



TransformTO Net Zero & Related Reports

Infrastructure & Environment Committee

April 26, 2023

Presentation by: James Nowlan, Executive Director, Environment & Climate
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Key Climate Reports

Three reports for consideration by Infrastructure & Environment Committee today:

1. TransformTO 2022 Annual Report: Laying the Foundation for Net Zero (IE3.3)

- Provides an update on progress made in 2022 towards achieving the City's greenhouse gas reduction (GHG) targets and 30 actions from the Short-Term Implementation Plan (2022-2025)

2. Carbon Accountability: Institutionalizing governance, a Carbon Budget and an Offset Credits Policy (IE3.4)

- Proposes a new framework to link the City's financial budget with activities that contribute to GHG reductions, including an updated Corporate *Offset Credit Policy* aligned with net zero science.

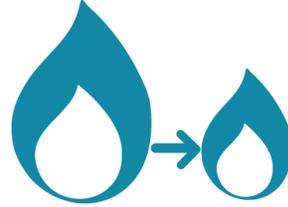
3. Sustainable City of Toronto Fleets – 2023 Update (IE3.5)

- Provides an update for transitioning City Fleets to sustainable, climate resilient, net-zero operations.

TransformTO Net Zero Strategy: 5 Critical Steps



**Carbon accountability
through carbon budgets**



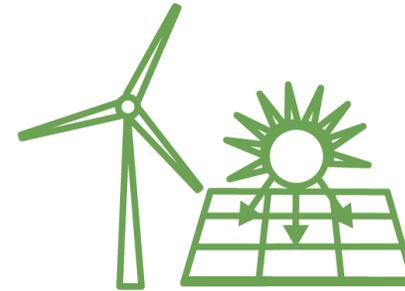
**Accelerate significant
reduction of natural gas**



