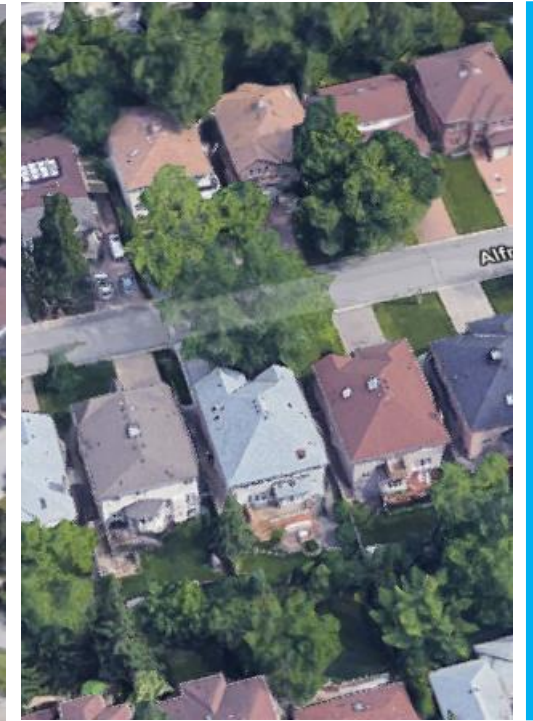
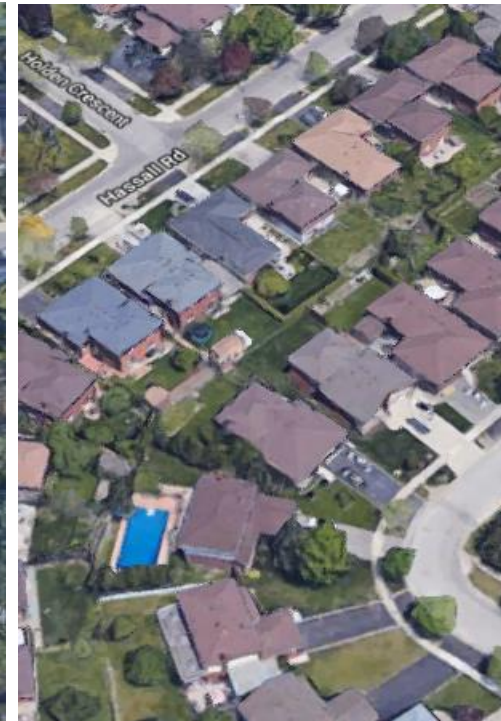
