

2022 GREENHOUSE GAS EMISSIONS REPORT

Overview

MetaPhase Consulting, LLC (MPC) recognizes the need to address climate change and promote a sustainable future for coming generations. To achieve this goal, MPC has developed a report detailing measurements and a baseline of the company's greenhouse gas (GHG) emissions for the 2022 calendar year.

The report provides measurements of Scope 1, 2, and 3 GHG emissions, which MPC attests were calculated in accordance with the **GHG Protocol Corporate Accounting and Reporting Standard**.

During the 2022 calendar year, MPC's emissions measured:

- Scope 1: Zero metric tons CO₂e
- Scope 2: 21.233 metric tons CO₂e
- Scope 3: 16.72 metric tons CO₂e

The entirety of MPC's emissions were derived from electricity used in the company's corporate office as well as employee business travel and commuting.

Reduction Targets

To further reduce our impact on the climate, MPC will establish annual reduction targets in late 2023. Establishing and meeting these goals will enable MPC to minimize emissions and work towards eventually achieving a net-zero emission workplace.

2022 GHG Emission Data

GHG CHARACTERISTICS	
Total Facilities	1
Facility Location	Reston VA
Facility Type	Commercial Office Space
Analysis Period	2022 Calendar Year
Estimated GHG Emissions	37.953 Metric Tons CO _{2e}
Main GHG Emission Source(s)	Electric/Heat Usage; Employee Travel (Business Travel and Employee Commutes)

2022 GHG EMISSIONS BREAKDOWN BY SCOPE (IN METRIC TONS CO _{2e})			
GHG Type	Scope 1	Scope 2	Scope 3
Carbon dioxide (CO ₂)	0	21.13631301	16.572945
Methane (CH ₄)	0	0.00152648	0.000709197
Nitrous oxide (N ₂ O)	0	0.000201614	0.000529641
Hydrofluorocarbons (HFCs)	0	0	0
Perfluorocarbons (PFCs)	0	0	0
Sulfur hexafluoride (SF ₆)	0	0	0
Nitrogen trifluoride (NF ₃)	0	0	0
Total CO_{2e}	0	21.233	16.72

2022 GHG EMISSIONS BREAKDOWN BY CATEGORY (IN METRIC TONS CO _{2e})				
GHG Type	Purchased Electricity	Purchased Heat	Business Travel	Employee Commutes
Carbon dioxide (CO ₂)	15.82497582	5.311337195	4.09632	12.476625
Methane (CH ₄)	0.001426387	0.000100093	0.000018072	0.000691125
Nitrous oxide (N ₂ O)	0.000191604	1.00093E-05	0.000129516	0.000400125
Hydrofluorocarbons (HFCs)	0	0	0	0
Perfluorocarbons (PFCs)	0	0	0	0
Sulfur hexafluoride (SF ₆)	0	0	0	0
Nitrogen trifluoride (NF ₃)	0	0	0	0

2022 GHG EMISSIONS BY CATEGORY (IN METRIC TONS CO₂e)

■ Electricity/Heat ■ Employee Travel

