

A photograph of a cornfield with trees in the foreground. The text "Don't let Sprawl Take it all." is overlaid in white.

**Don't let Sprawl
Take it all.**



“Death by 1,000 cuts.”
Jane Fogal Halton Hills
Councillor

Since June 2019 the Province has amended a number of Provincial Statutes and policies that impact how municipalities plan for growth including the following:

- The Planning Act
- The Provincial Policy Statement
- A Place to Grow: The Growth Plan for the Greater Golden Horseshoe
- The Environmental Assessment Act
- The Conservation Authorities Act
- The Development Charges Act





REALITY CHECK

Carbon Emissions Inventory for the Greater Toronto and Hamilton Area 2018

DENSITY AS DRIVER OF GHG IN HAMILTON

Municipalities have jurisdiction over many actions needed to decarbonize transportation, such as zoning and by-laws that impact density

Hamilton's population density is high compared to some other GTHA municipalities, which is a great opportunity to support modal shift and transit investment to reduce emissions from transportation.

Figure 10: Change in transportation emissions 2017-2018

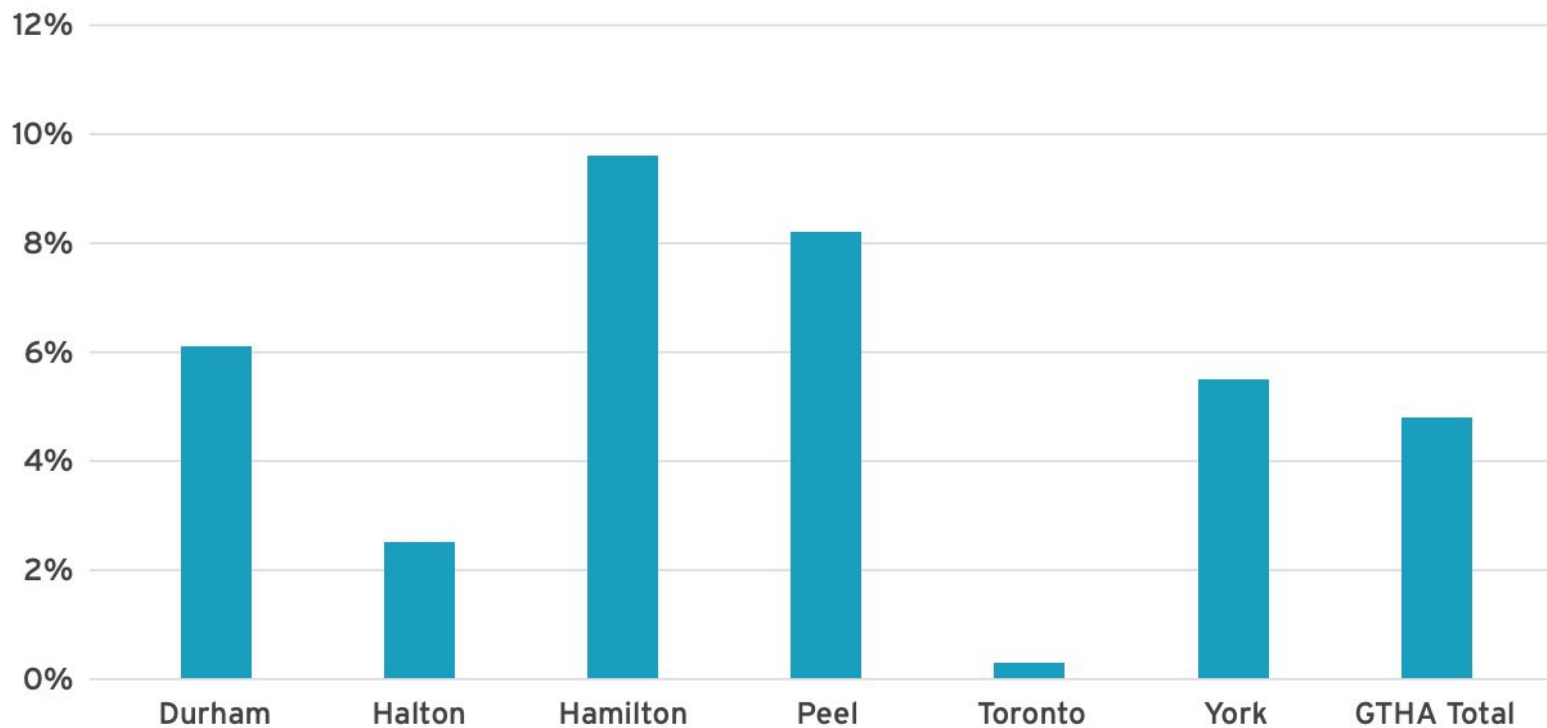


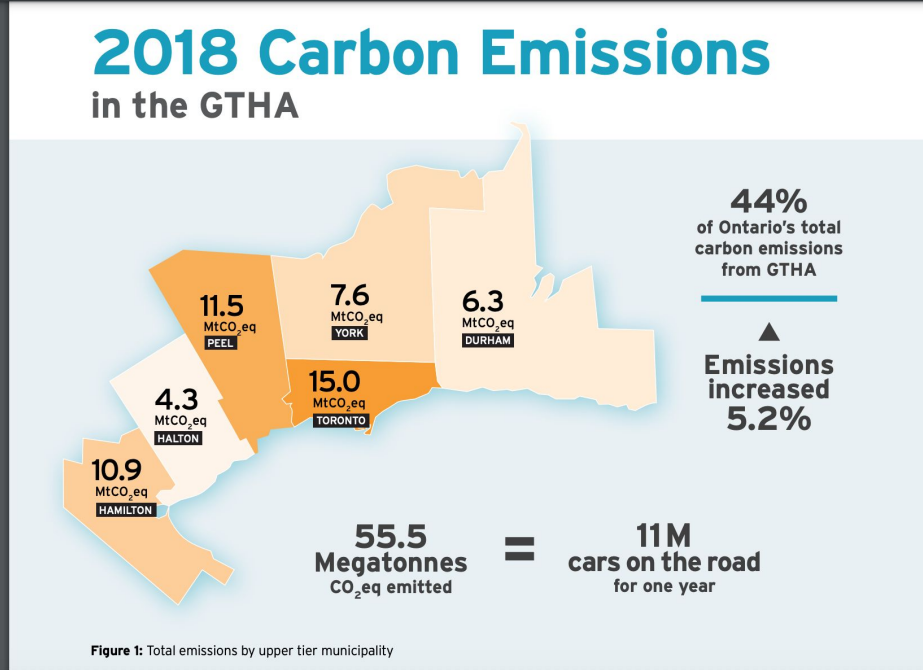
Figure 11: Trend in transportation emissions increase over four years 2015 to 2018

Transportation emissions overall have been growing at 1-2% every year, despite cleaner fuels and more efficient vehicles.