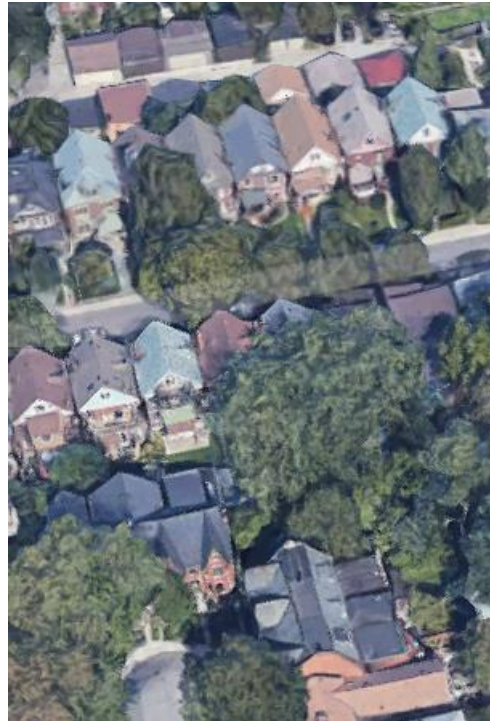
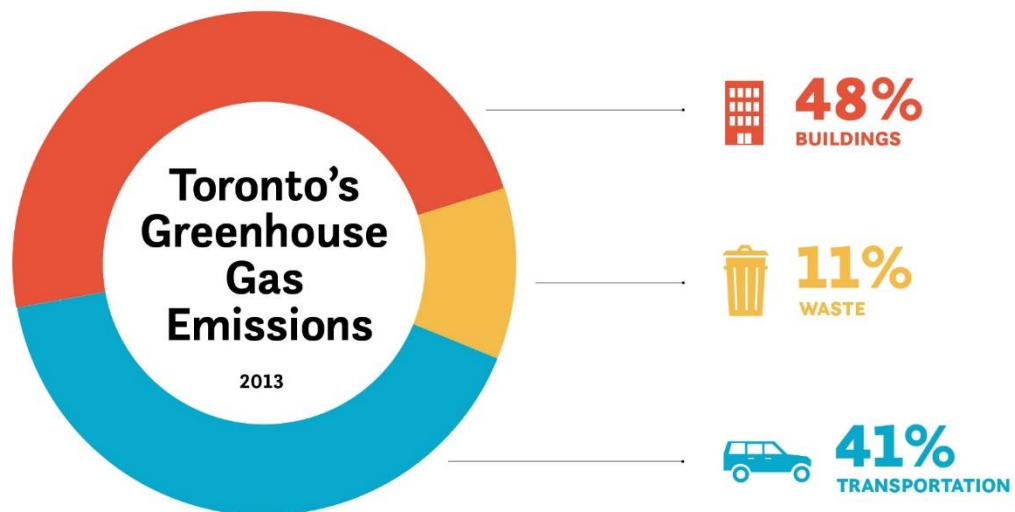


