

# **The Roadmap for Waste – Unpacking Where Rural Municipalities Fit**

**January 19, 2026 / 10:15 – 11:30 am**

**Dominion Ballroom North, 2nd Floor**



# 2025

## State of Waste in Ontario: Landfill Report



WASTE TO  
RESOURCE  
ONTARIO



7 largest landfills account for **57%** of Ontario's available landfill capacity.

**12.75 Million tonnes** of Ontario's waste disposed in landfills.

**27%** of Ontario's waste landfilled in the United States in 2024.

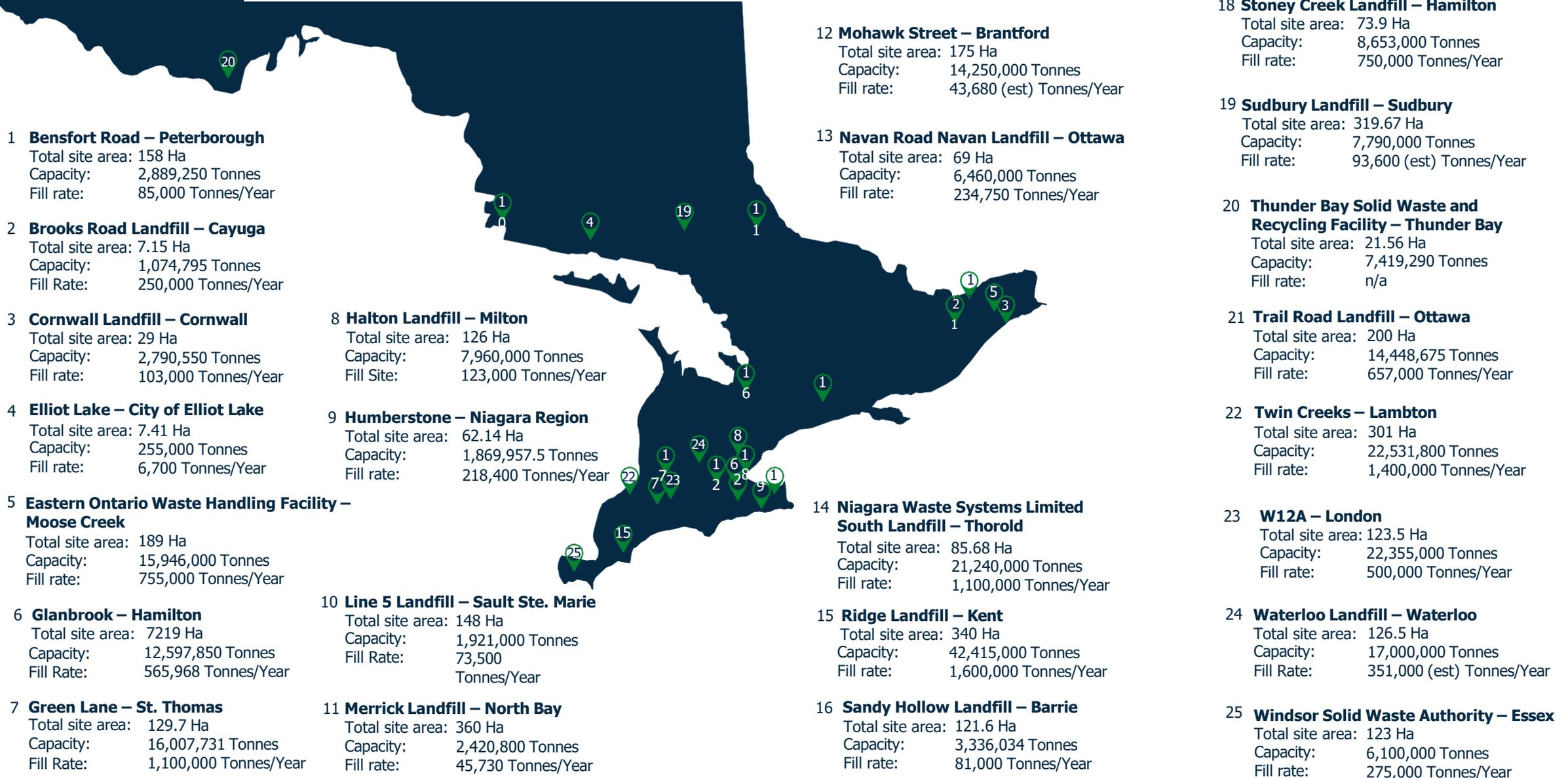
By **2037**, average remaining landfill capacity will be **depleted**.

Ontario's Available Landfill Capacity at **125.61 million tonnes** as of 2024.

