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CDM: Proposed New Methodology
Meth Panel recommendation to the Executive Board

To be completed by UNFCCC Secretariat

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<tr><td>*Date of Meth Panel meeting:*</td><td></td></tr>
<tr><td>*Related F-CDM-NM document ID number*
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(electronically available to EB members)</td><td>F-CDM-NMex0   :</td></tr>
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Signature of Meth Panel Chair   …………………………………………..
Date:

Signature of Meth Panel Vice-Chair …………………………………………..
Date:

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Information to be completed by the secretariat

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<tr><td>Date when the form was received at UNFCCC secretariat</td><td></td></tr>
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NM0xxx Version ## (to be completed by UNFCCC)

CLEAN DEVELOPMENT MECHANISM
PROPOSED NEW BASELINE AND MONITORING METHODOLOGIES
(CDM-NM)
(Version 03)

CONTENTS

Section A. Recommendation by the Methodological Panel (to be completed by the Meth Panel)

Section B. Summary and applicability of the baseline and monitoring methodology

Section C. Proposed new baseline and monitoring methodology

Section D. Explanations / justifications to the proposed new baseline and monitoring methodology

Instructions for using this form

In using this form, please follow the guidance established in the following documents:
- Guidelines for completing the project design document (CDM-PDD) and proposed new baseline and monitoring methodologies (CDM-NM);
- Technical guidelines for the development of new baseline and monitoring methodologies (contained in part III of the above);
- Relevant methodological guidance by the Executive Board.

This guidance can be found at <https://cdm.unfccc.int/Reference/Guidclarif/index.html>

Formatting Instructions:
- The form provides the formatted headings which should be used throughout the document;
- Please use word equation editor to write equations;
- Please format figures, tables and footnotes to update automatically;
- Please note the footnotes have a separate format (Times New Roman - size 10)[1]

Please complete sections B to E. In section C, the text shaded in grey shall not be changed, whereas other text is used as an example and may be changed or deleted.

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[1] Format for footnotes.

Section A. Recommendation by the Methodological Panel (to be completed by the Meth Panel)

Recommendation (preliminary or final / approval or rejection / consolidation)
>>

2. Major changes required
>>

3. Minor changes required
>>

Section B. Summary and applicability of the baseline and monitoring methodology

1. Methodology title (for baseline and monitoring), submission date and version number

>>

2. If this methodology is based on a previous submission or an approved methodology, please state the reference numbers (NMXXXX/AMXXXX/ACMXXXX) here. Explain briefly the main differences and their rationale.

>>

3. Summary description of the methodology, including major baseline and monitoring methodological steps

>>

	Section C. Proposed new baseline and monitoring methodology

	Draft baseline and monitoring methodology AMXXXX

	"Methodology title"

	I. SOURCE, DEFINITIONS AND APPLICABILITY

	Sources

This consolidated baseline and monitoring methodology is based on [elements from] the following [approved baseline and monitoring methodologies and] proposed new methodologies:

- NM0XXX "Title of the methodology" prepared by ###;

This methodology also refers to the latest approved versions of the following tools (please delete those not applicable):

- Tool to calculate project or leakage CO_2 emissions from fossil fuel combustion;

- Tool to calculate project emissions from electricity consumption;

- Tool for the demonstration and assessment of additionality;

- Tool to determine methane emissions avoided from dumping waste at a solid waste disposal site;

- Combined tool to identify the baseline scenario and demonstrate additionality;

- Tool to determine project emissions from flaring gases containing methane.

For more information regarding the proposed new methodologies and the tools as well as their consideration by the Executive Board please refer to http://cdm.unfccc.int/goto/MPappmeth.

