

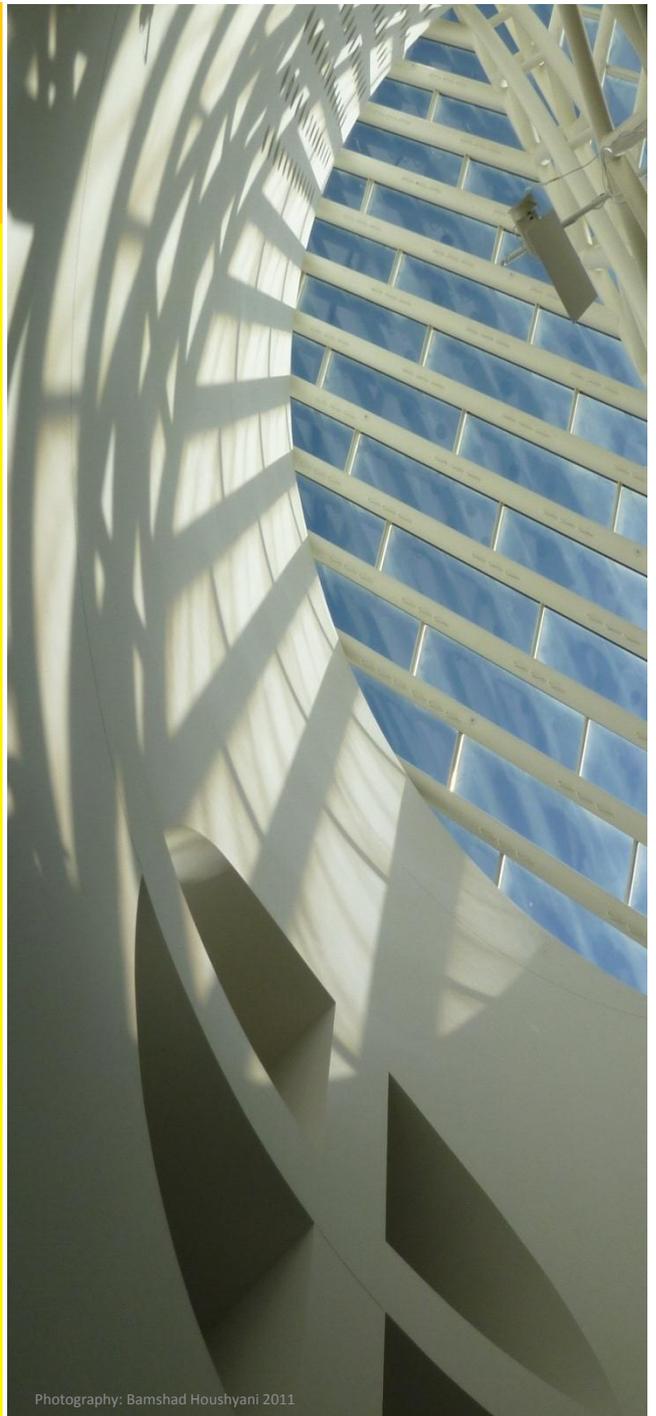


CLIMATEFOCUS

Handbook to  
standardised eligibility  
criteria for frequent  
types of Programmes  
of Activities

Part I: Background and Analysis

Part II: Blueprint Texts



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Handbook to standardised eligibility criteria  
for frequent types of Programmes of Activities

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Acknowledgments: Valuable comments were  
received from Martin Schroeder (KfW), Zsolt  
Lengyel (SQS), Jun Wang (Germanischer Lloyd  
Certification GmbH) and Luis Robles Olmos  
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Version 1.0

27 April 2012

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# Content

## Part I: Background and Analysis

|     |  |    |
|-----|--|----|
| 1   | Introduction to the Handbook                       | 1  |
| 2   | Developing Standardised Eligibility Criteria       | 3  |
| 2.1 | Approach   | 3  |
| 2.2 | Results from the general PoA pipeline assessment   | 5  |
| 2.3 | Results from the PoA specific pipeline assessment  | 8  |
| 2.4 | Methods to confirm eligibility on the CPA level    | 10 |
| 2.5 | Assessing the additionality of microscale projects | 11 |
| 2.6 | Eligibility criteria in the PoA standard           | 13 |

## Part II: Blueprint Texts

|      |  |     |
|------|--|-----|
| 3    | Blueprint Text: General Criteria                     | 20  |
| 3.1  | Blueprint text for the general criteria              | 20  |
| 3.2  | Blueprint text for microscale additionality criteria | 27  |
| 4    | Blueprint Text: PoA Type Specific Criteria           | 32  |
| 4.1  | AMS-I.D: Micro/small scale hydropower                | 33  |
| 4.2  | AMS-I.F: Micro/small scale hydropower                | 39  |
| 4.3  | AMS-II.C: Stoves (efficiency), Lighting              | 44  |
| 4.4  | AMS-II.G: Stoves (efficiency)                        | 49  |
| 4.5  | AMS-I.E: Stoves (fuel switch)                        | 52  |
| 4.6  | AMS-II.J: Lighting                                   | 55  |
| 4.7  | AMS-II.E: Building                                   | 60  |
| 4.8  | AMS-III.AE: Building                                 | 63  |
| 4.9  | AMS-I.C: Solar water heaters                         | 68  |
| 4.10 | AMS-I.J: Solar water heaters                         | 71  |
| 4.11 | AMS-III.D: Animal waste / methane avoidance          | 76  |
| 4.12 | AMS-III.R: Animal waste / methane avoidance          | 83  |
| 4.13 | ACM0001: Landfill / methane avoidance                | 87  |
| 4.14 | AMS-III.G: Landfill / methane avoidance              | 91  |
| 4.15 | AMS-III.H: Waste water / methane avoidance           | 95  |
| 4.16 | AMS-III.F: Composting / methane avoidance            | 103 |
|      | Annexes  | 109 |

# Part I: Background and Analysis



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# 1 Introduction to the Handbook

Programmes of Activities (PoAs) are gaining popularity under the Clean Development Mechanism (CDM) of the Kyoto Protocol, the world's main carbon credit scheme. PoAs bundle large numbers of replicable emission reduction activities, facilitated through separate registration of the emission reduction concept (or PoA) from the implementation of the actual activities or projects. Once the concept or umbrella is registered, CDM Project Activities (CPAs)<sup>1</sup> can be added or included in a shortened procedure (Figure 1).

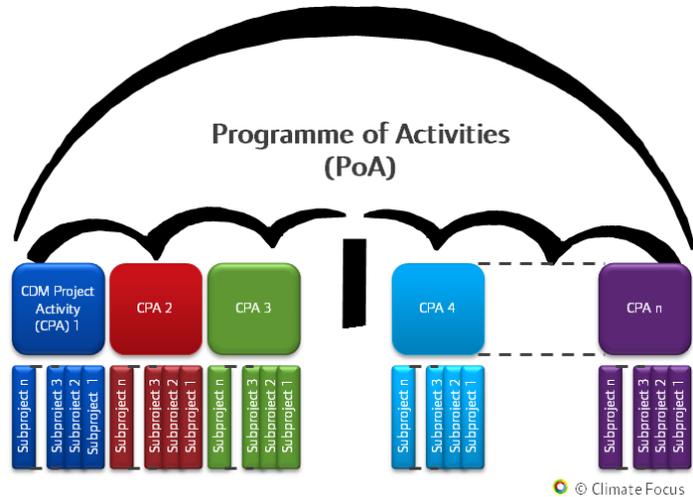


Figure 1: The structure of a PoA with its CPAs and subprojects.

The number of PoAs under development is growing. Further expansion of PoAs depends on the effectiveness of the process of adding CPAs to the programme, a process called inclusion. A key element of the inclusion process is testing the new projects or bundles of projects that are to be included in the PoA against pre-defined eligibility criteria. These criteria have been recently defined by a Standard published by the supervisory body of the CDM, the Executive Board, which lists the topics under which eligibility criteria need to be formulated. It leaves their precise formulation, however, to the discretion of the PoA developer.

The formulation of clear, and where possible, verifiable eligibility criteria are therefore vital to the success of a PoA. The objective of this Handbook is to help PoA developers with formulating eligibility criteria, taking into account that it must be possible for the eligibility criteria in a CPA to be checked by validators. To date PoA developers have formulated eligibility criteria in diverse ways. By harmonising the different approaches it will be easier to expand PoAs by enabling PoA developers to demonstrate compliance, and making it easier for validators (Designated Operational Entities or DOEs) to validate compliance. Harmonisation will also furthermore contribute to equal treatment of PoAs by different DOEs.

This Handbook provides PoA developers access to readymade blueprint texts and offers suggestions for how to demonstrate compliance of a CPA with the eligibility criteria. The first part of this Handbook provides background information and an analysis of the various approaches applied to formulating eligibility criteria across the most common PoA types. Blueprint text for the eligibility criteria are presented in the second half of the Handbook in a format which allows project developers to directly copy and paste the blueprints texts into PDDs. Throughout the Handbook, icons for each project type will guide the user to the blueprints that apply to the project at hand.

This Handbook presents both the blueprint texts as well as the analysis that has preceded the drafting of the blueprints. It includes an analysis of the PoA pipeline and the way project developers have defined eligibility criteria over the past years. In addition, the rationale behind the eligibility criteria set forth by the new PoA standard has been assessed to determine how these criteria can be best operationalised for different PoA types.

<sup>1</sup> Note that different definitions apply. In EB 65, Annex 05, a CPA is defined as Component Project Activity.



## 2 Developing Standardised Eligibility Criteria

This Handbook delivers a series of blueprint text modules covering eligibility criteria for the most commonly used PoA types, which can serve as a reference point for structuring project-specific eligibility criteria. To develop the text modules, a top down driven implementation of the guidelines put forth by the PoA standard was coupled with the practical insights gained from a bottom up assessment of the current PoA pipeline. This chapter introduces the approach taken to derive the blueprint text modules and presents the main findings of the bottom up and top down assessment.

### 2.1 Approach

The starting point of the development of the blueprint text modules is the assessment of the PoA standard<sup>2</sup>, which includes a list of eligibility criteria which PoA developers need to include in their PoAs. The criteria govern the assessment of the eligibility of all CPAs which are to be included in the PoAs and shape the top down approach. The top down approach is aimed at identifying the objective of each eligibility criteria to make sure that the blueprint texts are tailored towards the same objectives (figure 2).

In undertaking the top down approach, the twelve eligibility criteria from the PoA standard have been categorised into two groups. The first category covers the generic eligibility criteria which are similar across all PoA types and independent from the applied methodology. These include, amongst others, the establishment of the geographical boundary of the CPA, conditions to check the start date of the CPA, and conditions to provide affirmation that no Official Development Assistance (ODA) funding is diverted as a result of the CPA and the implementation of local stakeholder consultations and environment impact analysis. The second group is PoA type specific and covers eligibility criteria that require more elaboration and tailoring to the specific methodology in question, including the specifications of technology applied or conditions relating to the sampling requirement.

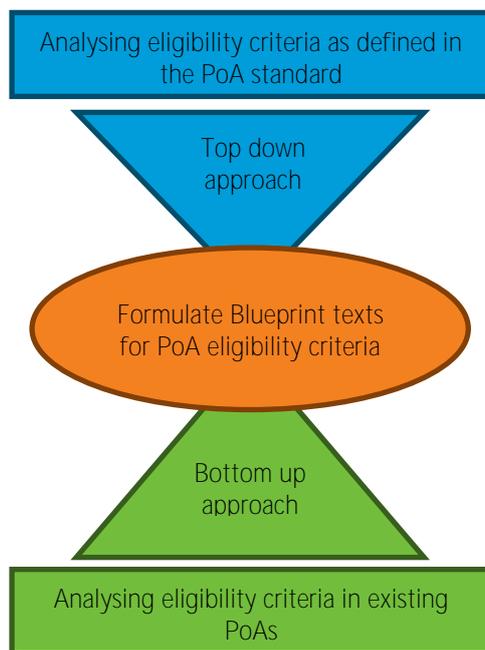


Figure 2: Analytic approach to drafting blueprint text for PoA eligibility criteria.

In addition to the requirements set forth by the PoA standard, there are important lessons to be learned from PoAs submitted to the UNFCCC to date. These have been taken into account when drafting eligibility criteria, and represent the bottom up approach. To understand best practices, an in-depth assessment of all relevant PoAs currently under development was conducted. The UNEP Risoe CDM pipeline<sup>3</sup> has been used to identify which PoAs are relevant

and use a methodology that lies within the scope of this analysis.

<sup>2</sup> EB 65, Annex 3 *Standard for demonstration of additionality, development of eligibility criteria and application of multiple methodologies for programme of activities (version 01.0)*

<sup>3</sup> Available at [www.cdmpipeline.org](http://www.cdmpipeline.org). 1 January 2012



From the 102 PoAs that were assessed, both the PoA-DD and the first CPA-DD were analysed to determine the way the eligibility criteria were applied. In addition, for the PoAs that used micro-scale additionality criteria we also assessed the way the additionality is demonstrated on CPA level. The assessment has focussed on the relevant sections of both the PoA-DDs and CPA-DDs<sup>4</sup>, looking at the following aspects:

1. The scope of the eligibility and micro-scale additionality criteria in comparison to the requirements set forth by the PoA standard has been assessed. A spread sheet tool was constructed compiling all the eligibility criteria covered by the respected PoAs and comparing them to the twelve eligibility criteria in the standard. This analysis provides insight into the types of eligibility criteria that have already been extensively applied by project developers, and highlights the gaps in terms of the criteria that have not been mentioned as frequently. A comparison across PoA types was conducted to identify trends.
2. The methods pursued in confirming eligibility on the CPA level were assessed to establish how project developers have indicated that the criteria for inclusion laid out in the PoA are met.
3. Third, the formulation of the eligibility- and micro-scale additionality criteria in the PDDs was screened to identify best practices.

The examined PoA types and covered methodologies are listed in Table 1. This list presents the most popular methodologies applicable to the PoA type, but is not exhaustive. Currently a total of 102 PoAs fall within the target scope of this analysis, which represents 50% of the total PoAs that were under validation or registered as of January 2012. Out of the 102 PoAs 14 used micro-scale additionality. To date, experience with micro-scale additionality is limited since the guidance on this topic is relatively new.

The icons for each project type in table 1 are used throughout the report to make it easy to see which criteria apply. Annex 1 contains definitions of each project type.

**Table 1: Overview of targeted PoA types and methodologies.**

| Icon  | PoA type                     | Methodology  |
|---|------------------------------|--|
|  | Micro/small scale hydropower | AMS I.D. Grid connected renewable electricity generation<br>AMS I.F. Renewable electricity generation for captive use and mini-grid                                    |
|  | Stoves (efficiency)          | AMS II.C. Demand-side energy efficiency activities for specific technologies.<br>AMS II.G. Energy efficiency measures in thermal applications of non-renewable biomass |
|  | Stoves (fuel switch)         | AMS I.E. Switch from non-renewable biomass for thermal applications by the user  |
|  | Lighting                     | AMS II.J. Demand-side activities for efficient lighting technologies<br>AMS II.C. Demand-side energy efficiency activities for specific technologies.                  |
|  | Buildings                    | AMS II.E. Energy efficiency and fuel switching measures for buildings<br>AMS III.AE. Energy efficiency and renewable energy measures in new residential buildings      |

<sup>4</sup> Sections A.4.2.2. and E.5.2. of the PoA-DD; section B.2. of the CPA-DD



| Icon  | PoA type                         | Methodology   |
|---|----------------------------------|---|
|  | Solar Water Heaters              | AMS I.C. Thermal energy production with or without electricity<br>AMS I.J. Solar water heating systems (SWH)  |
|  | Animal waste / methane avoidance | AMS III.D. Methane recovery in animal manure management systems<br>AMS.III.R. Methane recovery in agricultural activities at household/small farm level |
|  | Landfill / methane avoidance     | ACM0001. Flaring or use of landfill gas:<br>AMS III.G. Landfill Methane Recovery  |
|  | Waste water / methane avoidance  | AMS III.H. Methane recovery in wastewater treatment   |
|  | Composting / methane avoidance   | AMS III.F. Avoidance of methane emissions through composting  |

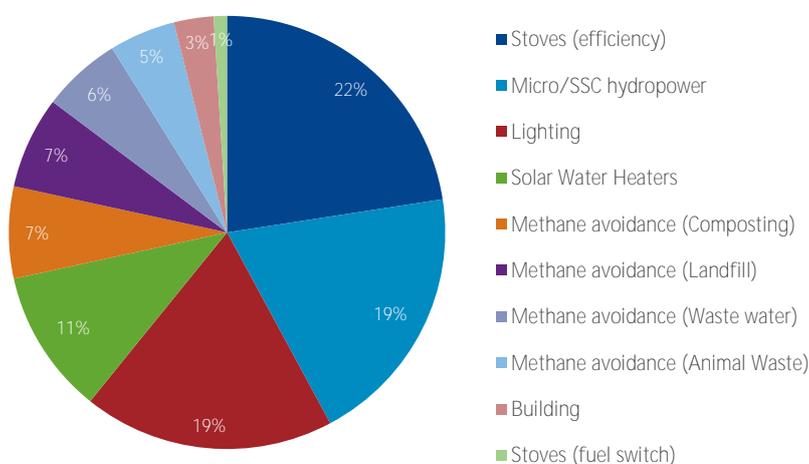
## 2.2 Results from the general PoA pipeline assessment

The findings gathered through the bottom up exercise provide important insight into how project developers have defined eligibility criteria to date and identification of the gaps compared to the top down guidelines put forth by the PoA standard. It was important to keep in mind the practical observations from the PoA pipeline analysis, ensuring that the presented blueprint text modules relate to on the ground practice and not only reflect the requirements of the standard. They must be manageable and practical to implement by project developers.

From a total of 204 PoAs in the pipeline as of 1<sup>st</sup> January 2012, 102 cover the targeted types outlined in Table 1. From these, 11 PoAs have been registered, with a further 91 at validation (Table 2). An earlier version of the standard for eligibility criteria was made available at EB 63 in September 2011, but only 29 assessed projects have begun validation after this time. As such, the majority of PoAs assessed have developed eligibility criteria on a case by case basis, often taking inspiration from the PoAs already published for validation. Figure 3 provides an overview of all selected PoAs and shows that the most common programme types are cook stoves, micro- and small-scale hydropower, efficient lighting and solar water heaters.



Figure 3: Distribution of total PoA types included (registered and at validation)



Source: Analysis based on the UNEP Risoe CDM pipeline, 1 January 2012

For the selected PoAs, a comparison was made between pipeline, the minimum eligibility criteria laid out in sections A.4.2.2 'Eligibility criteria for inclusion of a SSC-CPA in the PoA' of each PoA-DD and B.2 'Justification of the why the small-scale CPA is eligible to be included in the Registered PoA' of each CPA-DD and the list of standardised criteria laid out in EB 65, Annex 3<sup>5</sup>.