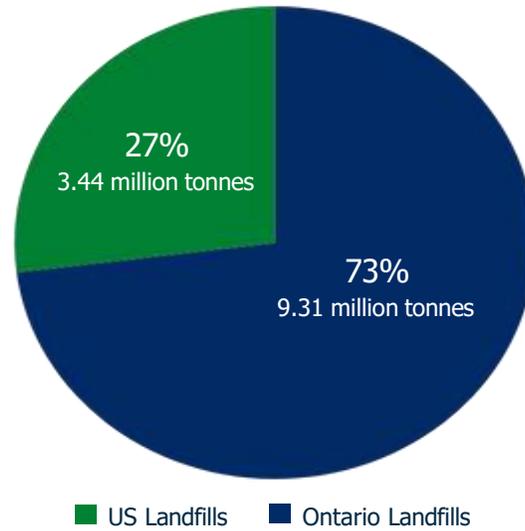
Ontario's landfill capacity to be **exhausted** by **2034** if borders close.



# Major Ontario Landfill Sites



## 2024 Ontario Waste Landfilled as a Percentage

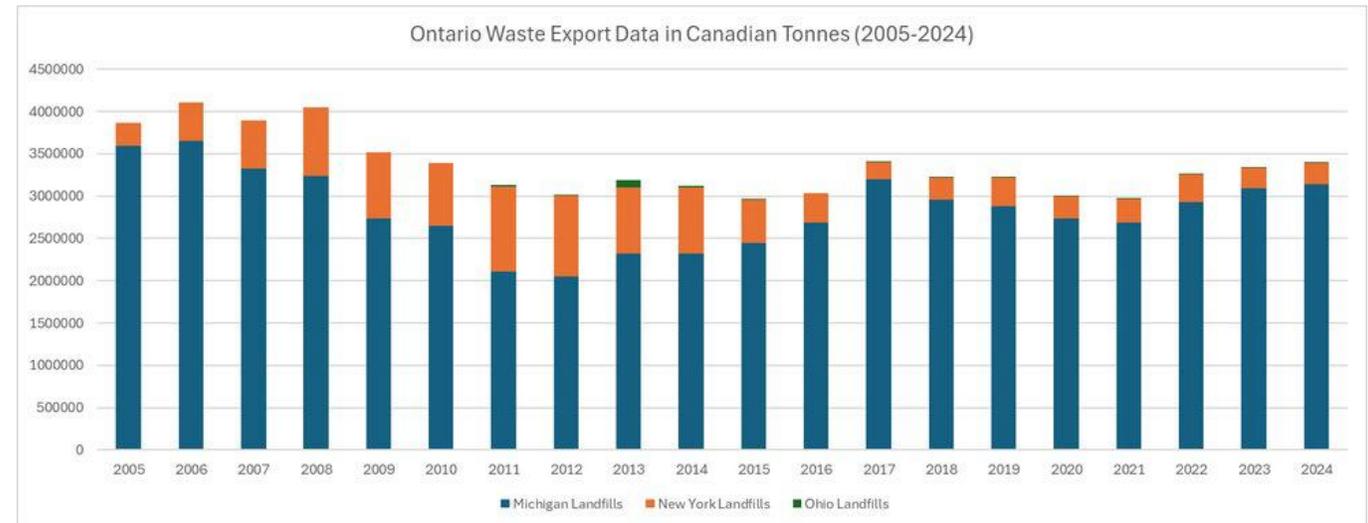


*Ontario waste landfilled as a percentage (tonnes)*

In 2024, Ontario generated an estimated 12.75 million tonnes of waste that was disposed at landfills (both Ontario and US).

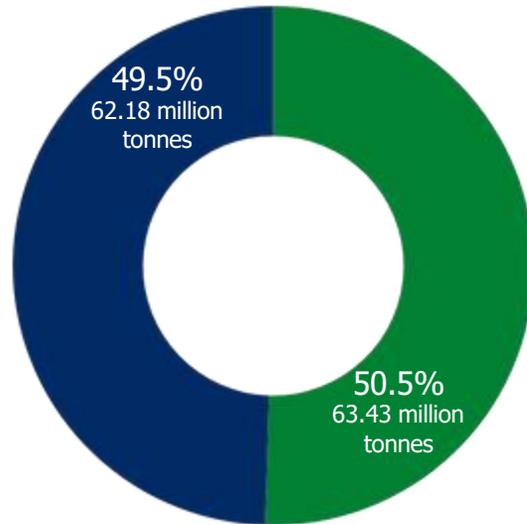
Of this total, approximately 9.31 million tonnes were disposed at Ontario landfills, while 3.44 million tonnes were exported to landfills in the United States, primarily Michigan, followed by New York and then Ohio.

When waste export data is combined with data on waste disposed in Ontario, the total amount of waste sent to landfills by Ontarians in 2024 was almost 12.75 million tonnes compared to 10.74 million tonnes disposed in 2022 (according to StatsCan), up by almost 19%.