	1. Selected approach from paragraph 48 of the CDM modalities and procedures

"Existing actual or historical emissions, as applicable"

"Emissions from a technology that represents an economically attractive course of action, taking into account barriers to investment"

"The average emissions of similar project activities undertaken in the previous five years, in similar social, economic, environmental and technological circumstances, and whose performance is among the top 20 per cent of their category"

2. Definitions: Please provide definitions of key terms that are used in this proposed new methodology

For the purpose of this methodology, the following definitions apply:

- **Biomass.** Biomass is non-fossilized and biodegradable organic material originating from plants, animals and microorganisms. This shall also include products, by-products, residues and waste from agriculture, forestry and related industries as well as the non-fossilized and biodegradable organic fractions of industrial and municipal wastes. Biomass also includes gases and liquids recovered from the decomposition of non-fossilized and biodegradable organic material.

3. Applicability conditions

This methodology applies to project activities that... (describe what is the project activity)

The methodology is applicable under the following conditions:

- Condition;

- Condition;

- Condition.

In addition, the applicability conditions included in the tools referred to above apply.

Finally, this methodology is only applicable if the application of the procedure to identify the baseline scenario results in that ### is the most plausible baseline scenario.

II. BASELINE METHODOLOGY PROCEDURE

4. Project boundary

The **spatial extent** of the project boundary encompasses...

The greenhouse gases included in or excluded from the project boundary are shown in Table 1.

1   Table 1:   Emissions sources included in or excluded from the project boundary

Source		Gas	Included?	Justification / Explanation
Baseline	Source 1	CO_2	Yes	
		CH_4	No	
		N_2O	No	
	Source 2	CO_2	Yes	
		CH_4	No	
		N_2O	No	
Project activity	Source 1	CO_2	Yes	
		CH_4	No	
		N_2O	No	
	Source 2	CO_2	Yes	
		CH_4	No	
		N_2O	No	

2   **5. Identification of the baseline scenario**

3   Project participants shall apply the following steps to identify the baseline scenario:

4   *Step 1:   Identify plausible alternative scenarios*

5   >>

6

7   *Step 2:*

8   >>

9   **6. Additionality: Please describe the procedure for demonstrating additionality**

10   >>

11

12   **7. Baseline emissions**

13   >>

14

15   **8. Project emissions**

16   Project emissions include...

1   Please define the steps to estimate for project emissions, as per the examples below

2   "Project emissions are calculated as follows:

3   $$PE_y = PE_{FC,y} + PE_{EC,y} \tag{1}$$

4   Where:
    PE_y = Project emissions in year y (t CO_2/yr)
    $PE_{FC,y}$ = Project emissions from fossil fuel combustion in year y (t CO_2/yr)
    $PE_{EC,y}$ = Project emissions from electricity consumption in year y (t CO_2yr)

5   Equations are numbered automatically. Just copy the equation with nomenclature above to produce other
6   equations. Present equations as in the example above

7

8   Project emissions are calculated in the following steps:

9   Step 1: Determination of project emissions from fossil fuel combustion

10 Step 2: Determination of project emissions from electricity consumption

11

12 ***Step 1:   Determination of project emissions from fossil fuel combustion***

13

14

15 ***Step 2:   Determination of project emissions from electricity consumption"***

