



**TransformTO**

# TransformTO

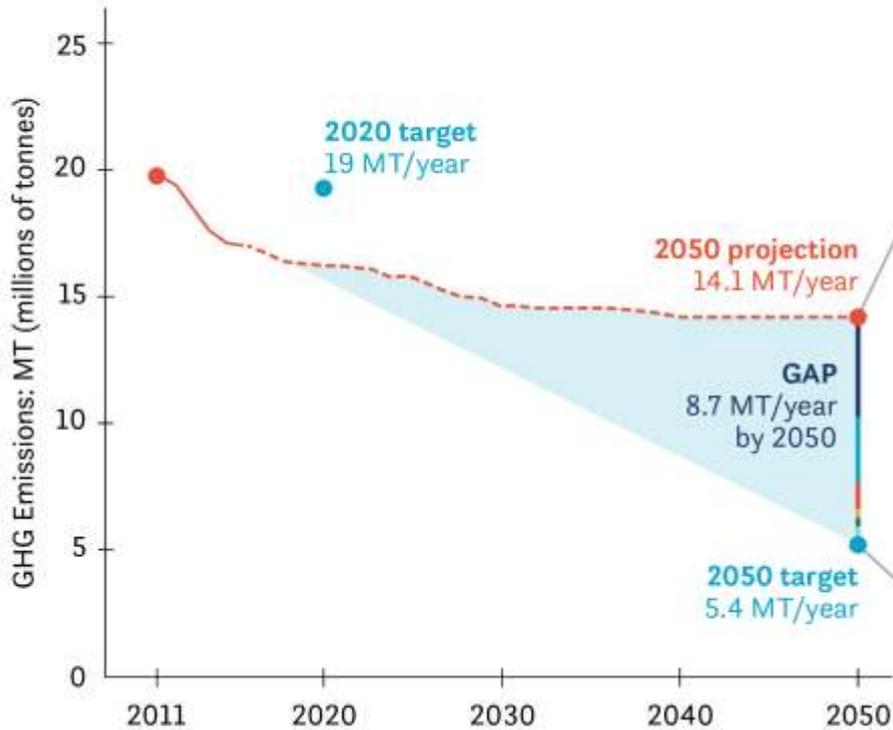
Climate Action for a healthy,  
equitable, prosperous Toronto

Ontario Climate Consortium  
May 11, 2017



# THE GOOD NEWS: WE CAN CLOSE THE GAP

Low-carbon actions can close the 8.7 MT gap

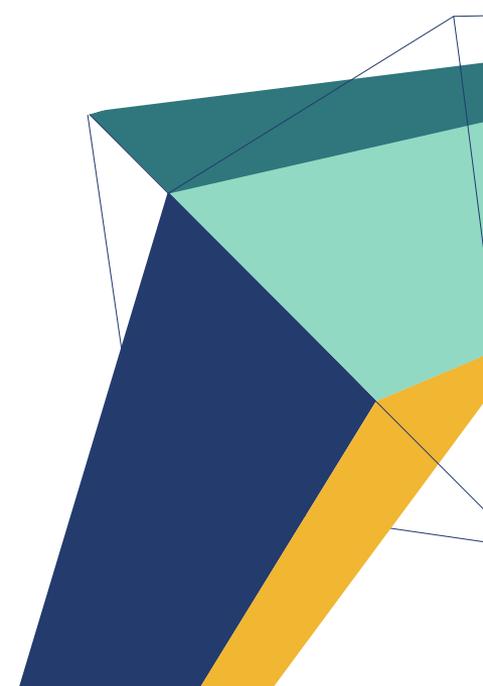


TransformTO Low-Carbon Scenario



# LOW-CARBON ACTIONS CREATE VALUABLE COMMUNITY BENEFITS

1. Public health and community resilience
2. Energy cost savings
3. Productivity, innovation and competitiveness
4. Local jobs and investment
5. Better transportation options



