



**Proposed standardized baseline recommendation form
(Version 02.0)**

**INFORMATION TO BE COMPLETED BY THE TWO SELECTED MEMBERS OF THE PANEL/ WORKING GROUP OR THE
PANEL/WORKING GROUP**

Title of the proposed standardized baseline:	Grid Emission Factor for the Republic of Sudan
Reference number of the proposed standardized baseline:	PSB0030
Name(s) of the Party or Parties to which the proposed standardized baseline applies:	The Republic of Sudan
DNA submitting the proposed standardized baseline:	Higher Council for Environment and Natural Resources with support from UNFCCC Regional Collaboration Centre Kampala
Name(s) of the proponent(s) of the proposed standardized baseline: <i>(Parties, project participants, international industry organizations or admitted observer organizations)</i>	The Designated National Authority (DNA) of the Republic of Sudan
History of the submission:	<ol style="list-style-type: none"> 1) 03/03/2015: first submission was received 2) 29/07/2015: second submission was received 3) 06/08/2015: third submission was received 4) 19/10/2015: fourth submission was received 5) 10/02/2016: fifth submission was received
Date (DD/MM/YYYY) when the recommendation is completed:	25/02/2016
Approach for the development of the proposed standardized baseline:	
<input type="checkbox"/> The "Guidelines for the establishment of sector specific standardized baselines" (Version 2.0) <input type="checkbox"/> A methodological approach contained in an approved baseline and monitoring methodology (Please specify below the exact reference (number, title and version) of the approved methodology) <input checked="" type="checkbox"/> A methodological approach contained in an approved methodological tool "Tool to calculate the emission factor for an electricity system" (version 04.0.0) <input type="checkbox"/> The "Guideline: Establishment of standardized baselines for afforestation and reforestation project activities under the CDM"	
Important conditions under which the proposed standardized baseline is applicable:	

2. The scope of this standardized baseline covers the grid emission factors for the electricity system of the Republic of Sudan. It was derived using the ex ante data vintage option of the version 04.0 of the “Tool to calculate the emission factor for an electricity system” based on 2010–2012 data vintage.

3. Clean development mechanism (CDM) project activities and programmes of activities (hereinafter referred as project activities) can apply this standardized baseline under the following conditions:

(a) The project activity is implemented in the Republic of Sudan and is connected to the project electricity system;

(b) The CDM approved methodology that is applied to the project activity requires the determination of CO₂ emission factor(s) through the application of the “Tool to calculate the emission factor for an electricity system” (hereinafter referred to as “the tool”);

(c) The project activity uses ex ante option for the grid emission factor as indicated in the tool i.e. no monitoring and recalculation of the emissions factor during the crediting period is required.

4. Project participants who do not wish to use this standardized baseline may alternatively estimate their own values for the grid emission factor, by applying the latest applicable version of the tool.

Summary description of the proposed standardized baseline:

This standardized baseline provides values for the parameters mentioned in table 1.

Table 1. Grid emission factors for the project electricity system

Parameter	Unit	Description	Applicable project types	Applicable values		
				First crediting period	Second crediting period	Third crediting period
$EF_{grid,OM,y}$	tCO ₂ /MWh	Operating margin CO ₂ emission factor for the project electricity system	All project activities	0.206	0.206	0.206
$EF_{grid,BM,y}$	tCO ₂ /MWh	Build margin CO ₂ emission factor for the project electricity system	All project activities	0.149	0.149	0.149
$EF_{grid,CM,y}$	tCO ₂ /MWh	Combined margin CO ₂ emission factor for the project electricity system	Wind and solar power generation project activities	0.192	0.192	0.192
$EF_{grid,CM,y}$	tCO ₂ /MWh	Combined margin CO ₂ emission factor for the project electricity system	All project activities except wind and solar power generation project activities	0.178	0.164	0.164

Recommendation to the Board:
<input checked="" type="checkbox"/> To approve the draft standardized baseline <input type="checkbox"/> Not to approve the draft standardized baseline
Reasons for not approving the proposed standardized baseline:
Any other issues arising from the review of the proposed standardized baseline:

Document information

<i>Version</i>	<i>Date</i>	<i>Description</i>
02.0	1 December 2013	<p>The document title has changed from “CDM recommendation form for proposed standardized baselines” (F-CDM-PSB-REC) to “Proposed standardized baseline recommendation submission form” (CDM-PSBR-FORM).</p> <p>Revision to</p> <ul style="list-style-type: none"> • Reflect updated requirements in the “Procedure: Development, revision, clarification and update of standardized baselines”; • Include an editorial improvement.
01.0	23 March 2012	Initial publication.

Decision Class: Regulatory
 Document Type: Form
 Business Function: Methodology
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