HOME ENERGY LOAN PROGRAM



Clean Air Partnership – City of Toronto Presentation
Home Energy Loan Program

Context



Breakdown of GHG emissions

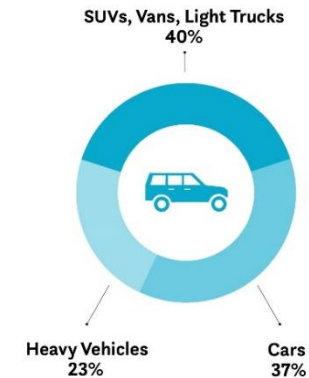
BUILDINGS



WASTE



TRANSPORTATION

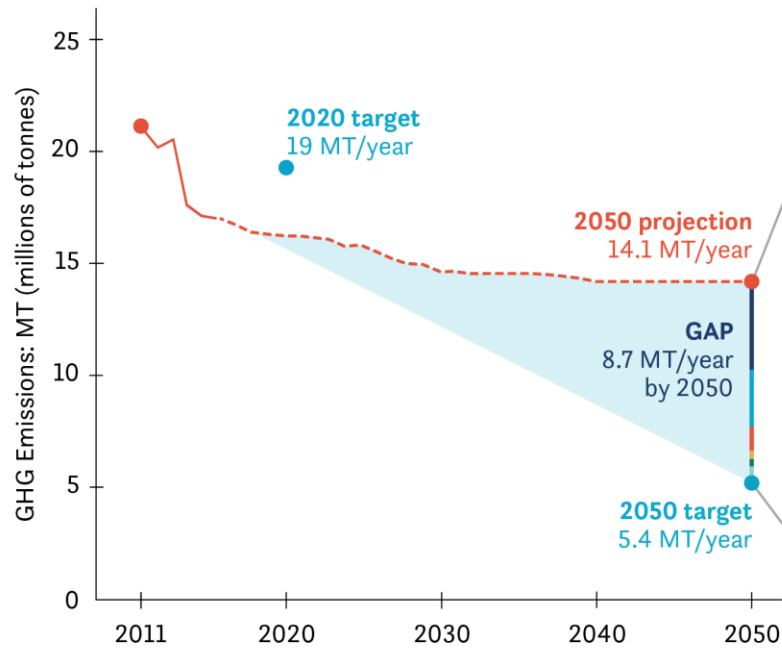


Context

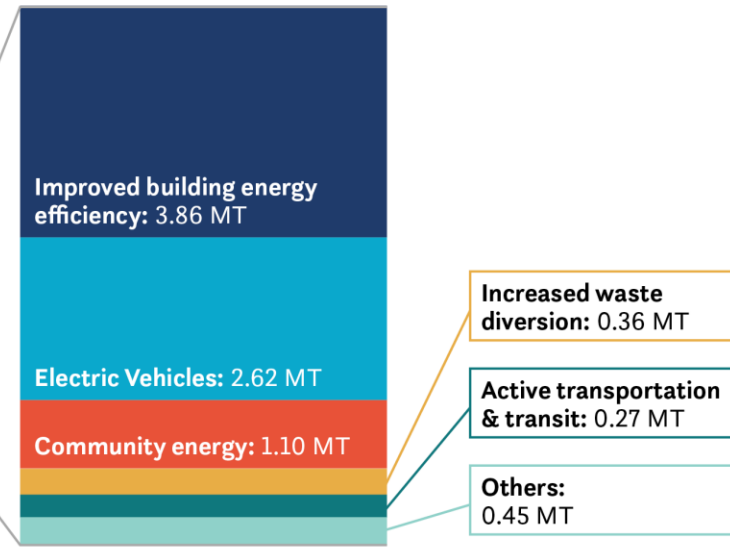
- City Council unanimously approved a set of long-term, low-carbon goals, and strategies to reach them.
- Homes and buildings: By 2030, all new buildings will be built to produce near-zero greenhouse gas (GHG) emissions. By 2050, all existing buildings will have been retrofitted to improve energy performance by an average of 40 per cent. Homes and buildings generate about half of the greenhouse gas emissions in Toronto today.
- Toronto's greenhouse gas reduction targets, based on 1990 levels:
 - 30 per cent by 2020
 - 65 per cent by 2030
 - 80 per cent by 2050

Context

Low-carbon actions can close the 8.7 MT gap



TransformTO Low-Carbon Scenario



What is HELP?

The Home Energy Loan Program (HELP) provides **low interest loans** to homeowners interested in undertaking **energy efficiency, water conservation and renewable energy** works. This loan is then repaid through the homeowner's **property tax bill**.

<https://youtu.be/eO6CdPI0Xwc>

Who is eligible?

- You own a detached, semi-detached, or row house;
- All of the property owners consent to the Program;
- Your property tax and utility payments to the City are in good standing; and
- You obtain written consent from your mortgage lender, if applicable.



What improvements are qualified?

- A broad range of energy and water efficiency technologies
- Also – Renewable Energy Technologies (Solar PV, Solar Thermal, Geothermal)