# ACCELERATED BUILDING PERFORMANCE IMPROVEMENT

**100%**

of new buildings are near zero GHG emissions by 2030

**100%**

of existing buildings are retrofitted by 2050 where technically feasible

# NEW ENERGY MIX

**75%**

of energy use from renewable  
or low-carbon sources by 2050

**30%**

of total floor space uses to low-  
carbon thermal energy by 2050



# LOW-CARBON TRANSPORTATION

**100%**

of transportation uses low or zero-carbon energy by 2050

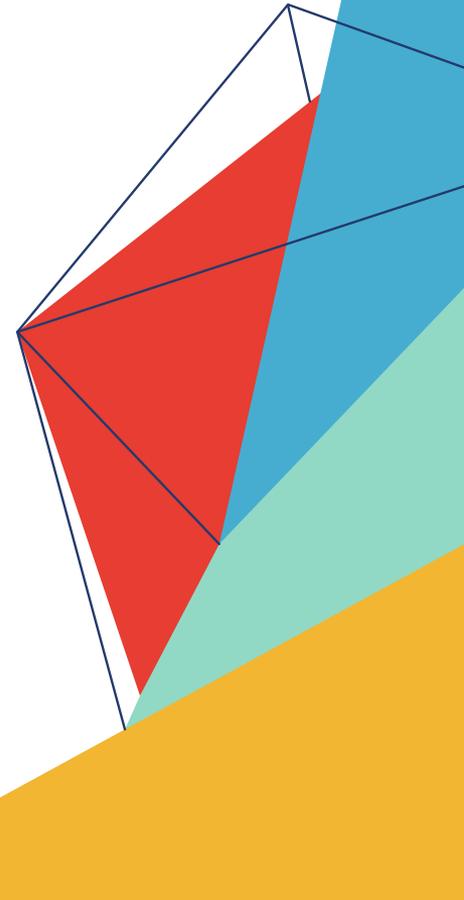
**75%**

of trips under 5 km city-wide walked or biked by 2050



# AGGRESSIVE WASTE DIVERSION

**95%** of waste is diverted in all sectors by 2050



# CITY LEADERSHIP AND REGULAR REPORTING

**65%** reduction in GHG emissions by 2030 as an interim target

**Every 2 years** report to City Council through a performance update



# COLLABORATION IS CRITICAL TO SUCCESS

“Cities that collaborate with other actors are able to deliver twice as many climate actions.”

