

# Large Building Energy and Water Reporting and Benchmarking (EWRB)

**Clean Air Council**  
February 22, 2019



## Overview

- Ontario Regulation 506/18, Reporting of Energy Consumption and Water Use (EWRB) came into force January 1, 2019, reintroducing EWRB into the Electricity Act, 1998 with the repeal of the Green Energy Act, 2009.
- Ontario building owners of commercial, industrial, multi-unit residential and other building types that are 50,000 square feet or larger are required to report their building's energy and water usage and greenhouse gas emission data annually to the Ministry of Energy, Northern Development and Mines.

## Value of Building Benchmarking

- Energy use is one of the largest operating expenses in commercial and residential buildings.
  - It represents about 1/3 of typical building operating budgets, according to [www.energystar.gov](http://www.energystar.gov).
  - A number of studies have shown as much as a 30% decrease in energy use in commercial buildings that implemented a small number of energy-efficiency strategies and monitoring systems.
- EWRB compiles the information building owners and managers need to understand how energy and water is being used.
  - The largest barrier to identifying cost efficiencies and making existing buildings more efficient is a lack of access to the data needed to measure and track energy performance.
  - The vast majority of buildings in jurisdictions that benchmark have taken steps to improve performance by investing in low- or no-cost changes.

## Who Does What

### Building Owners

- Determine whether they are required to comply
- Report annually through Energy Star Portfolio Manager (PM)

### Distributors

- Provide building owners or their agents, when requested, with whole-building usage data (aggregated information on how much electricity, natural gas or water was consumed at the property)

### Energy, Northern Development and Mines

- Support utilities and building owners with their reporting requirements, and produce and publish reports that summarize key findings

### Stakeholders (e.g., Municipalities and Associations)

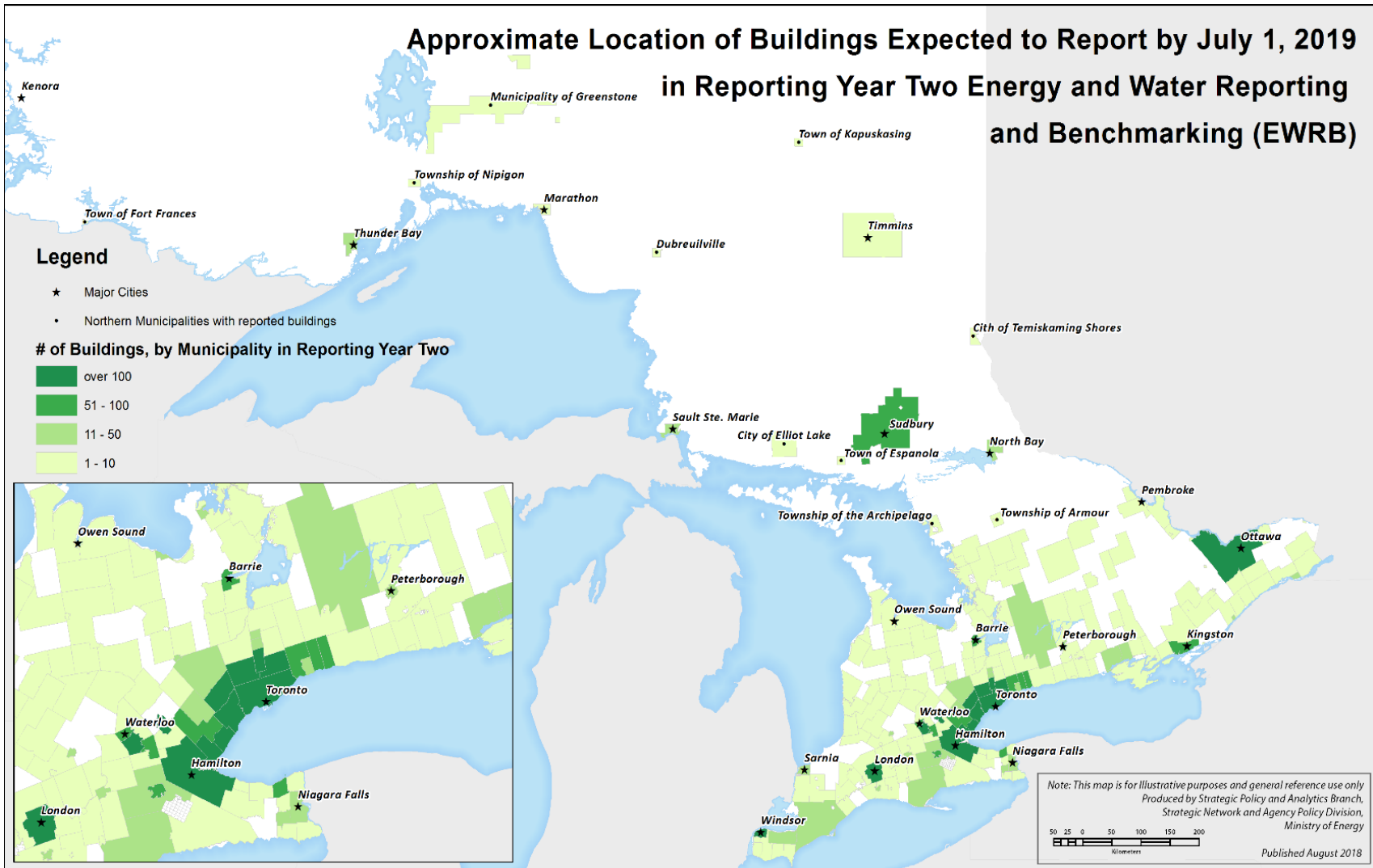
- Promote the benefits of the program and share information and best practices

