



**CLEAN DEVELOPMENT MECHANISM
PROPOSED STANDARDIZED BASELINE
(CDM-PSB)
(VERSION 01.0)**

“Standardized baseline for landfill gas destruction in country B”

Submission date

Version 1.0

Source

If the standardized baseline was developed using a methodological approach contained in an approved methodology or tool please provide the name, number (if applicable) and version of the approved methodology or tool used.

If it was developed using the “*Guidelines for the establishment of sector specific standardized baselines*” please state the version of the guidelines used.

If a table of calculation is available for the development of the standardized baseline, please state the version of the table used, and submit it with this form.

This proposed standardized baseline was developed using the “Guidelines for the establishment of sector specific standardized baselines”, version 02.0 (Annex 23, EB 65).

Type of standardized baseline approach

The standardized baseline is developed for:

- X Additionality demonstration;
X Baseline identification;
☐ Baseline emission estimation.

Please note that one, two or all three items can be checked.



CDM proposed standardized baseline form (Version 01.0)


(To be used by a designated national authority (DNA) when submitting a proposed standardized baseline in accordance with the "Procedure for submission and consideration of standardized baselines".)

SECTION 1: GENERAL INFORMATION

DNA submitting this form:	Sao Tome and Principe (Directorate General for the Environment, Ministry of Public Works and Natural Resources)
Developer of the standardized baseline: <i>(Parties, project participants, international industry organizations or admitted observer organizations)</i>	With technical support from RCC Lomé
Party or Parties to which the standardized baseline applies:	Democratic Republic of Sao Tome and Principe
Sector to which the proposed standardized baseline applies: <i>(the sector according to the definition of sector in the "Guidelines for the establishment of sector specific standardized baselines")</i>	Measure 3: Methane destruction -Landfill gas capture and destruction-

SECTION 2: LIST OF DOCUMENTS TO BE ATTACHED TO THIS FORM (please check)

- ☐ An assessment report presenting how the data was collected, processed and compiled to establish the proposed standardized baselines;
- ☐ Where the proposed standardized baseline applies to a group of Parties, letters of approval of all the DNAs of the Parties to which the standardized baseline applies;
- ☒ Additional documentation supporting the submission (e.g. relevant data, documentation, statistics, studies, calculation tables, etc.), when applicable.

Name of authorized officer signing for the DNA:	Mr. Arlindo de Ceita Carvalho
Date and signature for the DNA:	  28/11/013
Name and contact details of the focal point(s) for any follow up communication: <i>(all communication regarding procedural or technical issues will be sent to the focal point(s))</i>	Mr. Madival Alva das Neves <u>Address:</u> Direcção Geral do Ambiente Avenida Kwame N'kruma C.P. 1023, São Tomé São Tomé e Príncipe <u>Email:</u> madval15@hotmail.com <u>Telephone:</u> (+239) 222 5323 <u>Fax:</u> (+239) 222 7156



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SECTION BELOW TO BE COMPLETED BY THE UNFCCC SECRETARIAT	
CDM-PSB ID number:	
Date when the form was received at UNFCCC secretariat:	
Have <u>all</u> Parties for which the standardized baseline is applicable fewer than 10 registered CDM project activities as of 31 December 2010? (Y/N):	
CDM-PSB ID number and version: (to be completed by UNFCCC)	

SECTION A: STANDARDIZED BASELINE DEVELOPED USING THE “GUIDELINES FOR THE ESTABLISHMENT OF SECTOR SPECIFIC STANDARDIZED BASELINES”

This section should only be completed when the standardized baseline is developed using the “Guidelines for the establishment of sector specific standardized baselines”.

Applicability of the standardized baseline

Please provide the following information:

- The host country(ies) or region(s) within a host country to which the standardized baseline is applicable. In case of region(s) within a host country, please document transparently the geographical boundaries of the region (e.g. provinces, electric grids, etc).
 - *This proposed standardized baseline is applicable to Democratic Republic of Sao Tome and Principe*
- The sector(s) to which the standardized baselines is applied. Note that a sector refers to a segment of a national economy that delivers defined output(s) (e.g. clinker production, domestic / household energy supply). The sector is characterized by the output(s) O₁ it generates.
 - *This proposed standardized baseline is applicable to destruction of landfill gas, with or without use of the gas.*
- The output(s) to which the standardized baseline is applied, i.e. the goods or services with comparable quality, properties, and application areas (e.g. clinker, lighting, residential cooking).
 - *This proposed standardized baseline is applicable to destruction of landfill gas, with or without use of the gas.*

- The measure to which the standardized baseline is applicable:

☐ Fuel and feedstock switch; or

☐ Switch of technology with or without change of energy source (including energy efficiency improvement); or

X Methane destruction; or

☐ Methane formation avoidance.

Additionality demonstration

Please explain how the “Guidelines for the establishment of sector specific standardized baselines” were applied to demonstrate additionality and develop a positive list of project activities that are deemed additional. Follow the steps and guidance of the “Guidelines for the establishment of sector specific



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standardized baselines”. Document all underlying data, data sources, assumptions, calculation steps and outcomes in a clear and transparent manner.

