



**PROPOSED NEW BASELINE AND MONITORING METHODOLOGY  
OR METHODOLOGICAL TOOL FORM  
(Version 01.0)**

**INFORMATION TO BE COMPLETED BY THE SECRETARIAT AND METHODOLOGIES EXPERT PANEL**

<b>Type of standard</b>	Choose an item.
<b>Unique reference number and title of the proposed new methodology or new methodological tool</b>	>>
<b>Date when this form was received at UNFCCC secretariat:</b>	Click or tap to enter a date.
<b>Date of posting in the UNFCCC A6.4 web site for global stakeholder consultation</b>	Click or tap to enter a date.

<p align="center"><b>INFORMATION TO BE COMPLETED BY THE SUBMITTER</b></p>
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<p align="center"><b>THIS FORM IS REQUIRED AT THE "SUBMISSION OF PROPOSED NEW METHODOLOGY OR METHODOLOGICAL TOOL" STAGE AND IS SUBMITTED TOGETHER WITH 'NEW BASELINE AND MONITORING METHODOLOGY AND METHODOLOGICAL TOOL PROPOSAL FORM (A6.4-FORM-METH-001)'. </b></p>
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**Instructions for using this form**

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- Fill out all relevant sections of the form in clear print or typing;
- Provide your input after the >> indicator in the space provided;
- Leave blank sections which are found to be not applicable.

Formatting Instructions:

- Do not modify any part of this form, including headings, logo, format or font;
- 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).<sup>1</sup>

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<sup>1</sup> Format for footnotes.

**SECTION A. Summary and applicability of the baseline and monitoring methodology or methodological tool**

**A.1. Title, submission date and version**

>>

**A.2. If this methodology or methodological tool is based on a previous submission or an approved Article 6.4 mechanism methodology or methodological tool, please state the reference numbers here. Explain briefly the main differences and their rationale.**

>>

**A.3. Summary description of the methodology or methodological tool, including major baseline and monitoring methodological steps**

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## SECTION B. Proposed new baseline and monitoring methodology or methodological tool

### B.1. Summary description and scope of the methodology or methodological tool

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*Explain which are the typical types of projects that are eligible under the proposed new methodology or methodological tool and indicate the scope(s) of the methodology or methodological tool, including the mitigation activity(ies) of typical projects as per the table below:*

SECTORAL SCOPE
1. Energy Industries (renewable / non-renewable)
2. Energy Distribution
3. Energy Demand
4. Manufacturing Industries
5. Chemical Industries
6. Construction
7. Transport
8. Mining/mineral Production
9. Metal Production
10. Fugitive emissions from fuels (solid, oil and gas)
11. Fugitive emissions from production and consumption of halocarbons and sulphur hexafluoride
12. Solvent Use
13. Waste handling and disposal
14. Afforestation and reforestation
15. Agriculture
16. Carbon capture and storage of CO <sub>2</sub> in geological formation
17. Other activities involving removals

### B.2. Applicability conditions

>>

*Indicate under which conditions the methodology or methodological tool can be applied.*

### B.3. Sources and references

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*Indicate the methodologies or methodological tools from the Article 6.4 mechanism and from other GHG certification schemes upon which the proposed methodology or methodological tool is based.*

*List the approved Article 6.4 mechanism methodological tools referenced by the methodology or methodological tool.*

*List major sources of data or information.*

### B.4. Definitions

>>

Provide, in alphabetical order, definitions of key terms and acronyms that are used in the methodology or methodological tool. Ensure all defined terms are used in the methodology or methodological tool. Do not include terms already defined by the Article 6.4 Mechanism Glossary of Terms.

## B.5. Baseline methodology

### B.5.1. Activity boundary

>>

Provide a description of the boundary of activity (projects, POAs) applying the proposed new methodology (or if applicable the proposed new methodological tool).

### B.5.2. Baseline emissions or removals

Source	GHG <sup>2</sup>		Justification/Explanation
Source or sink 01	CO <sub>2</sub>	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>
	CH <sub>4</sub>	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>
	N <sub>2</sub> O	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>
	-----	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>
Source or sink 02	CO <sub>2</sub>	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>
	CH <sub>4</sub>	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>
	N <sub>2</sub> O	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>
	-----	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>
-----	CO <sub>2</sub>	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>
	CH <sub>4</sub>	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>
	N <sub>2</sub> O	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>
	-----	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>

### B.5.3. Activity emissions or removals

Source	GHG		Justification/Explanation
Source or sink 01	CO <sub>2</sub>	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>
	CH <sub>4</sub>	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>

<sup>2</sup> Refer to Appendix 1 of A6.4-STAN-AC-002 and A6.4-STAN-AC-004.

