

$$\Delta GHG_{fossil} = \sum_{j=1}^m \left[(C_{project} - C_{SF})_j \times ((F_{CO_2} \times 0.001) + (F_{CH_4} \times 0.000001 \times 21) + (F_{N_2O} \times 0.000001 \times 310))_j \right]$$