

Ukraine's Report to facilitate the calculation of the assigned amount pursuant to Article 3, paragraphs 7bis, 8 and 8bis of the Kyoto Protocol for the second commitment period

According to paragraphs 2 and 3 of the Decision 2/CMP.8 Ukraine, as a Party inscribed in third column of Annex B of the Kyoto Protocol, provides information, which is necessary for facilitation of the calculation of the assigned amount pursuant to Article 3, paragraphs 7bis, 8 and 8bis of the Kyoto Protocol for the second commitment period.

- a) According to the paragraph a) of the Annex I of the Decision 2/CMP.8 the Report to facilitate the calculation of the assigned amount (further the Report) does not include an information regarding inventories of anthropogenic emissions by sources and removals by sinks of greenhouse gases (GHGs), because it submits together with the National Inventory Report (NIR).
- b) Ukraine, as a Party inscribed in the third column of Annex B of the Kyoto Protocol (KP) and which had commitments in the first commitment period, in its Initial report according to Article 7, paragraph 4 of the KP (further Initial report), selected 1990 as a base year for hydrofluorocarbons, perfluorocarbons and sulphur hexafluoride. In accordance with Article 3, paragraph 8bis of the KP, 1990 is also selected as a base year for nitrogen trifluoride.
- c) Ukraine did not conclude any agreements to fulfil its commitments under Article 3 of the Kyoto Protocol jointly with other Parties.
- d) The calculation of the assigned amount pursuant to Article 3, paragraphs 7bis, 8 and 8bis of the KP

According to Article 3, paragraph 7bis of the KP in the second quantified emission limitation and reduction commitment period, from 2013 to 2020, the assigned amount for each Party included in Annex I shall be equal to the percentage inscribed for it in the third column of the table contained in Annex B of its aggregate anthropogenic carbon dioxide equivalent emissions of the greenhouse gases listed in Annex A in 1990, or the base year or period determined in accordance with paragraph 5 above, multiplied by eight. Those Parties included in Annex I for whom land-use change and forestry constituted a net source of greenhouse gas emissions in 1990 shall include in their 1990 emissions base year or period the aggregate anthropogenic carbon dioxide equivalent emissions by sources minus removals by sinks in 1990 from land-use change for the purposes of calculating their assigned amount.

According to the latest NIR submitted to the Secretariat of the UNFCCC total direct GHG emissions for the sectors, listed in Annex A to the KP (excluding net GHG removals in land use, land-use change and forestry sector), are equal to 944 352 642.735 tones CO₂-equivalent.

In accordance with information in the third column of the Annex B of the KP quantified emission limitation and reduction commitment of Ukraine (2013-2020) defined in achievement of 76 % of 1990 emission level.

Taking into account abovementioned, Article 3, paragraphs 8 and 8bis of the KP, as well as the circumstance of postponing of decision making regarding implications of the implementation of decisions 2/CMP.7 to 4/CMP.7 and 1/CMP.8 on the previous decisions on methodological issues related to the Kyoto Protocol, including those relating to Articles 5, 7 and 8 of the Kyoto Protocol to the time of 21st session of Conference of Parties serving as 11st meeting of the Parties to the Kyoto Protocol, which will be performed 30th November – 11th December in Paris (France), assessment of assignment amount for the second commitment period of KP is equal:

$$944\,352\,642.735 \times 0.76 \times 8 = 5\,741\,664\,068 \text{ tones CO}_2\text{-eq.}$$

- e) The calculation of Ukraine's commitment reserve in accordance with Decision 11/CMP.1 or any subsequent revision thereof related to the calculation of the commitment reserve

Exact reserve calculation cannot be performed before the final agreement regarding reserve calculation rules in the decision text regarding implications of the implementation of decisions 2/CMP.7 to 4/CMP.7 and 1/CMP.8 on the previous decisions on methodological issues related to the Kyoto Protocol, including those relating to Articles 5, 7 and 8 of the Kyoto Protocol and its adoption on the 21st session of Conference of Parties serving as 11st meeting of the Parties to the Kyoto Protocol, which will be performed 30th November – 11th December in Paris (France)

In accordance with paragraph 6, Annex to the Decision 11/CMP.1 Ukraine should hold in its national registry corresponding reserve for the commitment period, which cannot be less than 90 % of the Party's assigned amount, calculated in correspondence with Article 3, paragraphs 7, 8 and 8bis of the KP, or 100 % of it's the latest reviewed national GHG inventory multiplied by eight, and at the same time applies the smallest value.

Preliminary assigned amount assessment of Ukraine is:

5 741 664 068 tones CO₂-eq.

90 % of Ukraine's assigned amount is:

$5\,741\,664\,068 \times 0.9 = 5\,167\,661$ tones CO₂-eq.

Ukraine's GHG emission assessment in 2012 is 402 665 949.893 tones CO₂-eq. 100 % of the most recently reviewed national GHG inventory of Ukraine for the years 1990-2012 multiplied by eight is following:

$402\,665\,949.893 \times 8 = 3\,221\,327\,599$ tones CO₂-eq.

Underlining abovementioned the preliminary reserve calculation of Ukraine for the second commitment period of the KP may be equal to 3 221 327 599 tones CO₂-eq.

- f) Ukraine is a Party, which had quantified commitments in the first period, and according to Annex I, paragraph f) to the Decision 2/CMP.8 remains forest definition for the second commitment period. Minimal values for forest definition is following:
- Minimum value for forest area – 0.1 ha;
 - Minimum value for forest width – 20 meters;
 - Minimum value for tree crown cover (or equivalent of stocking density) – 30%;
 - Minimum value for tree height – 5 meters.
- g) Ukraine selected Forest management as an activity under Article 3, paragraph 4 pf the KP reporting in the first commitment period. According to the Decision 2/CMP.7 this activity becomes mandatory for the second commitment period. All the approaches for GHG inventory for this activity remains the same as during the first commitment period. Ukraine does not plan to report any additional activities to the abovementioned activity under Article 3, paragraph 4 of the KP.
- h) Ukraine selects to account the activities under Article 3, paragraph 3 and 4 of the KP for the entire commitment period.
- i) According to the Annex of the Decision 2/CMP.7 for Ukraine forest management reference level was defined as -48.7 Mt CO₂-eq./year. With aim to reach

methodological consistency between GHG inventory on forest management areas and forest management reference level determination a technical correction was made. After the revision new forest management reference level was determined equal to -62.1 Mt CO₂-eq./year. Detail information on used approaches and additional information regarding technical correction is reported in Chapter 11.5 of the National Inventory Report for the years 1990-2013.

- j) For the determination of carbon stock changes in harvested wood products pool the approach was used with the first-decay order function application, as it is described in Chapter 11.5 of the National Inventory Report for the years 1990-2013.
- k) Ukraine does not intend to apply the provisions to exclude emissions from natural disturbances for the accounting for afforestation and reforestation under Article 3, paragraph 3, of the Kyoto Protocol and/or forest management under Article 3, paragraph 4, of the Kyoto Protocol during the second commitment period in accordance with decision 2/CMP.7.
- l) Ukraine as a Party included in Annex I, which had quantified commitments for emission limitations during the first commitment period, informs about its national inventory system in accordance with Article 5, paragraph 1, of the KP in Ukraine's National Inventory Report for the years 1990-2013, Chapters 1.2 and 13.
- m) Ukraine is not a Party included in Annex I, which did not have a quantified emission limitation and reduction target in the first commitment period, because Ukraine had quantified reduction target equal to 0 % to the base year 1990.