	N <sub>2</sub> O	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>
	-----	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>
Source or sink 02	CO <sub>2</sub>	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>
	CH <sub>4</sub>	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>
	N <sub>2</sub> O	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>
	-----	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>
-----	CO <sub>2</sub>	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>
	CH <sub>4</sub>	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>
	N <sub>2</sub> O	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>
	-----	<input type="checkbox"/> Included <input type="checkbox"/> Not included	>>

Fill the tables above to indicate which sources and/or sinks and GHGs are involved in the boundary of typical activities applying the proposed new methodology (GHGs and sources and/or sinks under that should be under the control of the activity participants and that are significant and reasonably attributable to the activity) or methodological tool (as applicable). Add rows as needed.

#### B.5.4. 'Business-as-usual' (BAU) scenario

##### B.5.4.1. Identification of the BAU scenario

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Explain how the BAU scenario or reference benchmark are identified.

##### B.5.4.2. Calculation of the BAU emissions or removals

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Provide the detailed equations to calculate BAU emissions or removals, including by justifying any assumption and explaining how each of the parameters were determined.

#### B.5.5. Baseline scenario

##### B.5.5.1. Baseline approach from paragraph 36 of the RMPs

(a) Choose one or more option(s)

- ☐ Best available technologies that represent an economically feasible and environmentally sound course of action, where appropriate.
- ☐ An ambitious benchmark approach where the baseline is set at least at the average emission level of the best performing comparable activities providing similar outputs and services in a defined scope in similar social, economic, environmental and technological circumstances.
- ☐ An approach based on existing actual or historical emissions, adjusted downwards to ensure alignment with paragraph 33 of the RMP.

*(b) Justify the choice(s)*

&gt;&gt;

*Justify of the appropriateness of the choice of approach(es) identified above, with reference to the requirements of paragraphs 33 and 35 of the RMP based on the requirements of the 'Standard: Application of the requirements of Chapter V.B (Methodologies) for the development and assessment of Article 6.4 mechanism methodologies', and taking into account relevant circumstances (including national, regional, or local, social, economic, environmental and technological, based on robust data and verifiable information, and including the type of data and information that are necessary to meet these provisions).*

*With regard to setting the baseline for emission reduction activities, factors affecting the appropriateness of the choice may include:*

- (a) Similarity of emission sources with respect to technologies and measures applied, or sectors covered by the methodology which may allow the use of an ambitious benchmark covered under paragraph 36 (ii) of the RMP;*
- (b) Availability of data required for a conservative and reliable estimation of the baseline.*

**B.5.5.2. Identification of the baseline scenario**

&gt;&gt;

*Provide a stepwise approach on how to identify the baseline scenario determined based on the baseline approach(es) selected in section B.5.5.1 above.*

**B.5.5.3. Calculation of baseline emissions or removals**

&gt;&gt;

*Provide credible methods for estimating baseline emissions or removals, based on up-to-date scientific information and reliable data.*

*Describe transparently the sources of data used, the assumptions made, the references used (including the application of technical performance standards) and the steps followed in the estimation of baseline emissions or removals, including equations where necessary, ensuring that the calculated mitigation (emission reductions and/or removal) is achieved by and attributable to the project or CP. If multiple sources of data and parameters are available to set the baseline, use the one that results in the most conservative baseline emissions.*

*Justify how options chosen, assumptions made, and data used result in real, transparent, credible, accessible and conservative estimates of the baseline emissions.*

*If secondary data is used, justify how it is ensured that the source of data is appropriate, and the data is conservative.*

*Where relevant and practicable, apply lifecycle approaches and emissions embodied in products and materials.*

**B.5.5.4. Difference between BAU and baseline emissions or removals**

&gt;&gt;

*Include a requirement that activity participants shall calculate the difference between the baseline emissions or removals and BAU emissions as an annual and total amount with respect to the crediting period.*

**B.5.5.5. Application of downward adjustment**

&gt;&gt;

*Demonstrate how the methodology ensures that downwards adjustment is applied in accordance with section 4.7 of the 'Standard: Application of the requirements of Chapter V.B (Methodologies) for the development and assessment of Article 6.4 mechanism methodologies'.*

