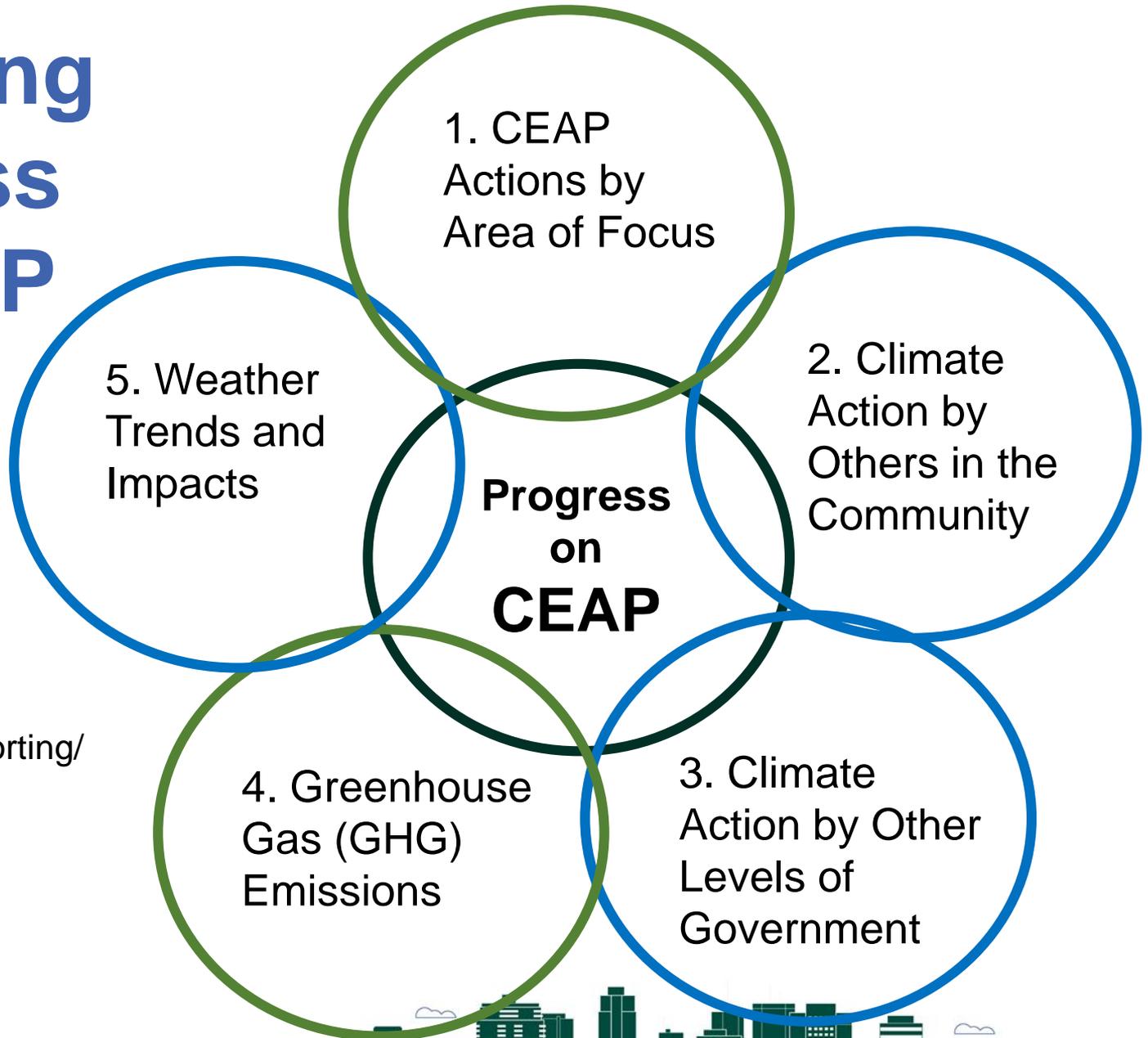


Reporting Progress on CEAP

5 Key Outcome Areas

 Traditional reporting/
outcome area

 New reporting/
outcome area



1. CEAP Actions and Indicators

Progress Reporting Outcome Area	Subset of Outcome Area
1. CEAP Actions by Area of Focus	<ul style="list-style-type: none"> • Actions identified in CEAP • Indicators of progress towards 2030 Expected Results

Why does this matter?	CEAP contains actions, collaboration opportunities and inspiration to move towards 2030 community and corporate milestone targets.
How much control or influence do municipalities have?	Control – variable up to high <ul style="list-style-type: none"> • CEAP is approved by Council including how it is funded, resourced and pace of implementation.
How are we doing?	Just over 90% of the CEAP's 2022 actions have been initiated. Over 70% of the CEAP's overall actions have been initiated (a total of 200)



2. Community and Interested Parties

Progress Reporting Outcome Area	Subset of Outcome Area
2. Climate Actions by Others in the Community	<ul style="list-style-type: none"> • Business and institutional sectors • Households, individuals and community groups • Others nearby
Why does this matter?	CEAP is a community driven program, therefore all have responsibilities for its success.
How much control or influence do municipalities have?	Limited control / high influence <ul style="list-style-type: none"> • willingness and desire for others to participate, collaborate and take action; and • depends on level of Council investment, actions, policies.
How are we doing?	Actions and activities are on the increase; more measurable evidence of action; more results being shared; growing a shared agenda for climate action.



