



CY 2022 Greenhouse Gas Emissions Disclosures

22nd Century Technologies, Inc. (22nd Century) measured and established a baseline of our greenhouse gas emissions for Calendar Year 2022 for all facilities leased and controlled by the company.

22nd Century GHG emissions report provides a measurement of our Scope 1 and Scope 2 emissions, as well as our Scope 3 emissions for CY 2022. 22nd Century attests that the Scope 1, 2, and 3 GHG emissions were calculated in accordance with the EPA Simplified GHG Emissions Calculator, 22nd Century Scope 1 and 2 emissions measured approximately 17 metric tons CO₂e. Its Scope 3 emissions measured approximately 364 metric tons CO₂e. The total GHG emissions measured approximately 381 metric tons CO₂e.

The entirety of 22nd Century emissions are from the electricity used in the facilities we lease, which is commercial office space, mobile source, and from employee business travel and commuting.

Reduction Targets

22nd Century is committed to further reducing our greenhouse gas emissions and our impact on the climate and will establish annual reduction targets beginning in 2023 by reducing our CO₂e per employee to under 3. We believe that establishing and meeting these short and mid-term goals will enable us to achieve a reduction in our emissions overall.

2022 GHG Emission Data

GHG Characteristics	
Facility Location:	McLean, VA 22102
Facility Type:	Leased Office Space
Facility Location:	Alexandria, VA 22310
Facility Type:	Leased Office Space
Analysis Year:	2022
Facilities	2
Estimated GHG Emissions:	381 metric tons CO ₂ e
Main sources of GHG emissions:	Mobile, Electricity, business travel, employee commuting

Greenhouse Gas by Category

GHG	Scope 1	Scope 2	Scope 3	
	Mobile Source	Purchased Electricity	Business Travel	Commuting
CO ₂ Emissions	9,219.0000	17,125.4087	16,400.0000	344,208.0000
CH ₄ Emissions	51.7000	1.3921	290.0000	9,540.0000
N ₂ O Emissions	9.8000	0.1874	430.0000	7,675.0000
HFCs	0.0000	0.0000	0.0000	0.0000
PFCs	0.0000	0.0000	0.0000	0.0000
SF ₆	0.0000	0.0000	0.0000	0.0000
NF ₃	0.0000	0.0000	0.0000	0.0000