This can likely be attributed to a combination of an increase in the number of personal vehicles, a continuing trend to larger vehicles, *increasing sprawl resulting in more kilometers travelled*, and increased goods movement.

Transportation emissions per capita did fall slightly in 2018, even with the growth in population.

The Toronto trend illustrates that you can have population growth and stable or falling transport emissions if growth is concentrated in existing neighbourhoods with good transit access.



LAND, FOOD

- Climate crisis already affects food quality and security
- High risks at 1.5°, very high risks at 2°
- **If we keep delaying:**
 - Food supply less stable, more expensive
 - Rapid declines in agricultural productivity
 - Irreversible damage to land and ecosystems
 - More wildfire, more conflict, more migration

CLIMATE LENS FOR EVERY DECISION

- Will this reduce our total GHGs per science-based target?
- Will this make the transition to a low carbon economy easier?
- If not, it is causing real harm to people alive today

3 KEY PATHWAYS

- a. Community energy plan
- b. Stop sprawl
- c. Protect nature



Toronto Star Article “Slam Dunk for Developers”

Agricultural land is valued as low as \$18,000 an acre, but residential land is easily worth \$1 million an acre,”

There are hundreds of millions of dollars to be made right now simply by rezoning farmlands around the new freeway into development lands. And there are **billions** more to be made in the future from developing those lands into ever more unsustainable sprawl when we should be building up in our existing urban areas.”