16

17

18 *Determination of the electricity consumption by the project activity (Use this type of heading as a sub-*
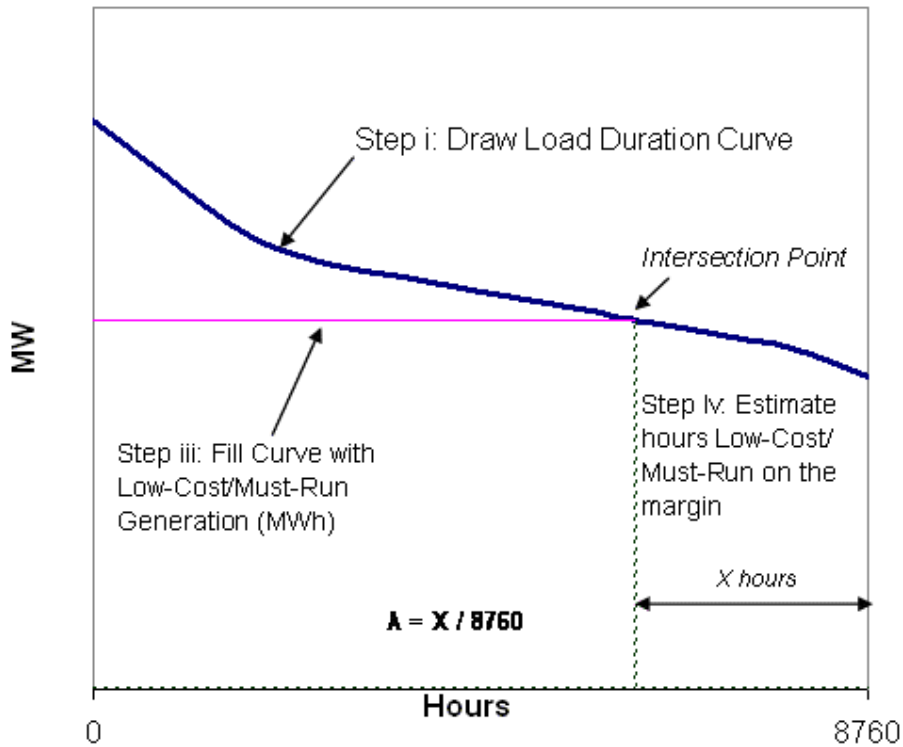19 *heading)*

20

21 The process to calculate Lambda is defined in Figure 1.

1   **Figure 1:   Illustration of Lambda Calculation for Simple Adjusted OM Method**

2

3   Project Participants, please note that if further enumerations are required, use the following format:

4   (a) First issue

5   (b) Second issue

6   **9. Leakage**

7   >>

8

9   **10. Emission reductions**

10   Emission reductions are calculated as follows:

11    $$ER_y = BE_y - PE_y - LE_y \tag{2}$$

1 Where:
   ER_y = Emission reductions in year y (t CO_2e/yr)
   BE_y = Baseline emissions in year y (t CO_2e/yr)
   PE_y = Project emissions in year y (t CO_2/yr)
   LE_y = Leakage emissions in year y (t CO_2/yr)

2

3 **11. Changes required for methodology implementation in 2nd and 3rd crediting periods**

4 >>

5

6

7 **12a. Data and parameters not monitored**

8 In addition to the parameters listed in the tables below, the provisions on data and parameters not
9 monitored in the tools referred to in this methodology apply.

10

Data / parameter:	
Data unit:	
Description:	
Source of data:	
Measurement procedures (if any):	
Any comment:	

11 **III. MONITORING METHODOLOGY**

12 All data collected as part of monitoring should be archived electronically and be kept at least for 2 years
13 after the end of the last crediting period. 100% of the data should be monitored if not indicated otherwise
14 in the tables below. All measurements should be conducted with calibrated measurement equipment
15 according to relevant industry standards.

16 In addition, the monitoring provisions in the tools referred to in this methodology apply.

1 | **12b. Data and parameters monitored**

Data / parameter:	
Data unit:	
Description:	
Source of data:	
Measurement procedures (if any):	
Monitoring frequency:	
QA/QC procedures:	
Any comment:	

2 | **IV.   REFERENCES AND ANY OTHER INFORMATION**

3

4

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2 | **Section D. Explanations / justifications to the proposed new baseline and monitoring methodology** |
3
4 | **1. Selected approach from paragraph 48 of the CDM modalities and procedures** |
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43

1 | **11. Changes required for methodology implementation in 2nd and 3rd crediting periods** |
2
3

4

5 | **12. Monitoring methodology, including data and parameters not monitored** |

6

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8

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11   - - - - -

12

13   **History of the document**

Version	Date	Nature of revision(s)
03	EB 38, Annex # 14 March 2008	
02	EB 32, Annex 17 22 June 2007	
01	EB 08, Annex 02 29 September 2006	Initial adoption

14

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