



TransformTO



Welcome to TransformTO:

Climate Action for a
Healthy, Equitable, and
Prosperous Toronto



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Welcome to TransformTO Community Conversations. Thank you for sharing your vision of a sustainable Toronto. Your ideas will contribute to TransformTO, the City's long-term climate action strategy to reduce greenhouse gas emissions.

TransformTO will help shape Toronto into a healthy, prosperous and equitable city with low greenhouse gas emissions.

Our target is to reduce greenhouse gas emissions by 80% by 2050. The initiative will use community ideas and technical modelling to create a long-term pathway to a low-carbon future.

In December 2016, TransformTO will present to City Council:

1. **A short-term action plan (2017-2020)** to meet Toronto's goal of 30% greenhouse gas emissions reductions by 2020.
2. **A pathway document** that will outline strategies to reduce Toronto's greenhouse gas emissions by 80% by 2050, while generating a healthier, more prosperous and equitable city.

For more information on the project, please visit toronto.ca/transformto



Toronto's Greenhouse Gas Emissions and Targets

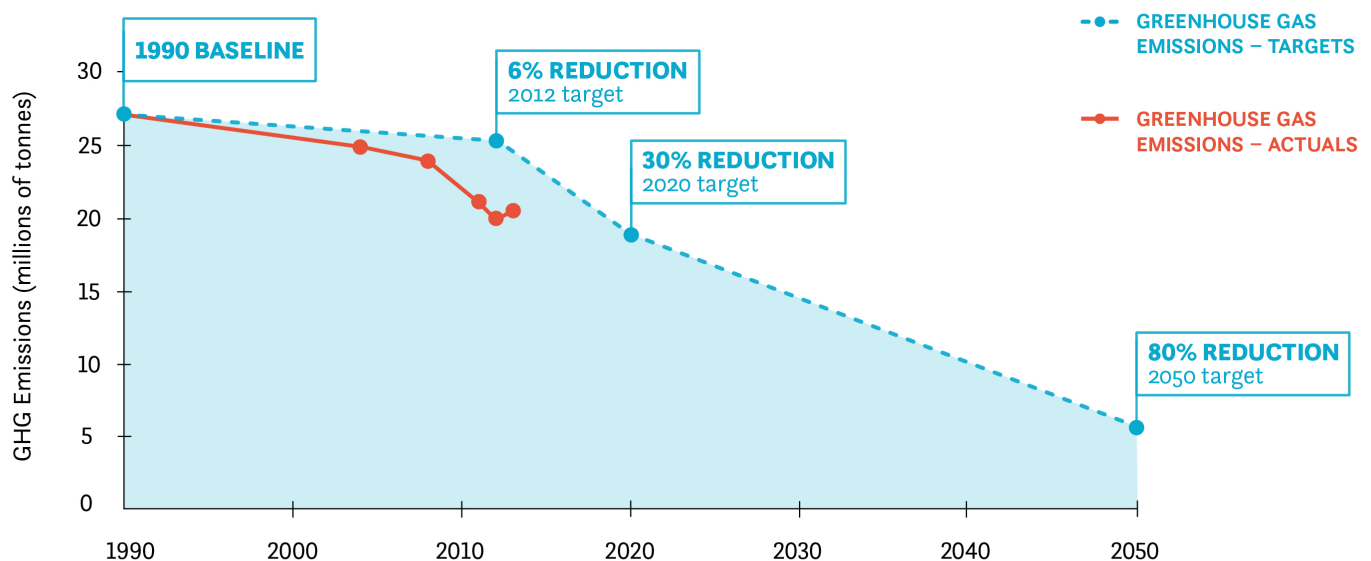
Toronto has ambitious greenhouse gas emissions reduction goals. Based on a baseline of 1990, Toronto's three emissions reductions targets are:

- 6% reduction by 2012
- 30% reduction by 2020
- 80% reduction by 2050

In 2013, our city-wide emissions were estimated at 24% below 1990 levels. We are moving in the right direction, but more action by residents, businesses and government is needed to reach our long-term goals.

Toronto's Greenhouse Gas Emissions & Targets

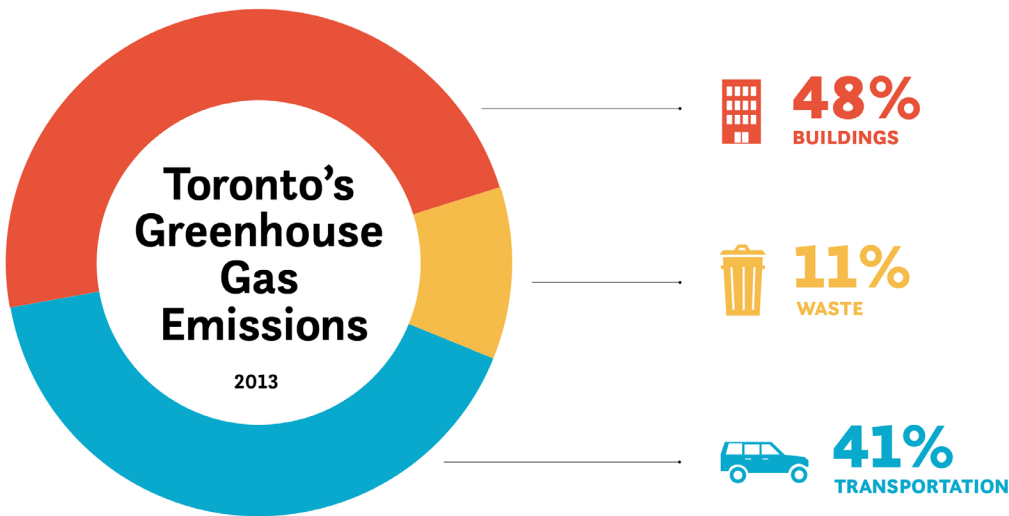
15 MILLION TONNES reduction is needed by 2050 from 2013 levels to hit targets.