*US waste exports are dominated by Michigan (91%), while New York accounts for 8% % Ohio < 1%.*

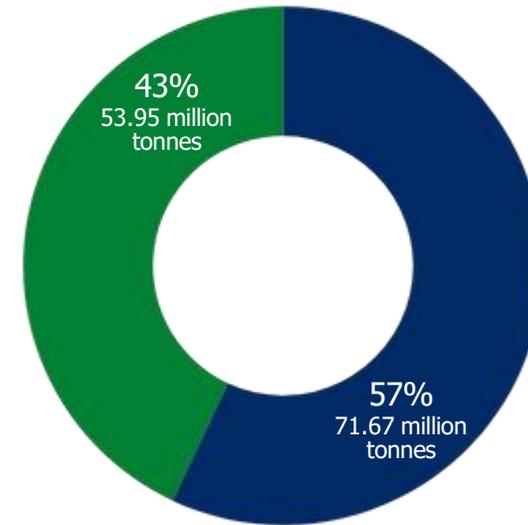
Remaining Landfill Capacity (Tonnes) at Ontario's Active Landfills (2024)



■ Private ■ Public

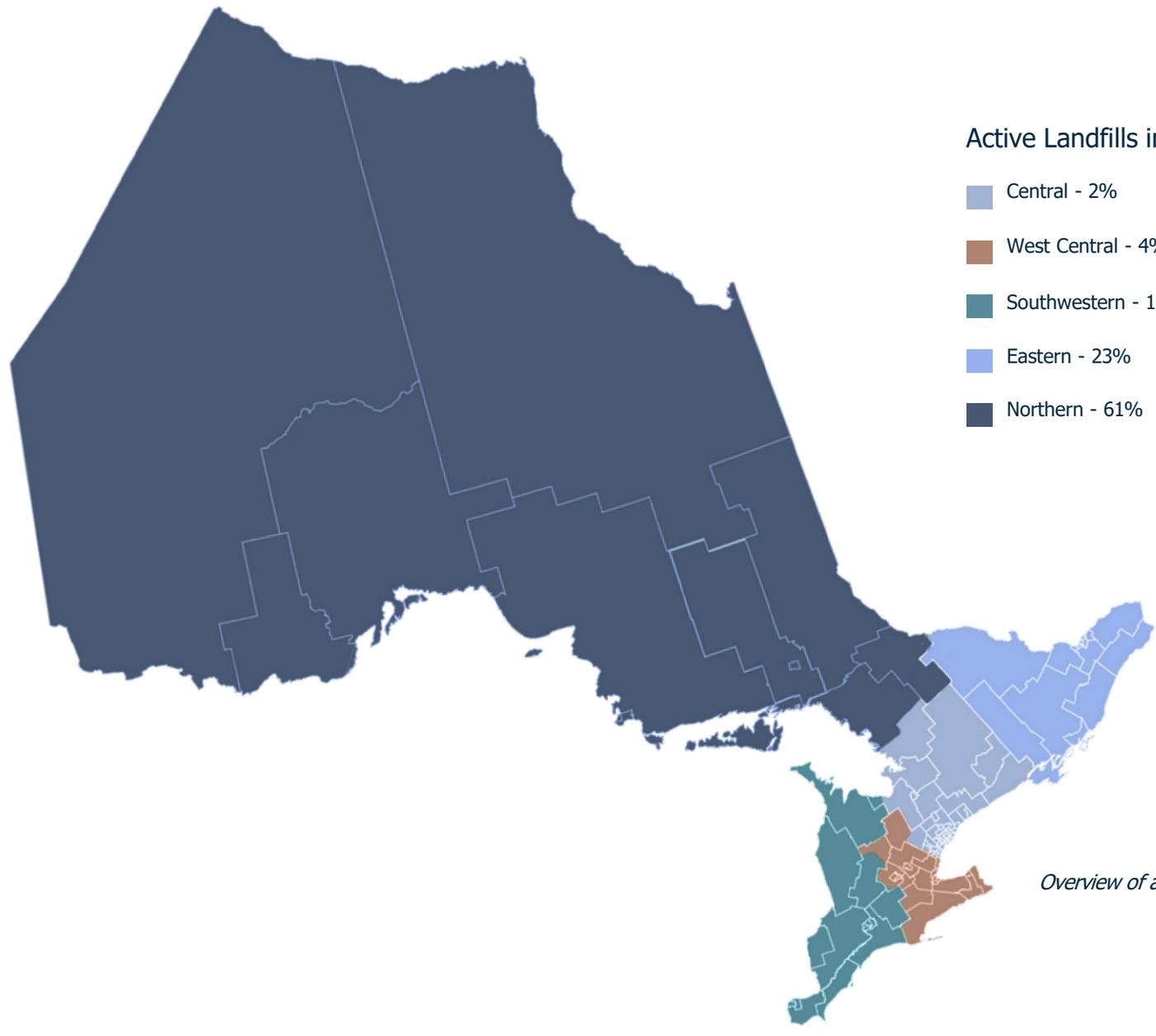
*Remaining capacity (tonnes) at Ontario's active landfills - private & public that has been collected.*