In accordance with Part C of the guidelines (Measure 3: Methane destruction), it was identified that there is no regulation requiring the destruction of a specific percentage of landfill gas in the country. Furthermore, the existing regulations are not enforced in the country and that there are no planned regulations to this effect.

Therefore, in Democratic Republic of Sao Tome and Principe any capture and destruction of landfill gas is additional.

Baseline identification

Please explain how the “Guidelines for the establishment of sector specific standardized baselines” were applied to identify the baseline for the measures. Follow the steps and guidance of the “Guidelines for the establishment of sector specific standardized baselines”. Document all underlying data, data sources, assumptions, calculation steps and outcomes in a clear and transparent manner.

In accordance with Part C of the guidelines (Measure 3: Methane destruction), it was identified that there is no regulation requiring the destruction of a specific percentage of landfill gas in the country. Furthermore, the existing regulations are not enforced in the country.

Therefore, in Democratic Republic of Sao Tome and Principe the baseline level of destruction of landfill gas is 0%.

Baseline emission factor estimation (if applicable)

Please explain how the “Guidelines for the establishment of sector specific standardized baselines” were applied to determine a baseline emission factor. Follow the steps and guidance of the “Guidelines for the establishment of sector specific standardized baselines”. Document all underlying data, data sources, assumptions, calculation steps and outcomes in a clear and transparent manner.

Not applicable. Baseline emissions will be determined based on the monitoring of the actual amount of landfill gas capture, as indicated in the “Guidelines for the establishment of sector specific standardized baselines”.

Use of the standardized baseline with an approved methodology

Please explain how the standardized baseline will be used with the relevant approved methodology(ies) or an approved tool, i.e. which (parts of) the approved methodology(ies) or the approved tool are replaced by the standardized baseline. Note that a standardized baseline derived from the “Guidelines for the establishment of sector specific standardized baselines” will usually replace the sections on demonstration of additionality, identification of the baseline scenario and the determination of baseline

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emissions, while the methodology sections on applicability, project boundary, project emissions, leakage emissions and provision to monitor project and leakage emissions may not be affected by the use of the standardized baseline. If an approved methodology is not available, a new methodology should be submitted to be used with the standardized baseline, following the relevant procedures (“*Procedure for the submission and consideration of a proposed new baseline and monitoring methodology for large scale CDM project activities*” or “*Procedures for the submission and consideration of a proposed new small scale methodology*”).

This proposed standardized baseline will be used to replace the sections of demonstration of additionality and identification of the baseline scenario of the eligible methodologies.

This proposed standardized baseline may be used with the following methodologies:

ACM0001 “Flaring or use of landfill gas”

AMS-III.G “Landfill methane recovery”

Validity of the standardized baseline

Please state the period of time for which the standardized baseline is valid. Please note that Appendix I of the “Guidelines for the establishment of sector specific standardized baselines” provide interim values for data vintage and the frequency of update.

The validity of this proposed standardized baseline will be revised every three years, as requested in the “Guidelines for the establishment of sector specific standardized baselines”.



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SECTION B: STANDARDIZED BASELINE DEVELOPED USING A METHODOLOGICAL APPROACH CONTAINED IN AN APPROVED METHODOLOGY OR TOOL

This section should only be completed when the standardized baseline is developed using a methodological approach to estimate baseline emissions contained in an approved methodology or tool. An example for this is the application of the “Tool to calculate the emission factor for an electricity system” to estimate the emission factor for a electric grid.

Applicability of the standardized baseline

Please state the host country(ies) or region(s) within a host country to which the standardized baseline is applicable. In case of region(s) within a host country, please document transparently the geographical boundaries of the region (e.g. provinces, electric grids, etc).

Baseline emission estimation

Please explain how the methodological approach contained in the approved methodology or tool was applied to estimate the baseline emissions of a project activity in (a) country(ies) or region. Follow the steps and guidance of the approved methodologies or tools. Document all underlying data, data sources, assumptions, calculation steps and outcomes in a clear and transparent manner. Note that the underlying methodology or tool has to provide a methodological approach to derive the baseline emissions for a country or region in order to apply this step. This applies, for example, to the methodological tool “Tool to determine the emission factor of an electricity system”.

Use of the standardized baseline with an approved methodology

Please explain how the standardized baseline will be used with the relevant approved methodology(ies) or approved tool, i.e. which (parts of) the approved methodology(ies) or the approved tool are replaced by the standardized baseline.

Validity of the standardized baseline

Please state the vintage of the parameters used to derive the standardized baseline, in accordance with the requirements contained in the approved methodology or tool.



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REFERENCES AND ANY OTHER INFORMATION

Attached documentation includes;

Certification by the Genral Directorate of Environment Sao Tome that there are no regulations requiring destruction of landfill gas.

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History of the document

Version	Date	Nature of revision(s)
01.0	23 March 2012	Initial publication.
Decision Class: Regulatory Document Type: Form Business Function: Methodology		