United Nations Framework Convention on Climate Change

Introduction to Waste Sector SBs

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SDM programme

List of approved SBs in Waste/Wastewater Sector

Reference	Sector	Applicable countries/regions	Applicable methodologies
ASB0010	**Waste**	Sao Tome and Principe	**AMS-III.G:** "Landfill methane recovery" or **ACM0001:** "Flaring or use of landfill gas"
ASB0011-2018	**Waste**	The Dominican Republic	
ASB0012	**Waste**	Antigua and Barbuda	
ASB0013	**Waste**	Belize	
ASB0014	**Waste**	Grenada	
ASB0022	**Waste**	Cameroon	
ASB0023	**Waste**	Republic of the Sudan	
ASB0030	**Waste**	Rwanda	
ASB0026	**Wastewater**	Republic of Uganda	**AMS-III.H:** "Methane recovery in wastewater treatment"
ASB0027	**Wastewater**	Republic of Uganda	

Waste Sector SB

- SBs will be used in conjunction with **AMS-III.G**: “Landfill methane recovery” or **ACM0001**: “Flaring or use of landfill gas”.

- The SBs provide the following standardization to existing/new landfills:

1) **Standardized additionality criterion for CDM projects flaring LFG**
   - All CDM project activities capturing and flaring LFG in **Country X** are **additional**

2) **Standardized baseline scenario for the recovery of LFG in landfill sites**
   - Baseline scenario is assumed to be **atmospheric release** of LFG

3) **Standardized value for the amount of LFG captured and flared due to the regulations and/or contractual obligations in the landfill sites.**
   - Amount of methane (tCH4/year) in the LFG that would be captured and flared in the baseline is standardized to be **equal to zero (0).**

4) Standardized values for the waste composition

- The standardized values for the waste composition in Table below may be applied for the ex-ante estimation of emission reductions.

Example (SB in Cameroon)

Table 1. Standardized values for waste composition

Parameter	Unit	Description and applicable values
Weight composition	Weight %	

Source	Percentage
Wood and wood products	0.8 %
Pulp, paper and cardboard (other than sludge)	3.4 %
Food, food waste, beverages and tobacco (other than sludge)	63.7 %
Textiles	2.2 %
Garden, yard and park waste	1.6 %
Glass, plastic, metal, other inert waste	28.3 %

Wastewater Sector SB

- SBs will be used in conjunction with **AMS-III.H. "Methane recovery in wastewater treatment".**
- The SBs provide the following standardization to wastewater treatment project activities in country Y (municipal domestic wastewater or specific industry wastewater).

1) Standardized additionality provisions

- Project activities that destruct methane through a flare system are deemed **additional** under certain conditions (e.g. existing treatment system is an anaerobic lagoon, and there is no regulation applicable to the project site that requires the management of biogas from wastewater treatment.)

2) Standardized values for $COD_{inflow,y}$

- The standardized values for the parameter $COD_{inflow,y}$ (*chemical oxygen demand of the wastewater inflow to the baseline treatment system i in year y*), for ex-ante estimation of emission reductions.
- For example, **0.000662 t/m³** for municipal wastewater (ASB0026), **0.0015 t/m³** for sugar industry wastewater (ASB0027)