

A large, dark blue-toned image of a glacier with a person standing at the base.

LEAP 2.0

January 16, 2026

DEFY  
GRAVITY



UNIVERSITY OF  
TORONTO



THE UNIVERSITY OF TORONTO  
WILL BECOME CLIMATE POSITIVE BY 2050



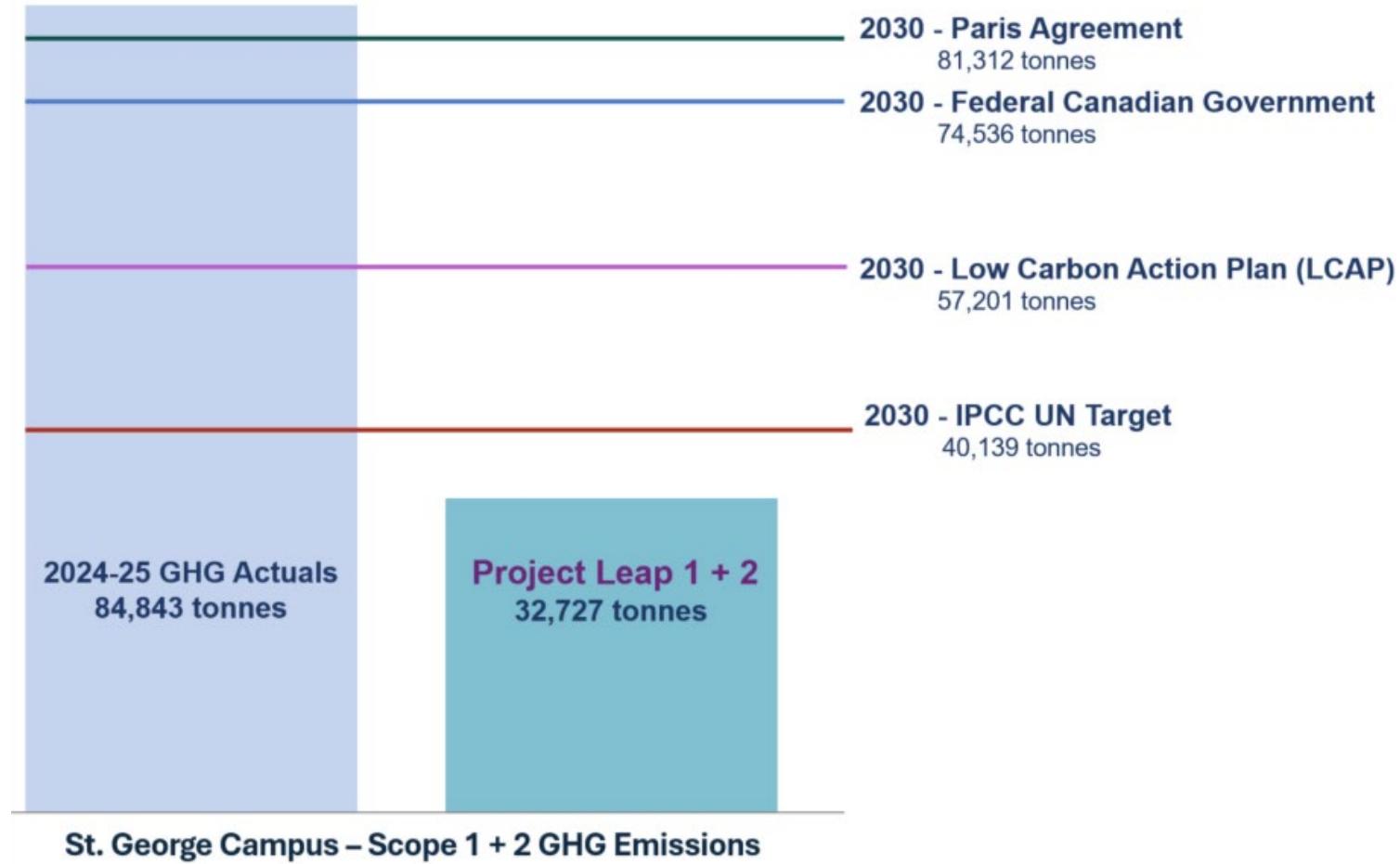
UNIVERSITY OF  
TORONTO

# OUR GOALS

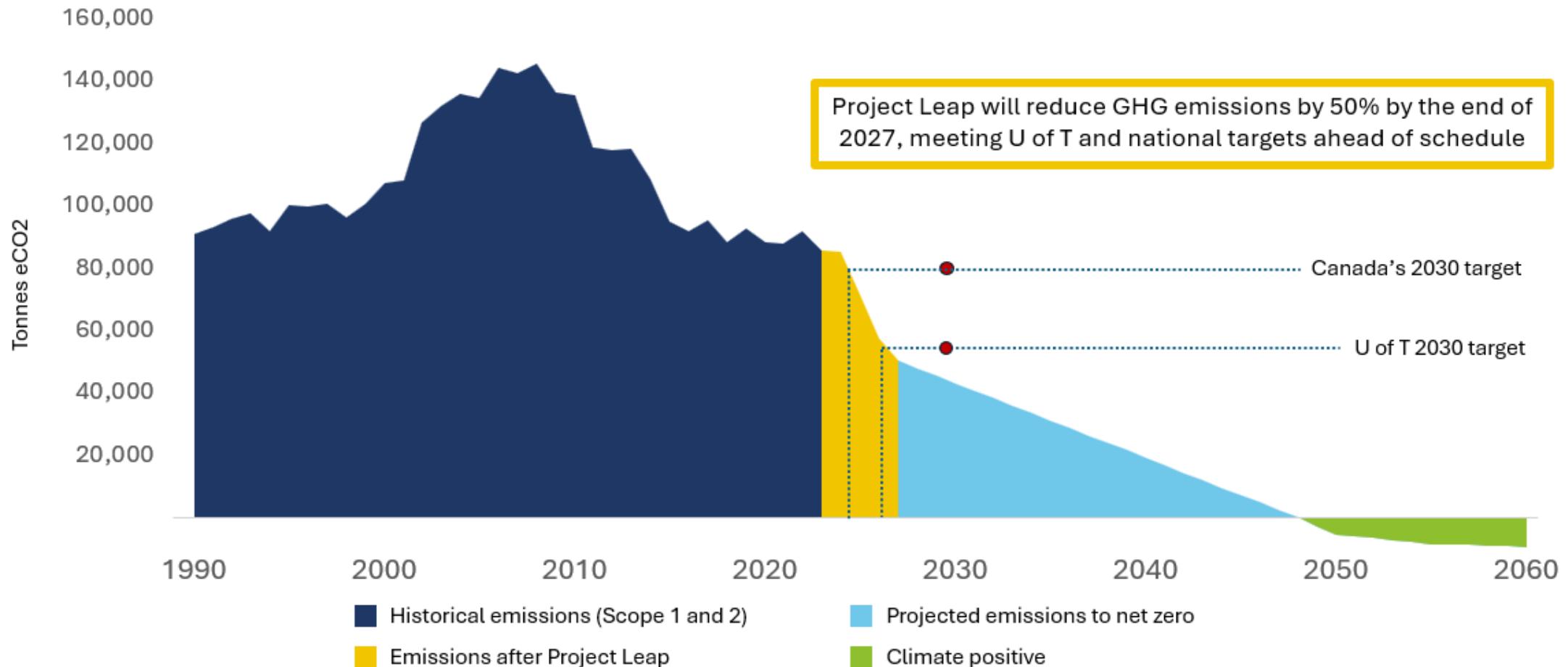
1. Responsibly manage the growth of our campus to mitigate the environmental impacts of more space and activity
2. Renew existing and aged utility infrastructure to ensure future performance that supports academic and research excellence
3. Build resilient systems to support our carbon reduction targets with reliable infrastructure by changing how our campus produces, distributes, and consumes energy.



# PROJECT LEAP – TARGET COMPARISON



# WHERE WE ARE TODAY & PROJECTION



# PROJECT LEAP 2.0

## Highlights

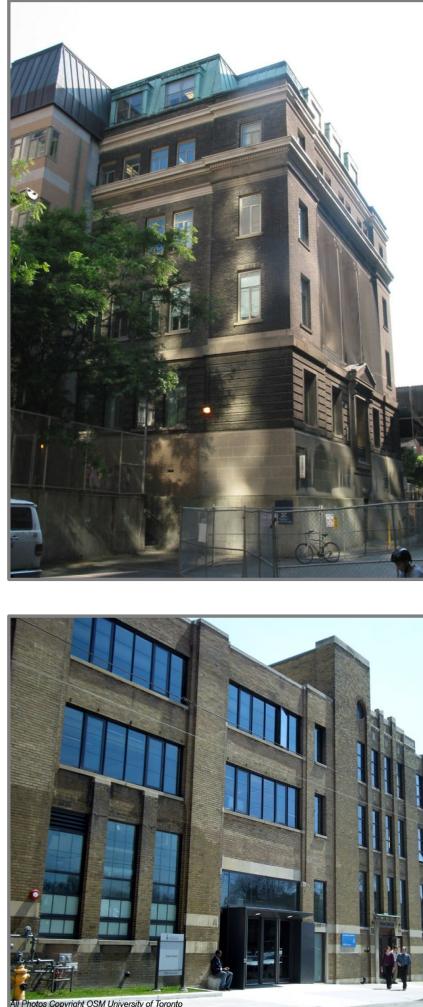
Deferred Maintenance

Supports Program Expansion in Dentistry

Operational Cost Savings

Energy Savings

GHG Savings



# Project Overview

## Deferred Maintenance

- Elimination of steam network and critical operational assets
- Ventilation system renewal, and associated heating and cooling
- Replacement of obsolete controls in critical spaces
- Replacement of end-of-life electrical systems

## New Infrastructure to support programmatic growth for Dentistry

- Increased electrical capacity for future expansion considerations
- Additional ventilation and humidification to Clinic space (Clinic1 and pediatric)
- Adding resiliency to Clinic 2 by enabling connection to building heating and cooling network over a standalone system and the associated risk mitigation of a single point of failure
- Connection of perimeter heating to emergency power

## Investment in Energy and Carbon Savings

- Decarbonization by electrification of heating, humidification, domestic hot water and lab sterilization
- Implementing heat recovery and heat pumps to reuse wasted heat
- Improved efficiency and reliability of building heating and cooling ventilation
- LED lighting retrofits
- Installation of 150kW Solar PV panels
- Insulation of ventilation spaces to reduce energy usage