7 Largest Landfills as Percentage of Total Remaining Landfill Capacity



■ All Remaining Landfills ■ Largest Seven Landfills

*Proportion of remaining landfill capacity concentrated in Ontario's seven largest sites. Collectively, these landfills represent 57% of the province's total remaining capacity (71.67 million tonnes).*

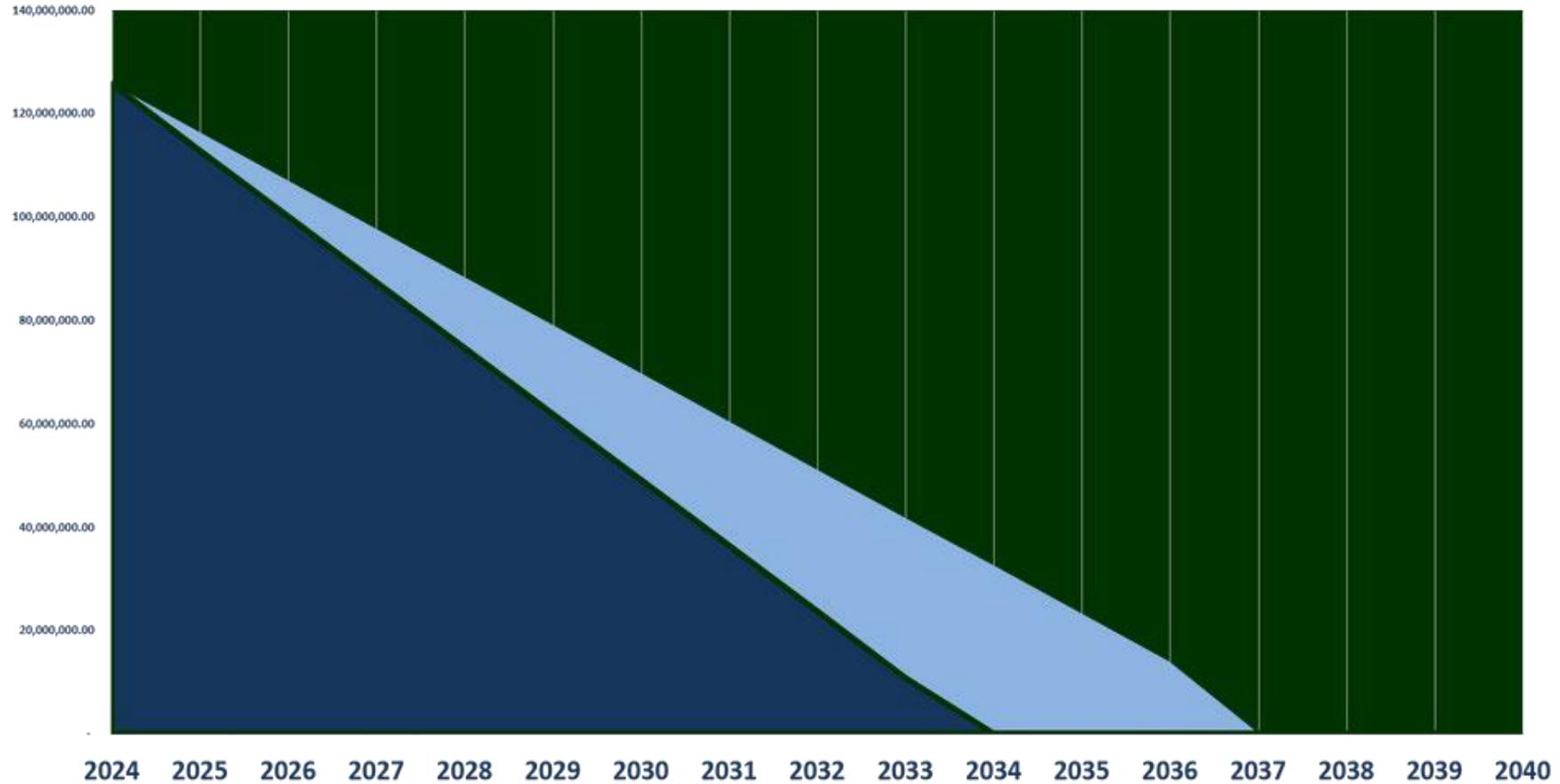


Active Landfills in Ontario by Region

- Central - 2%
- West Central - 4%
- Southwestern - 10%
- Eastern - 23%
- Northern - 61%

*Overview of active landfills across the province by Region.*

## Ontario Landfill Remaining Capacity in Years



*Figure 13 is a projected exhaustion timeline for Ontario landfill capacity. At current disposal rates, capacity is expected to be depleted by 2034 without waste exports to the United States. With continued exports, the timeline extends to 2037.*

# Questions?

For more information, please contact:

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# City of Timmins Waste Road Map

