



**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**

<b>Title of the proposed standardized baseline:</b>	Rwanda grid emission factor
<b>Reference number of the proposed standardized baseline:</b>	PSB0018
<b>Name(s) of the Party or Parties to which the proposed standardized baseline applies:</b>	Rwanda
<b>DNA submitting the proposed standardized baseline:</b>	Rwanda
<b>Name(s) of the proponent(s) of the proposed standardized baseline:</b> <i>(Parties, project participants, international industry organizations or admitted observer organizations)</i>	Rwanda DNA
<b>History of the submission:</b>	First submission was received on 26/05/2014 Second submission was received on 23/10/2014 Third submission was received on 03/06/2015 Forth submission was received on 18/06/2015 Fifth submission was received on 03/08/2015
<b>Date (DD/MM/YYYY) when the recommendation is completed:</b>	04/08/2015

**Approach for the development of the proposed standardized baseline:**

- The "Guidelines for the establishment of sector specific standardized baselines"
- 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 \_\_\_\_\_)
- A methodological approach contained in an approved methodological tool "Tool to Calculate the Emission Factor for an Electricity System" version 4.0.
- 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:**

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" (version 04.0).

**Summary description of the proposed standardized baseline:**

The proposed standardized baseline determines the emission factors of Rwandan grid in accordance with "Tool to calculate the emission factor for an electricity system", version 4.0  
Review of the submission resulted into the following values for this standardized baseline:

**Table 1. Grid emission factors for use by a CDM project activity that uses the ex ante data vintage option of the tool without including off-grid power units in 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 <sub>2</sub> /MWh	Operating margin CO <sub>2</sub> emission factor for the project electricity system	All project activities	0.767	0.767	0.767
$EF_{grid,BM,y}$	tCO <sub>2</sub> /MWh	Build margin CO <sub>2</sub> emission factor for the project electricity system	All project activities	0.401	0.401	0.401
$EF_{grid,CM,y}$	tCO <sub>2</sub> /MWh	Combined margin CO <sub>2</sub> emission factor for the project electricity system	Wind and solar power generation project activities	0.676	0.676	0.676
$EF_{grid,CM,y}$	tCO <sub>2</sub> /MWh	Combined margin CO <sub>2</sub> emission factor for the project electricity system	All project activities except wind and solar power generation project activities	0.584	0.493	0.493

**Table 2. Grid emission factors for use by a CDM project activity that uses the ex ante data vintage option of the tool by the inclusion of off-grid power units in the project electricity system**

Parameter	Unit	Description	Applicable project types	Applicable values for first crediting period <sup>1</sup>
$EF_{grid,OM,y}$	tCO <sub>2</sub> /MWh	Operating margin CO <sub>2</sub> emission factor for the project electricity system	All project activities	0.771
$EF_{grid,BM,y}$	tCO <sub>2</sub> /MWh	Build margin CO <sub>2</sub> emission factor for the project electricity system	All project activities	0.438
$EF_{grid,CM,y}$	tCO <sub>2</sub> /MWh	Combined margin CO <sub>2</sub> emission factor for the project electricity system	Wind and solar power generation project activities	0.688
$EF_{grid,CM,y}$	tCO <sub>2</sub> /MWh	Combined margin CO <sub>2</sub> emission factor for the project electricity system	All project activities except wind and solar power generation	0.604

<sup>1</sup> As per the tool in case of inclusion of off-grid power units the default CO<sub>2</sub> emission factor can be applied for the first crediting period.

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

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**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"> <li>• Reflect updated requirements in the “Procedure: Development, revision, clarification and update of standardized baselines”</li> <li>• Include an editorial improvement.</li> </ul>
01.0	23 March 2012	Initial publication.
Decision Class: Regulatory Document Type: Form Business Function: Methodology Keywords: standardized baselines		