

$$RE_EGHG(k \rightarrow l) = \sum_{j=k}^l (m_EGHG(j)) \times (F_E(j)_{k \rightarrow l})$$

Where:

$RE_EGHG(k \rightarrow l)$ = Radiative effect of GHG emitted during a reporting period (k→l) (positive value);

m_EGHG = Mass of GHG emitted during year j in metric tonnes;

$F_E(j)_{k \rightarrow l}$ = Radiative effect of the emission of one tonne of GHG of type x as a fraction of radiative forcing during a reporting period from k to l (k→l) calculated using equation 17;

j = Year of emission of the mass of GHG—by default, the year begins at 0 with the planting of seedlings or sowing of seeds;

k = Start of reporting period;

l = End of reporting period.