January, 2026

**Presentation By: Ken Krcel, Director of Public Works &  
Environmental Services, City of Timmins**



# AGENDA

## **Overview of Timmins' Waste Management Programs**

- Challenges
- Opportunities
- Trends

## **Waste Management Project Highlights**

- Deloro Landfill Gas Collection & Flaring System
- Biosolids Diversion
- Excess Soil
- Co-digestion facility design

## **Extended Producer Responsibility**

- General Overview
- Blue Box Transition
- Extended Curbside Waste Collection





# CITY OF TIMMINS



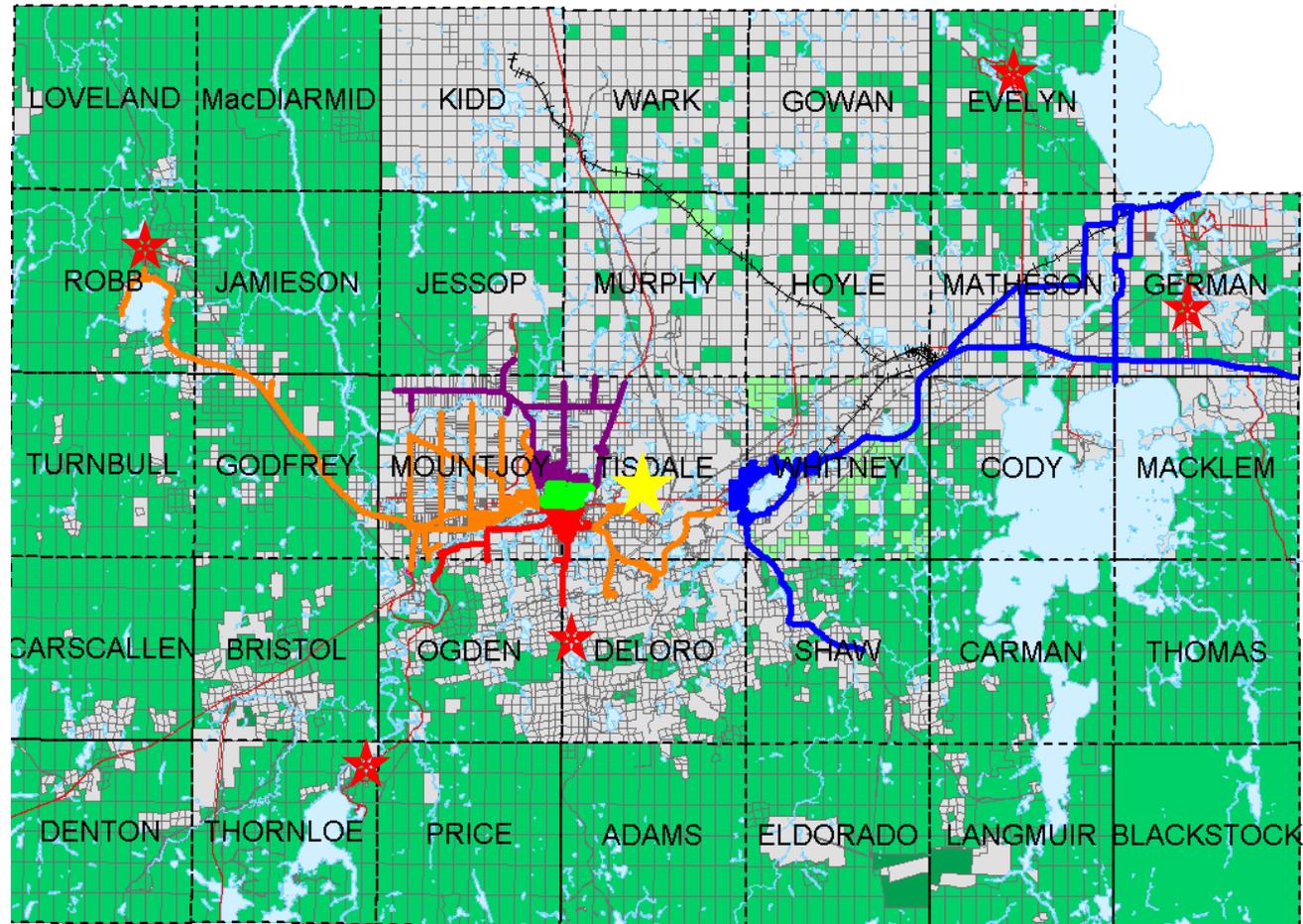
Located in northeastern Ontario, Canada, has a population of approximately 42,000 residents. Timmins has a strong industrial base, primarily driven by mining, particularly gold, as well as forestry. The City is situated on the traditional territory of the Mattagami First Nation.

Covering an area of about 3,020 square kilometers, Timmins has a population density of approximately 13 people per square kilometer.





