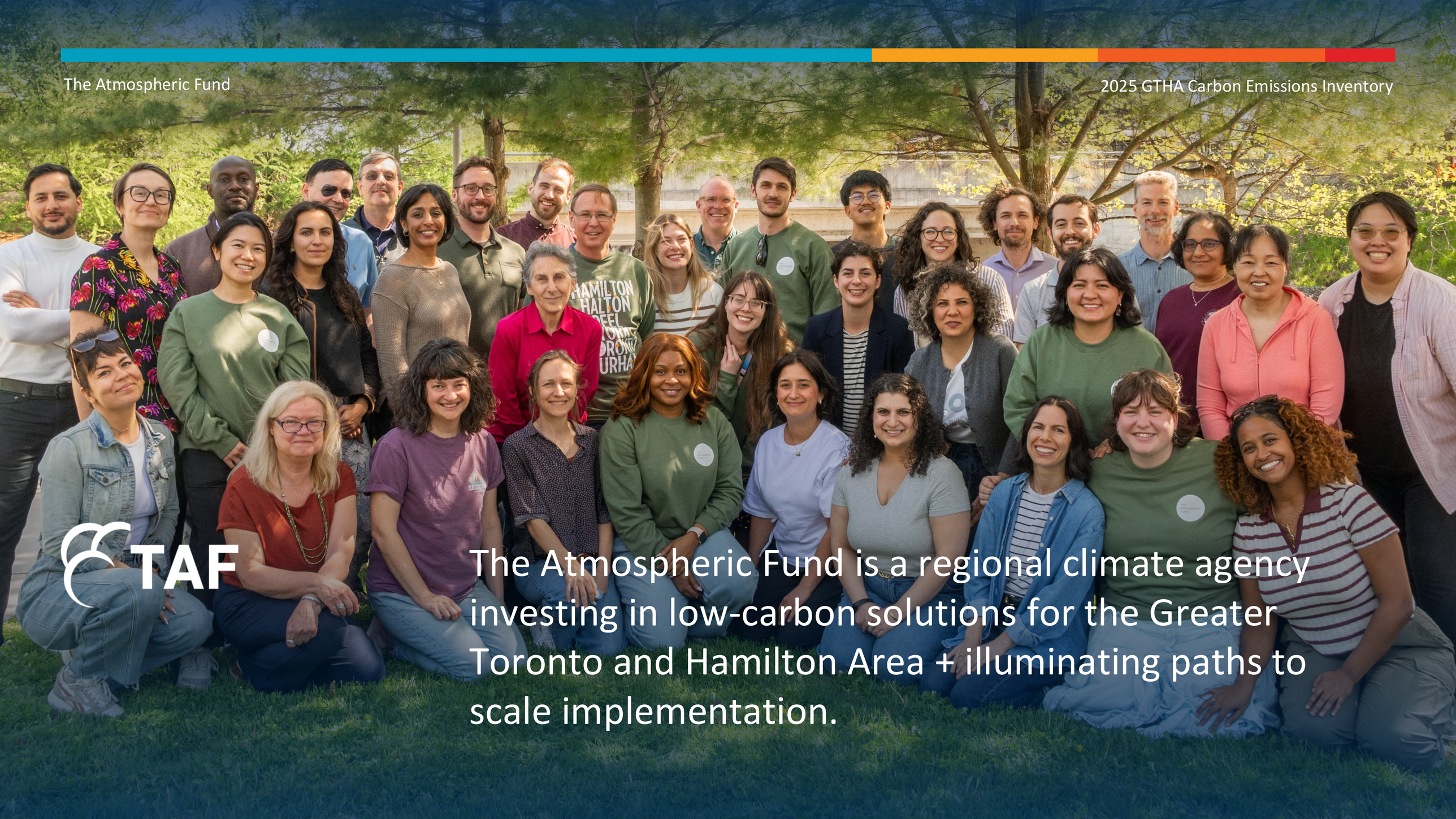
November 24, 2026

Inside the Inventory



TAF | Results & Recommendations



The Atmospheric Fund is a regional climate agency investing in low-carbon solutions for the Greater Toronto and Hamilton Area + illuminating paths to scale implementation.

