

$$CO_2=\left[\sum_{i=1}^n\left(IL_i\times CC_{IL,i}\right)+\sum_{k=1}^p\left(M_k\times CC_{M,k}\right)+\left(EL\times CC_{EL}\right)-\left(I\times CC_I\right)-\left(SL\times CC_{SL}\right)-\left(R\times CC_R\right)-\left(W\times CC_W\right)\right]\times 3.664$$