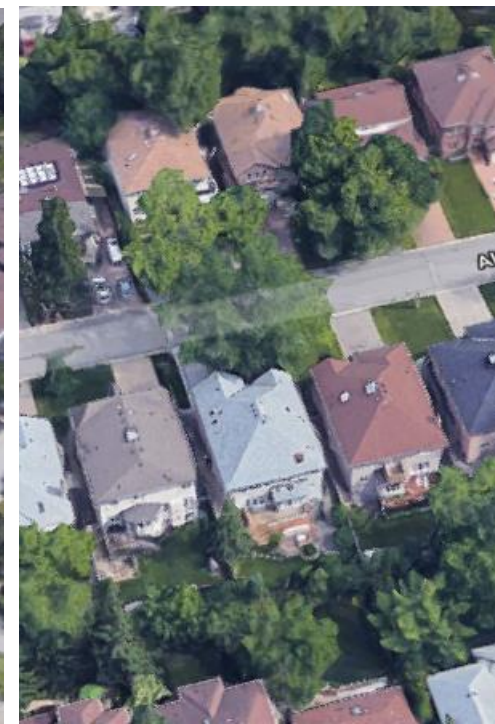
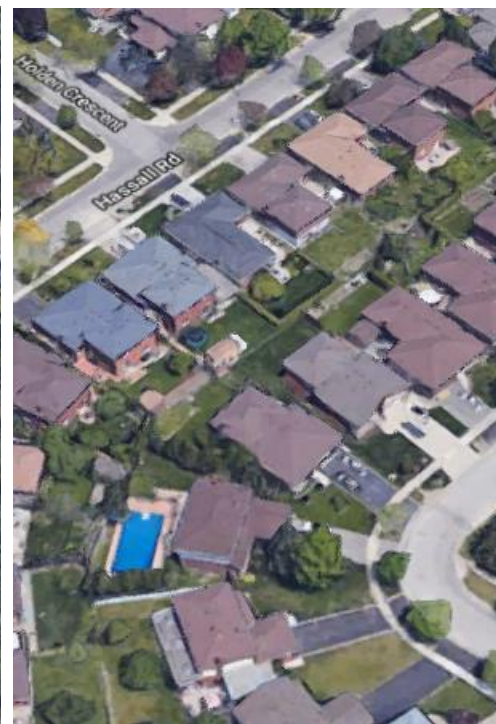
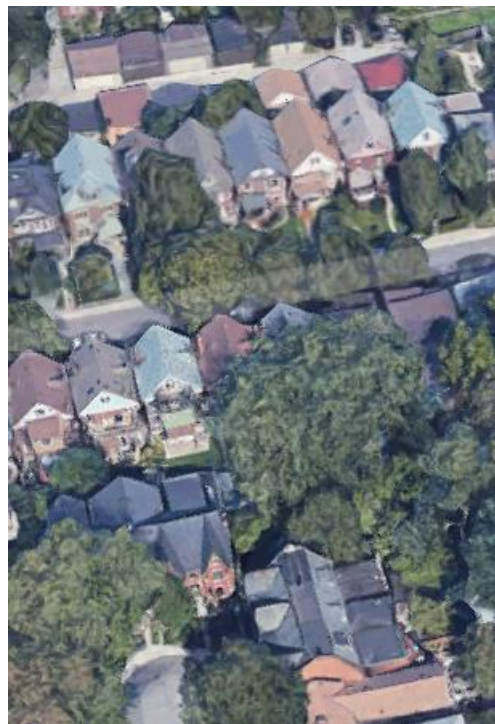


Low Interest

- Loans available up to \$75,000
- City provides low interest rates and long repayment terms

Terms	NEW Interest Rates
5 years	2.0%
10 years	2.75%
15 years	3.5%

HOME ENERGY LOAN PROGRAM



How it works – 5 Step Process

STEP 1 Application

- Submit a Pre-Application via mail or in-person. Soon to be available online!
- If the home is subject to a mortgage, the City will provide the property owner(s) with a personalized Lender Consent Form to pass on to the mortgage lender.

STEP 2 Home Energy Assessment & Funding Request

- Home energy assessment is mandatory and performed by a Registered Energy Advisor.
- Homeowner submits Funding Request Form to City



STEP 3 Property Owner Agreement

- Once POA is signed by owners and City staff, 30% initial disbursement is processed (optional).
- Support from HELP team in accessing utility incentives:
 - Enbridge- (similar program requirements) up to \$1,100 in incentives, audit fee rebate, and up to \$4,000 in Air Source Heat Pump incentives
 - Toronto Hydro- up to \$650 for Furnace and AC rebates

STEP 4 Completing Improvements

- Property owner(s) hire their own contractor(s).
- Final disbursement after final audit and City verification of completed work.