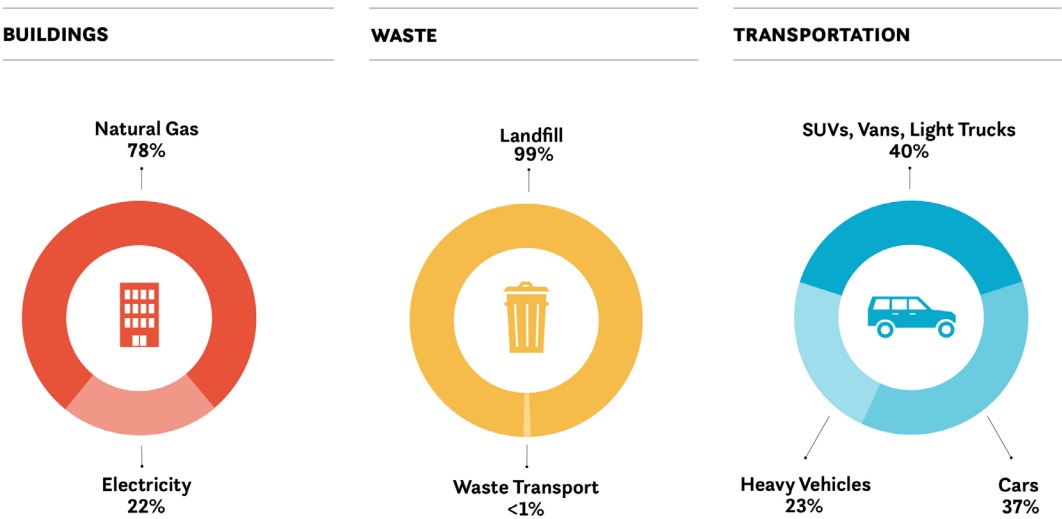
Working Together to Prepare for the Future

We are already starting to experience the effects of climate change in our city. Based on current predictions, extreme weather will become more common in the future.

Reducing our emissions to address climate change will involve a community-wide effort. We know that the biggest sources of greenhouse gas emissions are transportation, heating space and water in our buildings, and waste.



Breakdown of GHG emissions



**Since 2014 and the closure of Ontario's coal-fired power plants, electricity consumption creates far fewer greenhouse gas emissions.*

TransformTO Conversation Questions

Please answer the following questions to help us build a clear shared vision of a sustainable low-carbon Toronto in 2050, and identify what needs to happen to achieve our vision.

1. **Imagine that we have succeeded. By working together, community leaders, local organizations, corporations and residents have created a prosperous, healthy and equitable Toronto that has low greenhouse gas emissions.**

a) Describe what that future Toronto in 2050 looks like to you.

Prompt: What do you want to see around you? What do you want your street to look like? What do you want your house to look like? How do you want to get around?

Examples: I walk to work in 10 minutes.
There are lots of green spaces and trees in my neighbourhood.
My community centre has solar panels and is net-zero energy.
I throw out only one bag of garbage a month.

- b)** Select and describe one of your ideas for Toronto's future to your group. Discuss your group's ideas and choose three that you think would be important to Toronto's diverse residents. Write down your group's shared vision of Toronto in 2050.



2. How can we achieve the vision you described above?

a) Over 200 Torontonians have contributed their ideas in previous consultations. We've grouped the most frequently mentioned ideas into categories below.

With your group, discuss what you think the City's top priorities should be and why. Add any new ideas!

Transportation	Behaviour Change	Green Space	Energy	Buildings
Improve public transit (accessibility, affordability, reliability)	Provide resources and incentives for community networks	Plant more trees	Provide financial support for energy efficiency projects	Strengthen / enhance green building standards for new construction
Implement road tolls	Support stronger local & sharing economies	Support urban agriculture/ food production (allocate space, educate)	Install more renewable energy (geothermal, solar, deep lake water cooling)	Require energy retrofits to existing buildings
Invest more in cycling and pedestrian infrastructure	Support carbon pricing (e.g. carbon tax/ polluter pays)	Naturalize unused areas (hydro corridors, brownfields, lawns)	Install more district energy systems	Provide information/ incentives for less energy use in our homes and offices
Build complete, compact, walkable communities	Increase environmental education, awareness & research	Create more green spaces & parks	Switch from natural gas and car gasoline to electricity	Install more green roofs on existing buildings

3. How would you tell your neighbour that climate change is an important issue?

To reach our 2050 goals and vision, we know we will need the help of all Torontonians. People are busy and have lots of priorities. Tell us what makes climate change important to you so we can engage more of Toronto's residents in the critical work of reducing GHG emissions.

What issues or messages would you stress?

- How climate change connects to your health, or the health of vulnerable citizens like children or the elderly?
- Issues of employment and economic growth and the green economy?
- Equitable access to green space and pollution-free environments?
- Cost to future generations?
- Other?

As a group, write a short message that the City could use to encourage others to participate in our vision and actions for emission reduction.