## B.6. Activity emissions or removals

>>

*Provide credible methods for determining activity emissions or removals, based on up-to-date scientific information and reliable data.*

*Describe transparently the sources of data used, the assumptions made, the references used (including the application of technical performance standards) and the steps followed in the determining activity emissions or removals, including equations where necessary, ensuring that the calculated emission reductions are uniquely achieved by and attributable to the activity or CP.*

*Justify how options chosen, assumptions made and data used result in real, transparent, credible, accessible and conservative estimates of the activity emissions or removals.*

*If secondary data is used, justify how it is ensured that the source of data is appropriate and the data is conservative.*

*Where relevant and practicable, apply lifecycle approaches and emissions embodied in products and materials.*

## B.7. Leakage

### B.7.1. Identifying and addressing leakages

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*Explain how the provisions included in the methodology related to leakages ensure compliance with the requirements set in paragraph 82 to 87 of the 'Standard: Application of the requirements of Chapter V.B (Methodologies) for the development and assessment of Article 6.4 mechanism methodologies'.*

*In particular, indicate how the methodology identifies various potential sources of leakages and addresses them in accordance with the applicable provisions.*

>>

*For activities involving removals under the Article 6.4 mechanism, indicate whether additional requirements for specific types of removal activities are required, in accordance with paragraph 64 of the Standard: Requirements for activities involving removals under the Article 6.4 mechanism.*

### B.7.2. Estimation of emission leakages

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*For those leakages requiring the discounting of credited volumes, provide credible methods for estimating leakage emissions, based on up-to-date scientific information and reliable data.*

*Describe transparently the sources of data used, the assumptions made, the references used (including the application of technical performance standards) and the steps followed in the estimation leakage emissions, including equations where necessary, ensuring that the calculated emission reductions or removals are uniquely achieved by and attributable to the activity or CP. If multiple sources of data and parameters are available to set the leakage emissions, use the one that results in the most conservative leakage emissions.*

*Justify how options chosen, assumptions made and data used result in real, transparent, credible, accessible and conservative estimates of the leakage emissions.*

*If secondary data is used, justify how it is ensured that the source of data is appropriate, and the data is conservative.*

*Where relevant and practicable, apply lifecycle approaches and emissions embodied in products and materials.*

## B.8. Determination of emission reductions or net removals

>>



*On the basis of baseline emissions or removals, activity emissions or removals and applicable sources of leakages, provide an approach for calculating of emission reductions or removals by activities compared to the baseline*

>>

*For activities involving removals and emission reduction activities with reversal risks, the calculation of removals shall be in line with section 4.4 of the Standard: Requirements for activities involving removals under the Article 6.4 mechanism.*

## **B.9. Demonstration of additionality**

### **STEP 1. Demonstration of prior consideration**

>>

*Explain how to demonstrate prior consideration of the benefits of the mechanism for the activities or for the component project (CP) based on the requirements of the “Procedure: Activity Cycle Procedure for Projects” or on the “Procedure: Activity Cycle Procedure for Programme of Activities”, as applicable.*

### **STEP 2. Regulatory Analysis**

>>

*Explain how the methodology or tool demonstrates that the project or CP represent mitigation that exceeds any mitigation that is required by law or regulation unless the law or regulation refers to or formally integrates the mechanism as an instrument for implementation, based on the requirements of the ‘Standard: Application of the requirements of Chapter V.B (Methodologies) for the development and assessment of Article 6.4 mechanism methodologies’ and taking into account relevant circumstances (including national, regional, or local, social, economic, environmental and technological, based on robust data and verifiable information, and including the type of data and information that are necessary to meet these provisions).*

*A law or regulation applicable to the proposed activity that may require a certain technological, performance or management action shall be considered, noting that regulatory environments vary.*

### **STEP 3. Avoidance of locking-in the level of emissions**

>>

*Explain how the methodology or tool demonstrates that the project or CP avoids locking-in the levels of emissions, technologies or carbon-intensive practices incompatible with paragraph 33 of the RMP, including through an assessment of the scale, lifetime, and emissions intensity of the activity based on the requirements of the ‘Standard: Application of the requirements of Chapter V.B (Methodologies) for the development and assessment of Article 6.4 mechanism methodologies’.*

## **OPTION 1: FINANCIAL ADDITIONALITY AND COMMON PRACTICE ANALYSIS**

### **STEP 4. Financial additionality**

#### **Sub-step 4.1. Investment Analysis**

*Provide an assessment on whether the project is financially additional using an investment analysis. The analysis should in particular demonstrate that the proposed activity would not have occurred in the absence of the incentives from the mechanism through an investment analysis (default approach).*