**Establish building
performance targets**

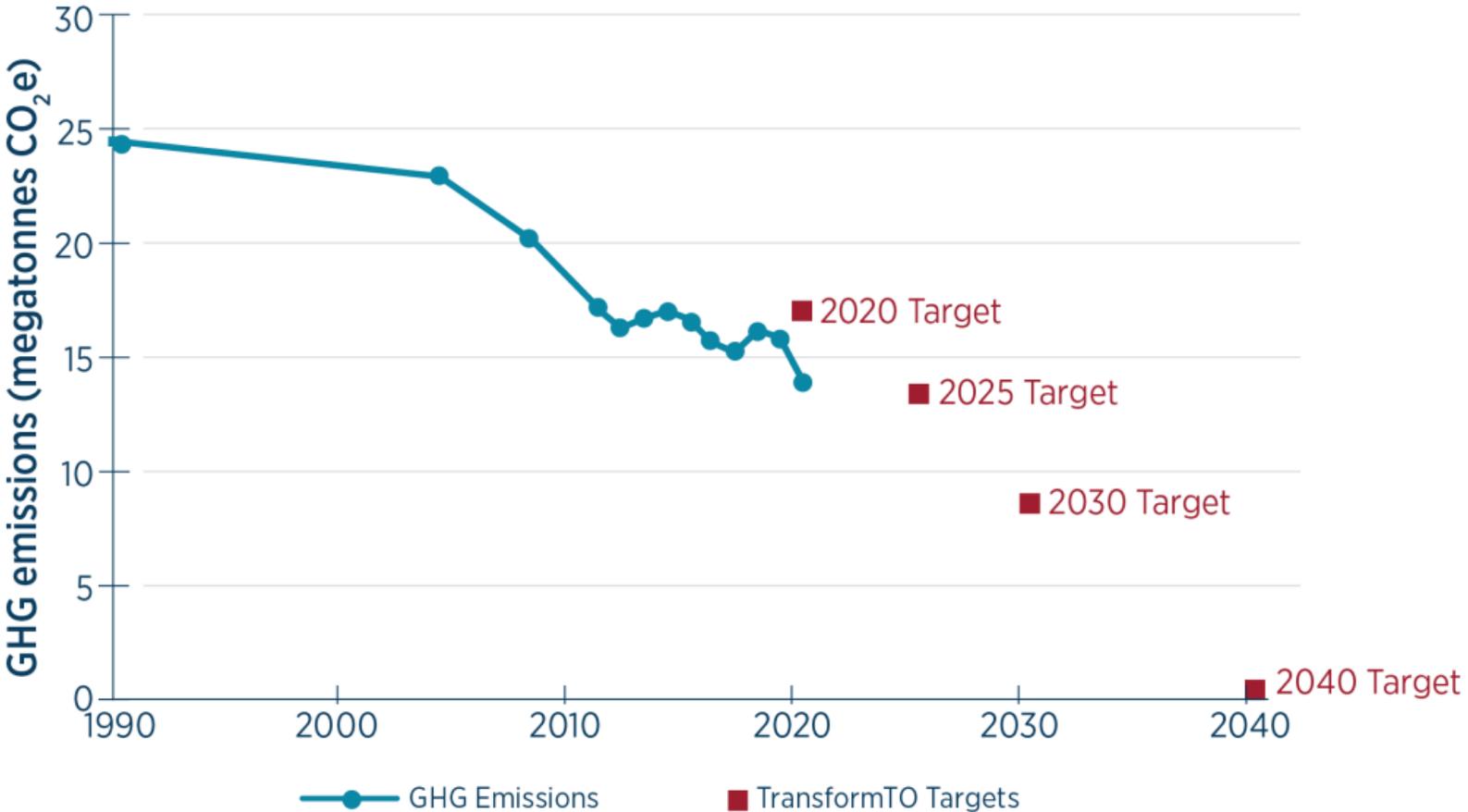


**Increase low carbon
transportation options**



**Increase local renewable
energy & storage**

Toronto's GHG Emissions & Targets



Year	GHG reduction target
2020	30%
2025	45%
2030	65%
2040	Net Zero

TransformTO 2022 Annual Report



TransformTO Net Zero Strategy

A climate action pathway to
2030 and beyond



100%

TransformTO actions
underway or
completed

97%

Council directions
underway or
completed

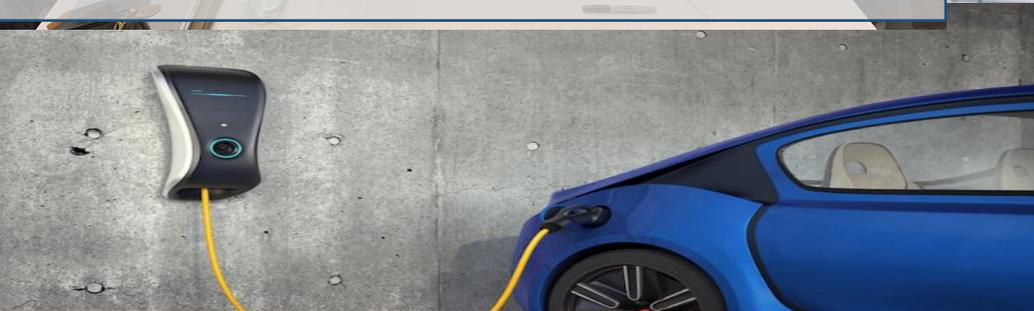
Key 2022 Achievements



Launch of Climate Advisory Group



Heat recovery project at Toronto Western Hospital

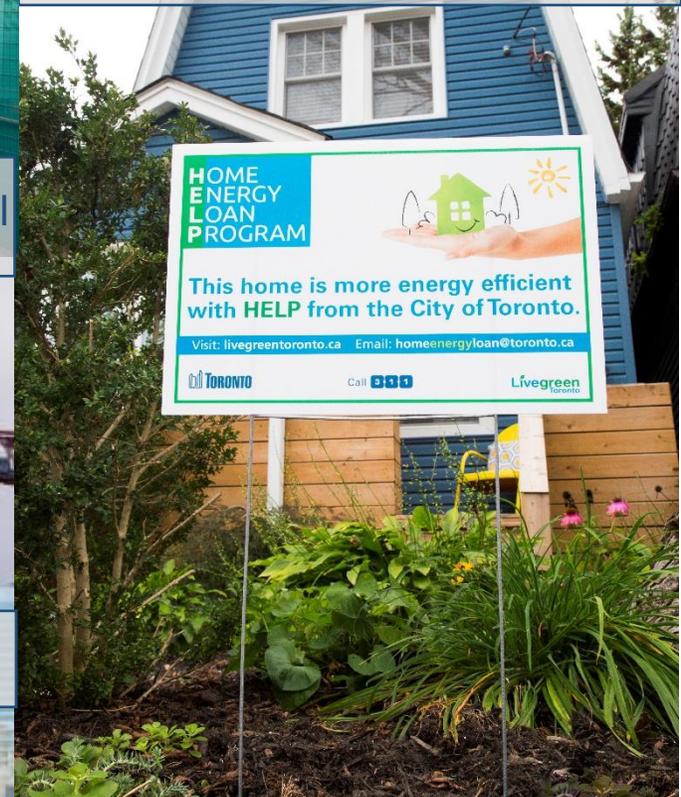


Over 100 EV chargers installed in Green P lots



Toronto Green Standard v4

500% increase in HELP applications for home retrofit financing



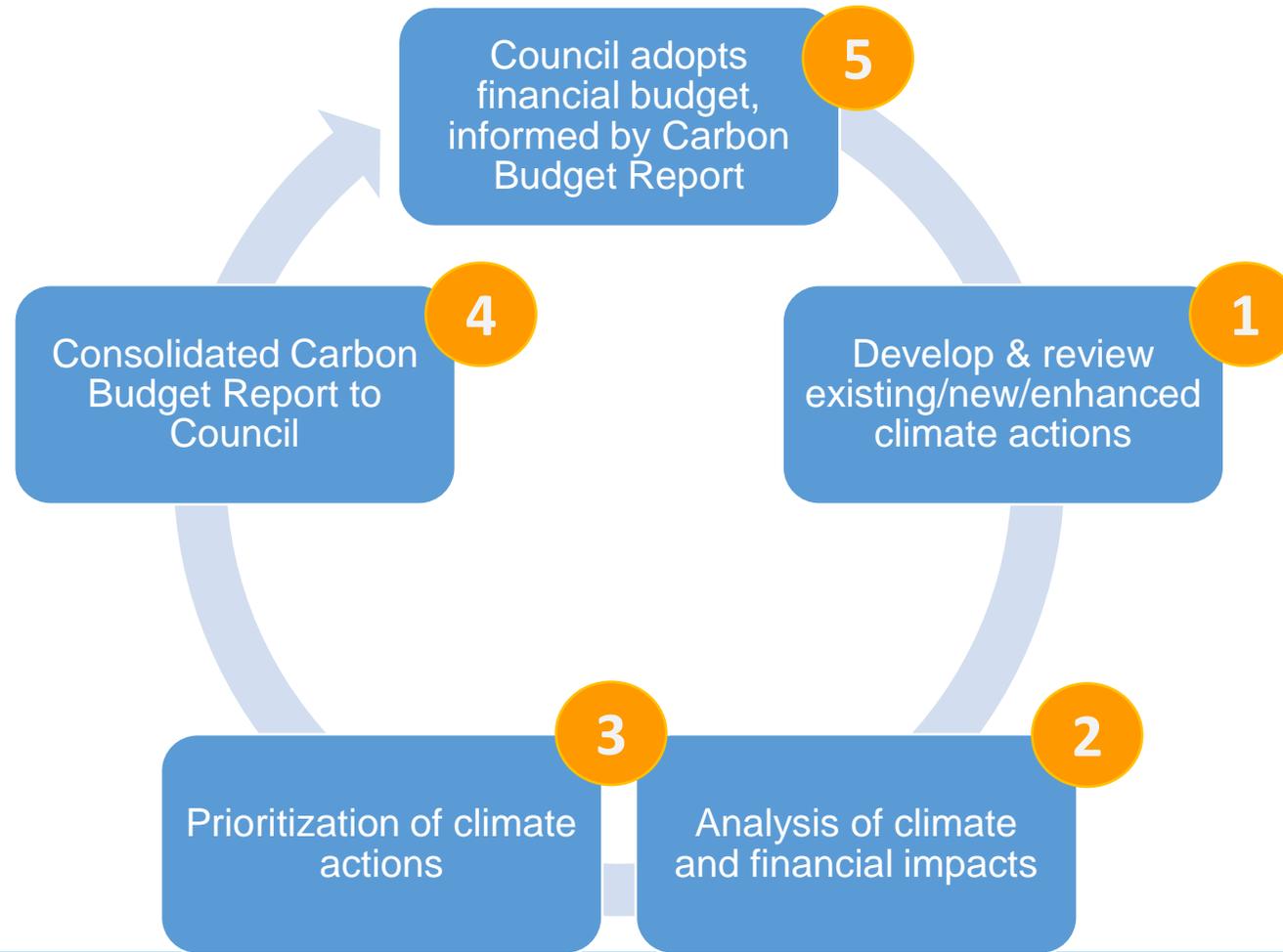
Carbon Accountability & Carbon Budget



