



FAITH-BASED CONSULTING



# 2018 Carbon Footprint

Prepared by The Roots Collaborative



# Introduction

In 2019, following our environmental sustainability commitment, M&M Consulting decided to calculate its carbon footprint for 2018.

Our objectives are to:

- better understand our environmental footprint with regards to climate change
- establish a benchmark for future assessments
- discover opportunities to lower our impact
- showcase carbon footprint as a best practice of environmental stewardship to faith-based organizations.

## Methodology

We engaged with **The Roots Collaborative (TRC)** to collect data and perform calculations.

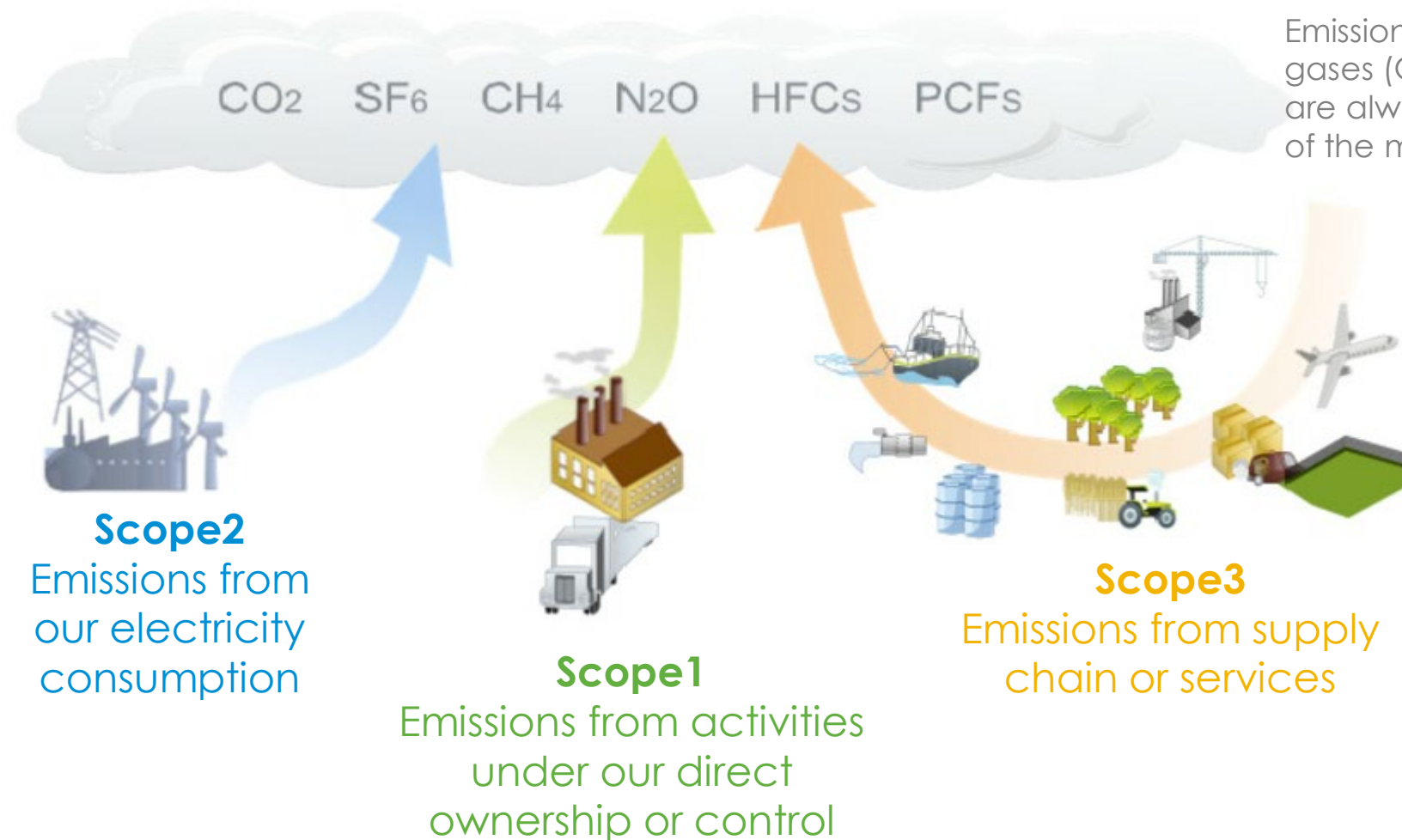
Calculations are based on 2018 activity data, but in some cases data from 2019 were also used where data gaps were significant.