Community Emissions Reduction Planning: A Guide for Municipalities

Consultant Yuill Herbert for 60
Canadian Municipalities:

“The most powerful mechanism
municipalities have to reduce CO2
emissions is

LAND USE PLANNING

“Land-use Planning is the key lever to locking in or
locking out greenhouse gas emissions at the
municipal level.”

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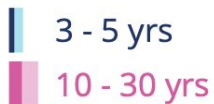
Table 7. Roles of local governments on energy and GHG emissions.

Local government as...	Authority	Sample actions	Community energy and emissions planning techniques	Potential impact on GHG emissions reductions
Energy consumers.	Direct control.	Retrofits of municipal buildings, construction of high performance municipal buildings, purchase of zero emissions vehicles, development of renewable natural gas from organic materials.	Corporate GHG inventory and plan.	Low.
Investors.	Indirect control.	Renewable natural gas from a landfill, zero emissions transit system, cycling infrastructure, electric vehicle charging stations, recycling programs, public/private partnerships.	Situational analysis [review of capital budgets].	Medium-High.
Influencers.	Indirect control.	Official Plan policies, Property Assessed Clean Energy (PACE) programs.	Modelling and scenario-planning.	High.



TEMPORAL SCALES OF MUNICIPAL **PLANNING DECISIONS** VERSUS **IMPLICATIONS**

Public service pricing



Temporal scale of planning

Temporal scale of environmental implications of decisions

Solid waste management



Transportation planning



Purchase of utility goods



Industrial dev't strategy



Urban infrastructure dev't



Urban land use planning



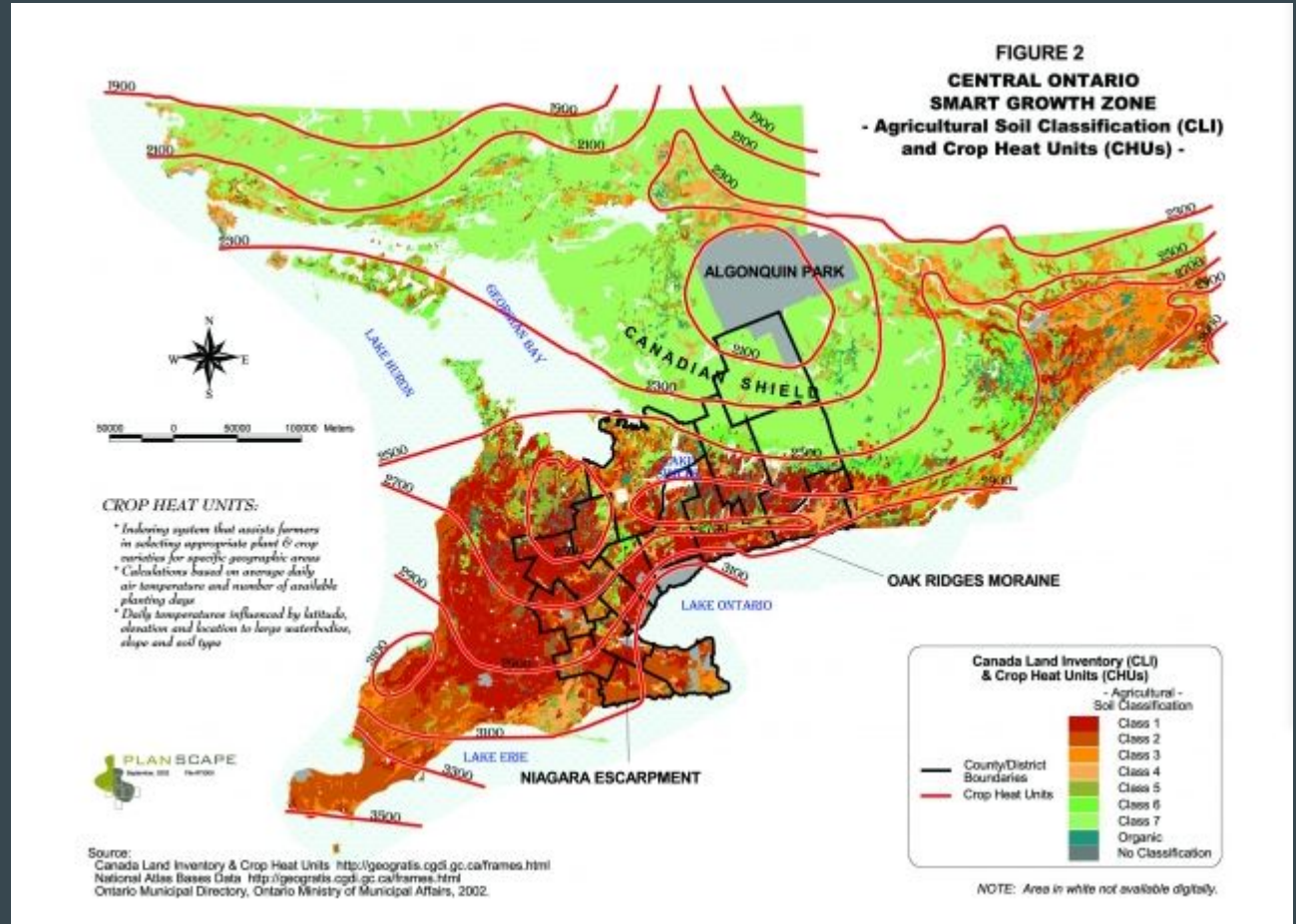
Community Emissions Reduction Planning: A Guide for Municipalities