# SERVICE AREAS





# CURBSIDE COLLECTION



5 single stream collection trucks – rental fleet

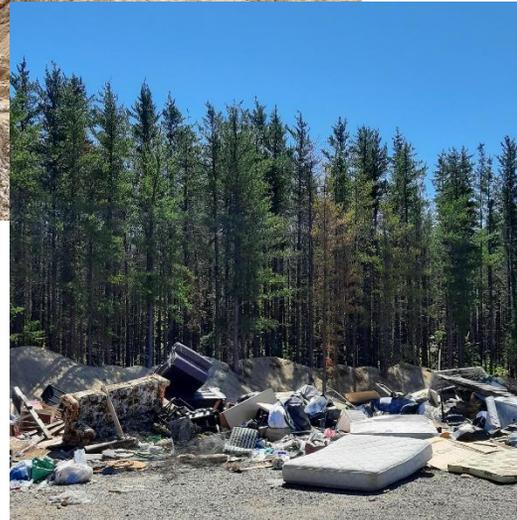
Approx. 90% of residents receive curbside waste and recycling collection.

Collect an average of 8800 tonnes of waste from the curb.





# RURAL LANDFILLS



Robb Township Landfill  
Seasonal  
(under care & maintenance)

Evelyn Township Landfill  
Seasonal

Thornloe Township Landfill  
Year-round access

German Township Landfill  
Year-round access,  
operated by contractor.





# DELORO LANDFILL SITE



Total approved capacity of 5,767,696 m<sup>3</sup>.

60,000 to 72,000 tonnes per year

Approximately 35 years of remaining capacity.

Diversion programs include blue box, electronics, mix metal, tires, batteries and waste oil.

The Deloro Landfill is a natural attenuation landfill site. The Site has an approved Contamination Attenuation Zone (CAZ) of 311.7 hectares.





# LANDFILL GAS COLLECTION & FLARING SYSTEM



O. Reg. 232/98: LANDFILLING SITES  
Landfill gas collection and flaring for  
operating landfills larger than 1.5 million  
cubic metres.

The purpose of the LGCFS is to reduce  
greenhouse gas emissions from the  
landfill.

Seventeen (17) vertical extraction wells  
within the waste (phase 1 of 4).

Designed for 9.9m<sup>3</sup>/min  
2025: 2,546,932 m<sup>3</sup>  
CO<sub>2</sub>e:17,131 tonnes





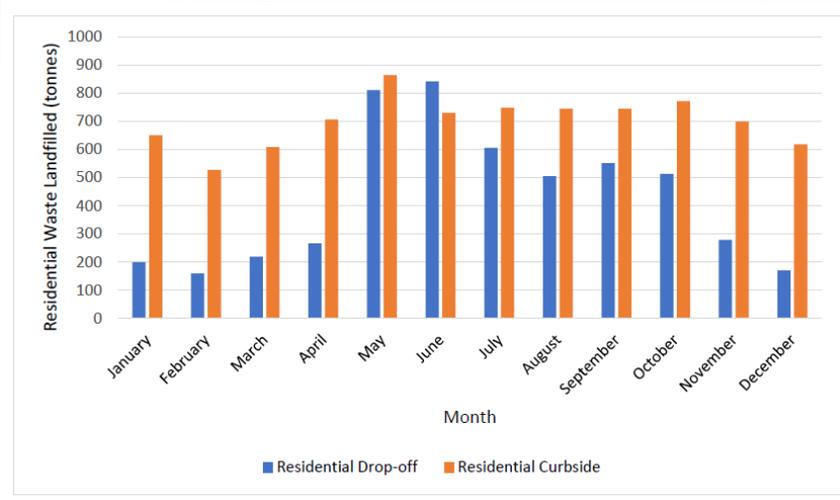
# BIOSOLIDS DIVERSION

Beneficial reuse of biosolids from the Mattagami Water Pollution Control Plant to support local mine reclamation.



