

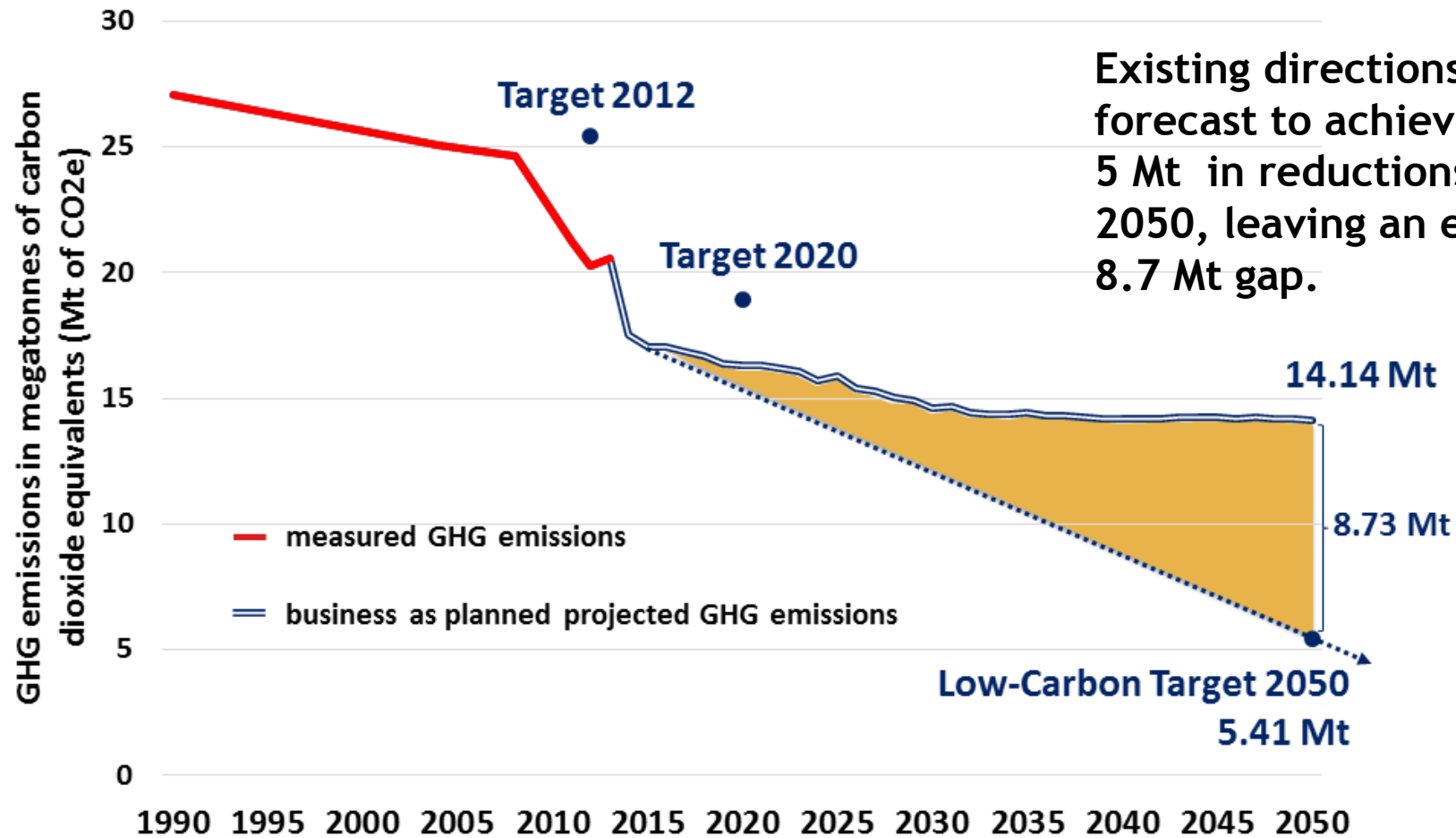
# TransformTO

- Subcommittee on Climate Change Mitigation and Adaptation - April 2015
- First TTO Report - 24 Strategic Actions - to 2020
  - \$330k in 2017 funding - just missed \$1.6 million
  - Community Consultations were key



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# Modelling Outcomes Business as Planned Scenario



