

Climate Lens Process

City of London, Ontario

October 18, 2021

Mike Fabro, P.Eng., MEB
Manager, Climate Change Planning



London
CANADA

Outline

Genesis

Initial Tool

Climate Lens Process

Process in Use

Looking Ahead



London
CANADA

Genesis

Climate Emergency Declaration

→ April 2019

Climate Emergency Update Report

→ November 25, 2019

20 Actions, including:

- **City-wide Net-Zero GHG Emissions Target for 2050**
- **Establish Internal “Champions” Team**
- **Develop Climate Emergency Action Plan**
- **Create Climate Emergency Evaluation Tool**



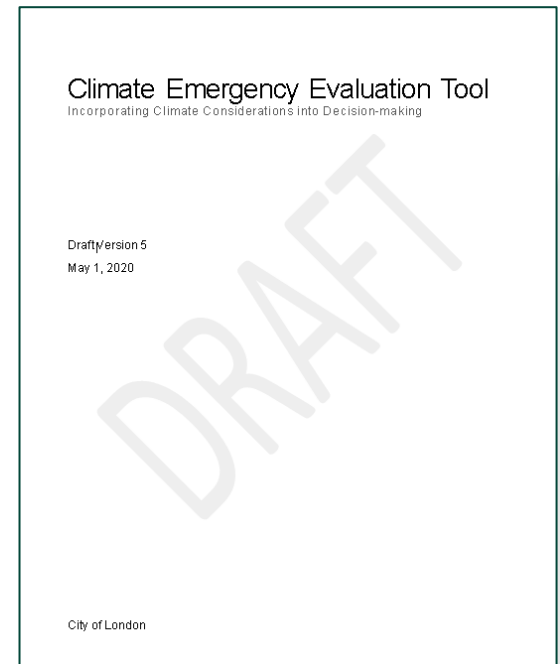
London
CANADA

Initial Tool

Decision Support

Not All-Encompassing

Generic Approach



Getting Issues “on the table”

- **GHG Emissions Reduction (Direct/Indirect)**
- **Reducing Embedded Carbon**
- **Natural Heritage Health and Protection**
- **Resilience to Local Climate Change Impacts**

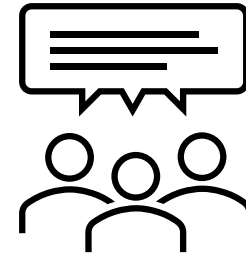


London
CANADA

Initial Tool

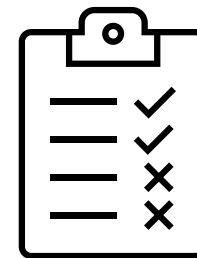
Test Groups

- **City Planning**
- **Climate Emergency Action Team**
- **Transportation Planning & Design**



External Review

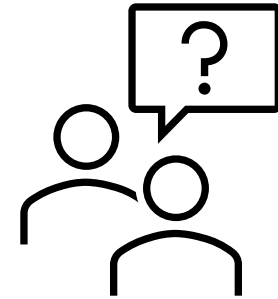
- **Clean Air Partnership**
- **Community Energy Knowledge and Action Partnership**



Initial Tool

Issues Identified

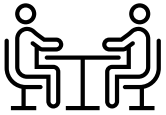
- **Lack of Climate Change Understanding**
- **Limited Applicability of Questions**
- **Specificity of Language Used**
- **Existing Process Coordination**
- **Unclear Implementation Expectations**