The methodology for emissions calculations and reporting follows the international Greenhouse Gas Protocol Corporate Reporting Standard<sup>1</sup>.

1. Greenhouse Gas Protocol. <http://www.ghgprotocol.org/>

# Carbon Footprint Structure

Following the GHG Protocol, our carbon footprint results are organized in the following 3 Scopes.



Emissions may include several of the greenhouse gases (GHGs) depicted here, however results are always measured in equivalents of CO<sub>2</sub> one of the major GHGs (e.g. kgCO<sub>2</sub> eq).

Diagram adapted from Villar, Juan & Hidalgo, Sebastián & Penela, Adolfo & Gómez Meijide, Breixo. (2012). A New Perspective for Labeling the Carbon Footprint Against Climate Change. 10.5772/48609.

# Overall Results

In 2018, M&M Consulting was responsible for the emission of

5.7 tCO<sub>2eq</sub>

or

24%



of the **annual impact of an average Canadian**<sup>1</sup>.

52%



of the **annual impact of an average Ontarian**<sup>2</sup>.

1. Based on TRACI 2.1, US-CA value of 24t per person per year.

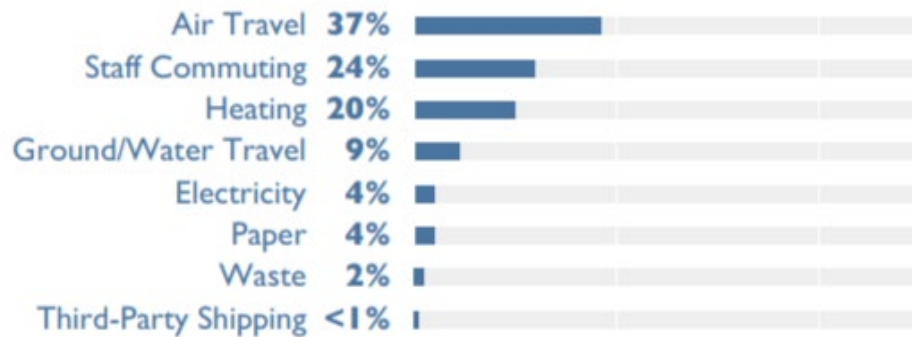
2. Climate Pollution:Reducing My Footprint BACKGROUND;  
<http://docs.assets.eco.on.ca/reports/other-publications/Reducing-My-Footprint.pdf>

# Interpretation of Results

Scopes 1 and 3 dominate our carbon footprint.

As expected for a company of our size and type of operations, the vast majority of our impacts relate to **transportation emissions** mainly for business travel (79%). The second largest source of emissions relate to **heating our offices** either at home or at our CSI location (17%).

Our emissions profile is consistent with office-based SME businesses in N. America.