Meet the team



Chris Caners

Director, Clean Electrification



Ekaterina Tzekova

Director, Research & Innovation



Patrick Ronan

Manager, Research & Innovation



Laura McCloskey

Analyst, Climate Policy



Bryan Purcell

VP, Policy & Programs

Context

Decision making

Understand where emissions come from to inform decision making

Knowledge sharing

Share findings with broad group of stakeholders

Policy making

Support the development of our policy recommendations

Signal

Climate action is good economic and social policy, improving health, energy security, and resilience



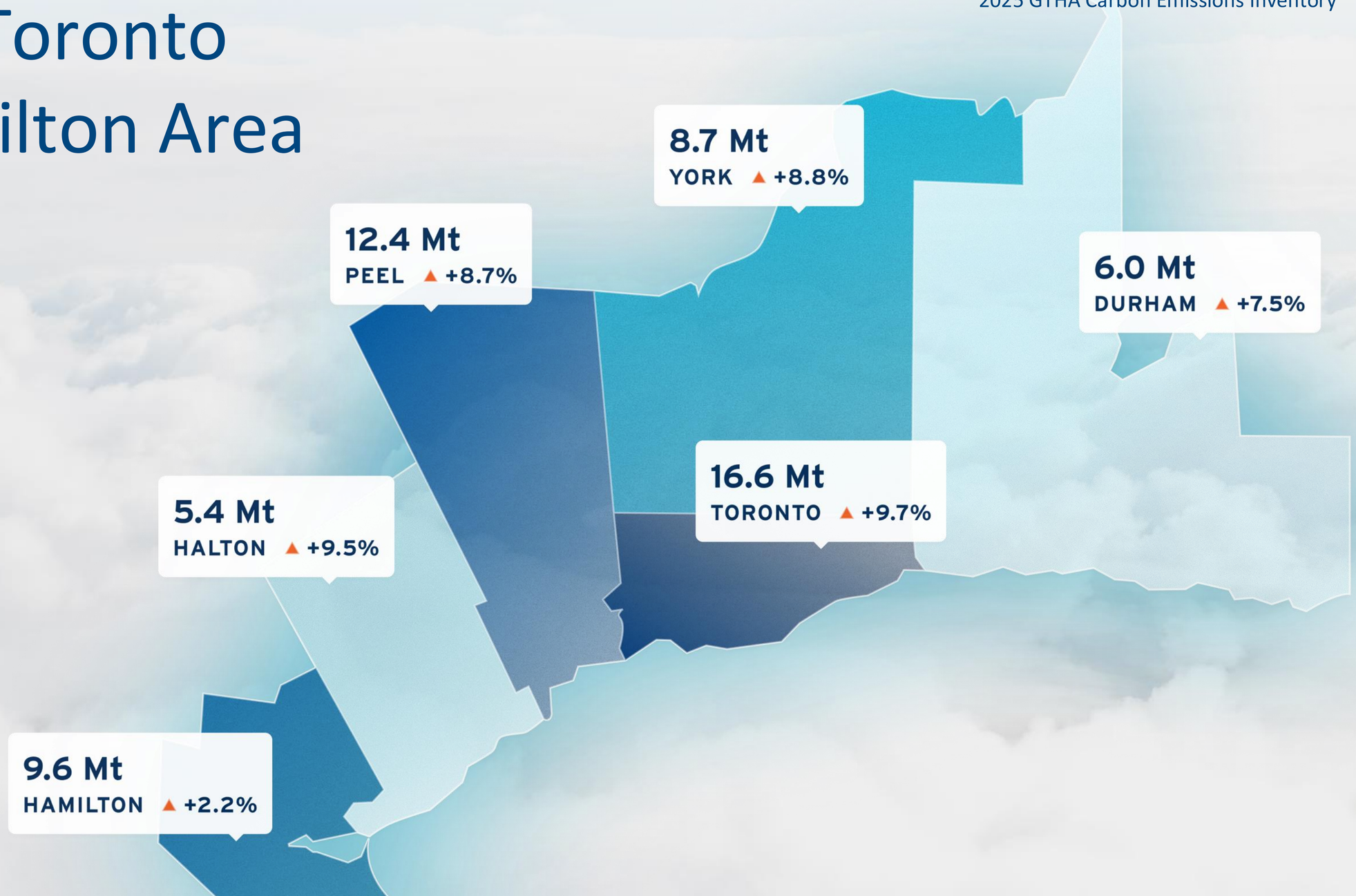
Results

58.7 million tonnes

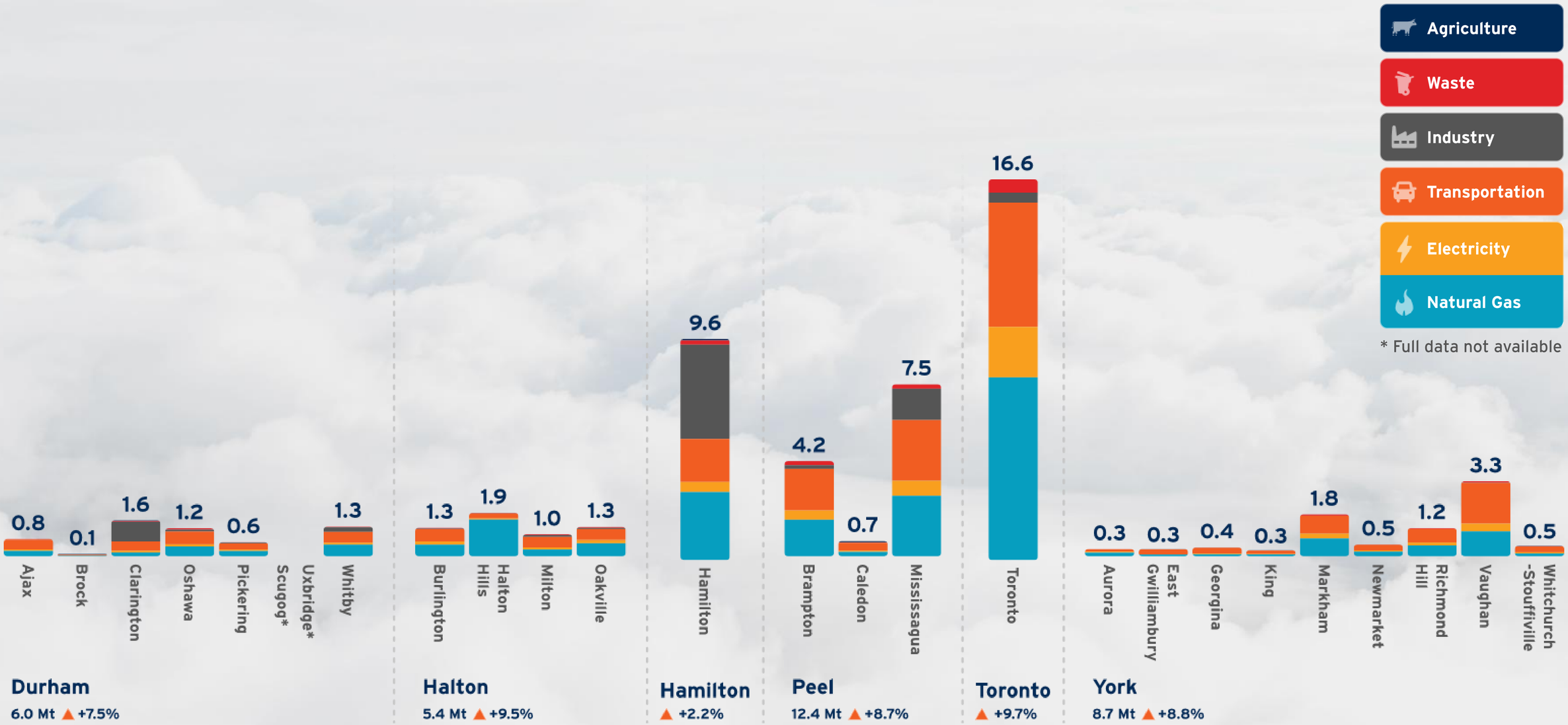
▲ 8% increase in 2025

▼ 16% decrease needed

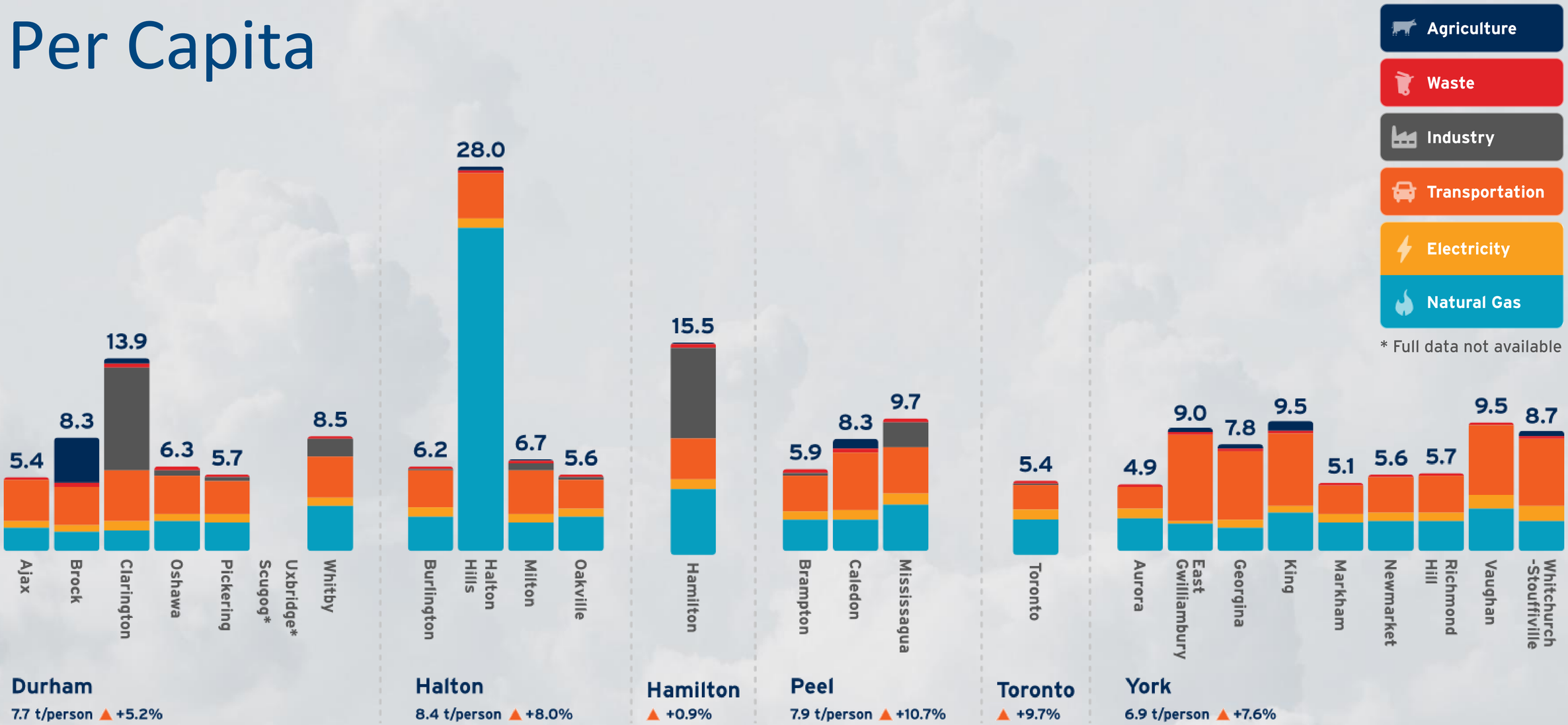
Greater Toronto and Hamilton Area



