

WASTE EXPERT PANEL

MAY 2024

IMPROVEMENTS IDENTIFIED (ON THE 14TH/05/2024)

ID	Short description of the proposed improvement	Source	Status
5A-5	EFs for landfills flares (completeness) Propose T1 EFs from flares	Waste EP	Not started
5A-6	NH3 EFs from landfills (completeness) Propose T1 NH3 EF from waste decomposition (<i>NH3/CH4 ratio in biogas or fraction of N in landfilled material</i>)	UK	NEW - Not started
5A-7	PM from land disposal of waste (accuracy) Check the application of the T3 methodology (moisture content content) used to derive the T1 default EFs	Malta	NEW – In progress

ID	Short description of the proposed improvement	Impact*	Status
5B-1	Clarification of EF unit (Transparency) Check and add in the AD description that it is wet basis	Waste EP	NEW - Not started

* NEW = Proposed since the last TFEIP meeting

IMPROVEMENTS IDENTIFIED

ID	Short description of the proposed improvement	Source	Status
5C1-1	5C1bi - All pollutants (Completeness / Accuracy) Identify EF for uncontrolled incinerators of hazardous waste (tier 2)	Waste EP	Pending
5C1-4	5C1bv – PM EF from cremation (Accuracy) Refine the PM EFs (PM2,5 vs PM10)	Waste EP	Not started
5C1-8	5C1biii and 5C1biv – Uncertainty values Check/Propose uncertainty values for 5C1biii -Tier 1 EF for Cd and TSP (Table 3-1) and 5C1biv -Tier 2 EF for uncontrolled for PCDD/F (Table 3-2)	EEA	NEW – Not started
5C1-9	5C – Definition of PCBs Identify the definition of PCBs in the tables of the waste chapters and chek consistency with other chapters	C&I EP	NEW – Not started
ID	Short description of the proposed improvement	Source	Status
5C2-1	5C2 - Improve / complete the Open burning methodology(Completeness / Accuracy) Define of a more complete/relevant methodology related to open burning of waste (all types of backyard waste burning (green and/or mixed waste), landfill fires, accidental tires fires, C&D waste burning...)	Waste EP	Not started
5C2-2	5C2 – Unit of EFs in table 3-3 (Transparency / Accuracy) Check the units in the reference documentd of EFs and update if appropriate	Spain (via NECD review)	Not started

IMPROVEMENTS IDENTIFIED

ID	Short description of the proposed improvement	Source	Status
5D-1	NMVOG EF (Accuracy) Confirm/update the EFs from wastewater treatment plants	Waste EP	Not started
5D-2	Check risk of NMVOG double accounting (Accuracy) check with IPPU which emissions are already accounted for in the solvent use method (domestic, industrial etc.)	Waste EP	Not started

ID	Short description of the proposed improvement	Source	Status
5E-1	Methodology proposed for building fires (Accuracy / Consistency) Check/ update the methodology proposed for building fires	NECD Review	Not started
5E-3	EF from recycling activities : car shredding Define a methodology (PCDD-F emissions expected)	Waste EP	Not started
5E-4	EF for recycling or storage operations of equipment with PCBs Check literature and define a methodology	C&D EP	Not started

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IDENTIFICATION OF FUTURE IMPROVEMENTS

➤ *Other possible improvements:*

- *...include future or expanding sources e.g. solar cells recycling as a source of Selenium ?*
- *...extent the list of pollutants e.g. bromide substances (plastic incineration, car and building fires...), H2 ?*
- *...include more regional T1 EFs ?*
- *...include higher Tier methodology ?*

=> Prioritisation will be done during the 2025 TFEIP meeting

BEING PART OF THE WASTE TFEIP COMMUNITY

You have needs /expectations from the Waste EP?

➤ Missing sources / Emergent sources ?

You identified improvements / mistakes ?

You want to share national methodologies, publications, literature, events regarding the emissions from the waste sector ?

You want to be in the TFEIP Waste list of experts, to be informed, participate in the Waste EP, to contribute in the next GB revision?

Email to celine.gueguen2@gmail.com

THANK YOU