

CLEAN DEVELOPMENT MECHANISM
PROPOSED NEW BASELINE AND MONITORING METHODOLOGIES FOR A/R
(CDM-AR-NM) Version 02

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Section I. Summary and applicability of the baseline and monitoring methodologies

1. Methodology title (for baseline and monitoring) and history of submission

Methodology title:

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If this methodology is based on a previous submission or an approved methodology, please state the relevant reference number (ARNMXXXX/AR-AMXXXX). Explain briefly the main differences and/or rationale for not using the approved methodology.

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2. Selected baseline approach for A/R CDM project activities

Choose one (delete others):

- Existing or historical, as applicable, changes in carbon stocks in the carbon pools within the project boundary;
- Changes in carbon stocks in the carbon pools within the project boundary from a land use that represents an economically attractive course of action, taking into account barriers to investment;
- Changes in carbon stocks in the pools within the project boundary from the most likely land use at the time the project starts.

Explanation/justification of choice:

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3. Applicability conditions

Methodology procedure:

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Explanation/justification (if methodology procedure is not self-explanatory):

>>

4. Selected carbon pools

Table A: Selected carbon pools

Carbon pools	Selected (answer with Yes or No)	Justification / Explanation of choice
Above ground		
Below ground		
Dead wood		
Litter		

Soil organic carbon		
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5. Summary description of major baseline and monitoring methodological steps

a. Baseline methodology:

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b. Monitoring methodology:

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Section II. Baseline methodology description

1. Project boundary

Methodology procedure:

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Table B: Emissions sources included in or excluded from the project boundary [add/delete gases and sources as needed]

Sources	Gas	Included/ excluded	Justification / Explanation of choice
Use of fertilizers	CO ₂		
	CH ₄		
	N ₂ O		
Combustion of fossil fuels by vehicles	CO ₂		
	CH ₄		
	N ₂ O		

Explanation/justification of choice (only if space in the table is not sufficient).

Explain/justify differences in emission sources covered by baseline and project activity, if any:

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2. Stratification

Methodology procedure:

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Explanation/justification (if methodology procedure is not self-explanatory):

>>

3. Procedure for selection of **the** most plausible baseline scenario

Methodology procedure:

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Explanation/justification (if methodology procedure is not self-explanatory):

>>

4. **Additionality**

Methodology procedure:

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Explanation/justification (if methodology procedure is not self-explanatory):

>>

5. Estimation of baseline net GHG removals by sinks

Methodology procedure:

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Explanation/justification (if methodology procedure is not self-explanatory):

>>

6. *Ex ante* actual net GHG removals by sinks

Methodology procedure:

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Explanation/justification (if methodology procedure is not self-explanatory):

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7. Leakage

Methodology procedure:

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Table C: Emissions sources included in or excluded from leakage [add/delete gases and sources as needed]

Sources	Gas	Included/ excluded	Justification / Explanation of choice
Burning of biomass	CO ₂		
	CH ₄		

	N ₂ O		
Combustion of fossil fuels by vehicles	CO ₂		
	CH ₄		
	N ₂ O		

Explanation/justification (if methodology procedure is not self-explanatory):
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8. Ex ante net anthropogenic GHG removal by sinks

Methodology procedure:
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9. Uncertainties and conservative approach

Methodology procedure:
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Explanation/justification (if methodology procedure is not self-explanatory):
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10. Data needed for *ex ante* estimations

Data / Parameter	Unit	Description	Vintage	Data sources and geographical scale

11. Other information
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Section III: Monitoring methodology description

1. Monitoring of project implementation

Methodology procedure:
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Explanation/justification (if methodology procedure is not self-explanatory):
>>

2. Sampling design and stratification

Methodology procedure:

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Explanation/justification (if methodology procedure is not self-explanatory):

>>

3. Calculation of *ex post* baseline net GHG removals by sinks, if required

Methodology procedure:

>>

Explanation/justification (if methodology procedure is not self-explanatory):

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4. Data to be collected and archived for the estimation of baseline net GHG removals by sinks

ID number	Data Variable	Data Unit	Data source	Measured (m) calculated (c) estimated (e)	Recording frequency	Proportion of data monitored	Comment

5. Calculation of *ex post* actual net GHG removal by sinks

Methodology procedure:

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6. Data to be collected and archived for *ex post* actual net GHG removals by sinks

ID number	Data Variable	Data unit	Data source	Measured (m) calculated (c) estimated (e)	Recording frequency	Proportion of data monitored	Comment

7. Leakage

Methodology procedure:

>>

Explanation/justification (if methodology procedure is not self-explanatory):

>>

8. Data to be collected and archived for leakage

ID number	Data Variable	Data unit	Data source	Measured (m) Calculated (c) estimated (e)	Recording frequency	Proportion of data monitored	Comment

9. *Ex post* net anthropogenic GHG removal by sinks

Methodology procedure:

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10. Uncertainties and conservative approach

Methodology procedure:

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Explanation/justification (if methodology procedure is not self-explanatory):

>>

11. Other information

>>

Section IV: Lists of variables, acronyms and references

1. List of variables used in equations:

Variable	SI Unit	Description

2. List of acronyms used in the methodologies:

Acronym	Description

3. References:

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