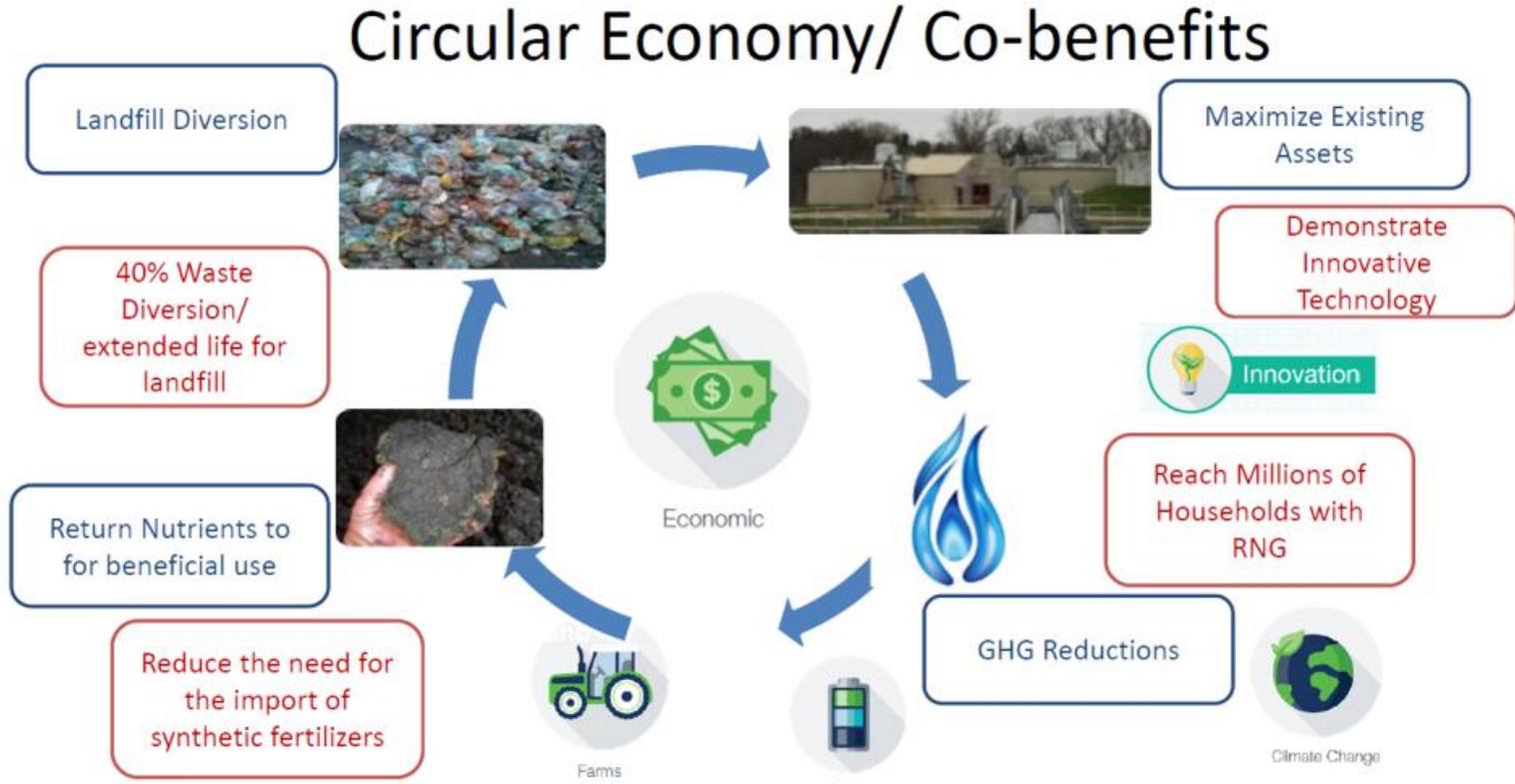


# COMPOSTING FEASIBILITY STUDY





# CO-DIGESTION





# SOIL MANAGEMENT FACILITY

## **Excess Soil Regulation 406/19**

- Soil reuse for landfill cover
- Soil reuse for municipal projects
- Source separating
- Ban on landfilling clean soil January 1, 2027

## **Development of Class II Soil Management Facility**

- First in northern Ontario
- Site plan development
- Operational plan





# EXTENDED PRODUCER RESPONSIBILITY

## Benefits

- Shifts costs & operations away from taxpayers
- Encourages better product and packaging design
- Consistency across the province

## Challenges

- Limited access & drop-off locations
- Narrow range of designated materials
- Ongoing municipal costs





# BLUE BOX TRANSITION

City of Timmins transitioned on January 1, 2025





# BLUE BOX CURBSIDE COLLECTION & DEPOT OPERATIONS

GFL is completing the curbside collection of blue box materials on behalf of Circular Materials Ontario.

As of January 1, 2025 any and all issues with blue box collection are managed by GFL & CMO.



City of Timmins Depot Operations Agreement with Circular Materials allows for increased diversion and service to rural residents.

Expanded curbside collection service to rural areas.





## FUTURE

While Northern Ontario presents unique waste management challenges, these challenges also create opportunities. Staff remain highly committed to waste diversion and are actively identifying innovative, practical solutions to improve performance and long-term sustainability.





**THANK YOU!**

**QUESTIONS**

**Ken Krcel, Director of Public Works &  
Environmental Services**

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# **Dufferin County:** Our path to long-term waste planning and tackling organics

ROMA Conference 2026

# Overview

- ❖ Where is Dufferin County?
- ❖ A snapshot of Dufferin Waste programs and services
- ❖ Long-Term Waste Management Strategy Update
- ❖ LTWMS Initiatives – spotlight on Organics Diversion and Food Waste Reduction
- ❖ Takeaways...