GTHA Municipalities



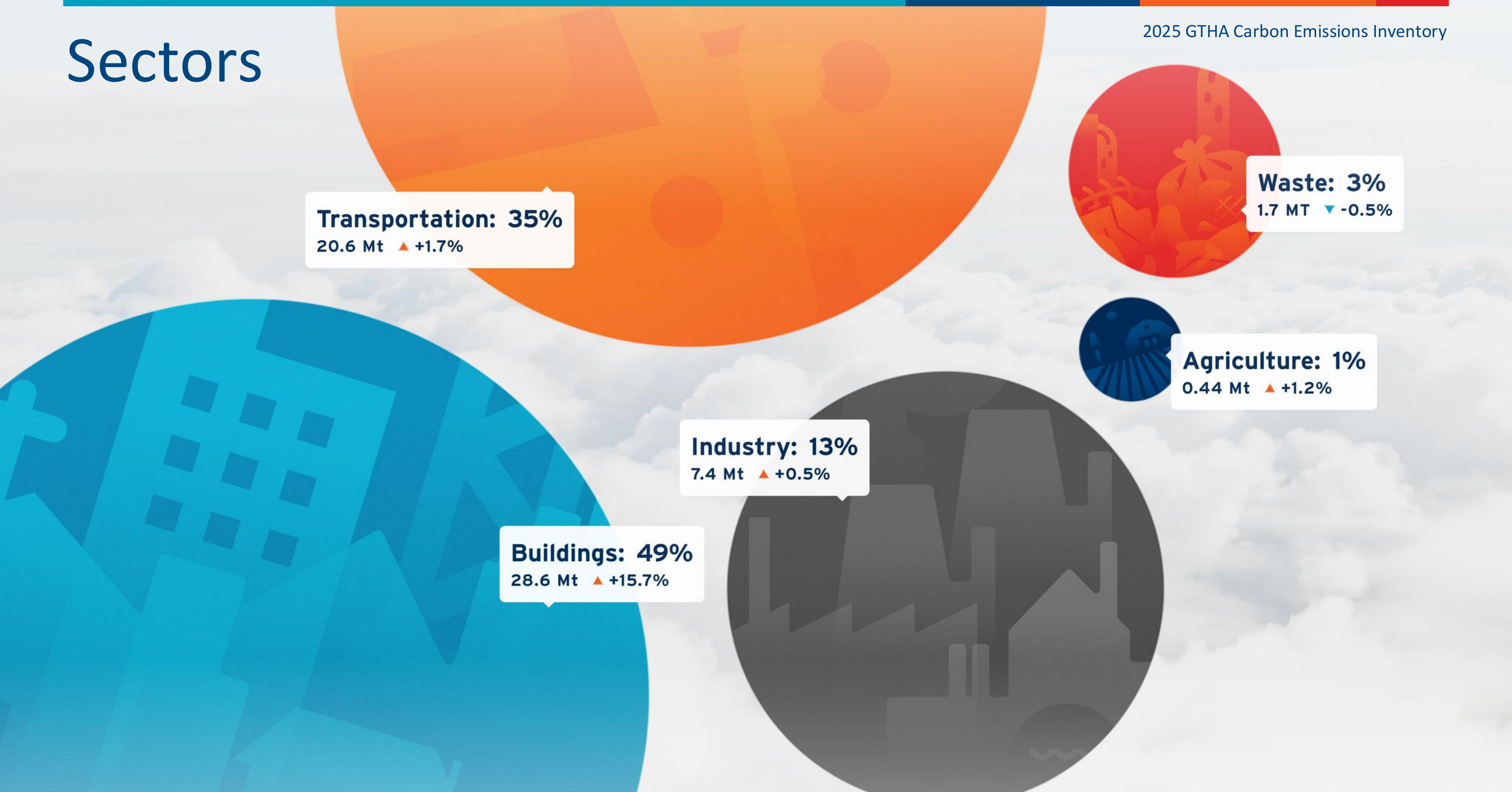
GTHA Municipalities Per Capita



Pathway to Net Zero



Sectors


Transportation: 35%
20.6 Mt ▲ +1.7%
Waste: 3%
1.7 MT ▼ -0.5%
Agriculture: 1%
0.44 Mt ▲ +1.2%
Industry: 13%
7.4 Mt ▲ +0.5%
Buildings: 49%
28.6 Mt ▲ +15.7%