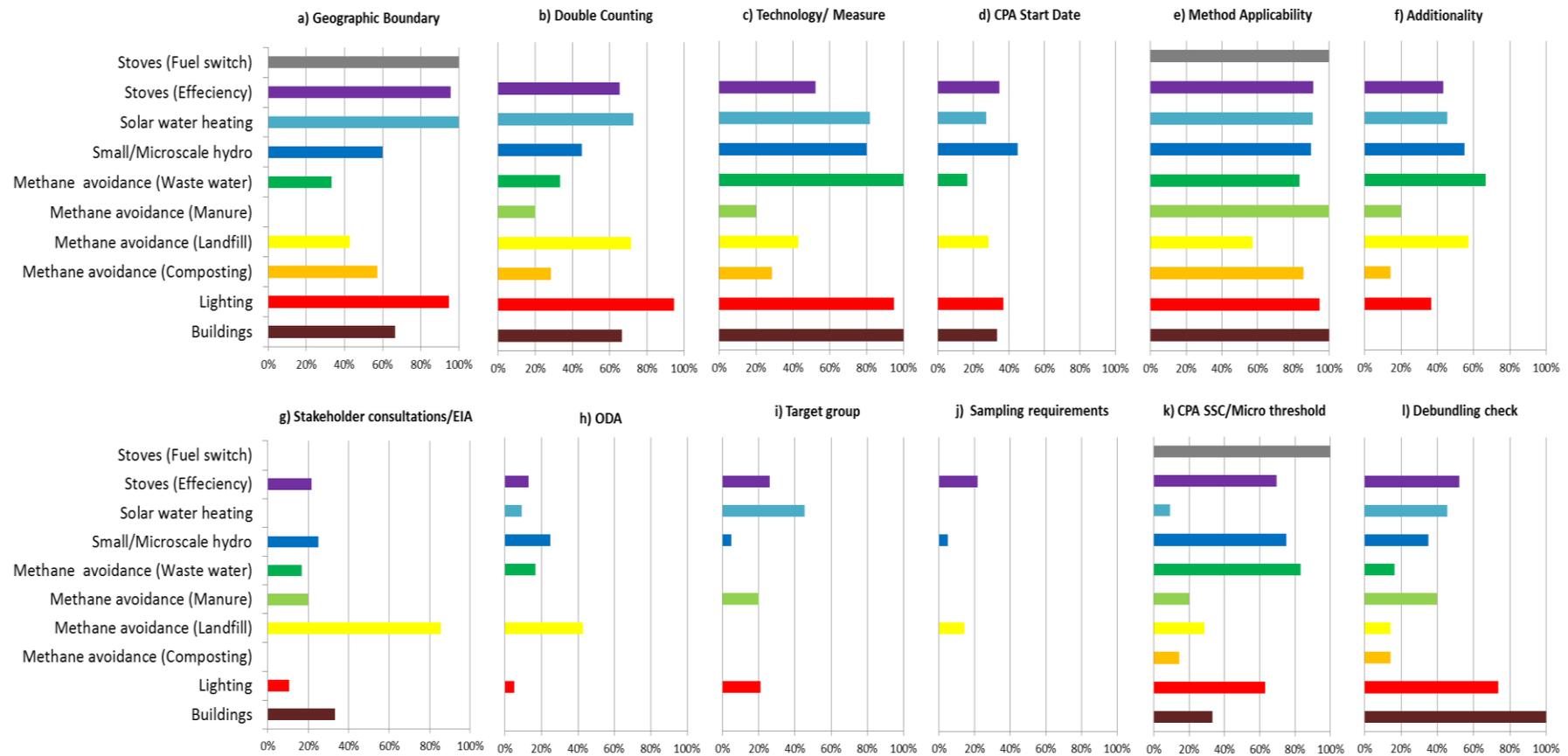
Table 2: Overview of PoA pipeline; selected project types applying single methodologies.<sup>6</sup>

| PoA type                         | Methodology  | Registered | At validation | Total/ methodology |
|----------------------------------|--------------|------------|---------------|--------------------|
| Micro/small scale hydropower     | AMS I.D.     | 1          | 19            | 20                 |
|                                  | AMS I.F.     | 0          | 0             | 0                  |
| Stoves (efficiency)              | AMS II.C.    | 0          | 1             | 1                  |
|                                  | AMS II.G.    | 2          | 20            | 22                 |
| Stoves (fuel switch)             | AMS I.E.     | 0          | 1             | 1                  |
| Lighting                         | AMS II.C.    | 2          | 6             | 8                  |
|                                  | AMS II.J.    | 2          | 9             | 11                 |
| Building                         | AMS II.E.    | 0          | 3             | 3                  |
|                                  | AMS III. AE. | 0          | 0             | 0                  |
| Solar Water Heaters              | AMS I.C.     | 2          | 7             | 9                  |
|                                  | AMS I.J.     | 0          | 2             | 2                  |
| Methane avoidance (Animal waste) | AMS III. D.  | 1          | 3             | 4                  |
|                                  | AMS III.R.   | 0          | 1             | 1                  |
| Methane avoidance (Landfill)     | ACM 001      | 0          | 6             | 6                  |
|                                  | AMS III.G.   | 0          | 1             | 1                  |
| Methane avoidance (Waste water)  | AMS III.H.   | 0          | 6             | 6                  |
| Methane avoidance (Composting)   | AMS III. F.  | 1          | 6             | 7                  |
| <b>Total</b>                     |              | <b>11</b>  | <b>91</b>     | <b>102</b>         |

<sup>5</sup> EB 65, Annex 3 *Standard for demonstration of additionality, development of eligibility criteria and application of multiple methodologies for Programme of Activities*, page 3 – 4.

<sup>6</sup> UNEP RISØ Centre, Energy Climate and Sustainable Development. CDM pipeline as per 1 January 2012. Available at: <http://cdmpipeline.org/>

Figure 4: Overview of the use of eligibility for different project types (registered and under validation).



Source: Analysis of the PDDs from the PoA types listed in Table 2



Figure 4 presents an overview of the eligibility criteria applied in all assessed PoAs. Reviewing the PoA-DDs showed that early pioneers of a methodology developed eligibility criteria which later users copied into their PoA-DDs. This means the example set by a pioneer, is copied by following PoAs: if the pioneering PoA includes detailed eligibility criteria, then subsequent PoAs applying the same methodology often apply a similar level of detail in eligibility criteria. This also works the other way round that an example with a low level of detail sets a standard for future PoAs.

The analysis shows that the most commonly applied eligibility criteria across all PoA types are those relating to:

- the geographic boundary;
- specification of the technology/measure applied and
- the conditions to ensure compliance with applicability of the methodology.

The latter criterion has been applied by almost all assessed PoAs, often including a detailed list of applicability criteria. The content of this list generally overlaps with **section E.2 ('Justification of the choice of the methodology and why it is applicable to a SSC-CPA') of the respective CPA-DDs**. This will be further discussed in the analysis of the Standard. Replication increases the risk of inconsistencies. Presenting the eligibility criteria with reference to the relevant section of the PoA-DD or CPA-DD for further details is an approach that mitigates this risk. The least commonly applied eligibility criteria were those relating to sampling requirements, confirmation that the PoA does not result in a diversion of ODA and any conditions relating to undertaking local stakeholder consultations and environmental impact analysis.

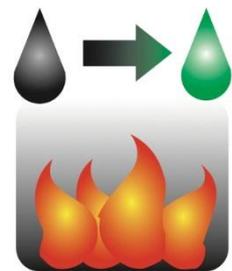
Most of the PoAs and CPAs assessed, have also detailed eligibility criteria that are not required by the PoA standard. As indicated in section 2.3 on PoA type specific findings, these typically included criteria relating to the transfer of emissions reductions rights to the CME, conditions to ensure that a CPA is validated by a DOE before inclusion in the PoA and legal/contractual issues for participation in the PoA.

## 2.3 Results from the PoA specific pipeline assessment

### Stoves (fuel switch)

One PoA is applying AMS-I.E for fuel-switch in cook stoves. The PoA covers 26 countries. The PoA-DD of this project only lists criteria relating to the geographic boundary, the applicability of the methodology and conditions to ensure that each CPA remains below the small scale threshold. The PoA-DD also mentions a criterion that is not listed in the eligibility criteria standard. This criterion requires that the CPA implementer should sign a contract with the CME covering:

- participation in the PoA,
- transfer the emission reduction rights to the CME,
- that CPA-DDs should be approved by the CME and submitted to a DOE in order to be incorporated into the PoA.



### Stoves (efficiency)

Of the 23 PoA-DDs reviewed under this project type, the most commonly applied criteria were those relating to the geographic boundary and the applicability of the methodology: more than 90 % of the PoA-DDs have applied these. It was also the only project type to apply, in aggregate, all eligibility criteria required in the standard; although no single PoA-DD is covering all the criteria. Many of the PoAs also detail criteria regarding the legal and contractual agreements for inclusion in the PoA including:

- that the CPA Implementer must sign a standard contractual agreement with the CME to participate in the PoA,
- that the emissions reductions rights should be transferred to the CME and
- that a CPA must be approved by the CME and validated by a DOE before it can be included.





The PoA-DDs show considerable variety as to how eligibility criteria are presented, with earlier PoA-DDs presenting as few as four criteria, whilst others, typically more recently developed, present detailed tables of criteria and means of verification for each.

### Solar water heating

Eligibility criteria applied in solar water heater PoAs focus on:

- defining the geographic boundary of the CPA,
- avoiding double counting,
- defining the technology/measure to be employed and
- ensuring the CPA meets the applicability requirements of the methodology.



Often criteria applied are presented in table format with considerable detail referencing supporting documentation and whether each of the criteria will be monitored. All PoA-DDs also provide considerable extra eligibility criteria with specifications on, for example accreditation of SWH installers, the need for users to provide personal identification and the need for a DOE to review the CPA before inclusion.

### Small/microscale hydro

The eligibility criteria for the 20 small/micro scale hydro PoAs reviewed are often rather extensive. Most of the PoA-DDs, apart from the older ones, detail long lists of eligibility criteria focusing primarily on:

- the technology/measure applied (whether this was a retrofit, a run-of-the river hydro power plant etc.),
- the applicability of the AMS-I.D methodology and
- a statement on the small/micro scale threshold under which the CPA must remain.



One PoA-DD detailed criteria related to the target group or any sampling requirements.

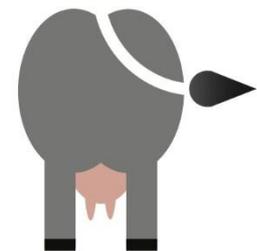
### Methane avoidance (waste water)

All 6 PoAs applying AMS-III.H included eligibility criteria regarding the technology/measure employed and 4 of them list detailed criteria for the demonstration of additionality of the CPA. No PoAs have included criteria regarding the target group or sampling requirements, which is unusual given that the AMS-III.H criteria require that monitored data are sampled at a 90/10 confidence/precision level. The target group however, is not defined in the methodology; it therefore follows that criteria relating to this would not be included. Most of the PoA-DDs present eligibility criteria in table format, allowing space in an adjacent column for elaboration as to how a CPA complies with the criterion in question.



### Methane avoidance (manure)

The eligibility criteria in the PoA-DDs assessed under this project type focus almost exclusively on meeting the applicability criteria of the methodologies applied (AMS-III.D and AMS.III.R.). No PoAs have presented criteria regarding the geographic boundary of the CPA, the CPA start date, diversion of ODA or any conditions relating to sampling requirements. This is unexpected given that criteria relating to the geographic boundary are otherwise quite common and that both methodologies make reference to sampling requirements.



### Methane avoidance (landfill)

The most commonly applied eligibility criteria in the PoAs assessed relate to stakeholder consultations and environmental impact assessments. This is quite extraordinary compared to other project types and may be explained by waste management and landfilling typically being highly regulated and having their own guidance on environmental impact analysis and stakeholder

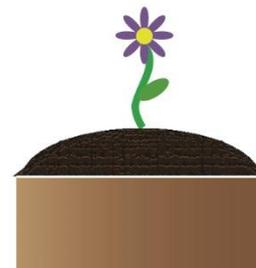




consultation. Criteria to avoid double counting are also common, with 5 out of 7 of the PoA-DDs including these. Many PoA-DDs also apply criteria relating to the landfill owner's ceding emissions rights to the CME, and the requirement for CPA implementers to first sign an agreement with the CME before participation in the PoA can be granted. Both criteria go beyond what is required in the PoA standard.

#### Methane avoidance (composting)

Most of the PoA-DDs focused on the applicability of the methodology AMS-III.F, one extensively so. No PoAs reviewed under this project type use eligibility criteria on the CPA start date, consultation of stakeholder and analysis of environmental impacts, the use of ODA, the target group or any sampling requirements.



#### Lighting

18 out of the 19 PoAs applying efficient lighting technologies apply criteria

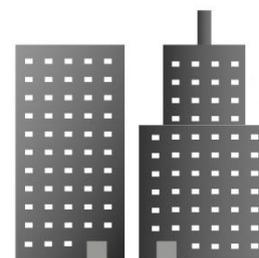
- ensuring the geographic boundary of the CPA is within that of the PoA;
- avoiding double counting
- requiring that the technology/measure employed in the CPA is specified.



Many of the PoA-DDs also use specific details to ensure that each lighting fixture installed meets certain quality criteria, probably as a result of the requirements for applying AMS-II.J, in which the compact fluorescent lamps (CFLs) installed, need to prove they are in accordance with relevant national or international standards. Po-DDs typically refer to the standards detailed in the AMS-II.J methodology, whilst leaving the option open to also use an equivalent national standard. Only one refers to a named national standard.

#### Buildings

A mere 3 PoAs in the field of buildings have entered the PoA pipeline as of January 2012, none of which are applying AMS-III.AE. All PoAs apply AMS-II.E and specify eligibility criteria stating the technology/measure employed conditions to ensure the applicability of the methodology and confirmation that the PoA is not a de-bundled component of another CDM project. None specifies criteria relating to additionality, the use of ODA, the target group or any sampling requirements, which are topics for which the PoA-DD template has dedicated sections.



## 2.4 Methods to confirm eligibility on the CPA level

Different approaches are applied to confirm compliance with eligibility criteria on the CPA level. Some PoAs require that a CPA simply copies and pastes bulleted text into a CPA, whilst others allow a more tailored approach per CPA.

The most commonly applied approach is to present a tick-box column in which CPA Implementers and/or the Coordinating/Managing Entity (CME) can **either simply 'check' a tick box**, or can **check a 'yes' or 'no'** to whether a CPA meets the specified criteria. Whilst appearing to be a straight-forward approach, some PoAs require that the CPA implementer answers **'yes' to some criteria whilst answering 'no' to others** without making it clear which answer is sought. This approach can easily create confusion.

In other cases CPA-DDs provide more detail and reference to evidence to confirm compliance to eligibility criteria. Such an approach is employed in a couple of programmes only. In most cases the CPA-DD includes a reference to a different section of the CPA-DD where a certain criteria are discussed in more detail. In other cases the CPA-DDs list references to supporting documentation which substantiate compliance with



an eligibility criterion. For example, to prove installations are within the geographic boundary of a host country reference to a map in the CPA-DD annex or to the CME's programme database is included.

References to supporting documentation are useful to enable DOEs to verify compliance with the eligibility criteria. Defining the pieces of evidence that can be used in the PoA-DD creates clarity for both the CME and the DOE.

Still, there is merit in clarifying in the PoA-DD which documents can be used to demonstrate compliance with the eligibility criteria. Some PoAs present eligibility criteria in table format, one column providing the eligibility criteria text and the other detailing a reference to supporting evidence. This format is clear and accessible and enables also DOEs to verify compliance. Examples of documents that can be used to demonstrate compliance can be listed in the PoA-DD.

There is potential for considerable overlap across the eligibility criteria defined in the standard. For example, a discussion of the quality criteria that an installation must meet would fit under different sections: e) *applicability... with the methodology* and c) *specification of the technology/measure, including... compliance with testing/certifications*. When drafting these criteria, overlap should be avoided. Another example lies in the size thresholds for a small-scale methodology, where compliance with the applicability criteria of the methodology overlaps with the criterion in the standard that states: k) *conditions to ensure that every CPA in aggregate meeting the small scale or micro scale threshold criteria*.

**Table 3: Observations on the way eligibility is confirmed on CPA level.**

| Observations  | Assessment and lessons learned  |
|---|---|
| <p>Eligibility criteria allow for CPAs to reply either a 'yes' or a 'no' to whether the CPA fulfils the criteria.</p>   | <p>Indicating fulfilment of eligibility through simple 'yes/no' phrasing creates confusion if users are to provide both positive and negative responses. If all responses are to be positive, it is simpler to provide a tick-box. Those criteria seeking a negative response should be re-phrased.</p>   |
| <p>Some PoA-DDs make reference to supporting evidence or sections in the PoA-DD/CPA-DD in which more substantiating text is provided.</p>   | <p>Cross referencing allows criteria to be easily verifiable, as required by EB 65 Annex 3. This directs CPAs to that documentation which should be considered important for validation purposes.</p>   |
| <p>PoA-DDs list only some of the relevant criteria from EB 65 Annex 3, with criteria typically focusing on the applicability of the methodology and the conditions therein.</p>   | <p>Current practice of only focusing on a number of key eligibility criteria overlooks important inclusion criteria, increasing the risk of an erroneous inclusion of a CPA into a PoA. All eligibility criteria should be covered to minimise risk.</p>  |
| <p>The majority of PoA-DDs detail eligibility criteria not required in EB 65 Annex 3, typically focusing on legal and procedural criteria including the transfer of emissions reductions rights to the CME, and the need for a CPA to be validated by a DOE and approved by the CME prior to inclusion.</p> | <p>Certain featured eligibility criteria are not required under the standard. For instance, there is no need for a DOE to "validate" a CPA. The inclusion process does require checking by the DOE but this is not a validation process. However, including this in the eligibility criteria is redundant as this is already specified in the PoA procedures. Conditions relating to the transfer of emissions rights are also only necessary if the contractual agreement made with the CME does not already state this as a requirement for inclusion in the PoA.</p> |

## 2.5 Assessing the additionality of microscale projects

The Standard includes an eligibility criterion on the demonstration of additionality. The application of microscale additionality was assessed in detail in this study as the development of standardised indicators



for meeting additionality follow a similar logic as the development of eligibility criteria, even though they are discussed in different sections of the PoA-DD and CPA-DD.

The first version of Guidelines for Demonstrating Additionality of microscale PoAs was presented during the 54<sup>th</sup> meeting of the CDM Executive Board (EB 54) in late May 2010. The latest version of the guidelines features improved procedures and was published after EB63 in September 2011.<sup>7</sup> This version has introduced guidelines for standard additionality of microscale projects. Since these guidelines are relatively new, most of the examined PoA-DDs have used small-scale additionality guidance only and have not had the opportunity to benefit from the microscale additionality guidance. Only 14 PoAs out of the 102 examined are using of microscale additionality. The low incidence of references to microscale additionality is partly due to the fact that guidance on its applicability was released only recently. This is expected to change as the number of PoAs under development grows.

The guidelines for the application of microscale additionality specify that certain microscale projects are additional per definition. The additionality criteria for different project types (i.e. renewable energy/energy efficiency/other project types) vary. For example, energy efficiency projects can apply microscale additionality if they meet any one of the following two conditions:

- they are located in a Least Developed Country (LDC) or a Small Island Developing State (SIDS), or in a special underdeveloped zone of the host country identified by the Government before 28 May 2010;
- each subsystem is below a certain size threshold and the end users are households/communities/SMEs.

All PoA-DDs assessed have chosen to keep the definition of criteria as open as possible. PoA-DDs define that a CPA can be located in a least developed country or **target a specified user group**. This 'open' approach allows for the wider inclusion of future CPAs.

The project types that are applying microscale additionality are listed in table 4.

**Table 4: Number of PoAs applying microscale additionality in our assessment, per project type**

| Project type            | Number of PoAs |
|-------------------------|----------------|
| Stoves (fuel switch)    | 1              |
| Stoves (efficiency)     | 3              |
| Solar water heating     | 1              |
| Small/micro scale hydro | 8              |
| Buildings               | 1              |
| <b>Total</b>            | <b>13</b>      |

*Source: Analysis of the PDDs from PoA types listed in Table 2*

Observations on microscale additionality are presented in table 5.

**Table 5: Main observations and consequences of the approach followed for microscale additionality criteria of the PoA-DDs analysed.**

| Observations   | Assessment and lessons learned   |
|--|--|
| Some PoA-DDs present the criteria for microscale additionality not in the corresponding section (E.5.2) but in the section for eligibility criteria for inclusion of a CPA in the PoA (A.4.2.2). In one case, the same information was presented in both sections. | Repetition of the microscale additionality criteria in numerous sections of the PoA-DD creates a risk of ambivalence in case these sections are inconsistent. However, a degree of repetition is required given the structure of the PoA-DD, and overlap between sections (for |

<sup>7</sup> Guidelines for demonstrating additionality of microscale project activities, EB 63 report, Annex 23. Available at: [http://cdm.unfccc.int/Reference/Guidclarif/ssc/methSSC\\_guid22.pdf](http://cdm.unfccc.int/Reference/Guidclarif/ssc/methSSC_guid22.pdf)



Some PoA-DDs make reference to the microscale guidance, without specifying the details therein.

Some PoA-DDs list only a few of the criteria that apply to the demonstration of microscale additionality. Other relevant criteria are overlooked.

In one PoA-DD the small scale size threshold capacity was applied instead of the microscale additionality size threshold

instance E.5.1 and E.5.2) is inherent.

Referring to the microscale guidance alone provides little substantiation for the demonstration of additionality. To avoid possible confusion and ensure that the criteria to be applied are clear, all relevant information should be presented briefly in the PoA-DD rather than referring to the guidelines.

All microscale additionality criteria should be listed in the PoA-DD.

Confusion of size thresholds for small-scale and microscale CPAs should be avoided. If a CPA goes beyond the threshold limits set for microscale additionality, it will no longer be eligible to apply this guideline.

## 2.6 Eligibility criteria in the PoA standard

This section gives an overview of the guidance on the “**Development and update of eligibility criteria**” in the PoA Standard and compares them with the CDM Modalities and procedures. This comparison aims at identifying the objective of each eligibility criteria, to ensure that the blueprints are tailored towards that objective.

The general objective of the eligibility criteria is to provide for a quick check whether a new CPA meets all criteria of the CDM and the registered PoA. The eligibility criteria should have their fundamentals in the basic principles or requirements of the CDM. These basic principles can be found in the Modalities and procedures for of the CDM<sup>8</sup> and the definition of the PoA concept from the CMP in Montreal.<sup>9</sup> Combining both gives the following list of criteria for the CPAs in a PoA, which should:

- not be a local/regional/national policy or standard,
- use approved baseline and monitoring methodologies,
- define the appropriate boundary,
- avoid double-counting
- account for leakage,
- ensure that the emission reductions are real, measurable and verifiable,
- ensure that the emission reductions are additional to any that would occur in the absence of the project activity.

