

ASB0025

Standardized baseline

Cookstoves in Senegal

Version 01.0



United Nations
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Climate Change

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1. Introduction

1.1. Background

1. This standardized baseline provides the values for baseline woody biomass consumption for household cookstoves to estimate emission reduction from project activities for efficient cookstoves in Senegal.

2. Scope, applicability, and entry into force

2.1. Scope and applicability

2. The scope of the standardized baseline covers the values of baseline woody biomass consumption for household cookstoves in Senegal.
3. Clean development mechanism (CDM) project activities can apply this standardized baseline under the following conditions:
 - (a) The project activity is implemented in Senegal; and
 - (b) The approved CDM methodology that is applied to the project activity is small-scale methodology AMS-II.G “Energy efficiency measures in thermal applications of non-renewable biomass” and/or small-scale methodology AMS-I.E “Switch from non-renewable biomass for thermal applications by the user”; and
 - (c) The standardized values are not applicable to households using LPG and/or kerosene in the baseline as a cooking fuel¹; and
 - (d) The standardized values are not applicable to standalone renewable energy based water treatment technologies under AMS-I.E.
4. Project participants who do not wish to use this standardized baseline may alternatively estimate their own values, by applying the latest applicable version of the methodology.

2.2. Entry into force and validity

5. This standardized baseline enters into force upon adoption by the CDM Executive Board on 26 August 2016. This standardized baseline is valid from 26 August 2016 to 25 August 2019.

3. Normative references

6. This standardized baseline is based on the proposed new standardized baseline PSB0025 “Standardized baselines for cookstoves in Senegal” submitted by the designated national authority (DNA) of Senegal.
7. This standardized baseline is derived from small-scale methodology AMS-II.G “Energy efficiency measures in thermal applications of non-renewable biomass” and small-scale

¹ One way to demonstrate this condition is to check and record at the time of distribution of the project stove.

methodology AMS-I.E “Switch from non-renewable biomass for thermal applications by the user”.

8. 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

9. The definitions contained in the Glossary of CDM terms shall apply.
 10. The definitions contained in the latest version of AMS-II.G and AMS-I.E shall apply.

5. Parameters and values

11. This standardized baseline shall be used together with the methodologies AMS-II.G (version 08.0) and/or AMS-I.E (version 07.0)². The following shall apply:
- (a) **Additionality demonstration:** The project activities which introduce improved cookstoves in Senegal under AMS-II.G or AMS-I.E are deemed automatically additional, as per the “Methodological tool for demonstration of additionality of small-scale project activities”;
 - (b) **Baseline emission estimation:** For the estimation of baseline emissions of project activities, the provisions in the methodology AMS-II.G version 8.0 or AMS-I.E version 7.0 for determining the values of the parameters listed in Table 1 below, do not apply. Instead, standardized values provided in the Table 1 below shall be used.

Table 1. Standardized values for AMS-II.G and AMS-I.E

Parameter	Unit	Description	Applicable values	Source
<i>B</i>_{old,HH} under AMS-II.G	tonnes/household/year	Annual quantity of woody biomass that would have been used in the household in the absence of the project activity to generate useful thermal energy equivalent to that provided by the project devices	4.68 tonnes/household/year	Based on the data provided in PSB0025

² The standardized baseline can be used together with future versions of methodologies AMS-II.G or AMS-I.E as long as the requirements related to the parameter mentioned in table 1 do not change.

Parameter	Unit	Description	Applicable values	Source
$BC_{BL,HH,y}$ under AMS-I.E	tonnes/h ousehold /year	Average annual consumption of woody biomass per household before the start of the project activity		
η □□□,□,□ under AMS-II.G	fraction	Efficiency of pre-project cookstove	a) Use 0.12 for the efficiency of the pre-project device for woody biomass stove replacement projects: b) Use 0.20 for the efficiency of the pre-project device for charcoal stove replacement projects.	Based on the data provided in PSB0025

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Document information

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01.0	26 August 2016	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).

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