average GHG emissions profile office-based businesses

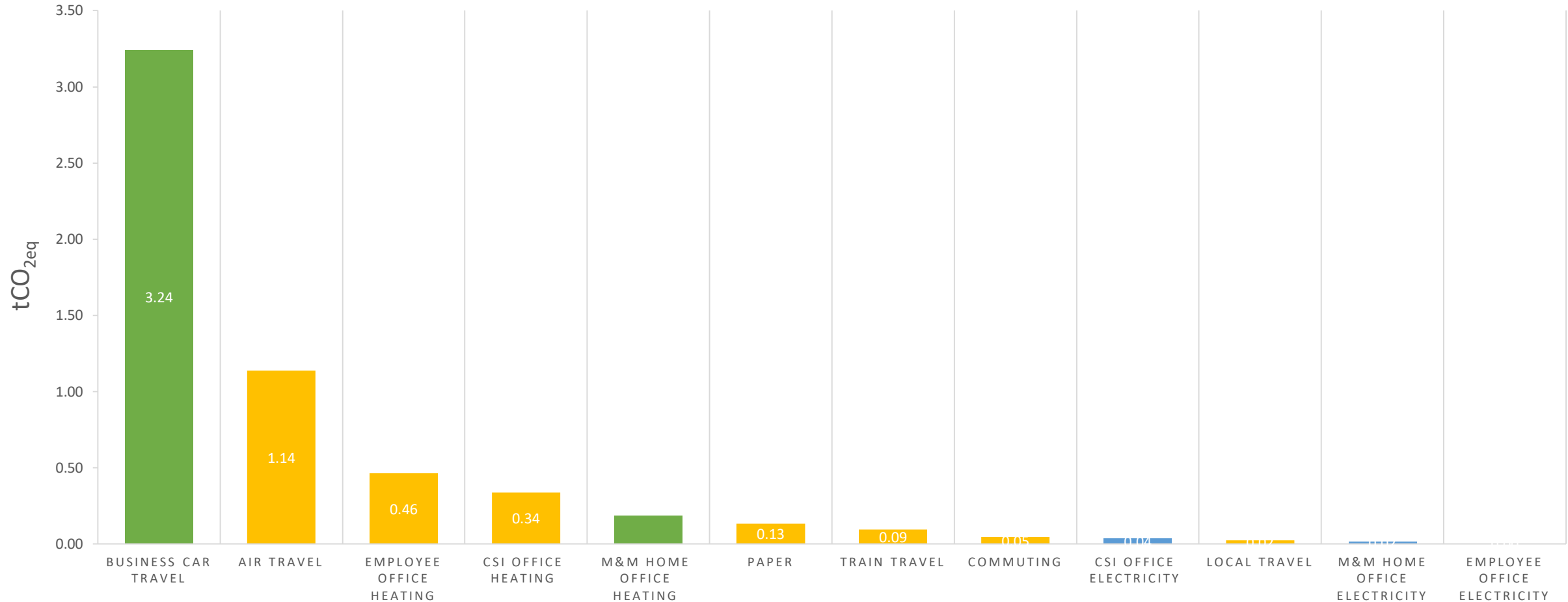
ClimateSmart, 2013, Offices and Carbon Emissions, A Climatesmart Industry Brief



# Intervention Points

Based on the activities that contribute the most to our carbon footprint, our best intervention points are **business car travel** and **air travel**.

The majority of our heating emissions are out of our direct control (Scope 3).



# Our Carbon Footprint Management Practices

We are constantly trying to reduce our carbon footprint.

Since business travel is the majority of our emissions we are focusing on:

- Using public transportation as much as possible
- Using a hybrid vehicle for our business travel
- Minimizing our air travel

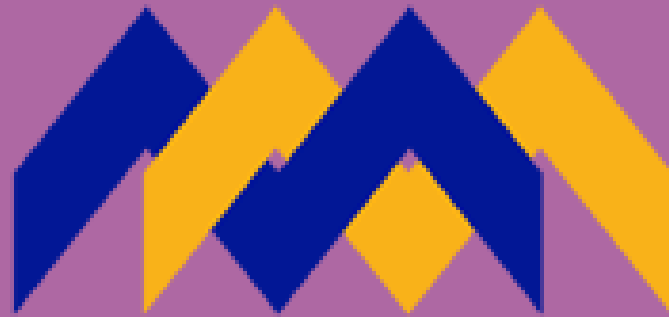
We are also using Bullfrog Power to offset our GHG emissions since 2012.



In 2018 we offset

12 tCO<sub>2</sub>eq  
or

more than **2X** our annual carbon footprint.



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For any questions regarding this  
report please contact



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