The different eligibility criteria in the PoA Standard all refer to these or other requirements under the CDM. However, the CPA-DD template already covers many of these requirements. As a result, many eligibility criteria in the PoA standard replicate aspects which are already addressed in a different section of the CPA-DD template.<sup>10</sup> In these cases the eligibility criteria can include a tick box and refer to a relevant section of the CPA-DD for further evidence or detail.

The Standard includes an eligibility criterion on the demonstration of additionality. For most PoAs, the subprojects may qualify as a “**microscale activity**” because of their size. Therefore the comparison includes the Guidelines for demonstrating additionality of microscale project activities (Version 03).

<sup>8</sup> Decision 3/CMP.1, Modalities and procedures for a clean development mechanism as defined in Article 12 of the Kyoto Protocol.

<sup>9</sup> Paragraph 20 of Decision 7/CMP.1.

<sup>10</sup> Small-scale CDM Programme Activity Design Document Form (CDM-SSC-CPA-DD) - Version 01.



**Geographical boundary.** In this eligibility criterion it should be demonstrated that all units are within the geographical boundaries of the country that issued an approval for the PoA. The origin of this criterion lies in the host country approval procedures described in the CDM Modalities and Procedures.

A PoA can expand over time through the inclusion of new CPAs. For every new CPA it is important that all units or mitigation activities listed in the CPA are within the geographical boundaries of the countries that approved the PoA.<sup>11</sup> This approval is part of the CDM Modalities and Procedures which require:

- written approval of voluntary participation from the designated national authority of each Party involved,
- confirmation from the host party that the project activity assists it in achieving sustainable development.

**Conditions that avoid double counting.** Double counting of emission reductions should be avoided to ensure that emission reductions are real. With PoAs that expand over time and explore the replication potential of a certain measure, the risk of double counting is larger than with stand-alone CDM projects.

Double counting can occur, in two ways.

1. The first is that if a single unit is listed more than once in the a CPA, different CPAs under one PoA or different CPAs in different PoAs, This is addressed by this eligibility criteria and by requiring a unique identification of the product, end-user locations and/or time divide between CPAs (e.g. different years of installation per CPA).
2. The second is that two units have overlapping baselines, e.g. a situation where two biomass facilities claim to source renewable biomass from the same source. This kind of double counting is addressed in the CDM methodologies.

The eligibility criterion in the PoA standard **proposes to use “unique identification of product and end-user locations” as a way to avoid double counting.** This addresses the first way of double counting.

The second way, in case of overlapping baselines, is discussed in the CDM Modalities and Procedures in the context of afforestation, reforestation projects and for PoAs and in some methodologies containing provisions for the avoidance of double counting if the methodology is applied to a PoA. An example is methodology AMS-I.E. for the replacement of non-renewable biomass. In this methodology the baseline of PoAs needs to be corrected for non-renewable biomass that is already being replaced by other CDM projects.

When applying the eligibility criterion for the avoidance of double counting, the first way of double counting is referred to. The second way is covered by the applicability criteria or requirements of the methodology applied.

**Specifications of technology/measure.** This is the only eligibility criterion in the PoA standard which is not formulated as a criterion. The criteria consist of two parts:

- “The specifications of technology/measure including the level and type of service, performance specifications,
- **including compliance with testing/certifications;”**

Since this one is not formulated as a criterion, its objective is less clear than it is for the other criteria. The assessment of various PoA-DDs revealed that a common understanding of this criterion among project developers is that it requires that the technology and measures taken are clearly described in the CPA-DD

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<sup>11</sup> Paragraph 40 of Decision 3/CMP.1



and in line with the technology definition in the PoA-DD. The technical design of the CPA is described in part A.4. of the CDM-SSC-CPA-DD.

Compliance with testing/certifications is introduced as a new requirement for CPAs under a PoA. Referring to a certain certification of the technology can provide an objective criterion to define the technology under a PoA. Showing compliance of a CPA with a testing or certification standard is sometimes difficult. In some cases, in particular for new and innovative technologies, testing procedures may not be available. For example, until recently there were testing procedures for flat plate collectors in India but not for technically more advanced Evacuated Tube Collectors.

In addition, the duration of a PoA may extend to 28 years. It is not unlikely that the technology used to deliver a certain service under the PoA will change in such a long period of time. Project developers should therefore define the technology or measure in the PoA-DD in a way that allows for further development and improvement of the technology without compromising compliance of future CPAs with this criterion.

**Start date of a CPA.** The start date of a CPA can not be before the start of validation of the PoA in which it is or will be included. In addition, the crediting period with the start date defines the date until which the CPA can generate CERs. The start date of a CPA is defined as the earliest date at which either the implementation or construction or real action of a programme activity begins.<sup>12</sup> The start of validation is defined as the date on which the PoA-DD is “first published for global stakeholder consultation.” **That date** can be found on the page of the UNFCCC web-site through which the project was published.<sup>13</sup>

The CPA-DD form mentions the start date of a CPA in section A.4.2.1. To confirm compliance with this criterion, this date should be compared with the date at which the PoA is first published for global stakeholder consultation. This date can be found on the web-site through which the project documents were published for the consultation.

**Compliance with methodologies.** Methodologies apply to specific project types or measures. These are defined in the applicability criteria. If the CPA includes technologies or measures which are not covered by the methodology, there are risks of over- or underestimation of the emission reductions or overlooking potential leakage. Verifying compliance of each CPA with the methodologies applied mitigates that risk.

Methodologies differ per project type. The scope of this Handbook covers 10 project types to which 16 methodologies can apply. For the blueprint texts the applicability criteria will differ for all 16 methodologies.

**Demonstration of additionality.** The additionality of PoAs is defined as “**Additionality shall be demonstrated by establishing that in the absence of CDM, none of the implemented CPAs would occur.**”<sup>14</sup> For CPAs with one or more small-scale project activities eligibility criteria can be used to confirm additionality on CPA level without having to repeat the full additionality testing that is required for stand-alone CDM projects. This is addressed in section B.3. of the CPA-DD, which asks for an assessment of additionality of the CPA along criteria defined in the PoA-DD.

For the project types which employ small units like the cook stoves, solar water heaters, lighting, buildings and household level animal waste systems, micro-scale additionality criteria may apply. The guidelines for microscale additionality<sup>15</sup> distinguish between project activities using renewable energy, energy efficiency, or “other” project types. Table 6 shows how these project types apply to the project types examined.

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<sup>12</sup> Glossary of CDM terms (Version 05), page 28.

<sup>13</sup> Glossary of CDM terms (Version 05), page 28.

<sup>14</sup> EB 65, Annex 3, paragraph 7.

<sup>15</sup> EB 60, Annex 25.



**Stakeholder consultations and EIAs.** The CME may require the consultation of stakeholders and/or implementation of an EIA for each CPA individually or for all CPAs in general (on PoA level). To minimise transaction costs implementing the stakeholder consultation and EIA on the level of the PoA is recommended. Still, assessments on the CPA level are sometimes needed when required by international standards (for example, the CDM Gold Standard) or host country legislation. If the CME opts for CPA level stakeholder consultation and/or EIA this eligibility criterion provide a check that they are indeed implemented on CPA level.

This criterion has overlap with sections C and D of the CPA-DD form. The EIA is discussed in section C of the CPA-DD and the stakeholder consultation in section D, both with a tick-box. If the stakeholder consultations or EIA have to be conducted on PoA level, this should be indicated and further information provided. As a result, in the discussion of how a certain CPA meets this eligibility criterion, a reference to section C and D will suffice for all types of PoAs.

**ODA diversion.** If a CDM project is funded by an Annex 1 party, this funding could lead to a diversion of ODA. The eligibility criterion requires confirmation that such diversion does not take place. It aims at ensuring that CDM funding remains additional to ODA funds and is not counted towards ODA obligations of the Annex 1 party where the recipient of the Certified Emission Reductions (CERs) is located.<sup>16</sup> This is a requirement in the CDM Modalities and Procedures but has lost relevance for OECD member states after a decision by the OECD DAC who stated that “The DAC should agree that the value of any CERs received in connection with an ODA financed CDM project should lead to a deduction of the equivalent value from ODA. The DAC should also rule out the possibility of counting as ODA funds used to purchase CERs.”<sup>17</sup>

As a consequence, OECD member states that are part of Annex 1 of the UNFCCC need to deduct the value of CERs purchased from their ODA reporting if the CERs are purchased by an Annex 1 country government from a project that received ODA from that same country. **If that is not the case there is no “diversion of ODA”.** Also this element is already addressed in different sections of the CDM-SSC-CPA-DD, Section A.4.5. and Annex 2. Therefore, further elaboration is not needed in the eligibility criteria but a tick-box will suffice with reference to the relevant sections.

Interestingly, the eligibility criteria in the PoA Standard refer to “affirmation that funding from Annex 1 parties, if any, does not result in a diversion of official development assistance”. This language is different from the guidance provided in the CDM Project Standard,<sup>18</sup> which refers to the same concept but expands on it by referring to an affirmation that funding “is separate from and it not counted towards the financial obligations of those Parties”. In this Handbook we relied on the language in the PoA Standard.

**Target group (where applicable).** Some methodologies and some CDM guidelines apply only to project activities implemented at a certain target group. An example is the Standard for Microscale additionality which refers to “households/communities/small and medium enterprises (SMEs).”<sup>19</sup> For projects where these methodologies or CDM guidance are applied the target group can be confirmed on CPA level in the eligibility criteria.

For all project types examined, if there is a target group defined, this is specified in the methodology<sup>20</sup> which is already addressed in the eligibility criteria on “Compliance with methodologies”. Similarly, compliance with target groups defined under the microscale guidelines is already addressed under as different eligibility criteria as well which covers the demonstration of additionality. As a result, the eligibility

<sup>16</sup> Appendix B of Decision 3/CMP.1, paragraph 2 (f).

<sup>17</sup> OECD, 2004. DAC/CHAIR(2004)4/FINAL: ODA eligibility issues for expenditures under the clean development mechanism (CDM), available at: <http://www.oecd.org/dataoecd/12/47/33657913.pdf>

<sup>18</sup> Source provisions of the Clean Development Mechanism Project Standard, (Version 01.0), page 9.

<sup>19</sup> EB 63, Annex 23, paragraph 2(c)(ii)

<sup>20</sup> This is the case for example with the methodology “AMS-I.I I.I. Biogas/biomass thermal applications for households/small users” which in paragraph 1 refers to “residential, commercial, institutional applications”.



criterion on the target groups can suffice with a tick box and reference to a different section of the CPA-DD or a different eligibility criterion.

**Sampling requirements (where applicable).** Some PoAs have numbers of units which no longer allow for the monitoring of parameters on for all units. These PoAs need to include a sampling plan in their CPA-DDs and the Standard for Sampling and Surveys<sup>21</sup> provides “reliability requirements and describes appropriate sampling methods and what is expected to be provided in a sampling plan.” This eligibility requirement aims at confirming that the sampling plan indeed complies with the Standard.

Some methodologies provide specific guidance for sampling and/or surveys. These should be complied with if they are more accurate or conservative than the Standard for Sampling and Surveys.<sup>22</sup> That makes the eligibility criteria for sampling project or methodology specific.

If a PoA makes use of sampling and/or surveys, it can choose to have different sampling plans per CPA or have a single sampling plan for a group of CPAs. Having single sampling plans for different CPAs is generally not allowed for PoAs that apply a large scale methodology.

This eligibility criterion should be drafted to confirm that the sampling requirements are met without repeating all elements of the sampling plan described as part of the monitoring plan in section B.6.1. of the CPA-DD.

**Small-scale or microscale threshold.** The (simplified) requirements and procedures for small-scale and microscale projects can only be applied to CPAs whose aggregated size remains below the small and microscale size threshold. The applicability of this guidance or these methodologies should be confirmed on CPA level.

There is no dedicated section of the CPA-DD to demonstrate compliance with the threshold size of the methodology. The demonstration that the aggregated size of all units in a CPA is below a certain limit, needs a calculation. Therefore this eligibility criterion can include a tick box with reference to (a calculation in) the CPA database or the spread sheets with the calculation of the emission reductions.

**Debundling check.** It is not allowed to fragment a large CDM project to bring the size of its components below the small or microscale threshold. This aspect of CPAs is addressed in section A.4.6. “Information to confirm that the proposed small-scale CPA is not a de-bundled component.”

Debundling can only occur on CPA level if:

- there is already a registered CDM activity (registered CDM projects or small scale CPAs registered or submitted for registration) in the same geographical area (or host country/region),
- which use the same methodology as the proposed CPA,
- which has the same activity implementer as the proposed small scale CPA or has a coordinating or managing entity, which also manages a large scale PoA of the same sectoral scope, and;
- with project units within 1 km of proposed small-scale CPA, at the closest point.<sup>23</sup>

However, PoAs often consist of many small units. These are exempted from the debundling check if:

- each unit in the CPA is no greater than 1% of the small scale thresholds defined by the applied methodology,
- each unit is implemented at or in multiple locations (e.g., installed at or in multiple homes).<sup>24</sup>

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<sup>21</sup> EB 65, Annex 2, Standard for sampling and surveys for CDM project activities and Programme of Activities (Version 02.0).

<sup>22</sup> EB 65, Annex 2, paragraph 13.

<sup>23</sup> CDM-SSC-CPA-DD form, Version 01.



The latter typically applies to most PoAs, with some exceptions. In either case the eligibility criteria can refer to section A.4.6. of the CPA-DD which contains the detailed arguments on the occurrence of debundling or the exemption from debundling check.

To conclude, many of the eligibility criteria refer to evidence or topics that are already discussed in a different section of the PoA-DD and/or CPA-DD. In these cases the eligibility criteria can suffice with a tick box to confirm compliance and reference to the relevant section of the PoA-DD and the CPA-DD. Only two criteria, notably the one on the Specifications of technology/measure and the one on the ODA diversion, provide some room for interpretation. The first since it is not clearly formulated as a requirement and the second because the ODA diversion issue listed in the PoA Standard is different from the formulation in the CDM Project Standard.

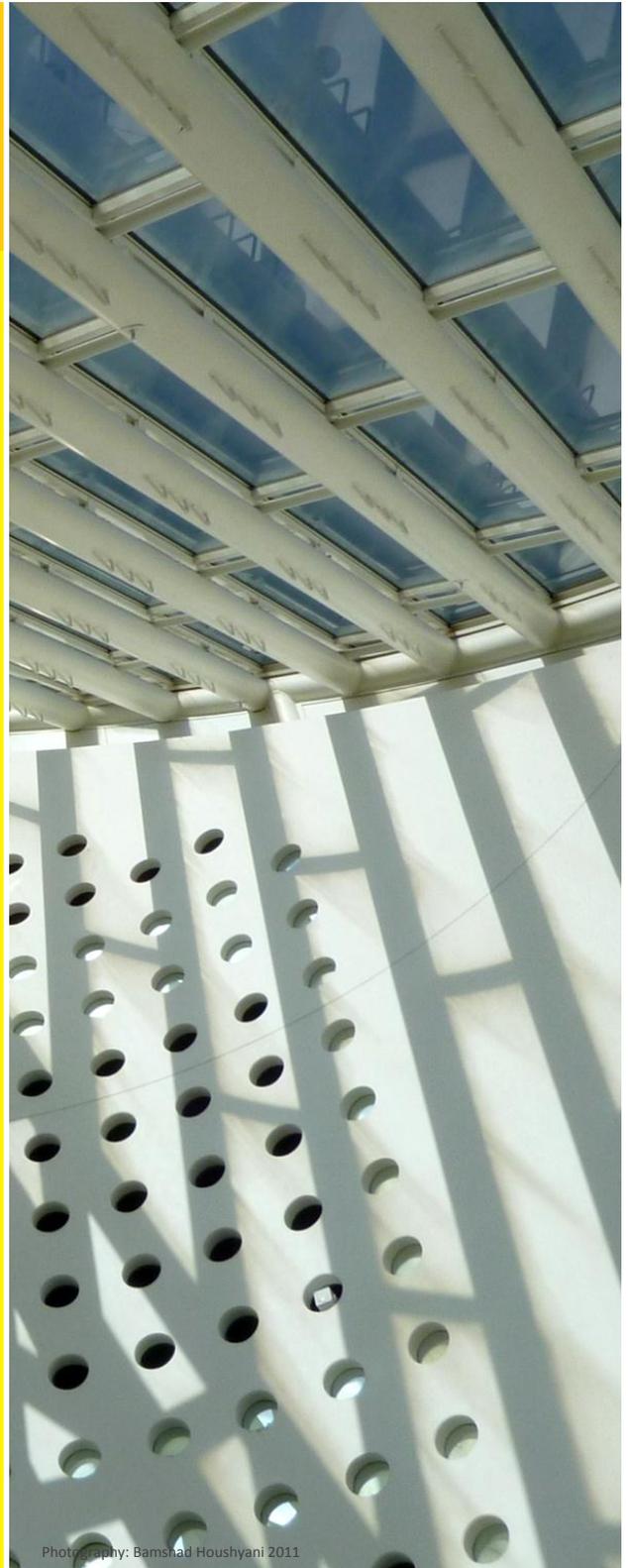
Finally, a PoA developer should bear in mind that there are topics beyond the eligibility criteria which a CPA should comply with or which should be implemented on CPA level. These items generally refer to very specific cases or situations, which may make them less suitable for the eligibility criteria. Examples include:

- If a PoA applies Tools in addition to methodologies a CME should ensure compliance of CPAs with the Tools applied in the CPA-DD. Eligibility criteria (e) refers **only to** “compliance with applicability and other requirements of single or multiple methodologies”.
- If the methodology applied to a CPA is revised or replaced after being put on hold, the PoA-DD, generic CPA-DD and subsequently the CPA-DD may have to be updated. CPAs that were already included after the methodology was put on hold shall apply the new version of the generic CPA-DD upon renewal of the crediting period.
- Upon renewal of the crediting period, the latest revised applicable methodology shall be applied.
- The PoA standard refers to a management system that refers to several checks on CPA level in addition to applying eligibility criteria.

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<sup>24</sup> For the exact language, please refer to EB Meeting report 54, Annex 13, paragraph 7.

## Part II: Blueprint Texts



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## 3 Blueprint Text: General Criteria

The Standard lists twelve eligibility criteria which can be divided in general criteria that apply to all project types in a similar manner and PoA type specific criteria. Furthermore, microscale additionality criteria are also distinguished as these are not PoA type specific but apply the project type. Blueprint text for the PoA-DDs will be provided in tables while the considerations behind the blueprint text are presented in a different section.

The blueprint eligibility criteria text presented under both the general and specific criteria are the result of best practices applied across the PoA pipeline, coupled with the PoA standard<sup>25</sup> and experience with CDM project development. The criteria therefore apply the following approaches:

- Reference to substantiating evidence or sections in the PoA-DD/CPA-DD is provided alongside eligibility criteria to enable quick verification and direct the CPA Implementer (CPAI) to important project documentation
- The text of the PoA standard is presented to ensure no required criteria is overlooked
- The text of the eligibility criteria is kept general to allow maximum flexibility for the inclusion of future CPAs
- Only eligibility criteria required by the PoA standard are included as other sections of the PoA-DD and/or CPA-DD address other relevant issues within the CDM, avoiding unnecessary work for both the CPAI and DOE
- CPA users are able to respond only positively to fulfilling criteria by completing a tick box, thereby ensuring the fulfilment of criteria in simple, straightforward manner and reducing the risk of errors.

### 3.1 Blueprint text for the general criteria

The general criteria relate to the geographical boundaries of a PoA, avoiding double counting, start date, additionality and ODA diversion. Table 1 provides an overview of the blueprint text. Project developers can copy-paste the texts into the PoA-DD.

The table provides a reference to the letter of the eligibility criteria from the PoA Standard in the first column<sup>26</sup>, and repeats the eligibility criteria text in the second column. The third column explains when certain eligibility criteria apply. The fourth column lists the blueprint text which can be copy-pasted into the PoA-DD. When doing so, make sure footnotes are copied as well. The italic text between brackets in the blueprints refers to items that need to be filled out by the project developer, for example to describe the technology applied or mention the host country/region in which the project is situated. The fifth column provides a suggestion for language to use in the CPA-DD. In most cases this is limited to a tick box which indicates whether the criterion is met for this particular CPA-DD. For some criteria also a list of documents has been provided which can act as evidence to substantiate the claim that the criterion is met. If documented evidence will not change during the

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<sup>25</sup> EB 65, Annex 3 *Standard for demonstration of additionality, development of eligibility criteria and application of multiple methodologies for programme of activities (version 01.0)*

<sup>26</sup> EB65, Annex 3.



duration of the PoA, this can even be specified in the PoA-DD. The advantage of doing so is that at inclusion compliance with a certain criteria can be clearly demonstrated. The final column lists the project types to which a certain criterion typically applies.

