

The abundance, atmospheric lifetime, and Global Warming Potential (GWP) of Greenhouse Gases (GHGs) vary considerably

GHG	Abundance (1998, ppbv)	Lifetime (years)	GWP (100 yr)
CO₂	365,000	variable	1
Methane	1745	12	23
N₂O	314	114	296
CFCs, HCFCs	up to 0.5	2-1700	120-14,000
HFCs	up to 0.02	0.3-220	12-12,000
PFCs, SF₆	up to 0.08	2600-50,000	5700-22,200