

"Karin Radiko"
<Karin.Radiko@envir.ee>

09/05/2011 16:20

Dear Sir/Madam,

I would like to inform you that Estonia's reference level submission has to be corrected as there is a minor error in the calculation matrix of the HWP model, which affects the result of the projected net-emission numbers.

The HWP value for Estonia should change from -0,955 Mt CO₂ to the new projected net-emission value of -0,999 Mt CO₂.

In the course of the revision of the model in January, some of the parameters and algorithms were changed in order to be able to calculate the contribution of HWP to the reference level according to the integrated text version of the Cancun results. For estimation of domestically produced HWP only, following equation was used:

In the model version used for the calculation, this equation was not applied correctly to non-coniferous industrial roundwood (INDRW) due to a shifted cell in the calculation matrix. As a result, the carbon pool Inflow of domestically produced HWP is incorrect. As the revision of the reference level is intended to be used to adjust miscalculations, it be used to amend the projected HWP net-emission value due to error referred to. The underlying assumptions with respect to HWP and projected harvest rates provided by JRC models, however, remain the same.

Because of the changes in the HWP values the reference level estimates change little. Proposed Reference Levels in Tabel 1 in Estonia's submission from 18.04.2011 (EST_LULUCF RL submission Estonia_07042011.doc) are -2727 GgCO₂eq per year applying first order decay function for HWP and -1728 GgCO₂eq per year assuming instantaneous oxidation of HWP. (Please look at-attached file).

As the HWP value will be examined during the review of the reference level in the following weeks, we are happy to clarify proposed adjustments to the review team during this process if needed. Resubmission will be made after review.

Please confirm this email.

Best regards,
Karin Radiko

Estonian focal point
Kliima- ja kiirgusosakond/ Climate and Radiation Department
Keskkonnaministeerium / Ministry of the Environment
Karin.Radiko@envir.ee
<http://www.envir.ee/>
Tel. (+372) 626 2977

Forest management reference level value

Table 1. Value of proposed reference levels (Gg CO₂ eq).

Proposed Reference Level (1), (4) (GgCO₂eq per year)	
applying first order decay function for HWP (2)	assuming instantaneous oxidation of HWP (3)
-2727	-1728

(1) The reported values are averages of the projected FM data series for the period 2013-2020, taking account of policies implemented before mid-2009.

(2) including emissions/removals from HWP estimated using the product categories, half lives and methodologies as suggested in para 27, page 31 of FCCC/KP/AWG/2010/CRP.4/Rev.4. Activity data is starting from 1964.

(3) provided for transparency reasons only.

(4) The reference level includes emissions and removals from natural disturbances of the period 2000-2008.