Table 1: Blueprint text for the general criteria.

| PoA eligibility criteria reference  | Explanation and applicability     | Proposed PoA-DD Blueprint text  | CPA-DD Indicator   | Relevant project types |
|---|-----------------------------------|---|--|------------------------|
| <p>The geographical boundary of the CPA including any time-induced boundary consistent with the geographical boundary set in the PoA;</p> | <p>Applicable to all projects</p> | <p>All [specify units, e.g. solar panels, hydropower stations, cookstoves] in each CPA are located within the geographical boundaries of [name of the host country/region].</p> | <p><input type="checkbox"/> [tick when met]</p> <hr/> <p>[It might be possible to provide evidence, for example that that each individual installation:</p> <ul style="list-style-type: none"> <li>• Is located at an address that lies within the geographical boundaries of [name of the host country/region] as demonstrated by providing the address of all [specify units] in the CPA database which will be included in Annex [specify annex number] of the CPA-DD,</li> <li>• Its location is marked on a map which also shows the geographical boundaries of [name of the host country/region]. The map is included in Annex [specify annex number] of the CPA-DD,</li> <li>• Has GPS coordinates that are situated within the geographical boundaries of [name of the host country/region] as demonstrated by providing the GPS coordinates of all [specify units] in the CPA database which will be included in Annex [specify annex number] of the CPA-DD.]</li> <li>• Each [specify units] underwent checking following procedures in the CME Manual that [select the applicable option]                             <ul style="list-style-type: none"> <li>○ the address is within the geographical boundaries of [name of the host country/region],</li> </ul> </li> </ul> |                        |



| PoA eligibility criteria reference                       | Explanation and applicability   | Proposed PoA-DD Blueprint text   | CPA-DD Indicator  | Relevant project types                           |
|--|---|--|---|--|
|  |   |  | <ul style="list-style-type: none"> <li>○ the GPS coordinates that are situated within the geographical boundaries of [name of the host country/region].]</li> </ul> <p>The CME Manual will be made available to the DOE.</p> <p>Is located within the geographical boundaries of the host country/region as specified by a written and signed statement from the CME.]]</p> |  |
|  | <p>Optional: For PoAs that make use of time-induced boundaries, the following text applies.</p> | <p>[Optional] In addition to the geographical boundaries, the boundaries between CPAs are also defined by a time-induced boundary. This includes that the [specify unit] within each CPA is: [select the applicable option]</p> <ul style="list-style-type: none"> <li>• commissioned within the timeframe specified in the CPA-DD. The date of construction of each [specify unit] is specified by the date of the [add relevant document e.g. construction invoice, commissioning form or report].</li> <li>• purchased within the timeframe specified in the CPA-DD. The date of construction of each [specify unit] is specified by the date of the [add relevant document e.g. invoice, order form].</li> </ul> |   | <p>Potentially applies to all project types.</p> |
| <p>Conditions that avoid double counting of emission</p> | <p>Select one of the 2 options below:</p>   |  |   |  |
|  | <p>For units to which</p>   | <p>Each [specify unit] in the CPA has a unique serial number engraved in a permanent nameplate. The identification numbers</p>   | <p><input type="checkbox"/> [tick when met]</p>   | <p>Potentially applies to all project types.</p> |



| PoA eligibility criteria reference  | Explanation and applicability   | Proposed PoA-DD Blueprint text   | CPA-DD Indicator  | Relevant project types                           |
|---|---|--|---|--|
| <p>reductions like unique identifications of product and end-user locations (e.g. programme logo)</p> | <p>nameplates can be attached.</p> <p>Optional: for units that cannot easily be moved</p> <p>For units which are not owned by the CME.<sup>27</sup></p> | <p>are listed in the CPA database.</p> <p>[and/or]</p> <p>As back-up identification method, also the address of the [specify unit] is recorded in the database.</p> <p>[and/or]</p> <p>The GPS coordinates of the location of each [specify unit] is recorded in the CPA database.</p> <p>[and/or]</p> <p>Copies of the identification document of each owner will be made upon the sale of a [specify unit] and the copies will be archived and the unique document numbers recorded in the CPA database.</p> <p>The CME has an agreement in place with the owner of each individual [specify unit] [optional: and with the CPA Implementer] in the CPA in which the owner of each [specify unit] [ultimately] transfers the title to the emission reductions to the CME.</p> | <p>_____</p> <p>[If needed, add reference to documented evidence like the CPA database and/or documents in which the address and/or GPS coordinates and/or serial numbers are recorded and/or which show the agreements on the title to the emission reductions.]</p> <p>[Note that the requirement for GPS coordinates may overlap with one of the ways to demonstrate that all units are within certain geographical boundaries.]</p> | <p>Potentially applies to all project types.</p> |
| <p>Conditions to check the start date of the CPA through documentary</p>                              | <p>Select one of the 2 options below:</p>   |  |   |  |
| <p>Start date based on the implementation,</p>  | <p>The start date of the CPA is the date at which the construction of the [first] [specify unit] started.</p>   | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p>   | <p>All project types.</p>   |  |

<sup>27</sup> Draft clauses for an agreement between the owner of the unit and the CME can be found in chapter 6 of “The Handbook for Programme of Activities – Practical Guidance to Successful Implementation, Climate Focus, (Amsterdam 2011), available at: [www.climatefocus.com](http://www.climatefocus.com).



| PoA eligibility criteria reference  | Explanation and applicability  | Proposed PoA-DD Blueprint text  | CPA-DD Indicator   | Relevant project types                              |
|---|--|---|--|---|
| <p>evidence and that the start date of the CPA is not prior to the date of commencement of DOE validation.</p>  | <p>construction or real action</p> <p>Start date based on the payment date.</p>  | <p>The start date of the CPA is the date at which the [first] <i>[specify unit]</i> [was purchased/was paid for/invoice was issued].</p>  | <p>[add reference to documented evidence like the invoice[s], purchase agreement[s], order forms and/or evidence of the start of implementation or construction. If the CPA includes several units, the CPA database can support with substantiating that a given unit was indeed the first one to be implemented or purchased.]</p> | <p>All project types.</p>                           |
| <p>The PoA-specific requirements stipulated by the CME including any conditions related to undertaking local stakeholder consultations and environmental impact analysis;</p> | <p>This criterion is only needed if the local stakeholder consultation and the environmental impact analysis are demonstrated on CPA level as specified in sections C and D of the PoA-DD.</p> | <p>A local stakeholder consultation has been carried out on CPA level as specified in section D of the PoA-DD. Further details are presented in section D of the CPA-DD.</p> <p>An environmental impact analysis has been carried out on CPA level as specified in section C of the PoA-DD. Further details are presented in section C of the CPA-DD.</p> | <p><input type="checkbox"/> [tick when met]</p> <p><input type="checkbox"/> [tick when met]</p>  | <p>All project types.</p> <p>All project types.</p> |
| <p>Conditions to provide an affirmation that funding from Annex I parties, if any, does not result in a</p>   | <p>Note that as a consequence of OECD guidance on this topic, a diversion of ODA can only occur if the</p>   | <p>For the CPA a written confirmation from the CME has been issued that no funding from Annex 1 parties has been used for this CPA or that, if used, this did not result in a diversion of official development assistance.</p>   | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[if needed, add reference to the signed statement.]</p>  | <p>All project types</p>                            |



| PoA eligibility criteria reference  | Explanation and applicability   | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Relevant project types |
|---|---|---|---|------------------------|
| diversion of official development assistance  | CERs are purchased with funds that are reported as ODA by the purchasing Annex 1 party. <sup>28</sup> |   |   |                        |
| Where applicable, the requirements for the debundling check, in case CPAs belong to small-scale (SSC) or microscale project categories. | Applicable to all small-scale CPAs.   | <p>The proposed small scale CPA of the PoA is not a debundled component of a large scale activity because:</p> <p>I. Each of the independent subsystems/measures included in the CPA of a PoA is no larger than 1% of the small-scale thresholds defined by the applied methodology (Under the guidance column you can add this: not exceeding 150kW electric or 450kW thermal for SSC type I, not exceeding 0.2 GWh electric or 0.6 GWh thermal for SSC type II and not exceeding 600tCO<sub>2e</sub> for SSC type III methodologies).</p> <p>Or</p> <p>II. There is no registered small-scale CPA of a PoA or an application to register another small-scale CPA of a PoA or another registered CDM project activity that:</p> <ol style="list-style-type: none"> <li>a. has the same activity implementer as the proposed small scale CPA or has a coordinating or managing entity, which also manages a large scale PoA of the</li> </ol> | <input type="checkbox"/> [tick when met]<br><hr/> <p>[if needed, add reference the signed statement.]</p> | All project types      |

<sup>28</sup> OECD, 2004. DAC/CHAIR(2004)4/FINAL: ODA eligibility issues for expenditures under the clean development mechanism (CDM), available at: <http://www.oecd.org/dataoecd/12/47/33657913.pdf>



| PoA eligibility criteria reference  | Explanation and applicability   | Proposed PoA-DD Blueprint text   | CPA-DD Indicator  | Relevant project types   |
|---|---|--|---|--------------------------|
|   |   | <p>same technology/measure, and;</p> <p>b. The boundary is within 1 km of the boundary of the proposed small-scale CPA, at the closest point.</p> <p>Or</p> <p>III. The proposed small-scale CPA of the PoA is deemed to be a debundled component in accordance with II above, but the total size of such a CPA combined with a registered small-scale CPA of a PoA or a registered CDM project activity does not exceed the small scale limits.</p> <p>EB 54, Annex 13, Page 3, “Guidance for determining the occurrence of debundling under a programme of activities (PoA)”</p> |   |                          |
| <p>The conditions that ensure that CPAs meet the requirements pertaining to the demonstration of additionality.</p> | <p>The CPA demonstrates additionality as detailed and elaborated in the CPA-DD document in line with section E.5 in PoA-DD.</p> | <p>The proposed CPA is additional. Please refer to section B.3 of the CPA-DD for the demonstration of additionality of the CPA.</p>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[if needed, add reference to the signed statement.]</p> | <p>All project types</p> |



### 3.2 Blueprint text for microscale additionality criteria

The microscale additionality criteria relate to requirements project activities need to meet to qualify as additional per definition. There are three distinct types of projects that can apply microscale additionality (Table 2):

- Type I: project activities up to 5 MW<sub>e</sub> (15 MW<sub>th</sub>) that employ renewable energy technology;
- Type II: energy efficiency project activities that aim to achieve energy savings at a scale of no more than 20 GWh<sub>e</sub> (60 GWh<sub>th</sub>) hours per year; and
- Type III: other project activities that are not covered in the two project types above and aim to achieve emission reductions at a scale of no more than 20 ktCO<sub>2</sub>e per year.

Applicable additionality criteria for the different project types vary. This section presents separate blueprint texts for each one of the three project types. Project developers can copy-paste the texts into section E.5.2 of the PoA-DD, which provides the key criteria for assessing additionality of a CPA when proposed to be included in the registered PoA. Where multiple project types are applied within the same PoA, microscale additionality criteria covering each applicable project type need to be included in the PoA-DD.

Table 2: Application of microscale additionality to different project types within the scope of this Handbook.

| Microscale additionality type                  | Project types covered   | Project types potentially covered   | Comments  |
|--|---|---|---|
| Renewable energy                               |   |   | The solar water heaters and the Micro/small scale hydropower apply renewable energy. The buildings also include a methodology that applies to renewable energy measures in buildings.   |
| Energy efficiency                              |  |   | The energy efficient cookstoves, energy efficiency measures in lighting and building qualify under this microscale category.  |
| Other (e.g. methane avoidance and fuel switch) |  |  | The waste water, landfill, fuel switch in cookstoves, animal waste, composting all are part of this category. One methodology for the buildings includes a fuel switch component which would be part of this residual microscale category. In addition, it is good to bear in mind that many methane avoidance projects also utilise the gas. The gas utilisation may qualify as a renewable energy source but these methodologies are not covered in the scope of this Handbook. |



## Type I: Renewable energy

| Eligibility criteria as in the PoA standard  | Explanation and applicability                            | Proposed PoA-DD Blueprint text  | CPA-DD indicator  | Guidance   |
|--|--|---|---|--|
| <p>The conditions that ensure that CPAs meet the requirements pertaining to the demonstration of additionality</p> | <p>I. For CPAs NOT applying microscale additionality</p> | <p>The CPA demonstrates additionality as detailed and elaborated in the CPA-DD document in line with section E.5 in PoA-DD.</p> | <p><input type="checkbox"/> [tick when met]<br/> <hr/>           [Add reference to section B.3 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report[s] ;</li> <li>• Retrofit, renovation, capacity addition or modification/replacement plan/report[s] ;</li> <li>• The Environmental Impact Assessment report[s];</li> <li>• Technical design of the hydropower station[s] ;</li> <li>• A permit or certificate describing the project activity and purpose;</li> <li>• The recommendation letter by the DNA, approved by the UNFCCC, regarding the use of specific grid-connected renewable energy technologies including the demonstration of their technology penetration rate;<sup>29</sup></li> <li>• Other credible documents;</li> </ul> |

<sup>29</sup> Guidance for microscale additionality: The CPA-DD complies with the requirements of Paragraph 2 of the *Guidelines for Demonstrating Additionality of Microscale Project Activities*<sup>29</sup> for CPAs up to 5 MW that employ renewable energy technology. Under this criterion at least one of the following conditions below shall be met: The geographic location of the project activity is in one of the least developed countries or the small island developing States (LDCs/SIDS) or in a special underdeveloped zone of the host country identified by the government before 28 May 2010; See: <http://www.unohrls.org/>

- The project activity is an off-grid activity supplying energy to households/communities (less than 12 hours grid availability per 24 hrs is also considered .off-grid. for this assessment);
- The CPA involves distributed renewable energy generation and each of the independent subsystems/measures in the project <=1500 kW and end users of the subsystems or measures are households or communities or SMEs;
- The project activity is designed for distributed energy generation (not connected to a national or regional grid) with both conditions (i) and (ii) satisfied; (i) Each of the independent subsystems/measures in the project activity is smaller than or equal to 1500kW electrical installed capacity; (ii) End users of the subsystems or measures are households/communities/small and medium enterprises (SMEs).

The project activity employs specific renewable energy technologies/measures recommended by the host country designated national authority (DNA) and approved by the Board to be additional in the host country;



| Eligibility criteria as in the PoA standard | Explanation and applicability                         | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Guidance  |
|---|---|---|---|---|
|   | <p>II. For CPAs applying microscale additionality</p> | <p>The CPA demonstrates additionality as detailed and elaborated in the CPA-DD document in line with:</p> <ul style="list-style-type: none"> <li>- section E.5 in the PoA-DD document, and</li> <li>- the <i>Guidelines for Demonstrating Additionality of Microscale Project Activities</i> version [add number];</li> </ul> | <p><input type="checkbox"/> [tick when met]</p> <p>[Add reference to section B.3 of the CPA-DD]</p> | <p>Guidance for microscale additionality:</p> <p>The CPA-DD complies with the requirements of Paragraph 2 of the Guidelines for Demonstrating Additionality of Microscale Project Activities<sup>30</sup> for CPAs up to 15 MW<sub>th</sub> that employ renewable energy technology. Under this criterion at least one of the following conditions below shall be met:</p> <ul style="list-style-type: none"> <li>• The geographic location of the project activity is in one of the least developed countries or the small island developing States (LDCs/SIDS) or in a special underdeveloped zone of the host country identified by the government before 28 May 2010; See: <a href="http://www.unohrls.org/">http://www.unohrls.org/</a></li> <li>• The project activity is an off-grid activity supplying energy to households/communities (less than 12 hours grid availability per 24 hrs is also considered .off-grid. for this assessment);</li> <li>• The CPA involves distributed renewable energy generation and each of the independent subsystems/measures in the project &lt;=4500 kW<sub>th</sub> and end users of the subsystems or measures are households or communities or SMEs;</li> <li>• The project activity is designed for distributed energy generation (not connected to a national or regional grid) with both conditions (i) and (ii) satisfied; (i) Each of the independent subsystems/measures in the project activity is smaller than or equal to 4500kW thermal installed capacity; (ii) End users of the subsystems or measures are households/communities/small and medium enterprises (SMEs).</li> <li>• The project activity employs specific renewable energy technologies/measures recommended by the host country designated national authority (DNA) and approved by the Board to be additional in the host country;</li> </ul> |

<sup>30</sup> EB63 Annex 23



## Type II: Energy efficiency

| Eligibility criteria as in the PoA standard  | Explanation and applicability   | Proposed PoA-DD Blueprint text   | CPA-DD indicator  | Guidance  |
|--|---|--|---|---|
| <p>The conditions that ensure that CPAs meet the requirements pertaining to the demonstration of additionality</p> | <p>Only if the additionality is demonstrated on CPA level, rather than on PoA level: Select one of the two options below (I or II).</p>   |  |   |   |
|  | <p>I. For CPAs NOT applying microscale additionality</p>  | <p>The CPA demonstrates additionality as detailed and elaborated in the CPA-DD document in line with section E.5 in PoA-DD.</p>                      | <p><input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to section B.3 of the CPA-DD]</p>  | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical sheet of the unit(s);</li> <li>• A permit or certificate describing the project activity and purpose;</li> <li>• Other credible documents;</li> </ul>   |
| <p>II. For CPAs applying microscale additionality</p>  | <p>The CPA demonstrates additionality as detailed and elaborated in the CPA-DD document in line with:</p> <ul style="list-style-type: none"> <li>- section E.5 in the PoA-DD document, and</li> <li>- the <i>Guidelines for Demonstrating Additionality of Microscale Project Activities</i> version [add number];</li> </ul> | <p><input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to section B.3 of the CPA-DD]</p> | <p>For microscale additionality:<br/>                     The CPA-DD complies with the requirements of Paragraph 3 of the Guidelines for Demonstrating Additionality of Microscale Project Activities<sup>31</sup> for energy efficiency project activities that aim to achieve energy savings at [a scale of no more than 20 GWh per year for lighting] [or] [a scale of no more than 60 GWh thermal per year for stoves]. Under this criterion at least one of the following conditions below shall be met:</p> |   |
|  |   |  |   | <ul style="list-style-type: none"> <li>• The geographic location of the project activity is in one of the least developed countries or the small island developing States (LDCs/SIDS) or in a special underdeveloped zone of the host country identified by the government before 28 May 2010; See: <a href="http://www.unohrls.org/">http://www.unohrls.org/</a></li> <li>• The project activity is an energy efficiency activity with both conditions (i) and (ii) satisfied: (i) Each of the independent subsystems/measures in the project activity achieves an estimated annual energy savings equal to or smaller than 600 megawatt hours; (ii) End users of the subsystems or measures are households/communities/SMEs.</li> </ul> |

<sup>31</sup> EB63 Annex 23



## Type III: Other projects

| Eligibility criteria as in the PoA standard  | Explanation and applicability   | Proposed PoA-DD Blueprint text   | CPA-DD indicator   | Guidance  |
|--|---|--|--|---|
| <p>The conditions that ensure that CPAs meet the requirements pertaining to the demonstration of additionality</p> | <p>Only if the additionality is demonstrated on CPA level, rather than on PoA level: Select one of the two options below (I or II).</p>   |  |  |   |
|  | <p>I. For CPAs NOT applying microscale additionality</p>  | <p>The CPA demonstrates additionality as detailed and elaborated in the CPA-DD document in line with section E.5 in PoA-DD.</p>                      | <p><input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to section B.3 of the CPA-DD]</p>   | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical sheet of the unit(s);</li> <li>• A permit or certificate describing the project activity and purpose;</li> <li>• Other credible documents;</li> </ul> |
| <p>II. For CPAs applying microscale additionality</p>  | <p>The CPA demonstrates additionality as detailed and elaborated in the CPA-DD document in line with:</p> <ul style="list-style-type: none"> <li>- section E.5 in the PoA-DD document, and</li> <li>- the <i>Guidelines for Demonstrating Additionality of Microscale Project Activities</i> version [add number];</li> </ul> | <p><input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to section B.3 of the CPA-DD]</p> | <p>For microscale additionality:<br/>                     The CPA-DD complies with the requirements of Paragraph 4 of the Guidelines for Demonstrating Additionality of Microscale Project Activities<sup>32</sup> for activities that aim to achieve emission reductions at a scale of no more than 20 ktCO<sub>2e</sub> per year. Under this criterion at least one of the following conditions below shall be met:</p> <ul style="list-style-type: none"> <li>• The geographic location of the project activity is in one of the least developed countries or the small island developing States (LDCs/SIDS) or in a special underdeveloped zone of the host country identified by the government before 28 May 2010; See: <a href="http://www.unohrls.org/">http://www.unohrls.org/</a></li> <li>• The project activity is an emission reduction activity with both conditions (i) and (ii) satisfied: (i) Each of the independent subsystems/measures in the project activity achieves an estimated annual emission reduction equal to or less than 600 tCO<sub>2e</sub> per year; and (ii) End users of the subsystems or measures are households/communities/SMEs.</li> </ul> |   |

<sup>32</sup> EB63 Annex 23



## 4 Blueprint Text: PoA Type Specific Criteria

The following tables are drafted to be applied as specific eligibility criteria for inclusion of CPAs into PoAs. In total, 16 tables have been prepared for different combination of project type and methodology as indicated in Table 1 and Annex 1 of this Handbook. The following table explains what different columns mean and how the blueprint texts within the tables can be applied for certain project type/methodology as eligibility criteria to be included in PoA-DD section A.4.2.2: *“Eligibility criteria for inclusion of a SSC-CPA in the PoA”*. Please note that the final eligibility criteria table for the PoA-DD shall only include column 1 to 3 of the following tables.