RED is prime
agricultural
land

Only 0.5% is
Class 1 and most
of it is in
Southern Ontario

#SaveTheFarmOnt



Population growth

SCHEDULE 3 GROWTH PLAN FORECAST GROWTH FOR 2012-2019 VERSUS ACTUAL GROWTH 2012-2019

	Estimated Growth 2011 - 2019 (000s)	SCHEDULE 3 Forecast Growth 2011 - 2019 (000s)	Variance (Estimated - forecast) (000s pop)	Variance (% of estimated growth)	Variance as Reported by Hemson (% of total population / employment)
POPULATION					
Toronto	261	226	35	13%	1%
York	115	210	-95	-83%	-8%
Durham	70	110	-40	-57%	-6%
Halton	79	99	-20	-25%	-3%
Peel	203	177	26	13%	2%
Hamilton	39	53	-14	-36%	-2%
GTAH	769	877	-108	-14%	-1%
OUTER RING	249	273	-24	-10%	-1%
GGH	1018	1150	-132	-13%	-1%
EMPLOYMENT					
Toronto	200	71	129	65%	7%
York	108	170	-62	-57%	-10%
Durham	27	75	-48	-178%	-20%
Halton	49	80	-31	-63%	-11%
Peel	101	128	-27	-21%	-4%
Hamilton	24	48	-24	-100%	-10%
GTAH	508	570	-62	-12%	-2%
OUTER RING	95	152	-57	-60%	-5%
GGH	603	722	-119	-20%	-2%

Source: Copied / derived from Hemson: Greater Golden Horseshoe: Growth Forecasts to 2051 (June 16, 2020), Figure 2 – 2012 Forecast Population in 2019 vs. 2019 Estimates (page 4), Distribution of Population in the Greater Golden Horseshoe 1986 – 2051 - Reference Forecast (page 37), Distribution of Employment in the Greater Golden Horseshoe 1986 – 2051 - Reference Forecast (page 37)