#### **Sub-step 4.2. Barrier Analysis**

>>

*If the methodology also relies on a barrier analysis, provide an assessment of barriers to the implementation of the project or CP, such as financial and institutional barriers, first of its kind, taking into account all relevant*

*national policies, including legislation and current practices within the activity sector and geographic area including Indigenous Traditional Knowledge and customary laws.*

*To demonstrate additionality for their activity, through barrier analysis, activity participants shall: (i) Describe the barriers, including the reasons why investment analysis is not sufficient; and (ii) Evidence the barriers and how the mechanism will help overcome the barriers.*

#### **STEP 5. Common practice analysis**

>>

*Demonstrate that the measure or technology is not already widespread through an analysis of the extent to which the proposed project type (e.g. technology or practice) has already diffused in the relevant sector and region, taking into account similar social, economic, environmental and technological circumstances.*

### **OPTION 2: PERFORMANCE-BASED APPROACH**

#### **STEP 4. Performance-based approach**

>>

*Demonstrate the following, inter alia, that:*

- (a) The baseline approach(es) applied by the project or CP are from paragraph 36 (i) or (ii) of the RMPs;*
- (b) The technologies or practices applied in the activity outperform an ambitious threshold for emissions or emissions reductions, market penetration, or other unique characteristics, set at least at the level referred to in paragraph 36 (ii) of the RMPs.*

## **B.10. Methodologies principles**

### **B.10.1. Encouraging ambition over time**

>>

*Demonstrate how the methodology encourages ambition over time based on the requirements of the 'Standard: Application of the requirements of Chapter V.B (Methodologies) for the development and assessment of Article 6.4 mechanism methodologies'.*

### **B.10.2. Contributing to the equitable sharing of mitigation benefits between participating Parties**

>>

*Explain how the provisions included in the methodology for contributing to the equitable sharing of mitigation benefits between participating Parties ensure compliance with the requirements set in paragraph 31 to 33 of the 'Standard: Application of the requirements of Chapter V.B (Methodologies) for the development and assessment of Article 6.4 mechanism methodologies'.*

### **B.10.3. Aligning with the NDC of each participating Party, if applicable, its LT-LEDS, if it has submitted one, the long-term temperature goal of the Paris Agreement and the long-term goals of the Paris Agreement**

>>

*Explain how the methodology or methodological tool complies with paragraph 36 of the Standard 'Application of the requirements of Chapter V.B (Methodologies) for the development and assessment of Article 6.4 mechanism methodologies'.*

### **B.10.4. Encouraging broad participation**

>>

*Explain how the methodology or methodological tool complies with the requirements contained in paragraph 51 of the 'Standard: Application of the requirements of Chapter V.B (Methodologies) for the development and assessment of Article 6.4 mechanism methodologies':*

#### **B.10.5. Including data sources, accounting for uncertainty and monitoring**

>>

*Explain how the methodology or methodological tool complies with the requirements contained in paragraph 54 and 55 of the 'Standard: Application of the requirements of Chapter V.B (Methodologies) for the development and assessment of Article 6.4 mechanism methodologies':*

#### **B.10.6. Taking into account policies and measures and relevant circumstances**

>>

*Explain how the methodology or methodological tool complies with the requirements contained in paragraph 61 of the 'Standard: Application of the requirements of Chapter V.B (Methodologies) for the development and assessment of Article 6.4 mechanism methodologies':*

### **B.11. Reversals**

>>

*For methodologies applicable to activity types which include a risk of reversal, explain how the methodology complies with the provisions contained in the standard 'Requirements for activities involving removals under the Article 6.4 mechanism'*

### **B.12. Monitoring methodology**

#### **B.12.1. Data and parameters not monitored**

>>

*List all data/parameters which do not need to be monitored under the proposed methodology (or methodological tool).*

*(Copy this table for each piece of data or parameter)*

<b>Data/parameter</b>	>> Indicate here the name of the data/parameter as listed in the equations.
Description	>> Provide here a description of the data/parameter.
Data unit	>> Indicate here the unit(s) in which the data / parameter should be expressed.
Equations referred	>> Indicate in which equation(s) the parameter is used.
Purpose of data	<input type="checkbox"/> Baseline emissions / removals <input type="checkbox"/> Project emissions / removals <input type="checkbox"/> Leakage emissions Tick the applicable box(es).
Value(s) applied	>> <ul style="list-style-type: none"> <li>If applicable, provide the values of the parameter that will be applied for the entire crediting period and are set at the methodology level.</li> <li>Use one table to report multiple values referring to the same data or parameter.</li> <li>If necessary, include references to spreadsheets for additional data.</li> </ul>
Source of data	<input type="checkbox"/> Measured <input type="checkbox"/> Other sources