Table 3: Guidance for the PoA type specific blueprint texts.

| Eligibility criteria as in the PoA standard   | Explanation and applicability   | Proposed PoA-DD Blueprint text  | CPA-DD Indicator   | Guidance   |
|---|---|---|--|--|
| <p><b>There are 5 different specific eligibility criteria identified for the project type/methodology combinations.</b></p> | <p>This column specifies the applicability of the criterion, enabling a project developer to determine the relevance of a certain criterion for a specific project.</p> | <p>This column presents the PoA-DD <b>Blueprint</b> text. This text may be directly copied and pasted as the PoA eligibility criteria into section A.4.2.2. of the PoA-DD: <i>“Eligibility criteria for inclusion of a SSC-CPA in the PoA”</i> <b>together with the corresponding</b> criterion in column one in this table. The italic text between brackets in the blueprints refers to project-specific items that need to be filled out by the project developer.</p> | <p>This section provides a tick box for CPAs that comply, suggestions or a placeholder on how to demonstrate compliance with an eligibility criterion in the CPA-DD. This can be used in section B.2. of the CPA-DD: <i>“Justification of the why the small-scale CPA is eligible to be included in the Registered PoA”</i>. Where there are references to other sections of the CPA-DD, this refers to the CDM-SSC-CPA-DD version 01.</p> | <p>The guidance column provides suggestions for documented evidence or further references to the cited CDM tools or guidelines. There are different ways to demonstrate compliance with a criterion and the most suitable way should be identified project by project.</p> <p>If a project developer is absolutely sure that a certain piece of evidence will remain available over the whole duration of the PoA for all new CPAs, it can choose to specify the document to be provided in the PoA-DD. However, it is important to make sure that the description of the document will not conflict with, for example, changes in the name of the government authority issuing certain documents, changes in the name of the document etc.</p> <p>For many criteria, compliance is discussed elsewhere in the CPA-DD. In these cases a reference to the right section suffices.</p> <p>Note that the use of evidence is optional.</p> |



#### 4.1 AMS-I.D: Micro/small scale hydropower

| Eligibility criteria as in the PoA standard  | Explanation and applicability     | Proposed PoA-DD Blueprint text   | CPA-DD Indicator  | Guidance  |
|--|-----------------------------------|--|---|---|
| <p>The specifications of technology/measure including the level and type of service, performance specifications including compliance with testing/certifications</p> | <p>Applicable to all projects</p> | <p>The CPA-DD describes for all hydropower stations in the CPA the following technical elements: water diversion structures or storage structures, turbines or generators and electricity transmission infrastructure.</p> | <p><input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to section A.4. of the CPA-DD]</p> | <p>-</p>  |
|  | <p>Applicable to all projects</p> | <p>All hydropower stations within the CPA [will] comply with national and/or international hydropower equipment and services certificats.</p>  | <p><input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to documented evidence]</p>        | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Government approvals of the design and/or construction permits;</li> <li>• Regional or national testing papers, evidence of compliance with standards or certificates;</li> <li>• International testing papers, certificates or documents confirming compliance with international standards</li> <li>• The (approved) Environmental Impact Assessment report;</li> <li>• Other credible documents;</li> </ul> |



| Eligibility criteria as in the PoA standard   | Explanation and applicability     | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Guidance  |
|---|-----------------------------------|---|---|---|
| <p><b>Conditions that ensure compliance with applicability and other requirements of single or multiple methodologies applied by CPAs</b></p> | <p>Applicable to all projects</p> | <p>All hydropower stations in the CPA will supply the generated electricity to:</p> <ul style="list-style-type: none"> <li>• A national or a regional grid; or</li> <li>• An identified consumer facility via national/regional grid through a contractual arrangement;</li> </ul>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2. of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Power purchase agreement[s] with a national/regional grid or with an identified consumer facility via national or regional grid;</li> <li>• A commissioning protocol mentioning that the hydropower station[s] [is/are] connected to a regional/national grid or an identified consumer through a regional/national grid;</li> <li>• A letter from the regional or national utility company confirming that the hydropower station[s] [is/are] connected to an electricity dispatch facility;</li> <li>• Other credible documents;</li> </ul> |
|   | <p>Applicable to all projects</p> | <p>The CPA-DD contains a table that specifies for each hydropower station in the CPA whether it is:</p> <ul style="list-style-type: none"> <li>• located at a site where there was no renewable energy power plant operating prior to the implementation of the CDM project activity (Greenfield plant);</li> <li>• a capacity addition to [an] existing hydropower station[s];</li> <li>• a retrofit of [an] existing hydropower station[s]; or</li> <li>• a replacement of [an] existing hydropower station[s]</li> </ul> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p>  | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Retrofit, renovation, capacity addition or modification/replacement plan/reports of the hydropower station[s] under the CPA;</li> <li>• Technical design of the hydropower station(s) under the CPA;</li> <li>• Other credible documents;</li> </ul>  |



| Eligibility criteria as in the PoA standard   | Explanation and applicability                            | Proposed PoA-DD Blueprint text   | CPA-DD Indicator   | Guidance  |
|---|--|--|--|---|
|   | <p>Only for hydropower stations with a reservoir</p>     | <p>The CPA-DD contains a table that demonstrates for hydropower stations with reservoirs that they will satisfy at least one of the following conditions:</p> <ul style="list-style-type: none"> <li>• The project activity is implemented in an existing reservoir with no change in the volume of reservoir;</li> <li>• The project activity is implemented in an existing reservoir, where the volume of reservoir is increased and the power density of the project activity, as per definitions given in the project emissions section, is greater than 4 W/m<sup>2</sup>;</li> <li>• The project activity results in new reservoirs and the power density of the power plant, as per definitions given in the project emissions section, is greater than 4 W/m<sup>2</sup>.</li> </ul> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents which mention or show at least the nominal power capacity <b>and the maximum area of the plant's reservoir</b>:</p> <ul style="list-style-type: none"> <li>• The feasibility study report[s] ;</li> <li>• Retrofit, renovation, capacity addition or modification/replacement plan/report[s] ;</li> <li>• The Environmental Impact Assessment report[s];</li> <li>• Technical design of the hydropower station[s] including, e.g. a topographical map[s] of the reservoir;</li> <li>• A permit or certificate;</li> <li>• Other credible documents;</li> </ul> |
| <p>Only for new units with both renewable and non-renewable components (e.g. a hydro/diesel unit): Select one of the two options below (I or II).</p> |  |  |  |   |
|   | <p>I. For CPAs NOT applying microscale additionality</p> | <p>The CPA-DD contains a table in which the following conditions are demonstrated:</p> <ul style="list-style-type: none"> <li>• The capacity limit of 15 MW for a small-scale CDM project activity applies only to the renewable component;</li> <li>• If the new unit co-fires fossil fuel, the capacity of the entire unit shall not exceed the limit of 15 MW;</li> </ul>   | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report[s] ;</li> <li>• Retrofit, renovation, capacity addition or modification/replacement plan/report[s];</li> <li>• The Environmental Impact Assessment report[s];</li> <li>• Technical design of the hydropower station[s];</li> <li>• A permit or certificate describing the project activity and purpose;</li> <li>• Other credible documents.</li> </ul>   |
|   | <p>II. For CPAs applying microscale additionality</p>    | <p>The CPA-DD contains a table in which the following conditions are demonstrated:</p> <ul style="list-style-type: none"> <li>• The capacity limit of 5 MW for a small-scale CDM project activity applies only to the renewable component;</li> <li>• If the new unit co-fires fossil fuel, the capacity of the entire unit shall not exceed the limit of 5 MW;</li> </ul>   | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> |   |



| Eligibility criteria as in the PoA standard  | Explanation and applicability                     | Proposed PoA-DD Blueprint text   | CPA-DD Indicator  | Guidance  |
|--|---|--|---|---|
| Only for CPAs with capacity addition and/or retrofit: Select one of the two options below (I or II). |   |  |   |   |
|  | I. For CPAs NOT applying microscale additionality | The CPA-DD contains a table in which compliance with the following conditions is demonstrated for each hydropower station: <ul style="list-style-type: none"> <li>For project activities that involve the addition of renewable energy generation units at an existing renewable power generation facility, the capacity of the units added by the project should be lower than 15 MW and should be physically distinct from the existing units;</li> <li>In the case of retrofit or replacement, to qualify as a small-scale project, the total output of the retrofitted or replacement unit shall not exceed the limit of 15 MW;</li> </ul> | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>The feasibility study report[s] ;</li> <li>Retrofit, renovation, capacity addition or modification/replacement plan/reports of the hydropower station[s];</li> <li>The Environmental Impact Assessment report[s];</li> <li>Technical design of the hydropower station(s);</li> <li>A permit or certificate describing the project activity and purpose;</li> <li>Other credible documents;</li> </ul> |
|  | II. For CPAs applying microscale additionality    | The CPA-DD contains a table in which compliance with the following conditions is demonstrated: <ul style="list-style-type: none"> <li>For project activities that involve the addition of renewable energy generation units at an existing renewable power generation facility, the capacity of the units added by the project should be lower than 5 MW and should be physically distinct from the existing units;</li> <li>In the case of retrofit or replacement, to qualify as a small-scale project, the total output of the retrofitted or replacement unit shall not exceed the limit of 5 MW;</li> </ul>                               | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] |   |
| Where applicable, target group (e.g. domestic/commercial/Industrial,                                 | Applicable to all projects                        | The CPA confirms that the project activity(ies) [is/are/will be] grid connected.   | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>Power purchase agreement[s] with a national/regional grid or with an identified consumer facility via national or regional grid;</li> <li>A commissioning protocol mentioning that the hydropower station[s] [is/are]</li> </ul>  |



| Eligibility criteria as in the PoA standard   | Explanation and applicability  | Proposed PoA-DD Blueprint text   | CPA-DD Indicator   | Guidance  |
|---|--|--|--|---|
| rural/urban, grid-connected/off-grid) and distribution mechanisms (e.g. direct installation)  |  |  |  | <p>connected to a regional/national grid or an identified consumer through a regional/national grid;</p> <ul style="list-style-type: none"> <li>• A letter from the regional or national utility company confirming that the hydropower station[s] [<i>is/are</i>] connected to an electricity dispatch facility;</li> <li>• Other credible documents;</li> </ul> |
| Where applicable, the conditions related to sampling requirements for a PoA in accordance with the approved guidelines/standard from the Board pertaining to sampling and surveys | Applicable to all projects which apply sampling  | <p>The sampling method applied in the CPA (e.g. in the monitoring plan) follows version [add number] “Standard For Sampling And Surveys for CDM Project Activities And Programme of Activities”.</p> <p>The sampling plan contains information relating to: (a) sampling design; (b) data to be collected; and (c) implementation plan.<sup>33</sup></p> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section B.6 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The baseline survey report;</li> <li>• The CME manual;</li> <li>• The monitoring manual;</li> <li>• Other credible documents;</li> </ul>   |
| Where applicable, the conditions that ensure that every CPA in aggregate meets  | Select one of the two options below (I or II).   |  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the</p>         | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report[s] ;</li> <li>• Retrofit, renovation, capacity addition or modification/replacement</li> </ul>  |
| I. For CPAs NOT applying microscale additionality   | The CPA’s power capacity in aggregate remains below 15 MW throughout the crediting period; |  |  |   |

<sup>33</sup> EB 65, Annex 2, Appendix 3



| Eligibility criteria as in the PoA standard  | Explanation and applicability                         | Proposed PoA-DD Blueprint text   | CPA-DD Indicator  | Guidance   |
|--|---|--|---|--|
| <p>the small-scale or microscale threshold criteria and remains within those thresholds throughout the crediting period of the CPA</p> | <p>II. For CPAs applying microscale additionality</p> | <p>The CPA's power capacity in aggregate remains below 5 MW throughout the crediting period;</p> | <p>CPA-DD]<br/> <input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to section A.2 of the CPA-DD]</p> | <p>plan/reports of the hydropower station[s] under the CPA;</p> <ul style="list-style-type: none"> <li>• The Environmental Impact Assessment report [s];</li> <li>• Technical design of the hydropower station[s] under the CPA;</li> <li>• Other credible documents;</li> </ul> |



## 4.2 AMS-I.F: Micro/small scale hydropower

| Eligibility criteria as in the PoA standard  | Explanation and applicability     | Proposed PoA-DD Blueprint text  | CPA-DD Indicator   | Guidance  |
|--|-----------------------------------|---|--|---|
| <p>The specifications of technology/measure including the level and type of service, performance specifications including compliance with testing/certifications</p> | <p>Applicable to all projects</p> | <p>The CPA-DD describes for all hydropower stations in the CPA the following technical elements: water diversion structures or storage structures, turbines or generators and electricity transmission infrastructure.</p>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.4 of the CPA-DD]</p> | <p>-</p>  |
| <p>Conditions that ensure compliance with applicability and other requirements of single or multiple methodologies applied by CPAs</p>                               | <p>Applicable to all projects</p> | <p>All hydropower stations within the CPA [will] comply with national and/or international hydropower equipment and services certificates.</p>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to documented evidence]</p>       | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents for each hydropower station in the CPA:</p> <ul style="list-style-type: none"> <li>• Government approvals of the design and/or construction permits;</li> <li>• Regional or national testing papers, evidence of compliance with standards or certificates;</li> <li>• International testing papers, certificates or documents confirming compliance with international standards</li> <li>• The (approved) Environmental Impact Assessment report[s];</li> <li>• Other credible documents;</li> </ul>   |
| <p>Conditions that ensure compliance with applicability and other requirements of single or multiple methodologies applied by CPAs</p>                               | <p>Applicable to all projects</p> | <p>All hydropower stations in the CPA [will] supply electricity to user(s) and displace electricity from an electricity distribution system that is or would have been supplied by at least one fossil fuel fired generating unit i.e., in the absence of the project activity, the users would have been supplied electricity from one or more sources listed below:</p> <ol style="list-style-type: none"> <li>A national or a regional grid (grid hereafter);</li> <li>Fossil fuel fired captive power plant;</li> <li>A carbon intensive mini-grid (total capacity not exceeding 15 MW);</li> </ol> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s];</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Utility bills from user(s) demonstrating that the displaced electricity in prior to the project was being supplied from one or more sources listed in the blueprint text;</li> <li>• Power purchase agreement[s] with identified user[s];</li> <li>• A commissioning protocol mentioning that the hydropower station[s] [is/are] connected to users;</li> <li>• Other credible documents;</li> </ul> |



| Eligibility criteria as in the PoA standard   | Explanation and applicability                 | Proposed PoA-DD Blueprint text   | CPA-DD Indicator   | Guidance   |
|---|---|--|--|--|
|   | Applicable to all projects                    | <p>The CPA-DD contains a table that specifies for each hydropower station in the CPA whether they [will be/are]:</p> <ul style="list-style-type: none"> <li>located at a site where there was no renewable energy power plant operating prior to the implementation of the CDM project activity (Greenfield plant);</li> <li>a capacity addition to [an] existing hydropower station[s];</li> <li>a retrofit of [an] existing hydropower station[s]; or</li> <li>a replacement of [an] existing hydropower station[s]</li> </ul>   | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>Feasibility Study Report[s] ;</li> <li>Environmental Impact Assessment report[s];</li> <li>Retrofit, renovation, capacity addition or modification/replacement plan/reports of the hydropower station(s) under the CPA;</li> <li>Technical design of the hydropower station(s) under the CPA;</li> <li>Other credible documents;</li> </ul>   |
|   | Only for Hydropower stations with a reservoir | <p>The CPA-DD contains a table that demonstrates which hydropower stations with reservoirs [will] satisfy at least one of the following conditions:</p> <ul style="list-style-type: none"> <li>The project activity is implemented in an existing reservoir with no change in the volume of reservoir;</li> <li>The project activity is implemented in an existing reservoir, where the volume of reservoir is increased and the power density of the project activity, as per definitions given in the project emissions section, is greater than 4 W/m<sup>2</sup>;</li> <li>The project activity results in new reservoirs and the power density of the power plant, as per definitions given in the project emissions section, is greater than 4 W/m<sup>2</sup>.</li> </ul> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>The feasibility study report of the hydropower station(s) mentioning the <b>nominal power capacity and the maximum area of the plant's reservoir</b>;</li> <li>Retrofit, renovation, capacity addition or modification/replacement plan/reports of the hydropower station(s) mentioning the <b>nominal power capacity and the maximum area of the plant's reservoir</b>;</li> <li>The Environmental Impact Assessment report in which the area of the reservoir and nominal power capacity are mentioned;</li> <li>Technical design of the hydropower station(s) including the topographical map of the reservoir allowing to calculate the maximum area of the reservoir;</li> <li>A permit or certificate indicating the nominal power capacity and the <b>maximum area of the plant's reservoir</b>;</li> <li>Other credible documents;</li> </ul> |
| <p>Only for new units with both renewable and non-renewable components (e.g. a hydro/diesel unit): Select one of the two options below (I or II).</p> |   |  |  |  |



| Eligibility criteria as in the PoA standard  | Explanation and applicability                     | Proposed PoA-DD Blueprint text   | CPA-DD Indicator  | Guidance  |
|--|---|--|---|---|
|  | I. For CPAs NOT applying microscale additionality | The CPA-DD contains a table in which the following conditions are demonstrated: <ul style="list-style-type: none"> <li>• The capacity limit of 15 MW for a small-scale CDM project activity applies only to the renewable component;</li> <li>• If the new unit co-fires fossil fuel, the capacity of the entire unit shall not exceed the limit of 15 MW;</li> </ul>  | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• The feasibility study report of the hydropower station(s);</li> <li>• Retrofit, renovation, capacity addition or modification/replacement plan/reports of the hydropower station(s);</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical design of the hydropower station(s);</li> <li>• A permit or certificate describing the project activity and purpose;</li> <li>• Other credible documents;</li> </ul> |
|  | II. For CPAs applying microscale additionality    | The CPA-DD contains a table in which the following conditions are demonstrated: <ul style="list-style-type: none"> <li>• The capacity limit of 5 MW for a small-scale CDM project activity applies only to the renewable component;</li> <li>• If the new unit co-fires fossil fuel, the capacity of the entire unit shall not exceed the limit of 5 MW;</li> </ul>  | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] |   |
| Only for CPAs with capacity addition and/or retrofit: Select one of the two options below (I or II). |   |  |   |   |
|  | I. For CPAs NOT applying microscale additionality | The CPA-DD contains a table in which compliance with the following conditions is demonstrated for each hydropower station: <ul style="list-style-type: none"> <li>• For project activities that involve the addition of renewable energy generation units at an existing renewable power generation facility, the capacity of the units added by the project should be lower than 15 MW and should be physically distinct from the existing units;</li> <li>• In the case of retrofit or replacement, to qualify as a small-scale project, the total output of the retrofitted or replacement unit shall not exceed the limit of 15 MW;</li> </ul> | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• The feasibility study report of the hydropower station(s);</li> <li>• Retrofit, renovation, capacity addition or modification/replacement plan/reports of the hydropower station(s);</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical design of the hydropower station(s);</li> <li>• A permit or certificate describing the project activity and purpose;</li> <li>• Other credible documents;</li> </ul> |
|  | II. For CPAs applying microscale additionality    | The CPA-DD contains a table in which compliance with the following conditions is demonstrated for each hydropower station: <ul style="list-style-type: none"> <li>• For project activities that involve the addition of renewable energy generation units at an existing renewable power generation facility, the capacity of the units added by the project should be lower than 15 MW and should be physically distinct from the existing units;</li> <li>• In the case of retrofit or replacement, to qualify as a small-scale project, the total output of the retrofitted or replacement unit shall not exceed the limit of 15 MW;</li> </ul> | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] |   |