## Timeline

- Year 1: July 1, 2018
  - 2017 usage data
  - Commercial and industrial buildings over 250,000 square feet
- **Year 2: July 1, 2019**
  - 2018 usage data
  - Commercial, industrial and multi-unit residential buildings over 100,000 square feet
- Year 3: July 1, 2020
  - 2019 usage data
  - Commercial, industrial and multi-unit residential buildings over 50,000 square feet

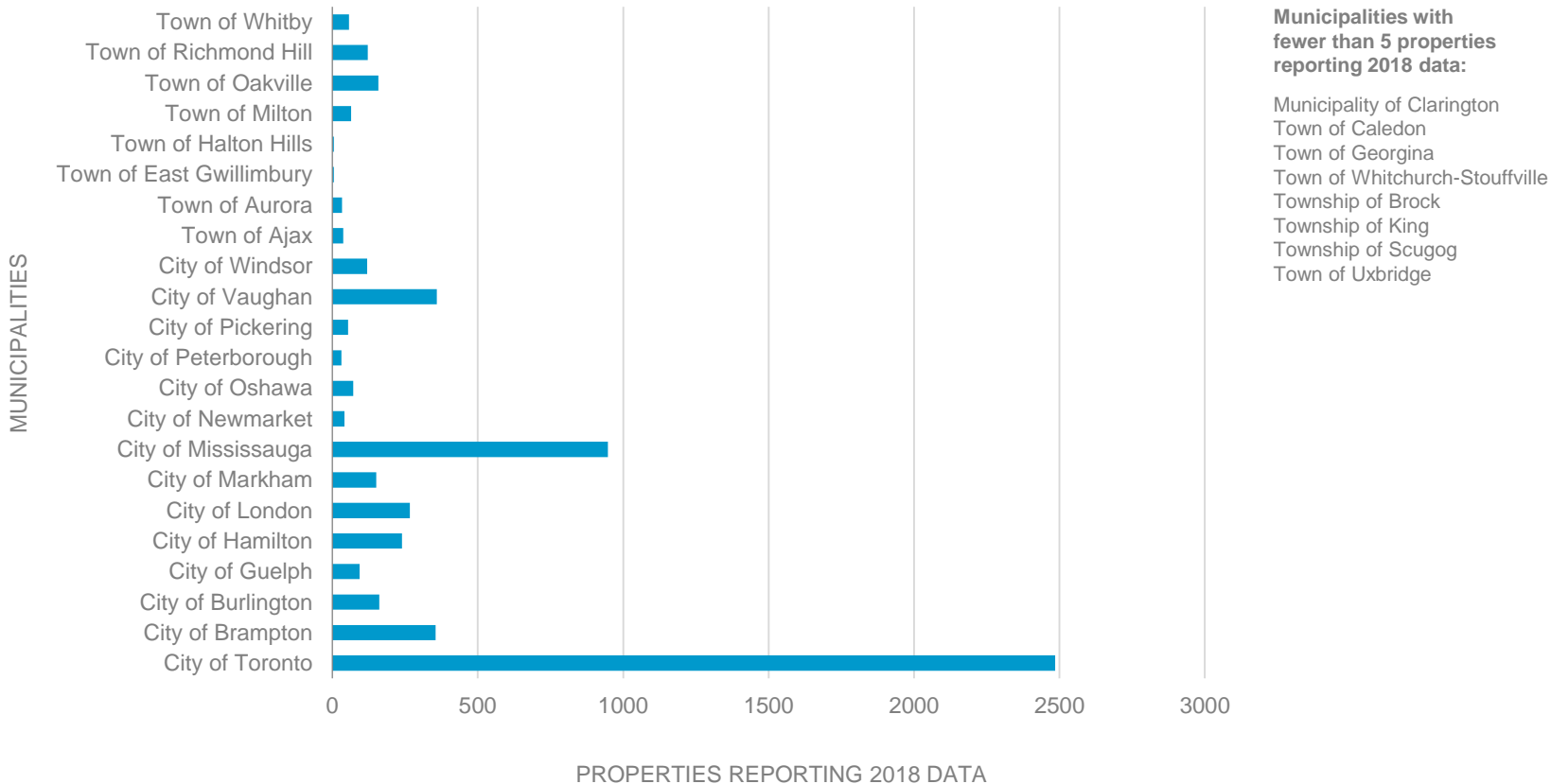
# Preparing for Year 2

## Geographical Distribution of Properties Reporting 2018 Data



## Preparing for Year 2

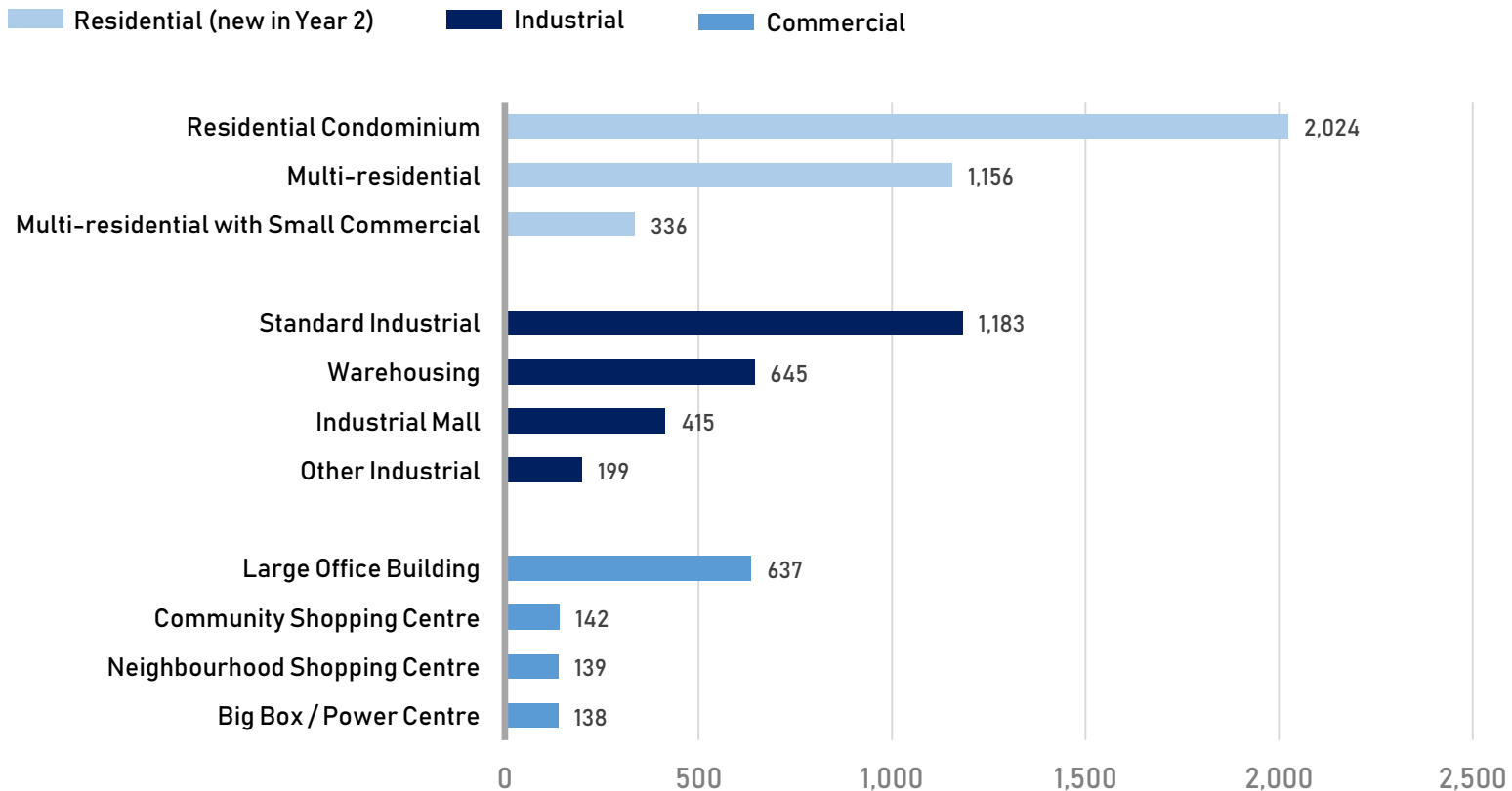
### Estimated\* Properties Reporting 2018 Data by July 1, 2019, by Municipality



\* Approximate numbers, based on February 2019 MPAC data

## Preparing for Year 2

### Estimated\* Properties Reporting 2018 data, by Property Type



\* Showing the largest building types in each sector. Numbers are approximate, based on April 2018 MPAC data.



## Communications and Outreach

- The ministry is working on outreach activities to make building owners aware of the regulation:



***“Benchmarking to Reduce Your Building’s Energy and Water Costs”***

Posted at [www.acmo.org/category/news/](http://www.acmo.org/category/news/)



If you own, manage or represent a building that’s 100,000 square feet or larger, you may be required to report its energy and water use to the Ontario government by July 1, 2019. <https://www.ontario.ca/reportenergywater>



Watch for and re-tweet messages about EWRB

@ONenergy

## Reporting Support and Resources

**EWRB homepage:** <https://www.ontario.ca/reportenergywater>

**Self-serve forms:**

[Property Owner Contact Update](#)

[Exemption Notice](#)

**Step-by-step software guide:** [How to use Portfolio Manager](#)

**EWRB Support:** 1-844-274-0689 or [ewrbsupport@ontario.ca](mailto:ewrbsupport@ontario.ca)

**Questions?**