# Dufferin County

- Location: approximately 100 km northwest of Toronto
- Eight local municipalities – an urban and rural mix
- Approximately 71,000 residents and 25,500 single-family and multi-residential households
- No landfill or County owned waste facilities



# A snapshot...current programs and services

## Curbside collection:

- Garbage (one clear bag limit) and Organics (green bins) - co-collected weekly
- Bulky items – monthly call-in
- Yard waste - seasonal
- Bi-annual curbside battery collection
- Recycling
  - Residential blue carts are coming March 2026 under Circular Materials
  - County collects small-medium IC&I locations with blue carts



# ...current programs and services



- Customer service
- HHW and E-Waste Event Days
- Compost Giveaway Days
- Take It Back Program
- Dufferin Waste App, P&E materials
- Campaigns
- Community Events/outreach
- Waste Reduction Education Program (schools)

# Long-Term Waste Management Strategy Update



- Originally developed 2016-2017
- Purpose – to update and enhance the County’s waste management system to maximize the diversion of waste from disposal in an economic, environmental and socially responsible manner
- Update process began fall 2025, completion expected spring 2026

# Long-Term Waste Management Strategy Update



The suite of original recommended waste management initiatives include an emphasis on:

- waste reduction;
- optimizing the County's existing programs; and
- the introduction of new waste diversion opportunities

# Long-Term Waste Management Strategy Update



[Clothes'ing the Loop \(arccgis.com\)](http://arccgis.com)

## Initiatives, such as:

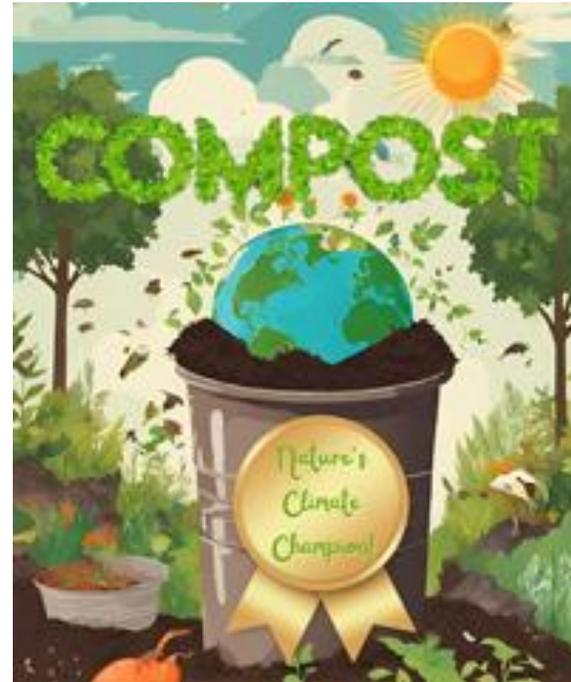
- food waste reduction
- enhanced promotion and education to support the Green Bin program
- textiles reuse and recycling promotion

## Update in 2025-2026

- e.g. Circular economy – reuse opportunities
- e.g. Future disposal planning

# Tackling organics...

- Green bin organics collections
  - since 2007
  - approx 3000 tonnes per year
  - approx 60% participation rate
  - neighbourhood campaigns
- Seasonal yard waste and Christmas trees
  - approx 2500 tonnes per year
- County-subsidized backyard composters for sale
  - \$35 per unit



[International Compost Awareness Week  
\(compostfoundation.org\)](http://compostfoundation.org)

# Yet...there are still organics in the garbage!

In Dufferin, approx. 30% of the regular garbage stream is still organics – food waste that could have been eaten (avoidable), or food waste and soiled paper products (unavoidable) that could have been diverted for composting

## **Edible (avoidable) food waste**

is any food that could have been eaten at some point but was thrown out (e.g. leftovers).



## **Inedible (unavoidable) food waste**

includes bones, vegetable & fruit peels, egg shells, coffee grounds and any other food scraps that aren't usually eaten.



# Another focus - food waste reduction...

- Initial partnership with local Public Health
  - Research
  - Campaigns



## Combination of socio-economic and environmental benefits:

- help households save money - reduction in food being wasted
  - approx. \$1,500+ per year!
- consume those healthy foods
- prevent edible food waste from entering the waste stream
  - Less garbage in landfill and organics for processing
  - Climate Action - methane reduction in landfills and reducing the carbon footprint in the food system

# Municipal promotion...



## “Plan to Save: Reduce Food Waste” campaign

<https://www.dufferinco.onty.ca/foodwaste>

Activities and resource materials to help with behaviour change

- ✓ tips and resources for awareness of food waste habits (e.g. observing how much edible food waste you have)
- ✓ build skills to meal plan, buy only what is needed and properly store food

Downloadable resources such as a Produce Storage Guide, Refrigerator Infographic, and Meal Planning Sheet



# Takeaways...

A LTWMS helps to create a roadmap for programs and services

Organics/food wastes are a significant part of the garbage stream to be reduced and diverted

How can your municipality encourage residents to divert/reduce their organics?

- ✓ Green Bin curbside collections and/or focus on backyard composting
- ✓ Collection tools/policies (e.g. garbage bag limits, clear bags, frequency etc.)
- ✓ P&E – food waste reduction campaigns etc.

# Thank you!

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