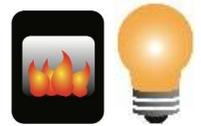


| Eligibility criteria as in the PoA standard   | Explanation and applicability   | Proposed PoA-DD Blueprint text  | CPA-DD Indicator   | Guidance   |
|---|---|---|--|--|
|   | <p>II. For CPAs applying microscale additionality</p>   | <p>The CPA-DD contains a table in which compliance with the following conditions is demonstrated:</p> <ul style="list-style-type: none"> <li>For project activities that involve the addition of renewable energy generation units at an existing renewable power generation facility, the capacity of the units added by the project should be lower than 5 MW and should be physically distinct from the existing units;</li> <li>In the case of retrofit or replacement, to qualify as a small-scale project, the total output of the retrofitted or replacement unit shall not exceed the limit of 5 MW;</li> </ul> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> |  |
| <p>Only for CPAs with capacity addition and/or retrofit: Select one of the two options below (I or II).</p>   |   |   |  |  |
|   | <p>Only when CPAs deliver electricity to another facility or facilities within the project boundary</p> | <p>The CPA specifies that only the facility generating the electricity can claim emission reductions from the electricity displaced.</p>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to documented evidence]</p>       | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>A contract between the supplier and consumer(s) of the electricity that specifies that the facility generating the electricity will claim emission reductions only;</li> <li>Other credible documents;</li> </ul>   |
| <p>Where applicable, target group (e.g. domestic/commercial/industrial, rural/urban, grid-connected/off-grid) and distribution mechanisms (e.g.</p> | <p>Applicable to all projects</p>   | <p>The CPA specifies that the generated electricity is delivered to users.</p>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>Energy invoices to user(s) demonstrating</li> <li>Power purchase agreement[s] with identified user[s];</li> <li>A commissioning protocol mentioning that the hydropower station[s] [is/are] connected to users;</li> <li>Other credible documents;</li> </ul> |



| Eligibility criteria as in the PoA standard   | Explanation and applicability   | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Guidance   |
|---|---|---|---|--|
| direct installation)  |   |   |   |  |
| <p>Where applicable, the conditions related to sampling requirements for a PoA in accordance with the approved guidelines/standard from the Board pertaining to sampling and surveys</p>                              | <p>Applicable to all projects which apply sampling</p>  | <p>The sampling method applied in the CPA (e.g. in the monitoring plan) follows version [add number] of the “Standard For Sampling And Surveys for CDM Project Activities And Programme of Activities”.</p> <p>The sampling plan contains information relating to: (a) sampling design; (b) data to be collected; and (c) implementation plan.<sup>34</sup></p> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section B.6 of the CPA-DD]</p>  | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The baseline survey report;</li> <li>• The CME manual;</li> <li>• The monitoring manual;</li> <li>• Other documents;</li> </ul>   |
| <p>Where applicable, the conditions that ensure that every CPA in aggregate meets the small-scale or microscale threshold criteria and remains within those thresholds throughout the crediting period of the CPA</p> | <p><i>Select one of the two options below (I or II).</i></p> <p>I. For CPAs NOT applying microscale additionality</p> <p>II. For CPAs applying microscale additionality</p> | <p><b>The CPA’s power capacity</b> in aggregate remains below 15 MW throughout the crediting period;</p> <p><b>The CPA’s power capacity in aggregate</b> remains below 5 MW throughout the crediting period;</p>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report of the hydropower station(s) included in the CPA;</li> <li>• Retrofit, renovation, capacity addition or modification/replacement plan/reports of the hydropower station(s) under the CPA;</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical design of the hydropower station(s) under the CPA;</li> <li>• Other credible documents;</li> </ul> |

<sup>34</sup> EB 65, Annex 2, Appendix 3



### 4.3 AMS-II.C: Stoves (efficiency), Lighting

| Eligibility criteria as in the PoA standard  | Explanation and applicability     | Proposed PoA-DD Blueprint text  | CPA-DD Indicator   | Guidance   |
|--|-----------------------------------|---|--|--|
| <p>The specifications of technology/measure including the level and type of service, performance specifications including compliance with testing/certifications</p> | <p>Applicable to all projects</p> | <p>The CPA-DD describes the [efficient stoves or efficient lighting systems] in the CPA including their performance and technical specifications.</p>   | <p><input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to section A.4 of the CPA-DD]</p> | <p>-</p>   |
| <p>Conditions that ensure compliance with applicability and other requirements of</p>  | <p>Applicable to all projects</p> | <p>All [efficient stoves or efficient lighting systems] within the CPA [will] comply with national and/or international efficient [stove] [lighting] standards and services certificates.</p> | <p><input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to documented evidence]</p>       | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Government approvals of the design and/or manufacturing permits;</li> <li>• Regional or national testing papers, evidence of compliance with standards or certificates;</li> <li>• International testing papers, certificates or documents confirming compliance with international standards</li> <li>• The (approved) Environmental Impact Assessment report;</li> <li>• Other credible documents;</li> </ul> |
| <p>Conditions that ensure compliance with applicability and other requirements of</p>  | <p>Applicable to all projects</p> | <p>All [efficient stoves or efficient lighting systems] in the CPA [will be/are] replacing existing equipment or are installed at new sites.</p>  | <p><input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Other credible documents;</li> </ul>  |

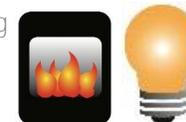


| Eligibility criteria as in the PoA standard             | Explanation and applicability              | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Guidance   |
|---|--|---|---|--|
| <p>single or multiple methodologies applied by CPAs</p> | <p>Only if the CPA includes new units.</p> | <p>The CPA determines the baseline scenario as per the procedures described in the general guidance to SSC CDM methodologies under the section 'Type II and III Greenfield projects (new facilities)'.<sup>35</sup></p> | <p><input type="checkbox"/> [tick when met]</p> <p>[Add reference to section B.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Technical sheets of the unit(s);</li> <li>• Other credible documents;</li> </ul> <p>Further guidance from the “general guidance to SSC CDM methodologies”:</p> <p>Type II and III Greenfield projects (new facilities): may use a Type II and Type III small-scale methodology provided that they can demonstrate that the most plausible baseline scenario for this project activity is the baseline provided in the respective Type II and Type III small-scale methodology.</p> |

<sup>35</sup> EB61 Annex 21

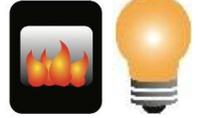


| Eligibility criteria as in the PoA standard   | Explanation and applicability                | Proposed PoA-DD Blueprint text   | CPA-DD Indicator   | Guidance   |
|---|--|--|--|--|
|   | <p>Only if CPA includes replacing units.</p> | <p>The CPA ensures that for each replaced appliance/equipment/system the rated capacity or output or level of service (e.g., for efficient lighting systems light output and for efficient stoves heat output) is not significantly smaller (maximum - 10%) or significantly larger (maximum + 50%) than the baseline.</p> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Technical sheets of the unit(s);</li> <li>• Other credible documents;</li> </ul> <p>Project activities involving increase in output level compared to the baseline scenario are only eligible if they comply with the related and relevant guidance in the General Guidance for SSC methodologies which require a demonstration that the baseline scenario for the increased amount of output is the same as the baseline scenario defined by this methodology. Otherwise, in the event project output in year y is greater than the average historical output (average of three most recent years +/-10%) before the implementation of the project activity, the value of the output in year y is capped at the value of the historical average output level.</p> |
| <p><b>Where applicable, target group (e.g. domestic/commercial/industrial, rural/urban, grid-connected/off-grid) and distribution mechanisms (e.g. direct installation)</b></p> | <p>Applicable to all projects</p>            | <p>The CPA specifies the target group and distribution mechanisms of [efficient stoves / lighting systems]</p>   | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Other credible documents;</li> </ul>  |



| Eligibility criteria as in the PoA standard   | Explanation and applicability  | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Guidance   |
|---|--|---|---|--|
| <p>Where applicable, the conditions related to sampling requirements for a PoA in accordance with the approved guidelines/standard from the Board pertaining to sampling and surveys</p>                              | <p>Applicable to all projects which apply sampling</p>   | <p>The sampling method applied in the CPA (e.g. in the monitoring plan) follows version [add number] of the “Standard For Sampling And Surveys for CDM Project Activities And Programme of Activities”.</p> <p>The sampling plan contains information relating to: (a) sampling design; (b) data to be collected; and (c) implementation plan.<sup>36</sup></p>   | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section B.6 of the CPA-DD]</p>  | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The baseline survey report;</li> <li>• The CME manual;</li> <li>• The monitoring manual;</li> <li>• Other documents;</li> </ul>   |
| <p>Where applicable, the conditions that ensure that every CPA in aggregate meets the small-scale or microscale threshold criteria and remains within those thresholds throughout the crediting period of the CPA</p> | <p>Select one of the two options below (I or II).</p> <p>I. For CPAs NOT applying microscale additionality</p> <p>II. For CPAs applying microscale additionality</p> | <p>[For efficient lighting systems]</p> <p>The CPA’s energy savings in aggregate remains below 60 GWh per year for electrical end use energy efficiency technologies throughout the crediting period;</p> <p>[For efficient stoves]</p> <p>The CPA’s energy savings in aggregate remains below the limit of 180 GWh thermal per year in fuel input.</p> <p>[For efficient lighting systems]</p> <p>The CPA’s energy savings in aggregate remains below 20 GWh per year for electrical end use energy efficiency technologies throughout the crediting period;</p> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical design of the unit(s);</li> <li>• Other credible documents;</li> </ul> |

<sup>36</sup> EB 65, Annex 2, Appendix 3



| Eligibility criteria as in the PoA standard | Explanation and applicability | Proposed PoA-DD Blueprint text   | CPA-DD Indicator | Guidance |
|---|-------------------------------|--|------------------|----------|
|   |                               | <p><i>[For efficient stoves]</i><br/>The CPA's energy savings in aggregate remains below the limit of 60 GWh thermal per year in fuel input.</p> | CPA-DD]          |          |



## 4.4 AMS-II.G: Stoves (efficiency)

| Eligibility criteria as in the PoA standard   | Explanation and applicability | Proposed PoA-DD Blueprint text   | CPA-DD Indicator  | Guidance  |
|---|-------------------------------|--|---|---|
| The specifications of technology/measure including the level and type of service, performance specifications including compliance with testing/certifications | Applicable to all projects    | The CPA-DD describes the efficient stoves in the CPA including their performance and technical specifications.   | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.4 of the CPA-DD] | -   |
|   | Applicable to all projects    | All efficient stoves within the CPA [will] comply with national and/or international efficient stove standards and services certificates.  | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to documented evidence]       | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Government approvals of the design and/or manufacturing permits;</li> <li>• Regional or national testing papers, evidence of compliance with standards or certificates;</li> <li>• International testing papers, certificates or documents confirming compliance with international standards</li> <li>• The (approved) Environmental Impact Assessment report;</li> <li>• Other credible documents;</li> </ul> |
| Conditions that ensure compliance with applicability and other requirements of single or multiple methodologies applied by CPAs                               | Applicable to all projects    | The stoves within the CPA [will] include efficiency improvements in thermal applications of non-renewable biomass.   | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Other credible documents;</li> </ul>  |
|   | Applicable to all projects    | The CPA demonstrates that non-renewable biomass has been used since 31 December 1989, using survey methods or referring to published literature, official reports or statistics. | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Survey report;</li> <li>• Published literature;</li> <li>• Official reports and/or statistics;</li> </ul>   |



| Eligibility criteria as in the PoA standard  | Explanation and applicability                          | Proposed PoA-DD Blueprint text   | CPA-DD Indicator   | Guidance   |
|--|--|--|--|--|
| <p>Where applicable, target group (e.g. domestic/commercial/industrial, rural/urban, grid-connected/off-grid) and distribution mechanisms (e.g. direct installation)</p>                 | <p>Applicable to all projects</p>                      | <p>The CPA specifies the target group of the efficient stoves and distribution mechanisms of the efficient stoves.</p>   | <p><input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to section A.2 of the CPA-DD]</p> | <p>• Other credible documents;</p> <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical sheet of the unit(s);</li> <li>• A permit or certificate describing the project activity and purpose;</li> <li>• Other credible documents;</li> </ul> |
| <p>Where applicable, the conditions related to sampling requirements for a PoA in accordance with the approved guidelines/standard from the Board pertaining to sampling and surveys</p> | <p>Applicable to all projects which apply sampling</p> | <p>The sampling method applied in the CPA (e.g. in the monitoring plan) follows the “Standard For Sampling And Surveys for CDM Project Activities And Programme of Activities” version [add number].</p> <p>The sampling plan contains information relating to: (a) sampling design; (b) data to be collected; and (c) implementation plan.<sup>37</sup></p> <p>The CPA complies with the following confidence interval and error requirement:</p> <ul style="list-style-type: none"> <li>- When biennial inspection is chosen a 95% confidence interval and a 5% margin of error requirement for the sampling parameter.</li> </ul> | <p><input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to section B.6 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The baseline survey report;</li> <li>• The CME manual;</li> <li>• The monitoring manual;</li> <li>• Other documents;</li> </ul>   |

<sup>37</sup> EB 65, Annex 2, Appendix 3



| Eligibility criteria as in the PoA standard   | Explanation and applicability                            | Proposed PoA-DD Blueprint text   | CPA-DD Indicator   | Guidance   |
|---|--|--|--|--|
|   |  | <p>- When annual inspection is used, a 90% confidence interval and a 10% margin of error requirement is [will be] achieved for the sampled parameters.</p> <p>- In cases where survey results indicate that 90/10 precision or 95/5 precision (above) is not achieved, the lower bound of a 90% or 95% confidence interval of the parameter value is chosen as an alternative to repeating the survey efforts to achieve the 90/10 or 95/5 precision.</p> <p>For leakage related to the non-renewable woody biomass saved by the project activity is assessed based on ex post surveys of users and the areas from which this woody biomass is sourced using 90/30 precision for a selection of samples;</p> |  |  |
| <p>Where applicable, the conditions that ensure that every CPA in aggregate meets the small-scale or microscale threshold criteria and remains within those thresholds throughout the crediting period of the CPA</p> | <p>Select one of the two options below (I or II).</p>    |  |  |  |
|   | <p>I. For CPAs NOT applying microscale additionality</p> | <p>The CPA's energy savings in aggregate remains below the limit of 180 GWh thermal per year in fuel input.</p>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical design of the unit(s);</li> <li>• Other credible documents;</li> </ul> |
|   | <p>II. For CPAs applying microscale additionality</p>    | <p>The CPA's energy savings in aggregate remains below the limit of 60 GWh thermal per year in fuel input.</p>   | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> |  |



## 4.5 AMS-I.E: Stoves (fuel switch)

| Eligibility criteria as in the PoA standard   | Explanation and applicability | Proposed PoA-DD Blueprint text   | CPA-DD Indicator  | Guidance  |
|---|-------------------------------|--|---|---|
| The specifications of technology/measure including the level and type of service, performance specifications including compliance with testing/certifications | Applicable to all projects    | The CPA-DD describes the stoves in the CPA including their performance and technical specifications.   | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.4 of the CPA-DD] | -   |
|   | Applicable to all projects    | All stoves within the CPA [will] comply with national and/or international efficient stove standards and services certificates.  | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to documented evidence]       | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Government approvals of the design and/or manufacturing permits;</li> <li>• Regional or national testing papers, evidence of compliance with standards or certificates;</li> <li>• International testing papers, certificates or documents confirming compliance with international standards</li> <li>• The (approved) Environmental Impact Assessment report;</li> <li>• Other credible documents;</li> </ul> |
| Conditions that ensure compliance with applicability and other requirements of single or multiple methodologies applied by CPAs                               | Applicable to all projects    | All stoves in the CPA [will be/are] replacing non-renewable biomass.   | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Other credible documents;</li> </ul>  |
|   | Applicable to all projects    | The CPA demonstrates that non-renewable biomass has been used since 31 December 1989, using survey methods or referring to published literature, official reports or statistics. | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Survey report;</li> <li>• Published literature;</li> <li>• Official reports and/or statistics;</li> </ul>   |



| Eligibility criteria as in the PoA standard   | Explanation and applicability                          | Proposed PoA-DD Blueprint text   | CPA-DD Indicator  | Guidance   |
|---|--|--|---|--|
| <p><b>Where applicable, target group (e.g. domestic/commercial/industrial, rural/urban, grid-connected/off-grid) and distribution mechanisms (e.g. direct installation)</b></p>                 | <p>Applicable to all projects</p>                      | <p>The CPA defines the target group and the distribution mechanisms of the stoves.</p>   | <p><input type="checkbox"/> [tick when met]<br/>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Other credible documents;</p> <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Other credible documents;</li> </ul> |
| <p><b>Where applicable, the conditions related to sampling requirements for a PoA in accordance with the approved guidelines/standard from the Board pertaining to sampling and surveys</b></p> | <p>Applicable to all projects which apply sampling</p> | <p>The sampling method applied in the CPA (e.g. in the monitoring plan) follows the “Standard For Sampling And Surveys for CDM Project Activities And Programme of Activities” version [add number].</p> <p>The sampling plan contains information relating to: (a) sampling design; (b) data to be collected; and (c) implementation plan.<sup>38</sup></p> <p>The CPA complies with the following confidence interval and error requirement:</p> <ul style="list-style-type: none"> <li>- When biennial inspection is chosen a 95% confidence interval and a 5% margin of error requirement for the sampling parameter.</li> </ul> | <p><input type="checkbox"/> [tick when met]<br/>_____</p> <p>[Add reference to section B.6 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The baseline survey report;</li> <li>• The CME manual;</li> <li>• The monitoring manual;</li> <li>• Other documents;</li> </ul>   |

<sup>38</sup> EB 65, Annex 2, Appendix 3



| Eligibility criteria as in the PoA standard  | Explanation and applicability   | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Guidance   |
|--|---|---|---|--|
|  |   | <ul style="list-style-type: none"> <li>- When annual inspection is used, a 90% confidence interval and a 10% margin of error requirement is [will be] achieved for the sampled parameters.</li> <li>- In cases where survey results indicate that 90/10 precision or 95/5 precision (above) is not achieved, the lower bound of a 90% or 95% confidence interval of the parameter value is chosen as an alternative to repeating the survey efforts to achieve the 90/10 or 95/5 precision.</li> <li>- For leakage related to the non-renewable woody biomass saved by the project activity is assessed based on ex post surveys of users and the areas from which this woody biomass is sourced using 90/30 precision for a selection of samples;</li> </ul> |   |  |
| <p><b>Where applicable, the conditions that ensure that every CPA in aggregate meets the small-scale or microscale threshold criteria and remains within those thresholds throughout the crediting period of the CPA</b></p> | <p><i>Select one of the two options below (I or II).</i></p> <p>I. For CPAs NOT applying microscale additionality</p> <p>II. For CPAs applying microscale additionality</p> | <p><b>The CPA's power capacity in aggregate remains below 45 MW thermal throughout the crediting period;</b></p> <p><b>The CPA's power capacity in aggregate remains below 15 MW thermal throughout the crediting period;</b></p>   | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical design of the unit(s);</li> <li>• Other credible documents;</li> </ul> |



