

# Caledon Green Development Standards

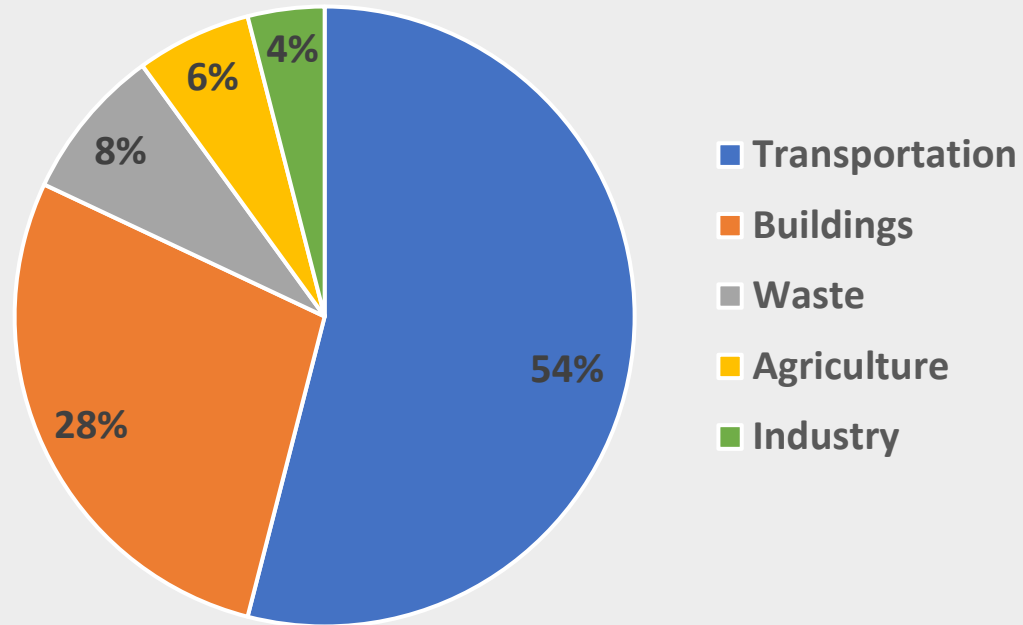
Planning and Development Committee

May 14, 2024



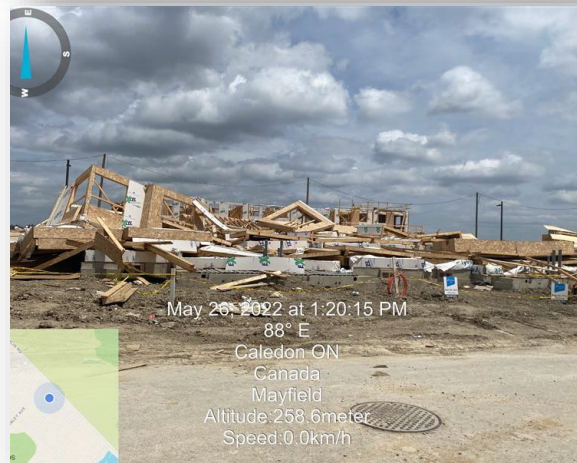
# Where We Are Now

Caledon GHG Emissions, 2021



**Emissions expected to more than double if no action is taken...**

**...and climate impacts are becoming more frequent**

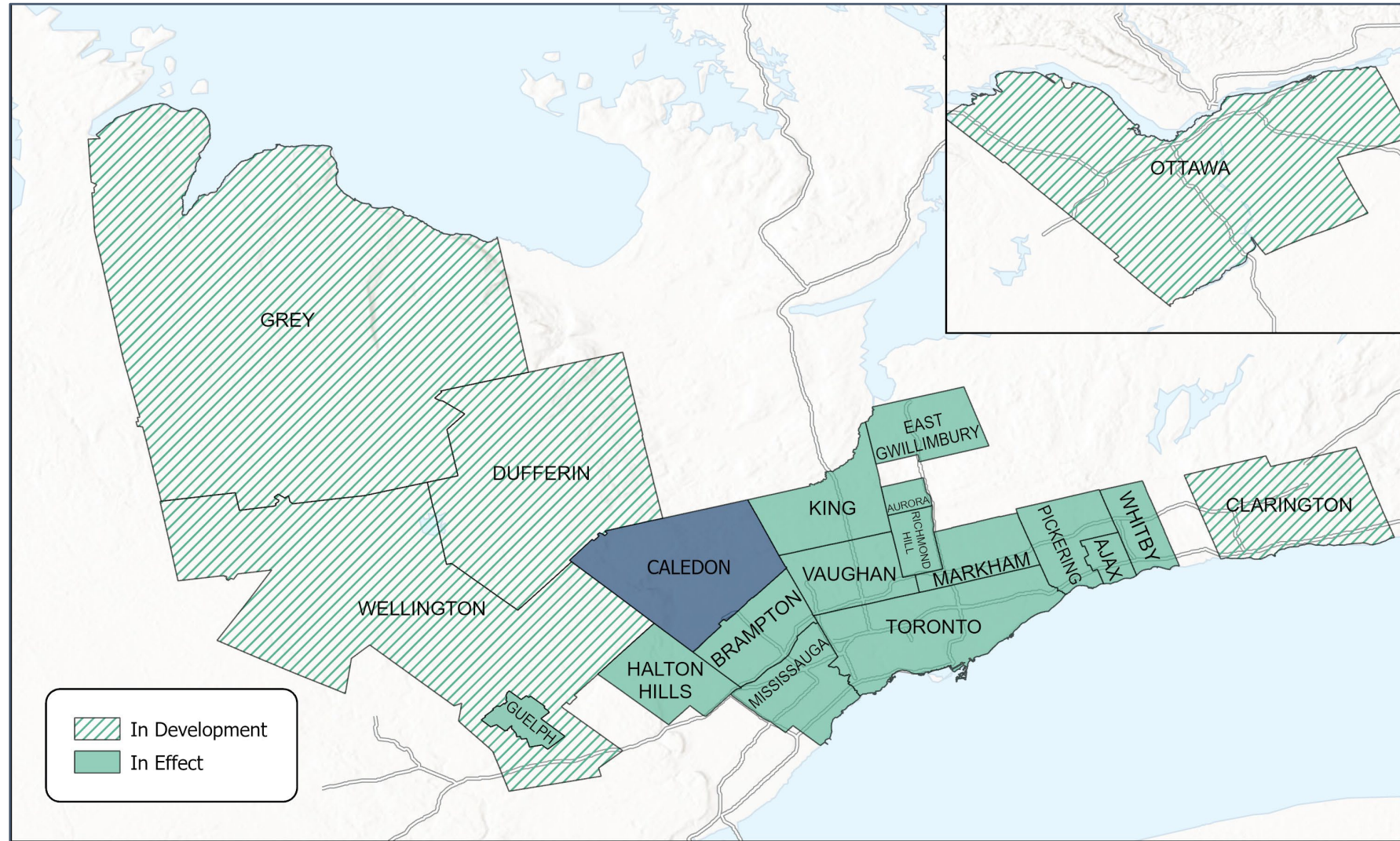


# Why Green Standards?

- Meet Caledon's Council-endorsed climate targets and address the climate emergency
- Implement policies and direction from the Town's Official Plan and Strategic Plan
- Align with Brampton, Mississauga and other Ontario municipalities, and with national direction on building energy
- Unique opportunity to get development right from the start and avoid costly retrofits after construction
- Support healthy, complete, sustainable communities



# Green Standards Across the GTA



# Community Benefits of Green Standards



**Reduce energy and GHG emissions**



**Improve health and well-being**



**Increase preparedness to climate impacts like extreme heat**



**Improve the quality and quantity of urban green space**



**Cost savings for residents and businesses**



**Support local economic opportunities and innovation**

# Public Engagement

## Key Stakeholders:

Town Staff  
Residents  
First Nations  
Community Organizations  
Development Industry  
Conservation Authorities  
Agriculture  
Peel Region  
Utilities  
Energy Providers  
Expert Associations

## Pre-Engagement Winter 2023

- Pre-engagement interviews
- 5 stakeholder workshops
- Interviews with housing groups

## Formal Feedback Summer 2023

- 56 survey responses from residents
- 11 survey responses from industry and other stakeholders
- 18 comment letters received

## Targeted Meetings Fall 2023

- 2 BILD Forum meetings
- 1 technical workshop for builders
- One-on-one meetings with stakeholders