Carbon accountability through carbon budgets

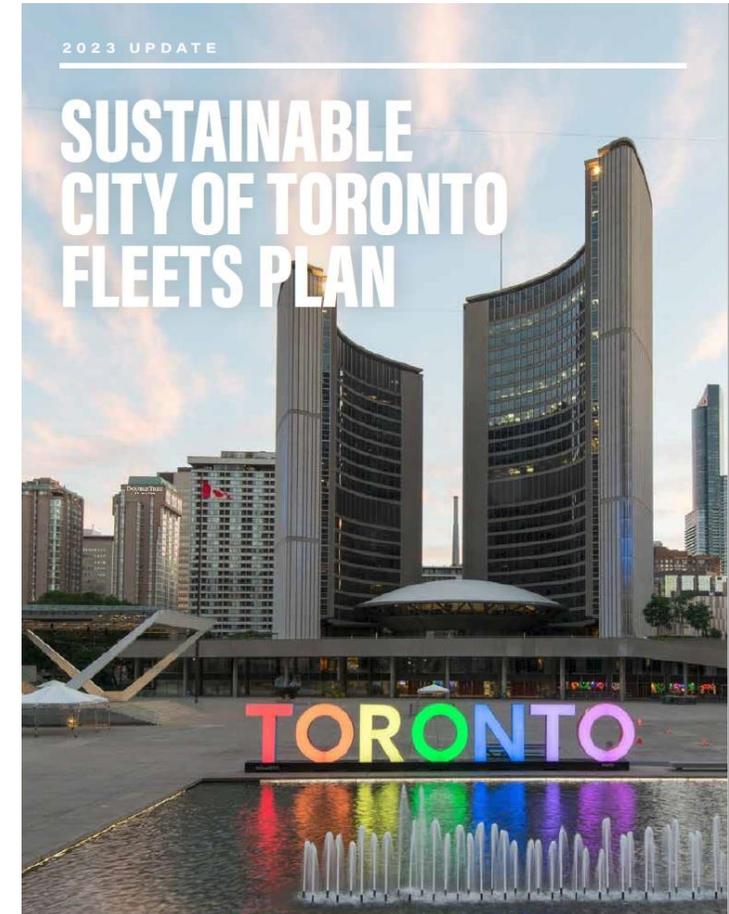
- Carbon budget links City decision-making in the annual financial budget to their expected GHG reduction impacts
- Outlines the process to establish multi-year emission budgets for Toronto's corporate and community-wide emissions.
- Updates the City's Offset Credit policy – clarifies “net” of net zero
- Reporting on the tools and resources for implementing the Carbon Accountability system

Annual Carbon Budget Process



Sustainable City of Toronto Fleets Report

- Provides an update for transitioning City Fleets to sustainable, climate resilient, net-zero operations.
- The Plan is a critical part of the City's plan to reach net zero emissions by 2040.
- This Plan will further highlight the leadership of the City of Toronto and increase public and stakeholder confidence.



Sustainable City of Toronto Fleets Plan

Goal

Transition City Fleets to sustainable, resilient, net zero operations by 2040, including 45% emissions reduction by 2025, and 65% by 2030

Objective 1

Transition 20% of City-owned fleet to zero-emission vehicles by 2025, and 50% by 2030

Objective 2

Resilient Fleet Assets and Operations by 2040

Objective 3

Net Zero Procurement by 2040

Sustainable City Fleets – Key Benefits

- Net zero City Fleets by 2040
 - Will eliminate additional 244 metric kilotons of greenhouse gas emissions
 - This will generate up to an estimated \$400 million in avoided social and economic damages
- Improved Health - Reduced vehicle emissions and noise pollution contribute to healthier communities
- Improved Safety - Improved vehicle safety features and vehicle utilization will help improve staff and community safety
- Corporate Sustainability
 - Improved asset management
 - Demonstrates City's leadership on sustainability



Questions