

$$I_{C ref min j} = \min \left[\frac{\sum_{k=1}^l C_{C jk} \cdot GHG_{C 2007 jk}}{\sum_{k=1}^l P_{R 2007 jk}}, \frac{\sum_{k=1}^l C_{C jk} \cdot GHG_{C 2008 jk}}{\sum_{k=1}^l P_{R 2008 jk}}, \frac{\sum_{k=1}^l C_{C jk} \cdot GHG_{C 2009 jk}}{\sum_{k=1}^l P_{R 2009 jk}}, \frac{\sum_{k=1}^l C_{C jk} \cdot GHG_{C 2010 jk}}{\sum_{k=1}^l P_{R 2010 jk}} \right]$$