HOME ENERGY LOAN PROGRAM

STEP 5 Repayment

2012 Annualized Tax		Rate	2013 Interim Tax		
\$6,015.35		50% of 2012 Taxes		\$3,007.68	
			Sub Total	\$3,007.68	
Special Charges/Credits		Summary			
		2013 Interim Tax	\$	3,007.68	
Total		\$0.00	Total Amount Due \$ 3,007.68		
1st Instalment Amount	Due Date	2nd Instalment Amount	Due Date	3rd Instalment Amount	Due Date
\$1,003.00	Mar 1, 2013	\$1,003.00	Apr 2, 2013	\$1,001.68	May 1, 2013

Amortized Monthly Payments over 10 years

\$167

HOME ENERGY LOAN PROGRAM

Average Project Profile



Year Built: 1934
HELP Loan: \$16,800
Energy Reduction: 30%
Energy Bill Savings: \$560/year
Typical Improvements:
 -Windows and Doors
 -High-efficiency Furnace
 -Air Sealing

TORONTO livegreentoronto.ca LiveGreen Toronto

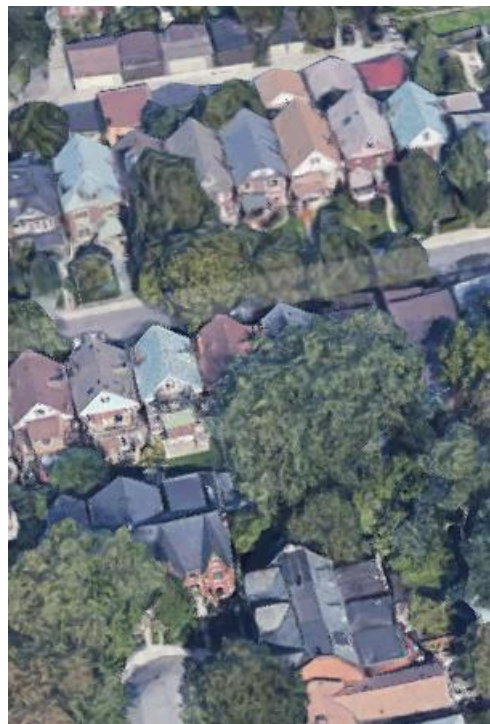
Success to date

- 354 Funding offers & 160 Retrofit Projects Completed and Committed
- \$2.7 million dollars in program expenditure completed and committed
- On average households save \$560/year, decrease energy use 30% and reduce emissions by 395 tonnes eCO₂ /year
- Growing program buoyed by GreenON funding & incentives from utilities

What's Next

- Potential integration home resilience (other incentives offered through the City) into a broader program
- Building on the current LIC enabled program – closer consideration for equity implications of the program
- Exploring the potential for partnership – how could we partner with the banking industry/lenders to increase the scale of implementation?

HOME ENERGY LOAN PROGRAM



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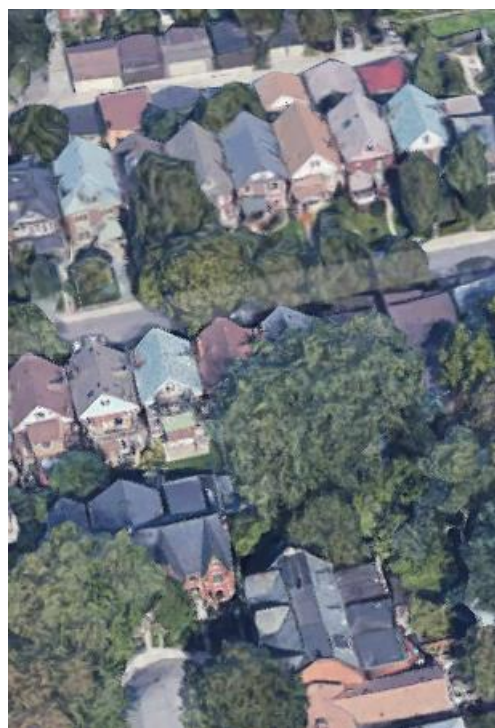
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HOME ENERGY LOAN PROGRAM



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