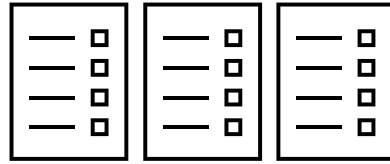
Evolution: Climate Lens Process

Development

1-on-1s



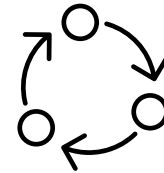
**Draft
Documents**



**Iterative
Review**

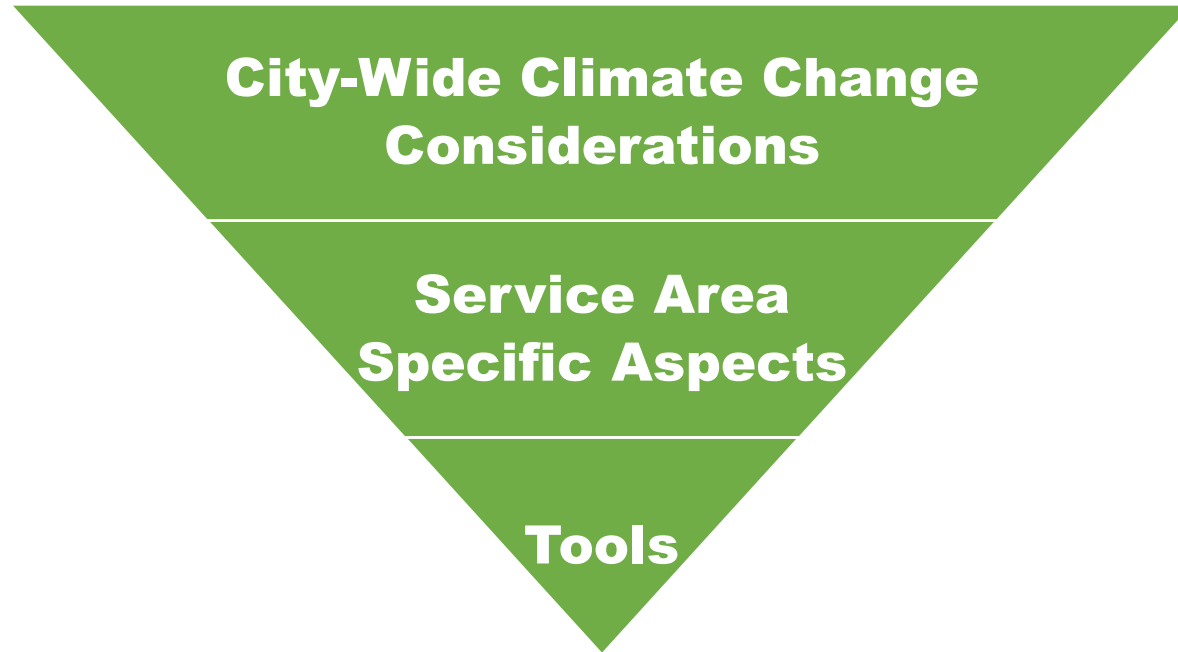


**Customized
Climate Lens
Process**



London
CANADA

Climate Lens Process



Screening Tool / Issues Lists / Conversations Addressing (as required):

Master Planning

Operations

Projects

Budgeting



London
CANADA

Climate Lens Process

Five Streams of Activities

- 1. Master Plans, Guidelines and Strategies**
- 2. Existing and New Projects/Programs**
- 3. Quick Assessment of Existing Operations**
- 4. Annual Budget Updates & Multi-year Budgets**
- 5. Building Climate Change Capacity**

Process Documentation

Implementation Guide

Resources (Reference Lists, Screening Tools)



London
CANADA

Process in Use

Waste Management Programs and Projects

Report to Civic Works Committee

To: Chair and Members
Civic Works Committee
From: Kelly Scherr, P.Eng., MBA, FEC
Deputy City Manager, Environment & Infrastructure
Subject: Outcome of Climate Lens Process Applied to Waste Management Programs and Projects
Date: August 31, 2021

- **All 5 streams of Climate Lens Process applied to identify next steps, focus areas and immediate actions**
- **Confirmed high level of GHG knowledge and existing application of GHG models**
- **Developed list of immediate and next step items in several areas (e.g., projects, plans targeted for evaluation)**



London
CANADA

Process in Use

Transportation Planning and Design

Report to Civic Works Committee

To: Chair and Members
Civic Works Committee

From: Kelly Scherr, P.Eng., MBA, FEC
Deputy City Manager, Environment & Infrastructure

Subject: Outcome of Climate Lens Screening Applied to Major
Transportation Projects

Date: August 31, 2021

Recommendation

That, on the recommendation of the Deputy City Manager, Environment & Infrastructure, the following actions **BE TAKEN** with respect to the initial Climate Emergency screening of current major transportation projects:

