



**TransformTO**

# Climate Action for a Healthy, Equitable and Prosperous Toronto

**Toronto's Pathway to a Low Carbon Future**  
**June 8, 2017**



# TRANSFORMATIVE CHANGE NEEDED TO ACHIEVE A LOW CARBON FUTURE



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**100%** of new buildings are near zero GHG emissions by 2030

**100%** of existing buildings are retrofitted by 2050 (average 50% improvement in energy)

**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

**100%** of transportation uses low or zero-carbon energy by 2050

**75%** of trips under 5 km city-wide walked or biked by 2050

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

# LOW-CARBON CITY LEADERSHIP GOALS



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All new City-owned facilities to be near zero greenhouse gas emissions by 2026

Retrofit all City-owned buildings where technically feasible by 2040

24 MW of renewable energy capacity on City-owned property by 2020

Transition 45% of City-owned fleet to low-carbon vehicles by 2030

Achieve net zero waste at all City-owned facilities by 2030

Generate 1.5 Gigajoules of energy annually from biogas by 2030

Become a Canada Top 100 Greenest Employer by 2020

# LOW-CARBON ACTIONS CREATE VALUABLE COMMUNITY BENEFITS

1. Public health and community resilience
2. Energy cost savings (50% average reduction in household energy costs)
3. Productivity, innovation and competitiveness
4. Local jobs and investment (327,000 person years of employment)
5. Better transportation options
6. Majority of actions have a positive return on investment (save money over their lifetime)
7. Avoided capital, maintenance, energy, and carbon pricing costs

