CLEAN DEVELOPMENT MECHANISM

ASB0011

Standardized baseline

Landfill gas capture and flaring in the Dominican Republic

Version 01.0

United Nations
Framework Convention on
Climate Change

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, entry into force and validity

2.1. Scope

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.

2.2. Applicability

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.

2.3. Entry into force

5. This standardized baseline will enter into force immediately upon adoption by the CDM Executive Board on 28 May 2015.

2.4. Validity of this standardized baseline

6. This standardized baseline is valid until 27 May 2018.

3. Normative references

7. This standardized baseline is based on the proposed new standardized baseline PSB0015 "Methane destruction in landfill sites" submitted by the designated national authority of the Dominican Republic.

8. This standardized baseline is derived from the "Guidelines for the establishment of sector specific standardized baselines" version 2.0.

9. For more information regarding proposed new 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

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

5. Parameters, values and additionality criterion

11. 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 (tCH4/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 9.0[1] or to parameter $F_{CH4,BL,y}$ in equation (2) in ACM0001: "Flaring or use of landfill gas" version 15.0) if the respective methodologies are used for calculation of emission reductions of CDM projects in the Dominican Republic.

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Document information

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[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 $F_{CH4,BL,y}$ do not change.