

ASB0016

Standardized baseline

Institutional Cook Stoves in Uganda

Version 01.0



United Nations
Framework Convention on
Climate Change

1. Introduction

1. This standardized baseline provides the values for input parameters such as baseline woody biomass consumption per person to estimate emission reduction from project activities for efficient institutional cook stoves in Uganda.

2. Scope, applicability, entry into force and validity

2.1. Scope and applicability

2. The scope of the standardized baseline covers the values of baseline woody biomass consumption per capita and the efficiency of pre-project institutional cook stoves¹ in Uganda. The standardized baseline is only applicable to the cookstoves of the following type of institutions:
 - (a) Boarding Schools;
 - (b) Day Schools; and
 - (c) Prisons, Plantation estates and Hospitals
3. Clean development mechanism (CDM) project activities can apply this standardized baseline under the following conditions:
 - (a) The project activity is implemented in Uganda;
 - (b) The 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”.
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 16 October 2015. This standardized baseline is valid from 16 October 2015 to 15 October 2018.

3. Normative references

6. This standardized baseline is based on the proposed new standardized baseline PSB0028 “Institutional Cook Stoves in Uganda” submitted by the designated national authority (DNA) of Uganda.
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 Commercial establishments such as restaurants and hotels are excluded.

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

8. For more information regarding the proposed new standardized baseline 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, values and additionality criterion

11. CDM project activities shall use this standardized baseline together with AMS-II.G “Energy efficiency measures in thermal applications of non-renewable biomass” version 7.0 and AMS-I.E “Switch from non-renewable biomass for thermal applications by the user” version 6.0², The following shall apply:
 - (a) Additionality demonstration: The project activities which introduce improved institutional cook stoves in Uganda 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 7.0 or AMS-I.E version 6.0 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>f_{NRB,y}</i> under AMS-II.G or AMS-I.E	fraction	Fraction of woody biomass that can be established as non-renewable biomass	0.82	http://cdm.unfccc.int/DNA/fNRB/index.html

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 parameters mentioned in table 1 do not change.

Parameter	Unit	Description	Applicable values	Source								
Default quantity of baseline woody biomass per person to determine $B_{old,i,j}$ Under AMS-II.G	tonnes/ person/ year	The default value is used to determine $B_{old,i,j}$ “Annual quantity of woody biomass that would have been used in the absence of the project activity to generate useful thermal energy equivalent to that provided by the project device type i and batch j (in tonnes/year)”	<div>The standardized values provided are in tonnes/person/year. Number of persons served per device shall be based on survey conducted prior to project implementation.</div> <table><tr><th>Institution Type</th><th>Value</th></tr><tr><td>Boarding Schools</td><td>0.38</td></tr><tr><td>Day Schools</td><td>0.19</td></tr><tr><td>Prisons, Plantation estates and Hospitals</td><td>0.59</td></tr></table>	Institution Type	Value	Boarding Schools	0.38	Day Schools	0.19	Prisons, Plantation estates and Hospitals	0.59	Based on the data provided in PSB0028
Institution Type	Value											
Boarding Schools	0.38											
Day Schools	0.19											
Prisons, Plantation estates and Hospitals	0.59											
Default quantity of baseline woody biomass per person to determine B_y under AMS-I.E	tonnes/ person/ year	The default value is used to determine B_y “Quantity of woody biomass that is substituted or displaced (in tonnes/year)”										
$\eta_{old,i,j}$ under AMS-II.G	fraction	Efficiency of pre-project cook stove	0.12	Based on the data provided in PSB0028								

Document information

Version	Date	Description
01.0	16 October 2015	EB 86, Annex 11 Initial adoption.
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