## 4.6 AMS-II.J: Lighting

| Eligibility criteria as in the PoA standard   | Explanation and applicability | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Guidance  |
|---|-------------------------------|---|---|---|
| The specifications of technology/measure including the level and type of service, performance specifications including compliance with testing/certifications | Applicable to all projects    | The CPA-DD describes the efficient lighting systems in the CPA including their performance and technical specifications.  | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.4 of the CPA-DD] | -   |
|   | Applicable to all projects    | All efficient lighting systems within the CPA [will] comply with national and/or international efficient stove and services certificates.   | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to documented evidence]       | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Government approvals of the design and/or manufacturing permits;</li> <li>• Regional or national testing papers, evidence of compliance with standards or certificates;</li> <li>• International testing papers, certificates or documents confirming compliance with international standards</li> <li>• The (approved) Environmental Impact Assessment report;</li> <li>• Other credible documents;</li> </ul> |
| Conditions that ensure compliance with applicability and other requirements of single or multiple methodologies applied by CPAs                               | Applicable to all projects    | The efficient lighting systems included in the CPA [will] lead to efficient use of electricity through the adoption of self-ballasted compact fluorescent lamps (CFLs) to replace incandescent lamps (ICLs) in residential applications. Eligible self-ballasted CFLs have integrated ballasts as a non-removable part. | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Technical sheets of the unit[s];</li> <li>• Commissioning protocol;</li> <li>• Other credible documents;</li> </ul>  |
|   | Applicable to all projects    | The CFLs included in the CPA to replace existing equipment [are/will be] new equipment and not transferred from another activity.   | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section B.2 of the         | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> </ul>  |



| Eligibility criteria as in the PoA standard | Explanation and applicability   | Proposed PoA-DD Blueprint text   | CPA-DD Indicator  | Guidance  |
|---|---|--|---|---|
|   |   |  | CPA-DD]   | <ul style="list-style-type: none"> <li>• Purchase order of the unit[s];</li> <li>• Commissioning/distribution report[s];</li> <li>• Other credible documents;</li> </ul>  |
|   | Applicable to all projects  | The total lumen output of the CFL applied in the CPA is equal to or more than that of the ICL being replaced; lumen output of ICL & CFL are determined [in accordance with relevant national or international standard/s] [or] [using the values in the methodology as an alternative option to national or international standard/s].   | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD]   | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Technical sheets of the unit(s);</li> <li>• Purchase order of the unit[s];</li> <li>• Other credible documents;</li> </ul> |
|   | Applicable to all projects  | <p>The CFLs included in the CPA [have/will have] known average life or the rated average life as ex ante. IEC 60969 (Self Ballasted Lamps For General Lighting Services - Performance Requirements) or an equivalent national standard [is/will be] used to determine the average life.</p> <p>The CPA-DD cites the standard used. If the average life value is not available ex ante, it is made available for verification before or at the same time that the results of the second ex post monitoring survey are available for verification. The laboratory conducting and certifying the tests to determine CFL average life comply with the requirements of a relevant national or international standard (e.g., ISO/IEC 17025).</p> | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD]   | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Technical sheets of the unit[s];</li> <li>• Purchase order of the unit[s];</li> <li>• Other credible documents;</li> </ul> |
| Applicable to all projects                  | CFLs utilized under the CPA [are/will be] marked for clear unique identification for the project. | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the  | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Purchase order of the unit[s] indicating unique identification numbers per unit;</li> </ul> |   |



| Eligibility criteria as in the PoA standard  | Explanation and applicability | Proposed PoA-DD Blueprint text  | CPA-DD Indicator   | Guidance   |
|--|-------------------------------|---|--|--|
|  |                               |   | CPA-DD]  | <ul style="list-style-type: none"> <li>Commissioning/distribution report[s] indicating unique identification numbers per unit;</li> <li><b>Database including the units' identification numbers;</b></li> <li>Other credible documents;</li> </ul>   |
|  | Applicable to all projects    | The CPA specifies that the CERs can only be earned for the average life of project CFLs, not to exceed one crediting period of up to 10 years.  | <input type="checkbox"/> [tick when met]<br><hr/> [Add reference to section A.4.3 of the CPA-DD] | -  |
|  | Applicable to all projects    | The CPA is designed to limit undesired secondary market effects (e.g., leakage) and free riders by ensuring that replaced lamps are exchanged and destroyed. The following actions by the project participants are undertaken: <ol style="list-style-type: none"> <li>i. The CFLs [are/will be] installed directly;</li> <li>ii. A minimal price [is/will be] charged for efficient lighting equipment;</li> <li>iii. The number of lamps per household distributed through the CPA [is/will be] restricted to six CFLs.</li> </ol> | <input type="checkbox"/> [tick when met]<br><hr/> [Add reference to section A.2 of the CPA-DD]   | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>Purchase order of the unit[s]</li> <li>Commissioning/distribution report[s] and agreements;</li> <li>Other credible documents;</li> </ul>  |
| <b>Where applicable, target group (e.g. domestic/commercial/Industrial, rural/urban, grid-connected/off-grid) and distribution</b> | Applicable to all projects    | The CPA specifies the target group of the efficient lighting systems and related distribution mechanisms.   | <input type="checkbox"/> [tick when met]<br><hr/> [Add reference to section A.2 of the CPA-DD]   | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>The feasibility study report ;</li> <li>The Environmental Impact Assessment report;</li> <li>Technical sheet of the unit(s);</li> <li>A permit or certificate describing the project activity and purpose;</li> <li>Other credible documents;</li> </ul> |

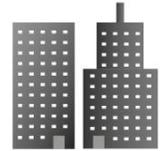


| Eligibility criteria as in the PoA standard   | Explanation and applicability                          | Proposed PoA-DD Blueprint text   | CPA-DD Indicator   | Guidance   |
|---|--|--|--|--|
| mechanisms (e.g. direct installation)   |  |  |  |  |
| <p><b>Where applicable, the conditions related to sampling requirements for a PoA in accordance with the approved guidelines/standard from the Board pertaining to sampling and surveys</b></p> | <p>Applicable to all projects which apply sampling</p> | <p>The sampling method applied in the CPA (e.g. in the monitoring plan) follows the “<i>Standard For Sampling And Surveys for CDM Project Activities And Programme of Activities</i>” version [add number].</p> <p>The sampling plan contains information relating to: (a) sampling design; (b) data to be collected; and (c) implementation plan.<sup>39</sup></p> <p>In addition, the CPA follows the following survey principles for activities related to determining number of CFLs placed in service and operating under the project activity and, if required, for determining the number of operating hours of baseline and project lamps:</p> <ul style="list-style-type: none"> <li>– The sampling size is determined by minimum 90% confidence interval and the 10% maximum error margin; the size of the sample shall be no less than 100;</li> <li>– Sampling [is/will be] statistically robust and relevant i.e., the survey has a random distribution and is representative of target population (size, location);</li> <li>– The method to select respondents for interviews is random;</li> <li>– The survey is conducted by site visits;</li> <li>– Only persons over age 12 are interviewed;</li> <li>– The project document[s] contain[s] the design details of the</li> </ul> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section B.6 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The baseline survey report;</li> <li>• The CME manual;</li> <li>• The monitoring manual;</li> <li>• Other documents;</li> </ul> |

<sup>39</sup> EB 65, Annex 2, Appendix 3

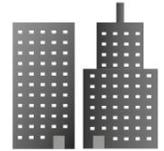


| Eligibility criteria as in the PoA standard   | Explanation and applicability   | Proposed PoA-DD Blueprint text   | CPA-DD Indicator   | Guidance   |
|---|---|--|--|--|
|   |   | survey.  |  |  |
| <p>Where applicable, the conditions that ensure that every CPA in aggregate meets the small-scale or microscale threshold criteria and remains within those thresholds throughout the crediting period of the CPA</p> | <p>Select one of the two options below (I or II).</p>   |  |  |  |
|   | <p>I. For CPAs NOT applying microscale additionality</p>  | <p>The CPA's energy savings in aggregate remains below 60 GWh per year throughout the crediting period;</p>  | <p><input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical design of the unit(s);</li> <li>• Other credible documents;</li> </ul> |
| <p>II. For CPAs applying microscale additionality</p>   | <p>The CPA's energy savings in aggregate remains below 20 GWh per year throughout the crediting period;</p> | <p><input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to section A.2 of the CPA-DD]</p> |  |  |

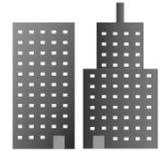


## 4.7 AMS-II.E: Building

| Eligibility criteria as in the PoA standard  | Explanation and applicability     | Proposed PoA-DD Blueprint text   | CPA-DD Indicator   | Guidance   |
|--|-----------------------------------|--|--|--|
| <p>The specifications of technology/measure including the level and type of service, performance specifications including compliance with testing/certifications</p> | <p>Applicable to all projects</p> | <p>The CPA-DD describes the building technologies in the CPA including their performance and technical specifications.</p>   | <p><input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to section A.4 of the CPA-DD]</p> | <p>-</p>   |
| <p>Conditions that ensure compliance with applicability and other requirements of single or multiple methodologies applied by CPAs</p>                               | <p>Applicable to all projects</p> | <p>The CPA comprises energy efficiency and/or fuel switching measures implemented at a single building, such as a commercial, institutional or residential building, or group of similar buildings, such as a school, district or university.</p> <p>The technologies applied within the CPA [are/will be] replacing existing equipment or installed in new facilities.</p> <p>The CPA includes project activities where it is possible to directly measure and record the energy use within the project boundary (e.g. electricity and/or fossil fuel consumption).</p> | <p><input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Government approvals of the design and/or manufacturing permits;</li> <li>• Regional or national testing papers, evidence of compliance with standards or certificates;</li> <li>• International testing papers, certificates or documents confirming compliance with international standards</li> <li>• The (approved) Environmental Impact Assessment report;</li> <li>• Other credible documents;</li> </ul> |

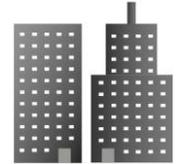


| Eligibility criteria as in the PoA standard  | Explanation and applicability                   | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Guidance   |
|--|---|---|---|--|
|  | Applicable to all projects                      | The CPA covers project activities where the impact of the measures implemented (improvements in energy efficiency) by the project activity can be clearly distinguished from changes in energy use due to other variables not influenced by the project activity (signal to noise ratio). | CPA-DD]<br><br><input type="checkbox"/> [tick when met]<br>_____ [Add reference to section A.2 of the CPA-DD] | <ul style="list-style-type: none"> <li>• Technical sheets of the unit[s];</li> <li>• Commissioning protocol;</li> <li>• Other credible documents;</li> </ul> <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Technical sheets of the unit[s];</li> <li>• Commissioning protocol;</li> <li>• Other credible documents;</li> </ul> |
| <b>Where applicable, target group (e.g. domestic/commercial/industrial, rural/urban, grid-connected/off-grid) and distribution mechanisms (e.g. direct installation)</b> | Applicable to all projects                      | The CPA specifies the target group of the building energy efficiency technology and related distribution mechanisms.  | <input type="checkbox"/> [tick when met]<br>_____ [Add reference to section A.2 of the CPA-DD]                | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical sheet of the unit(s);</li> <li>• A permit or certificate describing the project activity and purpose;</li> <li>• Other credible documents;</li> </ul>   |
| <b>Where applicable, the conditions related to sampling requirements for</b>   | Applicable to all projects which apply sampling | The sampling method applied in the CPA (e.g. in the monitoring plan) follows “Standard For Sampling And Surveys for CDM Project Activities And Programme of Activities” version [add number].   | <input type="checkbox"/> [tick when met]<br>_____ [Add reference to section B.6 of the CPA-DD]                | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• The baseline survey report;</li> <li>• The CME manual;</li> <li>• The monitoring manual;</li> </ul>  |



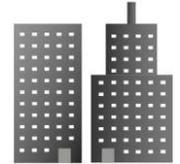
| Eligibility criteria as in the PoA standard   | Explanation and applicability                            | Proposed PoA-DD Blueprint text  | CPA-DD Indicator   | Guidance   |
|---|--|---|--|--|
| <p>a PoA in accordance with the approved guidelines/standard from the Board pertaining to sampling and surveys</p>  |  | <p>The sampling plan contains information relating to: (a) sampling design; (b) data to be collected; and (c) implementation plan.<sup>40</sup></p> |  | <ul style="list-style-type: none"> <li>Other documents;</li> </ul>   |
| <p>Where applicable, the conditions that ensure that every CPA in aggregate meets the small-scale or microscale threshold criteria and remains within those thresholds throughout the crediting period of the CPA</p> | <p>Select one of the two options below (I or II).</p>    |   |  |  |
|   | <p>I. For CPAs NOT applying microscale additionality</p> | <p>The CPA's energy savings in aggregate remains below 60 GWh per year throughout the crediting period;</p>   | <p><input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>The feasibility study report ;</li> <li>The Environmental Impact Assessment report;</li> <li>Technical design of the unit(s);</li> <li>Other credible documents;</li> </ul> |
|   | <p>II. For CPAs applying microscale additionality</p>    | <p>The CPA's energy savings in aggregate remains below 20 GWh per year throughout the crediting period;</p>   | <p><input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to section A.2 of the CPA-DD]</p> |  |

<sup>40</sup> EB 65, Annex 2, Appendix 3

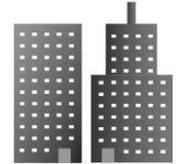


## 4.8 AMS-III.AE: Building

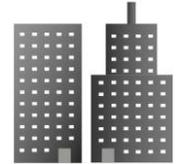
| Eligibility criteria as in the PoA standard  | Explanation and applicability     | Proposed PoA-DD Blueprint text   | CPA-DD Indicator   | Guidance   |
|--|-----------------------------------|--|--|--|
| <p>The specifications of technology/measure including the level and type of service, performance specifications including compliance with testing/certifications</p> | <p>Applicable to all projects</p> | <p>The CPA-DD describes the building technologies in the CPA including their performance and technical specifications.</p>                           | <p><input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to section A.4 of the CPA-DD]</p> | <p>-</p>   |
|  | <p>Applicable to all projects</p> | <p>All the building technologies within the CPA [will] comply with national and/or international hydropower equipment and services certificates.</p> | <p><input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to documented evidence]</p>       | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Government approvals of the design and/or manufacturing permits;</li> <li>• Regional or national testing papers, evidence of compliance with standards or certificates;</li> <li>• International testing papers, certificates or documents confirming compliance with international standards</li> <li>• The (approved) Environmental Impact Assessment report;</li> <li>• Other credible documents;</li> </ul> |
| <p>Conditions that ensure compliance with applicability and other requirements of single or multiple methodologies applied by CPAs</p>                               | <p>Applicable to all projects</p> | <p>The CPA comprises activities in new single or multiple-family residential buildings.</p>  | <p><input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Other credible documents;</li> </ul>   |
|  | <p>Applicable to all projects</p> | <p>The buildings under the CPA are grid connected.</p>   | <p><input type="checkbox"/> [tick when met]<br/>                     _____<br/>                     [Add reference to section A.2 of the</p>         | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> </ul>  |



| Eligibility criteria as in the PoA standard | Explanation and applicability | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Guidance   |
|---|-------------------------------|---|---|--|
|   |                               |   | CPA-DD]   | <ul style="list-style-type: none"> <li>• Power contract between the building(s) and a utility company;</li> <li>• Commissioning protocol of the grid-connected electricity meter;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Other credible documents;</li> </ul>   |
|   | Applicable to all projects    | The CPA reduces consumption of electricity through the use of one or more of the following measures: <ul style="list-style-type: none"> <li>- Efficient building design practices,</li> <li>- Efficiency technologies, and</li> <li>- Renewable energy technologies.</li> </ul> | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Other credible documents;</li> </ul>  |
|   | Applicable to all projects    | The CPA specifies that all equipment and building materials used in the project activity residences are new and not transferred from another project activity.  | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Purchase order of the applied technology;</li> <li>• Contract papers for the technology installation listing the material and technology;</li> <li>• Other credible documents;</li> </ul>  |
|   | Applicable to all projects    | The CPA demonstrates that all project activity residences comply with or exceed applicable standards and regulations (e.g., building codes).  | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Technical sheets of the technology [to be] applied;</li> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Audit reports;</li> <li>• Other credible documents;</li> </ul> |
|   | Applicable to all             | The CPA demonstrates that project residences do not use fossil or   | <input type="checkbox"/> [tick when met]  | Compliance with this criterion may be substantiated with one (or more) of the  |

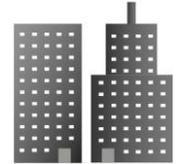


| Eligibility criteria as in the PoA standard | Explanation and applicability   | Proposed PoA-DD Blueprint text   | CPA-DD Indicator   | Guidance  |
|---|---|--|--|---|
|   | projects  | biomass fuels for space heating or cooling, i.e., such heating or cooling systems, if they exist, must be powered by electricity.  | <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p>   | <p>following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Audit reports;</li> <li>• Other credible documents;</li> </ul>  |
|   | Only if the baseline buildings use electricity for domestic water heating | The CPA specifies that project residences do not use fossil fuel for domestic water heating (i.e., project residences must use electricity and/or renewable energy for water heating), | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Audit reports;</li> <li>• Other credible documents;</li> </ul>  |
|   | Only if the baseline residences use electricity for cooking               | The CPA specifies that project residences do not use fossil fuel for cooking   | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Audit reports;</li> </ul> <p>Other credible documents;</p> <p>It is acceptable to use this methodology if both the project and baseline residences use fossil or biomass fuels for domestic water heating and/or cooking on the assumption that the project activity does not cause an increase in domestic water heating or cooking requirements. However, project proponents are encouraged in all cases to utilize high efficiency domestic water heating and cooking systems in the</p> |



| Eligibility criteria as in the PoA standard   | Explanation and applicability                          | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Guidance   |
|---|--|---|---|--|
| <p><b>Where applicable, target group (e.g. domestic/commercial/Industrial, rural/urban, grid-connected/off-grid) and distribution mechanisms (e.g. direct installation)</b></p>                 | <p>Applicable to all projects</p>                      | <p>The CPA specifies the target group of the building energy efficiency technologies and related distribution mechanisms.</p>   | <p><input type="checkbox"/> [tick when met]</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>project residences.</p> <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Other credible documents;</li> </ul> |
| <p><b>Where applicable, the conditions related to sampling requirements for a PoA in accordance with the approved guidelines/standard from the Board pertaining to sampling and surveys</b></p> | <p>Applicable to all projects which apply sampling</p> | <p>The sampling method applied in the CPA (e.g. in the monitoring plan) follows the “Standard For Sampling And Surveys for CDM Project Activities And Programme of Activities” version [add number].</p> <p>The sampling plan contains information relating to: (a) sampling design; (b) data to be collected; and (c) implementation plan.<sup>41</sup></p> <p>The CPA ensures that for electricity consumption sampling: The sample is selected to determine electricity consumption with a minimum confidence level of 90% and a maximum error bound of ±10%. The minimum sample size of occupied residences is 100, however if the project has fewer than 100 residences, then all occupied project residences’ electricity consumption are</p> | <p><input type="checkbox"/> [tick when met]</p> <p>[Add reference to section B.6 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The baseline survey report;</li> <li>• The CME manual;</li> <li>• The monitoring manual;</li> <li>• Other documents;</li> </ul>   |

<sup>41</sup> EB 65, Annex 2, Appendix 3



| Eligibility criteria as in the PoA standard  | Explanation and applicability  | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Guidance   |
|--|--|---|---|--|
|  |  | considered.   |   |  |
| <p>7.<br/>Where applicable, the conditions that ensure that every CPA in aggregate meets the small-scale or microscale threshold criteria and remains within those thresholds throughout the crediting period of the CPA</p> | <p>Select one of the two options below (I or II).</p> <p>I. For CPAs NOT applying microscale additionality</p> <p>II. For CPAs applying microscale additionality</p> | <p>The CPA's annual emission reductions in aggregate remains below 60 ktCO<sub>2e</sub> per year throughout the crediting period;</p> <p>The CPA's annual emission reductions in aggregate remains below 20 ktCO<sub>2e</sub> per year throughout the crediting period;</p> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical design of the unit(s);</li> <li>• Other credible documents;</li> </ul> |



#### 4.9 AMS-I.C: Solar water heaters

| Eligibility criteria as in the PoA standard  | Explanation and applicability              | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Guidance   |
|--|--|---|---|--|
| <p>The specifications of technology/measure including the level and type of service, performance specifications including compliance with testing/certifications</p> | <p>Applicable to all projects</p>          | <p>The CPA-DD describes solar water heaters (SWH) in the CPA including includes the back-up water heating system and any energy-consuming auxiliary equipment, e.g. pumps and controls with their performance and technical specifications.</p> | <p><input type="checkbox"/> [tick when met]<br/>_____</p> <p>[Add reference to section A.4 of the CPA-DD]</p> | <p>-</p>   |
|  | <p>Applicable to all projects</p>          | <p>All SWHs within the CPA [will] comply with national and/or international efficient stove and services certificates.</p>  | <p><input type="checkbox"/> [tick when met]<br/>_____</p> <p>[Add reference to documented evidence]</p>       | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Government approvals of the design and/or manufacturing permits;</li> <li>• Regional or national testing papers, evidence of compliance with standards or certificates;</li> <li>• International testing papers, certificates or documents confirming compliance with international standards</li> <li>• The (approved) Environmental Impact Assessment report;</li> <li>• Other credible documents;</li> </ul> |
| <p>Conditions that ensure compliance with applicability and other requirements of single or multiple methodologies applied by CPAs</p>                               | <p>Applicable to all projects</p>          | <p>All SWHs in the CPA [will] supply thermal energy to residential, industrial or commercial users and displace fossil fuel use</p>   | <p><input type="checkbox"/> [tick when met]<br/>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Other credible documents;</li> </ul>  |
| <p>Only for CPAs that involve the addition of renewable energy units at an existing renewable energy facility, select one of the two options below (I or II).</p>    |  |   |   |  |
|  | <p>I. For CPAs NOT applying microscale</p> | <p>The CPA's total capacity of the added units is below 45 MW thermal.</p>  | <p><input type="checkbox"/> [tick when met]<br/>_____</p> <p>[Add reference to</p>                            | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> </ul>  |



| Eligibility criteria as in the PoA standard   | Explanation and applicability  | Proposed PoA-DD Blueprint text   | CPA-DD Indicator   | Guidance  |
|---|--|--|--|---|
|   | <p>additionality</p> <p>II. For CPAs applying microscale additionality</p> | <p>The CPA's total capacity of the added units is below 15 MW thermal.</p>   | <p>section A.2 of the CPA-DD]</p> <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <ul style="list-style-type: none"> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Other credible documents;</li> </ul>  |
| <p><b>Where applicable, target group (e.g. domestic/commercial/industrial, rural/urban, grid-connected/off-grid) and distribution mechanisms (e.g. direct installation)</b></p> | <p>Applicable to all projects</p>  | <p>The CPA specifies the target group of SWH systems and relevant distribution mechanisms.</p>   | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p>                                   | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Other credible documents;</li> </ul> |
| <p><b>Where applicable, the conditions related to sampling requirements for a PoA in accordance with</b></p>  | <p>Applicable to all projects which apply sampling</p>                     | <p>The sampling method applied in the CPA (e.g. in the monitoring plan) follows the “Standard For Sampling And Surveys for CDM Project Activities And Programme of Activities” version [add number].</p> <p>The sampling plan contains information relating to: (a) sampling design; (b) data to be collected; and (c) implementation plan.<sup>42</sup></p> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section B.6 of the CPA-DD]</p>                                   | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The baseline survey report;</li> <li>• The CME manual;</li> <li>• The monitoring manual;</li> <li>• Other documents;</li> </ul>  |