3. Other Levels of Government

Progress Reporting Outcome Area	Subset of Outcome Area
3. Climate Actions by Other Levels of Government	<ul style="list-style-type: none"> • Provincial • Federal • International

Why does this matter?	CEAP progress will be highly influenced by decisions made by other levels of government.
How much control or influence do municipalities have?	No control / high influence <ul style="list-style-type: none"> • it will depend on Council's priorities (where it is best positioned to influence; how resources and collaboration is undertaken).
How are we doing?	Being responsive. Council and staff are responding through AMO, FCM and being engaged; supporting and approving funding opportunities.



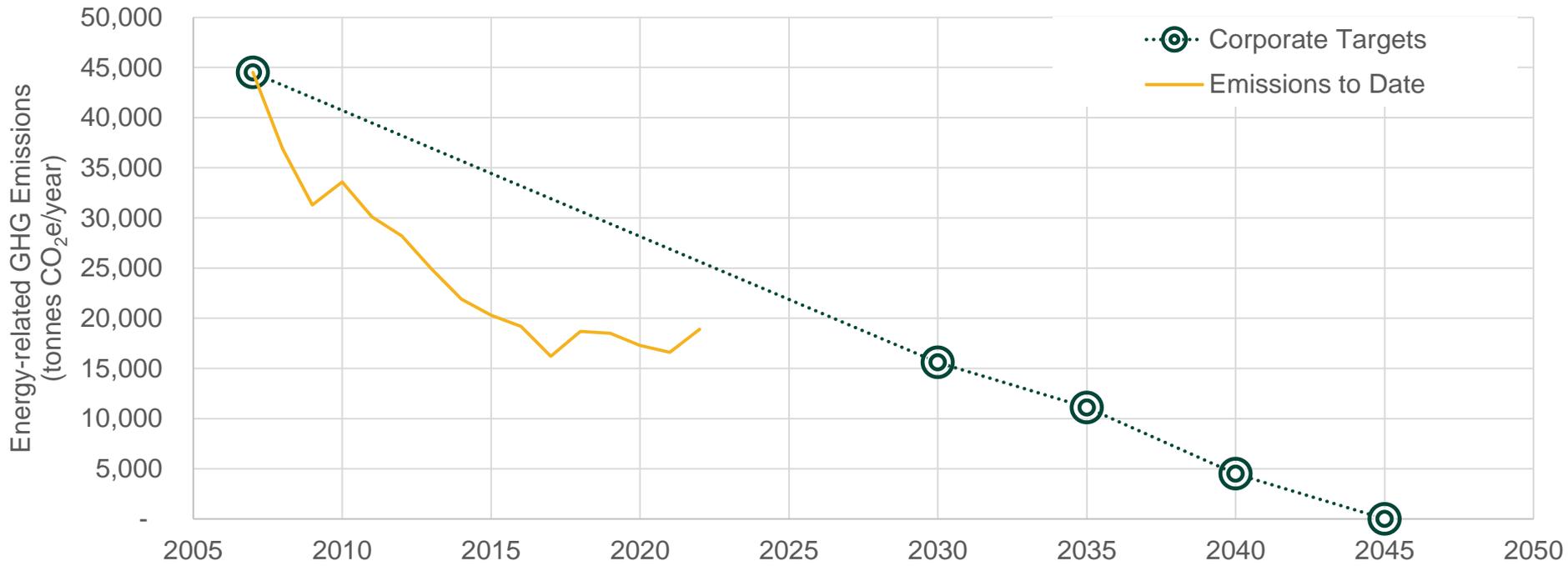
4. Greenhouse Gas (GHG) Emissions

Progress Reporting Outcome Area	Subset of Outcome Area
4. Greenhouse Gas Emissions	<ul style="list-style-type: none"> • Corporate (City of London) • Community-wide (local) • Consumption-related

Why does this matter?	GHG emissions is how we measure corporate and community milestones targets for 2030, 2035 and 2040 on the path to net zero emission by 2050
How much control or influence do municipalities have?	Control – high for Corporate GHG emissions Influence – about half of Community GHG emissions
How are we doing?	Corporate – 58% lower than 2007; slight increase since 2021 Community – 24% lower than 2005; slight increase since 2021