Buildings

28.6 million tonnes

- ▲ 15.7% increase in 2025
- ▲ 15.5% increase in per capita emissions



Natural Gas

BUILDINGS

Natural Gas Emissions

Total Emissions

▲13.5%

23.1 million tonnes

Weather-Independent

▲2.8%

Weather-Independent per capita

▲2.6%

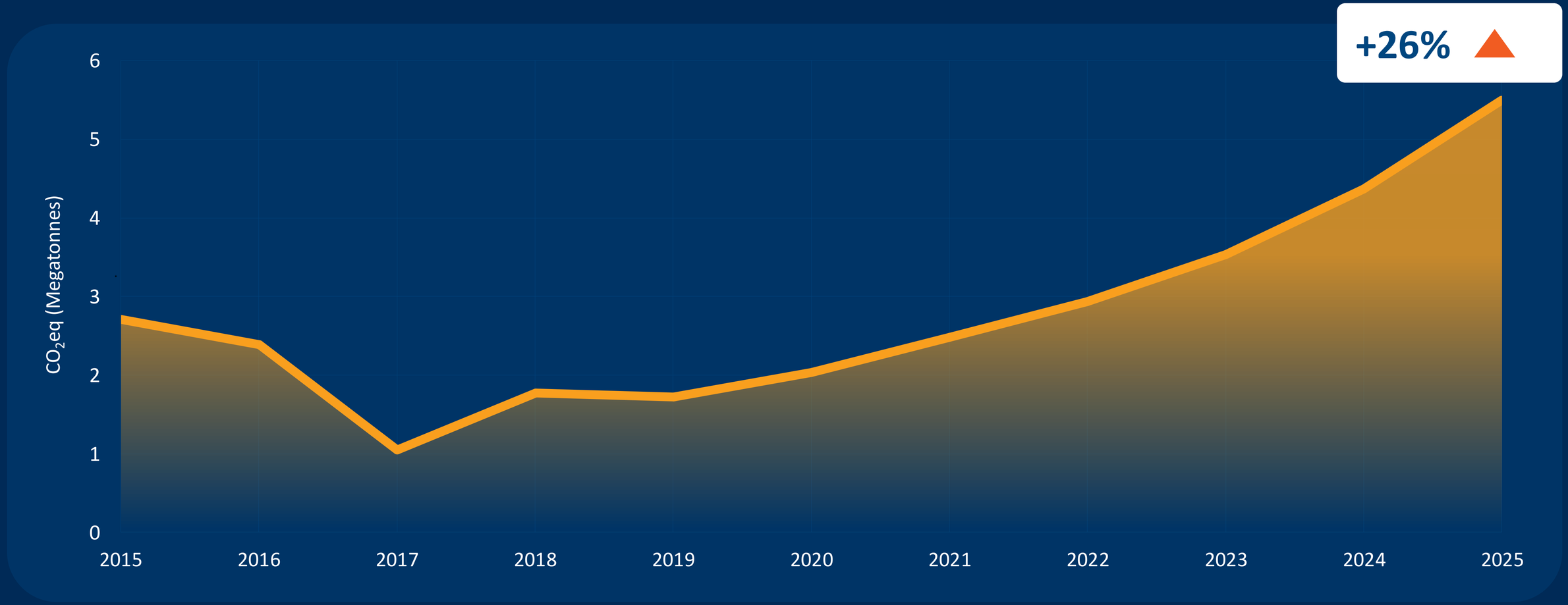
2.81 tonnes per person



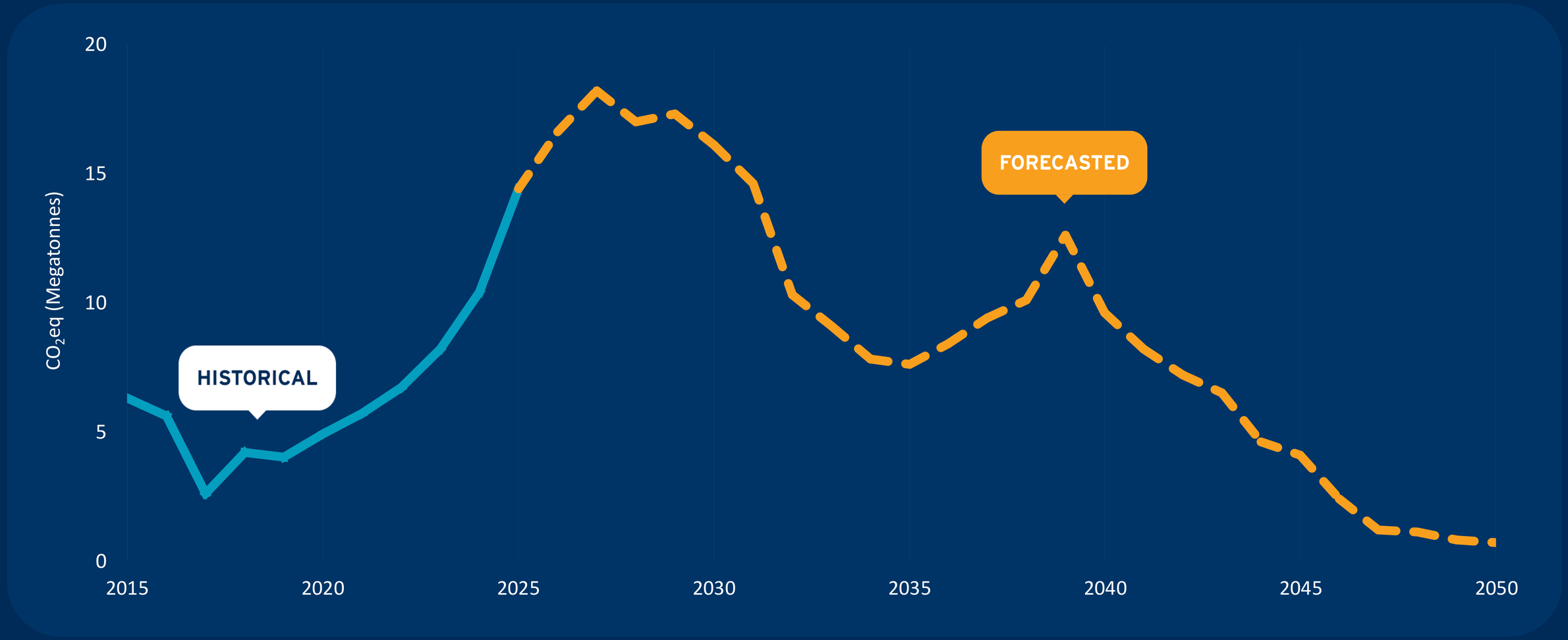
Electricity

BUILDINGS

Electricity Emissions 2015-2025



Electricity Forecast





Transportation

20.6 million tonnes

- ▲ 1.7% increase in 2025
- ▲ 1.5% increase in per capita emissions

Electric Vehicles and Transit

EV Registrations

▲ 15%

Increase in battery electric vehicles

114,311 vehicles were registered in 2025

▲ 25%

Increase in plug-in hybrid vehicles

38,129 vehicles were registered in 2025

Transit Ridership

▼ 1.5%

126% increase compared to the low in 2021

14% below pre-pandemic level in 2019



Climate Action Priorities

Municipal Priorities

Electricity System

Remove local barriers to clean electrification and distributed energy resources.

Buildings

Accelerate building electrification and efficiency with financing, performance tracking, and technology deployment.

Transportation

Plan and invest to make transportation cleaner, healthier, and easier.

Provincial Priorities

Electricity System

Prioritize development of clean utility-scale and local electricity supply and pursue all cost-effective demand-side measures.

Buildings

Modernize Ontario's building and energy policy framework to support low carbon, electric-ready communities.

Transportation

Expand access to electric vehicles and sustainable transportation options.

Federal Priorities

Electricity

Support households and businesses to deploy home solar, battery and other distributed energy resources.

Buildings

Ensure new buildings are efficient and affordable to operate through stronger codes, sustained retrofit investment, and support for innovative new construction.

Transportation

Support vehicle electrification through regulation, funding, and infrastructure.

Q+A



Patrick Ronan,
Report Lead



Ekaterina Tzekova,
Report Lead



Bryan Purcell,
Policy Lead



Chris Caners,
Electrification Lead



Laura McCloskey,
Policy Researcher

Thank you!

Get the report: carbon.taf.ca



Ekaterina Tzekova
etzekova@taf.ca



Laura McCloskey
lmccloskey@taf.ca



Patrick Ronan
pronan@taf.ca



Bryan Purcell
bpurcell@taf.ca