

Maplesoft Group

A N S E B C O M P A N Y

2025 Emissions Report

In support of the Net-Zero Challenge (NZC)

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Greenhouse Gas (GHG) Emissions Inventory:

Consumption Data Summary:			
	Unit	Amount Consumed in Baseline Year (2023)	Amount Consumed in 2025:
Natural Gas	m3	8,026	8,079
Electricity	kWh	76,513	86,904
GHG Emissions:			
Scope 1: Natural Gas	tCO ₂ e	15.5	15.6
Scope 2: Electricity (Location-based)	tCO ₂ e	4.5	5.1
TOTAL	tCO ₂ e	20.0	20.7

The above table does not reflect any international emissions outside of Canada. Note that this data has been updated to reflect the most recent emissions factors published within the National Inventory Report (NIR).

Methodology:

- **Approach and Boundary:** Our greenhouse gas inventory is calculated using the operational control approach, as outlined by the World Resources Institute and World Business Council for Sustainable Development's [Greenhouse Gas Protocol](#). The organizational boundary of this inventory includes data from our Canadian operations.

Carbon dioxide, methane and nitrous oxide are included in all emission totals for natural gas. Our base year is 2023.

- **Consumption Measurements:** Energy consumption data (electricity and natural gas) for our corporate office were obtained from utility bills and prorated based on area occupied.
- **Emissions Calculations:** All emissions were calculated using the global warming potential (GWP) values for the 100-year time horizon, from the [IPCC Sixth Assessment Report, 2021 \(AR6\)](#). Emissions from natural gas and electricity were calculated using emission factors from Environment and Climate Change Canada's [National Inventory Report 1990-2022: greenhouse gas sources and sinks in Canada](#).

Explanation of Changes from Baseline Inventory to the 2025 Annual Inventory:

As detailed in the above inventory, there has been a slight increase in Maplesoft's total GHG emissions between our baseline inventory (2023) and our 2025 inventory. These changes can be attributed to **Increased Heating/Cooling Degree Days**. A heating/cooling degree is allocated for each degree (Celsius) that the daily mean temperature deviates either below or above the baseline of 18 degrees Celsius. This metric can be used to estimate future energy requirements and can also reflect increased energy consumption.

This is relevant due to the fact that the 2025 calendar year had significantly more heating and cooling degree days compared to our baseline year (2023), as reflected below:

Calendar Year	Heating Degree Days	Cooling Degree Days
2023	4,054	265
2024	3,839	294
2025	4500	305

Source: ottawa.weatherstats.ca

Based on this data, 2025 saw an 11% increase in heating degree days and a 15% increase in cooling degree days over 2023 (Maplesoft's baseline year). This increase directly corresponds to increased electricity and natural gas usage for facility cooling/heating respectively and is thus reflected in our overall emissions inventory for 2025.

Corporate Governance Strategy:

Since our entry into the Net-Zero Challenge (NZC), Maplesoft has embedded carbon emissions reduction planning into our corporate governance structure and organizational strategies concerning future business and investment decisions. This was done to support long-term environmental sustainability as a core consideration when making business and investment decisions. This integration reflects our commitment to aligning operational performance with long-term climate objectives, ensuring future sustainability and alignment with the broader objectives underlying the NZC.

Net-zero planning has been incorporated across several key aspects of Maplesoft's corporate structure and overall business strategy, as outlined below:

Governance & Leadership Oversight:

Maplesoft's executive leadership team maintains oversight of emissions-reduction efforts through established governance structures. Responsibility for climate-related strategy is shared at the executive level with regular emissions reporting as required by the NZC. This includes reporting on several Key Performance Indicators (KPIs) related to our carbon emissions, specifically scope 1 & 2 emissions (measured in tCO₂e) for each reporting period. All emissions data is reviewed by the leadership team to track progress towards our targets and to identify any deviations from our forecasted progress towards these targets.

Maplesoft's leadership ensures environmental accountability through the integration of emissions reduction targets into long-term planning. This includes both our interim emissions target (set for 2035) and our 2050 net-zero target. In accordance with our current net-zero plan, this encompasses plans to reduce emissions through either a reduction in office space or moving our operations to a non-emitting office space. Our management

team maintains accountability for actively supporting these business and investment decisions by assigning and managing resources (human and capital) allocated across our net-zero efforts.

Integration into Business & Investment Decisions:

Emissions considerations are incorporated into Maplesoft's current and future business and investment decisions. Maplesoft has previously performed significant scenario analysis to model the emissions reductions that could be achieved through specific investment decisions pertaining changes in our business operations. As documented in our net-zero plan, these include potential reductions in office space to minimize our carbon footprint and potentially transitioning to non-emitting facilities. These decisions are being driven by a recognition that our current facilities are the sole source of our scope 1 and 2 emissions and that our interim target cannot realistically be achieved without changes to our physical operating environment.

Given this reality, current and future GHG emissions are actively being weighed in these business and investment decisions. Our executive team is actively reviewing options in this space to ensure the continued viability of our interim and 2050 emissions reduction targets. The leadership team maintains responsibility and accountability for the implementation of all investment decisions aimed at reaching these targets.

Ongoing Improvement & Transparency:

Accountability for emissions reduction is shared across Maplesoft's executive leadership team. Our team is committed to continuous improvement in Maplesoft's emissions reduction strategy. To support this, our leadership regularly reviews Maplesoft's strategy to ensure alignment with any changes in NZC program requirements or relevant provincial/federal regulatory requirements governing carbon emissions. This ensures that all investment decisions affecting our carbon footprint adhere to applicable regulations while keeping our emissions targets achievable.