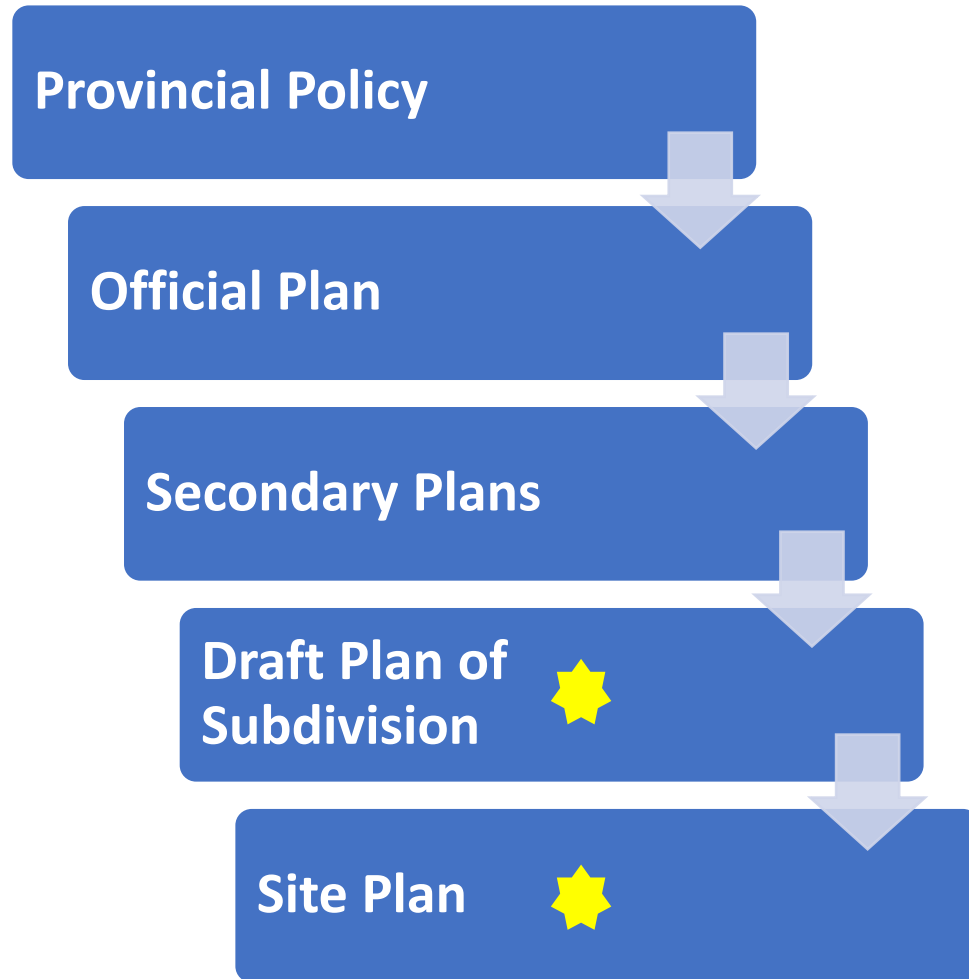
April/May 2024

- 150+ letters received from residents advocating for green standards

# What We Heard

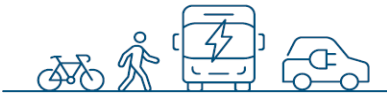
<b>From Residents</b>	<b>From Industry</b>
<ul style="list-style-type: none"><li>➤ 95% support for green standards</li><li>➤ Make standards mandatory to ensure uptake</li><li>➤ Prioritize space for nature and wildlife in new development</li><li>➤ Address social and economic goals alongside environmental ones</li></ul>	<ul style="list-style-type: none"><li>➤ Keep process clear and simple</li><li>➤ Allow for flexibility in how metrics can be achieved</li><li>➤ Streamline GDS with other Town standards and guidelines</li><li>➤ Ensure standards are implementable</li><li>➤ Consistency with other municipalities</li></ul>

# Caledon's GDS Structure



- Direct municipalities to plan for energy conservation, emissions reduction and climate resiliency
- GDS policies included in updated Official Plan
- Climate studies required for Secondary Plan applications
- GDS required for Draft Plan of Subdivision and Site Plan applications
  - Applies to residential (10+ units), commercial, industrial and institutional
  - Single set of mandatory standards with flexibility in how they can be achieved





# Community Design and Mobility

**Goal: reduce emissions from vehicles and enhance opportunities for active transportation and transit**

- Housing Diversity
- Connections to Parks and Open Space
- Mixed-use Neighbourhoods
- Light Pollution Reduction
- Public Spaces
- Active Transportation
- Electric Vehicle Charging Infrastructure





# Green Infrastructure

**Goal: Mitigate urban heat, improve stormwater infiltration and enhance green space and habitat**

- On-site Green Infrastructure
- Soil Volume
- Plant Species
- Urban Heat Island
- Stormwater Quantity and Quality
- Bird-Friendly Design





# Buildings and Energy


**Goal: Reduce energy and GHG emissions and improve resiliency of buildings**

- Energy Efficiency and GHG Emissions
- Climate Resiliency
- Solar Readiness
- Embodied Carbon
- Water Conservation
- Construction Waste
- Owner Education



# GDS Rollout and Implementation

Pending approval, GDS in effect as of July 1, 2024 for new applications



One-year pilot phase



Prepare industry and staff for implementation



Review and update every 3 years

Thank you