- a) The Civic Administration **BE DIRECTED** to implement the project specific recommendations contained herein that includes:
 - i. Proceeding with the implementation of a number of transportation projects with consideration of the outcomes of the review as identified in this report;
 - ii. Suspending the Discover Wonderland Environmental Assessment noting that the role and function of this corridor will be considered as part of the future Mobility Master Plan;
 - iii. Suspending the corridor widening on Adelaide Street North noting that the Environmental Assessment for the Adelaide Street North should be finalized to inform complete streets intersection improvements at Sunningdale Road planned for 2025 and the remainder of the corridor improvements will be subject to further assessment under the future Mobility Master Plan;
- b) That, subject to Municipal Council approval of recommendation a), Civic Administration **BE DIRECTED** to adjust the Multi-Year Budget during the next appropriate update cycle; and
- c) The Civic Administration **BE DIRECTED** to review ongoing transportation projects to consider climate change mitigation and adaptation to ensure resiliency of critical transportation infrastructure.

**12 Roads
Projects
Evaluated**



London
CANADA

Process in Use

Transportation Planning and Design



Local News



Climate change: Councillors scrap \$212M Wonderland Road widening

Megan Stacey

Sep 14, 2021 • 1 day ago • 2 minute read • 46 Comments

POLITICS

London, Ont. councillors suspend Wonderland Road widening in light of climate-focused review



By [Andrew Graham](#) • 980 CFPL

Posted September 14, 2021 9:41 pm

LONDON | News

Council detours from \$212M plan to widen Wonderland Road after climate screening



London
CANADA

Process in Use

Annual Budget Amendment Process

“Understanding and addressing climate issues directly in the budgeting process is key to ensuring that, wherever feasible, our investments position the City for a low-carbon, resilient future.”



2022 OPERATING AND CAPITAL BUDGET DEVELOPMENT GUIDELINES



June 2021



Process in Use

City Planning

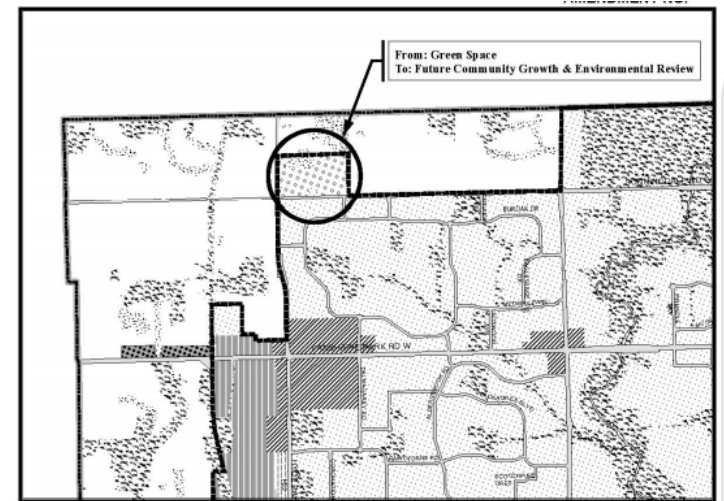
Local News

Proposed 350-home subdivision in northwest London hits roadblock

A property in northwest London where a veteran developer wants to build 350 new homes may be delayed several years as city politicians instead recommend waiting for a broader plan for the area.

Megan Stacey
May 11, 2021 • 1 hour ago • 2 minute read •

“A secondary plan isn’t just about land use and transportation and road connections and servicing, it really is about defining the character for a community, the community structure, and all those other associated policies that are really important to the formation of a neighbourhood, especially when you’re looking at council’s recent declaration of a **climate emergency** and how we might want to do growth differently,” Paul Yeoman, city hall’s director of development services, told politicians.



London
CANADA

Looking Ahead

2022: Completing Design and Implementation

Expected Outcomes & Goals

- **Continued Culture Shift**
- **Driving Internal Action (CEAP Component)**
- **Transparency & Consistency**
- **Identify Systemic Hurdles and Present Solutions**
- **Focus on Enterprise-wide Opportunities and Understanding**



Thank You!

Mike Fabro – mfabro@london.ca



getinvolved.london.ca/climate



climateaction@london.ca



London
CANADA