Declaration on consistent reporting of Approved Adjustments

Country: BELGIUM

Date of submission: 15.03.2019

Herewith Belgium declares that the **criteria and methodologies**used for the calculation of adjustments for the years *2010 – 2015* submitted by 15 February 2019are the same for all sectors and pollutants as in the year the adjustments were approved (2015).

Emission figures and therefore also the adjustments can differ from previous submissions due to recalculations in the emission inventory. Short explanations for differences in categories with adjustment application are given below per category-pollutant. More info is to be found in the IIR.

***NOx: Adjustment application for 2010-2015. LRTAP emission ceiling is attained from 2016 on.***

**NOx - Road transport (1A3bi-iv)**

Difference in emission figures are due to the use of a newer COPERT version. In 2015, COPERT4v11.1 was used. In 2019, COPERT4v11.4 was used for the whole time series. Also the mobility data was actualised and the percentage of biofuels incorporation in blends from 2008 on was revised.

**NOx - Manure Management (3B)**

In Flanders, animal numbers are updated for the years 2014, 2015 and 2016. These data come from the Flemish Land Agency (VLM).

In Wallonia, animal numbers are taken from the regional statistics for 2013 and 2014, because the national agricultural census does not provide any longer the detailed statistics needed. Therefore, animal numbers are different for 2013.

In Flanders, emission factors are revised for the entire time series based on the emission factors of the EMEP/EEA air pollutant emission inventory Guidebook 2016. Before also emission factors of the EMEP/EEA air pollutant emission inventory Guidebook 2016 were used, but the unit was not been interpreted correctly. The EF was interpreted as NO instead of NO2. The correction leads to a reduction over the entire time series in Flanders.

**NOx - Inorganic fertilizers used (3Da1)**

In Flanders, activity data of inorganic fertilizer use has been updated for 2015 and 2016. Data originate from the *Department Agriculture and Fisheries* and the *Flemish Land Agency*.

In Wallonia, there were no changes in activity data.

Emission factors are equal as compared to 2015 submission.

**NOx - Animal manure applied to soils (3Da2a)**

In Flanders, animal numbers are revised for the years 2014, 2015 and 2016. These data come from the Flemish Land Agency (VLM).

In Wallonia, overestimation of the amount of organic fertilizer was detected in 2015. This error has been corrected in the whole time series (submission 2017).

Emission factors are equal as compared to 2015 submission.

***NMVOC: LRTAP emission ceiling is attained from 2010 on. The historical approved adjustment for 2010 is therefor not withheld in this submission.***

Contact point (s):

Charlotte Vanpoucke

vanpoucke@irceline.be

tel: +3222275672