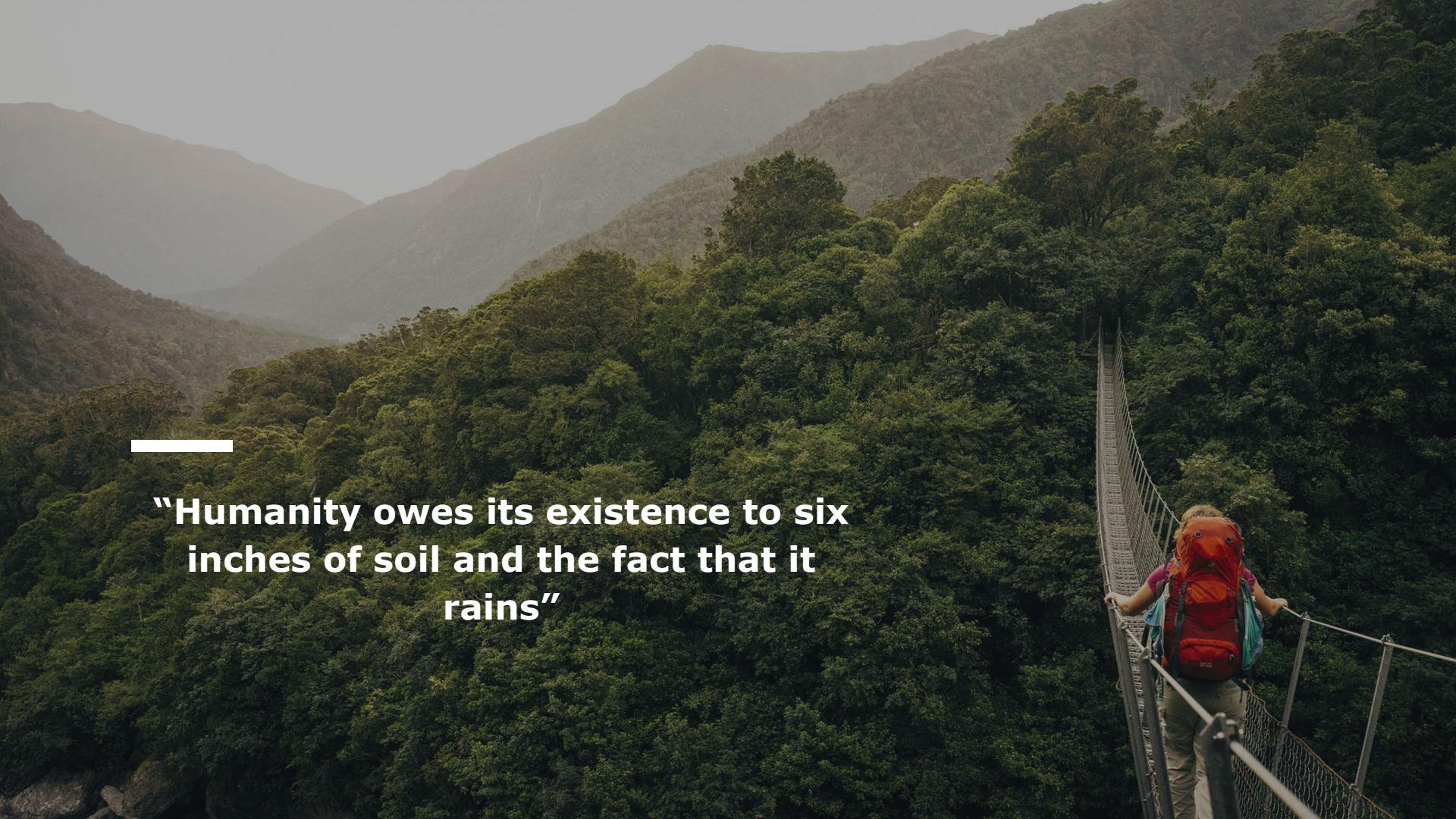
Hemson: Greater Golden Horseshoe - Growth Forecasts to 2041 - Technical Report Addendum (June 2013) - Distribution of Population and Employment for the Greater Golden Horseshoe 2001 - 2041 Reference Scenario (Page 62)

Compact city- Complete communities



Options for Density within our City Limits





“Humanity owes its existence to six inches of soil and the fact that it rains”