

Ozone forcing efficiency  $\beta_i$  (Eq. 11)

Species	ERF in 2000 ( $\text{W m}^{-2}$ )	Pre-1850	Post-1850	Pre- industrial value
CH <sub>4</sub>	0.178	$1.73 \times 10^{-4}$	$1.73 \times 10^{-4} \text{ W m}^{-2} \text{ ppb}^{-1}$	722 ppb
CO	0.076	$4.76 \times 10^{-5}$	$8.51 \times 10^{-5} \text{ W m}^{-2} (\text{Mt yr}^{-1})^{-1}$	170 Mt CO yr <sup>-1</sup>
NMVOC	0.044	$1.88 \times 10^{-4}$	$2.25 \times 10^{-4} \text{ W m}^{-2} (\text{Mt yr}^{-1})^{-1}$	5 Mt NMVOC yr <sup>-1</sup>
NO <sub>x</sub>	0.125	$5.72 \times 10^{-4}$	$9.08 \times 10^{-4} \text{ W m}^{-2} (\text{Mt yr}^{-1})^{-1}$	2 Mt N yr <sup>-1</sup>