CLEAN DEVELOPMENT MECHANISM

ASB0011-2021

Standardized baseline

Landfill gas capture and flaring in the Dominican Republic

Version 01.0

United Nations
Framework Convention on
Climate Change

TABLE OF CONTENTS **Page**

1. Introduction

1. This standardized baseline provides standardized additionality, baseline scenario and standardizes a value in the estimation of emission reductions for CDM project activities capturing and flaring land fill gas (LFG) in the Dominican Republic.

2. Scope, applicability, and entry into force

2.1. Scope and applicability

2. The standardized baseline provides the following standardization to the existing and new landfills:

   (a) Standardized additionality criterion for CDM projects flaring LFG;

   (b) Standardized baseline scenario for the recovery of LFG in landfill sites;

   (c) Standardized value for the amount of LFG captured and flared due to the regulations and/or contractual obligations in the landfill sites.

3. This standardized baseline is applicable to CDM projects in the Dominican Republic that capture and flare LFG from existing and new landfills. The standardized baseline is not applicable to project activities that utilize the captured LFG for energy purposes (e.g. heat or electricity production).

4. Projects applying this standardized baseline shall use it together with the latest available versions of the approved methodologies AMS-III.G: “Landfill methane recovery” or ACM0001: “Flaring or use of landfill gas”. Therefore, in addition to the applicability conditions of this standardized baseline, the applicability conditions of the respective methodology used (AMS-III.G or ACM0001) will also apply.

2.2. Entry into force and validity

5. This standardized baseline enters into force upon adoption by the CDM Executive Board on 23 March 2021. This standardized baseline is valid for from 23 March 2021 to 23 March 2024.

3. Normative references

6. This standardized baseline is based on the request for update of the approved standardized baseline ASB0011-2018 “Landfill gas capture and flaring in the Dominican Republic” (ASU_005), submitted by the DNA of the Dominican Republic.

7. For more information regarding the approved standardized baselines as well as their consideration by the CDM Executive Board please refer to <http://cdm.unfccc.int/methodologies/standard_base/index.html >.

4. Definitions

8. The definitions contained in the latest version of the applied methodology, AMS-III.G: “Landfill methane recovery” or ACM0001: “Flaring or use of landfill gas”, shall apply.

9. The definitions contained in the Glossary of CDM terms shall apply.

5. Parameters, values and positive list

10. This standardized baseline establishes that:

    (a) All CDM project activities capturing and flaring LFG in the Dominican Republic are additional;

    (b) The baseline scenario for the LFG is assumed to be the atmospheric release of the LFG;

    (c) The amount of methane (tCH_4/year) in the LFG that would be captured and flared in the baseline in the project year "y" as per the enforced regulations and/or contractual arrangements applicable to existing and new landfills is standardized to be equal to zero (0). This standardized value can be applied to parameter $F_{CH4,BL,y}$ in equation (1) in AMS-III.G: "Landfill methane recovery" version 10.0 or to parameter $F_{CH4,BL,y}$ in equation (2) in ACM0001: "Flaring or use of landfill gas" version 19.0).[1]

- - - - -

Document information

Version	*Date*	*Description*
01.0	23 March 2021	Initial publication. This standardized baseline is approved by CDM Executive Board in accordance with the "Procedure for development, revision, clarification and update of standardized baselines" (CDM-EB63-A28-PROC).
Decision Class: Regulatory Document Type: Standard Business Function: Methodology Keywords: The Dominican Republic, landfill gas, methane, standardized baselines		

[1] The standardized baseline can be used together with future versions of methodologies AMS-III.G and ACM0001 as long as the requirements related to the parameter F_{CH4BLy} do not change.