GHG Emissions - Corporate



Positive trends/occurences

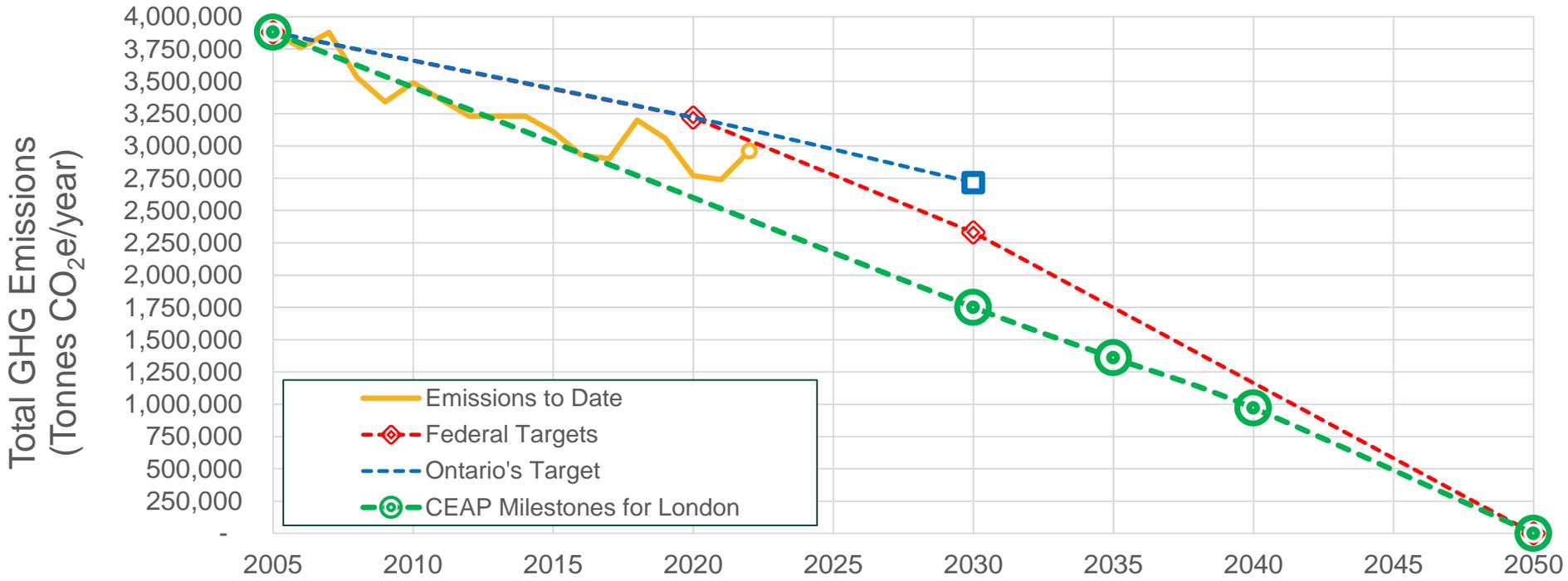
- Overall energy use ↓5.3% from 2018
- Wastewater treatment energy use ↓12%
- Diesel fuel use ↓11%

Negative trends/occurences

- Ontario's electricity grid using more natural gas
- Water distribution energy use ↑9%
- Gasoline fuel use ↑14%



GHG Emissions - Community



Positive trends/occurrences	Negative trends/occurrences
Industrial, Commercial & Institutional (IC&I) energy use per person lower	Ontario's electricity grid using more natural gas
Residential energy use per person lower	Market share of SUVs & pick-ups higher
Retail sales of fuel ↓20% from 2019	EV adoption below Ontario & Canada



5. Weather Trends and Impacts

Progress Reporting Outcome Area	Subset of Outcome Area
5. Weather Trends and Impacts	<ul style="list-style-type: none"> London and area, Canada, Global

Why does this matter?	Preparing London and Londoners for more severe weather is an investment that reduces risk. The impacts of weather are visual and understandable.
How much control or influence do municipalities have?	No control or influence over the weather Control/Influence to adapt - variable up to high <ul style="list-style-type: none"> Many adaptation needs are approved by Council including how it is funded, resourced and pace of implementation.
How are we doing?	Severe weather and impacts have been increasing. City adaptation projects are being implemented.



Financial Impact/Considerations

Projects Underway:

- A project for energy, emissions, land-use, and financial scenario modelling to help map possible futures
- A project to review and advance City staff estimates for reaching net-zero emissions for Corporate assets
- Work on City's Corporate Assessment Management Plan
- Preparation of the 2024-2027 Multi-Year Budget including Business Cases for CEAP
- Preliminary evaluation of carbon accounting/budgeting
- Creation of Climate Change Investment and Implementation Plan



Communicating the 2022 CEAP Progress Report

Progress Report Design

- Note to Reader
- Executive Summary
- Questions and Answers at the start of key sections

Social Media Campaign and Future Sessions

- Sharing weekly themes
- Encouraging action. . . What you (your household) can do
- Sessions with interested parties to advance ideas, share knowledge and experiences, encourage collaboration