# TransformTO

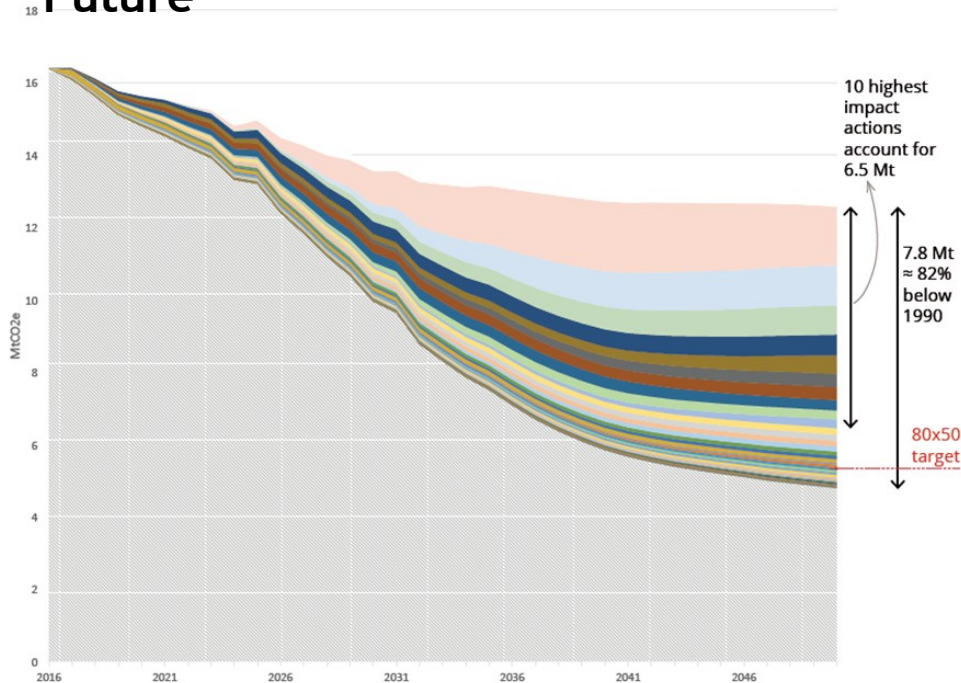
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  - TCHC - \$35.2 million
  - Mount Denis - Community Driven Turn-Around to Net Zero
  - First Cap-and-Trade Auction \$472 million



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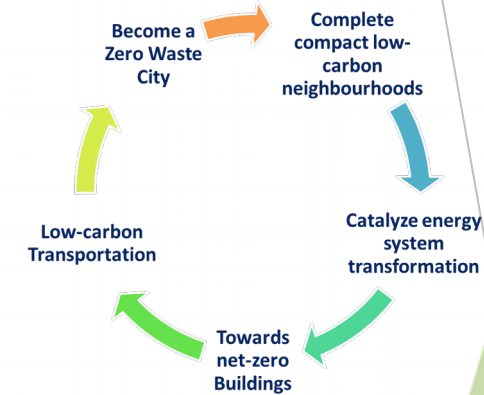
# Beyond Business as Planned (BAP) The 2050 Low Carbon Pathway

## The Modelled Path to a Low Carbon Future



- 30. Increase adoption of EV
- 5. TGS for new buildings (res & non-res)
- 33. Zero emissions vehicles for freight
- 11. TGS for renovations
- 10. Retrofit ICI
- 35. Increase waste diversion
- 20. Increase renewable natural gas in DE
- 18. Electric heat pumps
- 28. Electrify transit fleet
- 8. Dwelling retrofit pre-1980 (HELP+)
- 17-3. Expand DE - geothermal.
- 31. Industrial process efficiency
- 17-2. Expand DE - waste heat.
- 32. Last mile solutions in freight
- 17-1. Expand DE - deepwater cooling.
- 26. Increased cycling mode share.
- 36. Generate biogas from wastewater
- 14. Solar PV existing buildings
- 24. Car free areas
- 16. Integrated solar thermal & PV on facades
- 19. Energy storage
- 2. Incorporate demolition rate
- 21. Condensed work week
- 12. Re-commissioning commercial buildings
- 3. Reduce dwelling unit size
- 4. Reduce commercial floor space per employee
- 9. Dwelling retrofit post 1980 (HELP+)
- 13. Solar PV new construction
- 22. Integrated transit improvements
- 6. Residential retrofit pre-1984 (Tower Renewal+)
- 25. Personal transportation planning
- 34. Electrify City vehicle fleet
- 7. Residential retrofit post 1984 (Tower Renewa+)
- 15. Offshore wind
- 27. Increased walking mode share
- Remaining emissions

## Requires Transformation of Toronto's Urban Systems



Modelled 36 actions which show that it is possible to achieve the 80x50 goal.

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- Role of the Community



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Sign-up for TransformTO webinars

April 27 6:30 - 8:00 pm

May 2 12 - 1:30 pm

Register at [toronto.ca/transformto](http://toronto.ca/transformto)



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