- C40 Cities/ARUP



# CAMPAIGN #1: Mobilize Low-Carbon Neighbourhoods

## CAMPAIGN #2: Prepare for Electric Mobility

## CAMPAIGN #3: Develop the Workforce for High-Performance Buildings



**Thank You!**

**Julia Langer**

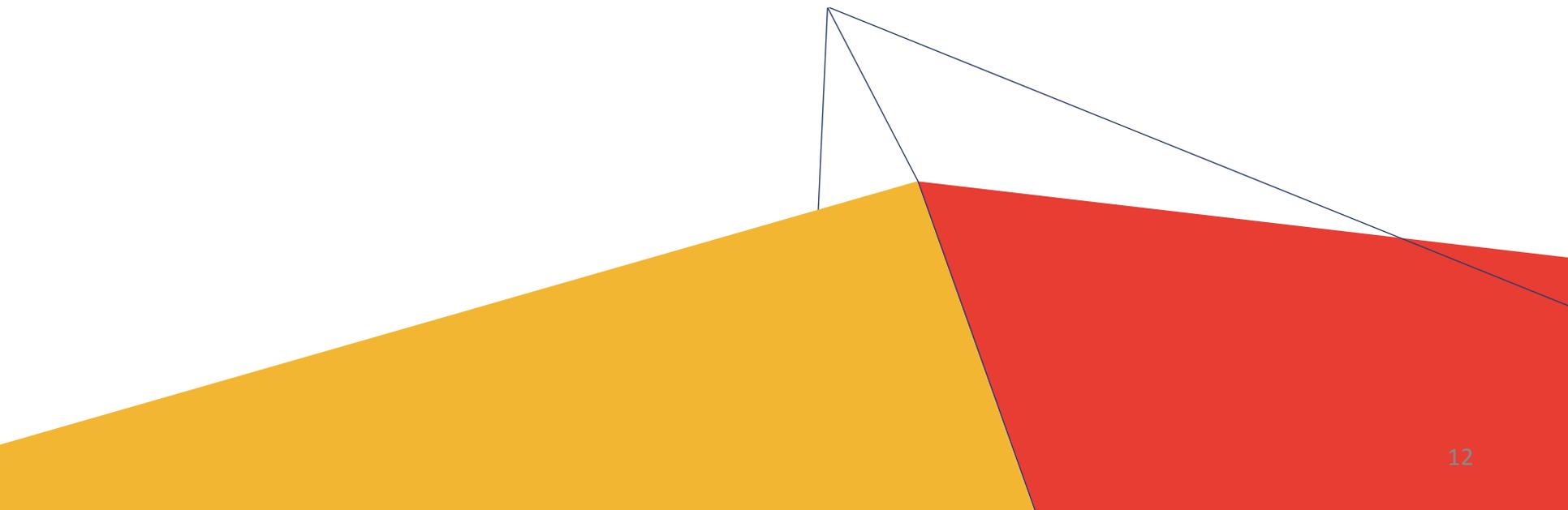
**CEO**

**The Atmospheric Fund**



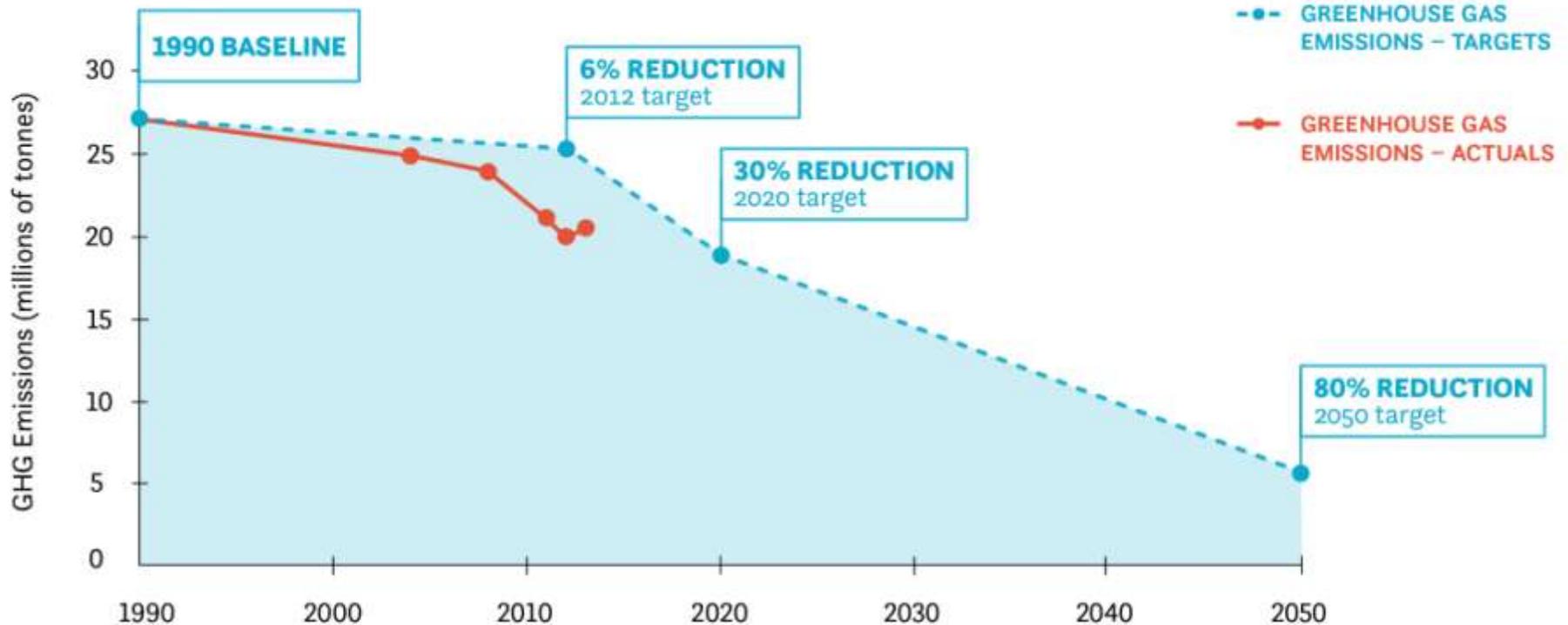
**TransformTO**

# Appendix



# Toronto's Greenhouse Gas Emissions & Targets

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



EMISSIONS RESULTING FROM THE ACTIONS MODELLED IN THE CITY OF TORONTO INTEGRATED LOW CARBON SCENARIO, 2016 - 2050