	<i>Tick the applicable box. 'Other sources' include official statistics, expert judgment, proprietary data, IPCC, commercial and scientific literature, etc.</i>
Choice of data or measurement methods and procedures	<p>&gt;&gt; If the parameter is 'Measured', explain the measurement methods and procedures (e.g. which standards have been used), indicate the responsible person/entity that undertook the measurement, the date of the measurement and the measurement results.</p> <p>If the parameter is from 'Other sources', indicate the source of the parameter and justify the choice of the data.</p>
Additional comments	>> If applicable, add here any specific comment (e.g. applicability)

### B.12.2. Data and parameters monitored

>>

List all data/parameters which need to be monitored under the proposed methodology or methodological tool, including data and parameters that are determined only once for the crediting period of the project activity but that will become available only after the implementation of the project activity.

(Copy this table for each piece of data or parameter)

<b>Data/parameter</b>	>> Indicate here the name of the data/parameter as listed in the equations.	
Description	>> Provide here a description of the data/parameter.	
Data unit	>> Indicate here the unit(s) in which the data / parameter should be expressed.	
Equations referred	>> Indicate in which equation(s) the parameter is used.	
Purpose of data	<input type="checkbox"/> Baseline emissions / removals <input type="checkbox"/> Project emissions / removals <input type="checkbox"/> Leakage emissions Tick the applicable box(es).	
Measurement methods and procedures	>> If specified at the methodological level, indicate here the measurement procedures.	
Entity/person responsible for the measurement	>> If specified at the methodological level, indicate who has the responsibility to ensure the monitoring of the parameter, e.g. the plant operator, the electric utility, an external laboratory, etc.	
Measuring instrument(s)	Type of instrument	>> If specified at the methodological level, indicate which type of instrument will be used for the monitoring (e.g. electricity-meter, weight-scale, gas analyser, etc) and whether it is certified to national or IEC standards.
	Accuracy class	>> If specified at the methodological level, indicate the exact or the minimum accuracy class of the measuring instrument.
	Calibration requirements	>> If specified at the methodological level, provide the following requirements regarding (1) calibration procedures and (2) the calibration frequency:  1. Calibration procedures: Indicate the calibration procedures to be applied. Specify the responsible person/entity who/that will perform the calibration and whether the person/entity is accredited.  2. Calibration frequency: If the applied methodologies, applied standardized baselines, other applied methodological regulatory documents or the Supervisory Body's guidance do not specify any requirements for calibration frequency for measuring equipment, follow these steps:

		<p><i>Ensure that the equipment is calibrated in accordance with the local/national standards or the manufacturer's specifications.</i></p> <p><i>If local/national standards or the manufacturer's specifications are not available, international standards may be used.</i></p>
	Location	<p><i>&gt;&gt; If specified at the methodological level, indicate the location of the measuring instrument, e.g. substation, main gas line, entrance of the anaerobic digester, etc.</i></p>
Measurement intervals	<p><i>&gt;&gt;</i></p> <p><i>If set at the methodological level, specify the measurement interval of the parameter.</i></p>	
QA/QC procedures	<p><i>&gt;&gt;</i></p> <p><i>If specified at the methodological level, explain the QA/QC procedures employed, e.g. any cross-checking with data from other sources if the measured data has high levels of uncertainty.</i></p> <p><i>Review the data collected, measures to prevent loss of data (backups), measures employed in case of erroneous reading, etc.</i></p>	
Additional comment	<p><i>&gt;&gt; Provide any additional comment to the monitoring of the parameter that is not covered above (e.g. applicability).</i></p>	

### B.12.3. Monitoring for activities involving removals and emission reduction activities with reversal risks

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*If applicable (for activities involving removals and emission reduction activities with reversal risks), explain how the monitoring methodology or methodological tool comply with section 4.1 as well as paragraph 21 of the standard: Requirements for activities involving removals under the Article 6.4 mechanism.*

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### Document information

Version	Date	Description
01.0	18 December 2024	Initial publication of form template.
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