<sup>42</sup> EB 65, Annex 2, Appendix 3



| Eligibility criteria as in the PoA standard  | Explanation and applicability                     | Proposed PoA-DD Blueprint text   | CPA-DD Indicator  | Guidance  |
|--|---|--|---|---|
| the approved guidelines/stand ar d from the Board pertaining to sampling and surveys   |   |  |   |   |
| Where applicable, the conditions that ensure that every CPA in aggregate meets the small-scale or microscale threshold criteria and remains within those thresholds throughout the crediting period of the CPA | Select one of the two options below (I or II).    |  |   |   |
|  | I. For CPAs NOT applying microscale additionality | The CPA's power capacity in aggregate remains below 45 MW thermal throughout the crediting period; | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical design of the unit(s);</li> <li>• Other credible documents;</li> </ul> |
|  | II. For CPAs applying microscale additionality    | The CPA's power capacity in aggregate remains below 15 MW thermal throughout the crediting period; | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] |   |



#### 4.10 AMS-I.J: Solar water heaters

| Eligibility criteria as in the PoA standard  | Explanation and applicability                    | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Guidance   |
|--|--|---|---|--|
| <p>The specifications of technology/measure including the level and type of service, performance specifications including compliance with testing/certifications</p> | <p>Applicable to all projects</p>                | <p>The CPA-DD describes solar water heaters (SWH) in the CPA including includes the back-up water heating system and any energy-consuming auxiliary equipment, e.g. pumps and controls with their performance and technical specifications.</p> | <p><input type="checkbox"/> [tick when met]<br/>_____</p> <p>[Add reference to section A.4 of the CPA-DD]</p> | <p>-</p>   |
|  | <p>Applicable to all projects</p>                | <p>All SWHs within the CPA [will] comply with national and/or international efficient stove and services certificates.</p>  | <p><input type="checkbox"/> [tick when met]<br/>_____</p> <p>[Add reference to documented evidence]</p>       | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Government approvals of the design and/or manufacturing permits;</li> <li>• Regional or national testing papers, evidence of compliance with standards or certificates;</li> <li>• International testing papers, certificates or documents confirming compliance with international standards</li> <li>• The (approved) Environmental Impact Assessment report;</li> <li>• Other credible documents;</li> </ul> |
| <p>Conditions that ensure compliance with applicability and other requirements of single or multiple methodologies applied by CPAs</p>                               | <p>Applicable to all projects</p>                | <p>All SWHs in the CPA [will] supply hot water to residential or commercial users and displace electricity or fossil fuel that would otherwise have been used to produce hot water.</p>   | <p><input type="checkbox"/> [tick when met]<br/>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Other credible documents;</li> </ul>  |
|  | <p>If the CPA includes retrofit SWH projects</p> | <p>The CPA specifies that retrofit projects [are/will be] SWH project(s) that replace existing electric or fossil fuel based water heating system(s) in existing facility(ies).</p>   | <p><input type="checkbox"/> [tick when met]<br/>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> </ul>   |



| Eligibility criteria as in the PoA standard | Explanation and applicability                       | Proposed PoA-DD Blueprint text   | CPA-DD Indicator   | Guidance  |
|---|---|--|--|---|
|   | <p>If the CPA includes SWH in new constructions</p> | <p>The CPA specifies the new construction projects as:</p> <ol style="list-style-type: none"> <li>I. SWH project(s) installed in new facility(ies);</li> <li>II. SWH project(s) installed in existing facility(ies) that, prior to the project implementation, do not have installed water heating systems;</li> <li>III. SWH project(s) installed in existing facility(ies) which require water heating capacity expansions; or</li> <li>IV. Replacement of failed solar water heating system(s).</li> </ol> <p>In addition the CPA demonstrates that for new construction projects, conventional electric or fossil fuel based water heating system(s) would have been installed in the absence of the project activity.</p> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <ul style="list-style-type: none"> <li>• Other credible documents:</li> </ul> |
|   | <p>If the CPA includes residential SWH systems</p>  | <p>The CPA specifies that residential SWH systems:</p> <ol style="list-style-type: none"> <li>a. [will] Supply Heats water to be used for domestic purposes only (e.g. bathing, cooking, clothes washing, etc.);</li> <li>b. [are/will be] installed to serve one or more residences; and</li> <li>c. [will] have a maximum stand-alone (independent) collector area of 100 m<sup>2</sup>;</li> </ol>  |  |   |
|   | <p>If the CPA includes commercial SWH systems</p>   | <p>The CPA specifies that commercial SWH systems [will] include operational indicators that may be easily interpreted by the intended users of the systems and that indicate that water is being heated by solar energy. The minimum requirement for such an indicator is a visible temperature display (thermometer) on the solar preheat storage tank.</p>   | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> |   |
|   | <p>Applicable to all</p>                            | <p>The CPA demonstrates that:</p>  | <p><input type="checkbox"/> [tick when met]</p>  |   |



| Eligibility criteria as in the PoA standard | Explanation and applicability   | Proposed PoA-DD Blueprint text   | CPA-DD Indicator   | Guidance |
|---|---|--|--|----------|
|   | <p>projects (not applicable for solar thermal parabolic and trough type collectors used for high grade solar thermal energy applications)</p> <p>Applicable to all projects</p> | <ul style="list-style-type: none"> <li>- The maximum output of the applied SWHs [are/will be] calculated using a conversion factor of 700 Wth/m<sup>2</sup> of aperture area of glazed flat plate or evacuated tubular collector i.e. eligibility limit in terms of aperture area is 64000 m<sup>2</sup> of the collector.</li> <li>- Project participants also [will] use other conversion factors determined as the following:<sup>43</sup> <ol style="list-style-type: none"> <li>a. The appropriate value specified in the methodology that is being applied;</li> <li>b. If the value specified in sub-paragraph (a) is not available, the national standard for the performance of the equipment type (project participants shall identify the standard used);</li> <li>c. If the value specified in sub-paragraph (b) is not available, an international standard for the performance of the equipment type, such as International Organization for Standardization (ISO) and International Electrotechnical Commission (IEC) standards (project participants shall identify the standard used);</li> <li>d. If a value specified in sub-paragraph (c) is not available, the manufacturer's specifications provided</li> </ol> </li> </ul> <p>The CPA justifies why the chosen conversion factor is more appropriate to the project activity.</p> <p>The CPA specifies that for residential and commercial SWH projects the hot water consumption rate and temperature at which the hot water is supplied to the load (for example, 40 liters per day at 40° C), that occur during the crediting period</p> | <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-</p> |          |

<sup>43</sup> EB61, Annex21, Paragraph 9



| Eligibility criteria as in the PoA standard   | Explanation and applicability                          | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Guidance  |
|---|--|---|---|---|
|   | <p>Only if the CPA applies model simulation</p>        | <p>[are/will be] used to determine emissions savings.</p> <p>The CPA defines the conditions under which the model need to be calibrated (or conditions under which model need not be calibrated for inclusion of a CPA). Where there is a defined need to calibrate the model it [is/will be] calibrated within the first year of project installation using data (energy use, weather data, water consumption rate, baseline and project system characteristics, and residence characteristics) collected during the same year that the model is calibrated. The model meets the specifications of and [is/will be] calibrated to the requirements of relevant internally recognized standards/guidelines, e.g. ASHRAE Guideline 14-2002, Measurement of Energy and Demand Savings, Whole Building Calibrated Simulation Performance Path.</p> | <p>DD]</p> <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> |   |
| <p><b>Where applicable, target group (e.g. domestic/commercial/Industrial, rural/urban, grid-connected/off-grid) and distribution mechanisms (e.g. direct installation)</b></p> | <p>Applicable to all projects</p>                      | <p>The CPA specifies the target group of SWH systems and relevant distribution mechanisms.</p>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p>            | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Other credible documents;</li> </ul> |
| <p><b>Where applicable, the conditions related to sampling requirements for a</b></p>   | <p>Applicable to all projects which apply sampling</p> | <p>The sampling method applied in the CPA (e.g. in the monitoring plan) follows the “Standard For Sampling And Surveys for CDM Project Activities And Programme of Activities” version [add number].</p>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section B.6 of the CPA-</p>               | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The baseline survey report;</li> <li>• The CME manual;</li> </ul>  |



| Eligibility criteria as in the PoA standard   | Explanation and applicability                            | Proposed PoA-DD Blueprint text   | CPA-DD Indicator   | Guidance   |
|---|--|--|--|--|
| <p>PoA in accordance with the approved guidelines/standard from the Board pertaining to sampling and surveys</p>  |  | <p>The sampling plan contains information relating to: (a) sampling design; (b) data to be collected; and (c) implementation plan.<sup>44</sup> Such sampling takes into consideration occupancy and demographics Differences.</p> <p>If biennial inspection is chosen a 95% confidence interval and 5% margin of error is achieved for the sampling parameter.</p> <p>If annual inspection is chosen, a 90% confidence interval and 10% margin of error is achieved for the sampling parameter.</p> | <p>DD]</p>   | <ul style="list-style-type: none"> <li>• The monitoring manual;</li> <li>• Other documents;</li> </ul>   |
| <p>Where applicable, the conditions that ensure that every CPA in aggregate meets the small-scale or microscale threshold criteria and remains within those thresholds throughout the crediting period of the CPA</p> | <p>Select one of the two options below (I or II).</p>    |  |  |  |
|   | <p>I. For CPAs NOT applying microscale additionality</p> | <p>The CPA's power capacity in aggregate remains below 45 MW thermal throughout the crediting period;</p>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical design of the unit(s);</li> <li>• Other credible documents;</li> </ul> |
|   | <p>II. For CPAs applying microscale additionality</p>    | <p>The CPA's power capacity in aggregate remains below 15 MW thermal throughout the crediting period;</p>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> |  |

<sup>44</sup> EB 65, Annex 2, Appendix 3



## 4.11 AMS-III.D: Animal waste / methane avoidance

| Eligibility criteria as in the PoA standard  | Explanation and applicability     | Proposed PoA-DD Blueprint text   | CPA-DD Indicator   | Guidance  |
|--|-----------------------------------|--|--|---|
| <p>The specifications of technology/measure including the level and type of service, performance specifications including compliance with testing/certifications</p> | <p>Applicable to all projects</p> | <p>The CPA-DD describes the animal waste management and methane avoidance technologies in the CPA including their performance and technical specifications.</p>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.4 of the CPA-DD]</p> | <p>-</p>  |
|  | <p>Applicable to all projects</p> | <p>All the animal waste management and methane avoidance technologies within the CPA [will] comply with national and/or international hydropower equipment and services certificates.</p>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to documented evidence]</p>       | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Government approvals of the design and/or manufacturing permits;</li> <li>• Regional or national testing papers, evidence of compliance with standards or certificates;</li> <li>• International testing papers, certificates or documents confirming compliance with international standards</li> <li>• The (approved) Environmental Impact Assessment report;</li> <li>• Other credible documents;</li> </ul>  |
| <p>Conditions that ensure compliance with applicability and other requirements of single or multiple methodologies applied by CPAs</p>                               | <p>Applicable to all projects</p> | <p>The CPA comprises activities involving the replacement or modification of anaerobic animal manure management systems in livestock farms or several farms in a centralized plant to achieve methane recovery and destruction by flaring/combustion or gainful use of the recovered methane (see paragraph 3 of AMS-III.H).</p> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Other credible documents;</li> </ul> <p>Paragraph 3 of AMS-III.H:</p> <p>The recovered biogas may also be utilised for the following applications instead of combustion/flaring:</p> <ol style="list-style-type: none"> <li>a. Thermal or mechanical, electrical energy generation directly;</li> </ol> |



| Eligibility criteria as in the PoA standard | Explanation and applicability     | Proposed PoA-DD Blueprint text   | CPA-DD Indicator  | Guidance  |
|---|-----------------------------------|--|---|---|
|   | <p>Applicable to all projects</p> | <p>The CPA demonstrates the followings:</p> <ol style="list-style-type: none"> <li>The livestock population in the farm [is/will be] managed under confined conditions;</li> <li>Manure or the streams obtained after treatments [are not/will not be] discharged into natural water resources (e.g. river or estuaries);</li> <li>The annual average temperature of baseline site where anaerobic manure treatment facility [is/will be] located is higher than 5°C;</li> <li>In the baseline scenario the retention time of manure waste in the anaerobic treatment system is greater than one month, and in case of anaerobic lagoons in the baseline, their depths are at least 1 m;</li> <li>No methane recovery and destruction by flaring, combustion or gainful use takes place in the baseline scenario.</li> </ol> | <p><input type="checkbox"/> [tick when met]</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <ol style="list-style-type: none"> <li>Thermal or mechanical, electrical energy generation after bottling of upgraded biogas, in this case additional guidance provided in Annex 1 shall be followed; or</li> <li>Thermal or mechanical, electrical energy generation after upgrading and distribution, in this case additional guidance provided in Annex 1 AMS-III.H shall be followed: (i) Upgrading and injection of biogas into a natural gas distribution grid with no significant transmission constraints; (ii) Upgrading and transportation of biogas via a dedicated piped network to a group of end users; or (iii) Upgrading and transportation of biogas (e.g. by trucks) to distribution points for end users.</li> <li>Hydrogen production;</li> <li>Use as fuel in transportation applications after upgrading.</li> </ol> <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>Feasibility Study Report[s] ;</li> <li>Environmental Impact Assessment report[s];</li> <li>Commissioning protocol;</li> <li>Certificates and/or permits for the project activity;</li> <li>Other credible documents;</li> </ul> |



| Eligibility criteria as in the PoA standard | Explanation and applicability                                   | Proposed PoA-DD Blueprint text  | CPA-DD Indicator   | Guidance  |
|---|---|---|--|---|
|   | Applicable to all projects                                      | <p>The CPA justifies the following conditions:</p> <ol style="list-style-type: none"> <li>The residual waste from the animal manure management system [is/will be] handled aerobically, otherwise the related emissions [is/will be] taken into account as per relevant procedures of AMS-III.AO. In case of soil application, proper conditions and procedures (not resulting in methane emissions) [is/will be] ensured;</li> <li>Technical measures [are/will be] used (including a flare for exigencies) to ensure that all biogas produced by the digester is used or flared;</li> <li>The storage time of the manure after removal from the animal barns, including transportation, [does not/will not] exceed 45 days before being fed into the anaerobic digester. (If the project proponent demonstrates that the dry matter content of the manure when removed from the animal barns is larger than 20%, this time constraint does not apply).</li> </ol> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Other credible documents;</li> </ul>  |
|   | For Greenfield projects or projects involving capacity addition | <p>The CPA demonstrates demonstrate that the most plausible baseline scenario for the project activity(ies) is the baseline provided in the methodology. The demonstration includes the assessment of the alternatives of the project activity using the steps elaborated in paragraph 19 of General Guidelines to SSC CDM methodologies.<sup>45</sup></p>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• References to the common practice in the host country;</li> <li>• Other credible documents;</li> </ul> <p>Paragraph 19 of General Guidelines to SSC CDM methodologies:</p> <p>Type II and III Greenfield (new facilities) including capacity addition projects: may</p> |

<sup>45</sup> EB61, Annex21



| Eligibility criteria as in the PoA standard  | Explanation and applicability | Proposed PoA-DD Blueprint text   | CPA-DD Indicator  | Guidance  |
|--|-------------------------------|--|---|---|
|  |                               |  |   | <p>use a Type II and Type III smallscale methodology provided that they can demonstrate that the most plausible baseline scenario for this project activity is the baseline provided in the respective Type II and Type III small-scale methodology. The demonstration should include the assessment of the alternatives of the project activity using the following steps:</p> <p>Step 1: Identify the various alternatives available to the project proponent that deliver comparable level of service including the proposed project activity undertaken without being registered as a CDM project activity.</p> <p>Step 2: List the alternatives identified per Step 1 in compliance with the local regulations (if any of the identified baseline is not in compliance with the local regulations, then exclude the same from further consideration).</p> <p>Step 3: Eliminate and rank the alternatives identified in Step 2 taking into account barrier tests specified in attachment A to Appendix B of the simplified modalities and procedures of SSC CDM.</p> <p>Step 4: If only one alternative remains that is:</p> <ul style="list-style-type: none"> <li>• Not the proposed project activity undertaken without being registered as a CDM project activity; and</li> <li>• It corresponds to one of the baseline scenarios provided in the methodology; then the project activity is eligible under the methodology.</li> </ul> <p>If more than one alternative remain that correspond to the baseline scenarios provided in the methodology, choose the alternative with the least emissions as the baseline.</p> |
| For projects involving equipment replacement |                               | The CPA meets the requirements concerning demonstration of the remaining lifetime of the replaced equipment. Project participant(s) estimate(s) the point in time where the existing equipment would be replaced in the absence of the project activity in accordance with | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Technical sheets of the technology;</li> <li>• Feasibility Study Report[s] ;</li> </ul>   |



| Eligibility criteria as in the PoA standard   | Explanation and applicability                       | Proposed PoA-DD Blueprint text   | CPA-DD Indicator   | Guidance   |
|---|---|--|--|--|
|   |   | <p>the Tool to determine the remaining lifetime of equipment version [add number].<sup>46</sup></p>  | <p>CPA-DD]</p>   | <ul style="list-style-type: none"> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Audit reports;</li> <li>• <b>Manufacturer's information on the technical lifetime of equipment and compare to the date of first commissioning;</b></li> <li>• An expert evaluation;</li> <li>• Other credible documents;</li> </ul> |
|   | <p>For projects involving equipment replacement</p> | <p>The CPA demonstrates the following:</p> <p>In case the project activity involves the replacement of equipment, and the leakage effect of the use of the replaced equipment in another activity is neglected, because the replaced equipment is scrapped, an independent monitoring of scrapping of replaced equipment [is/will be] implemented. The monitoring includes a check if the number of project activity equipment distributed by the project and the number of scrapped equipment correspond with each other. For this purpose scrapped equipment [is/will be] stored until such correspondence is checked. The scrapping of replaced equipment [is/will be] documented and independently verified.</p> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>-</p>   |
| <p><b>Where applicable, target group (e.g. domestic/commercial/Industrial, rural/urban, grid-</b></p> | <p>Applicable to all projects</p>                   | <p>The CPA specifies the target group of the animal waste management and methane avoidance technologies and relevant distribution mechanisms.</p>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical sheet of the unit(s);</li> <li>• A permit or certificate describing the project activity and purpose;</li> </ul>   |

<sup>46</sup> EB50, Annex15



| Eligibility criteria as in the PoA standard  | Explanation and applicability                         | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Guidance   |
|--|---|---|---|--|
| connected/off-grid) and distribution mechanisms (e.g. direct installation)   |   |   |   | <ul style="list-style-type: none"> <li>Other credible documents;</li> </ul>  |
| Where applicable, the conditions related to sampling requirements for a PoA in accordance with the approved guidelines/standards from the Board pertaining to sampling and surveys | Applicable to all projects which apply sampling       | <p>The sampling method applied in the CPA (e.g. in the monitoring plan) follows the “Standard For Sampling And Surveys for CDM Project Activities And Programme of Activities” version [add number].</p> <p>The sampling plan contains information relating to: (a) sampling design; (b) data to be collected; and (c) implementation plan.<sup>47</sup></p> <p>In case of sampling a maximum margin of 10% error and 90% confidence level is followed.</p> | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section B.6 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>The baseline survey report;</li> <li>The CME manual;</li> <li>The monitoring manual;</li> <li>Other documents;</li> </ul>                |
| Where applicable, the conditions that ensure that every CPA in aggregate meets the small-scale or  | <i>Select one of the two options below (I or II).</i> |   |   |  |
|  | I. For CPAs NOT applying microscale additionality     | The CPA’s annual emission reductions in aggregate remains below 60 ktCO <sub>2e</sub> per year throughout the crediting period;   | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>The feasibility study report ;</li> <li>The Environmental Impact Assessment report;</li> <li>Technical design of the unit(s);</li> </ul> |

<sup>47</sup> EB 65, Annex 2, Appendix 3



| Eligibility criteria as in the PoA standard   | Explanation and applicability                         | Proposed PoA-DD Blueprint text  | CPA-DD Indicator   | Guidance  |
|---|---|---|--|---|
| <p>microscale threshold criteria and remains within those thresholds throughout the crediting period of the CPA</p> | <p>II. For CPAs applying microscale additionality</p> | <p>The CPA's annual emission reductions in aggregate remains below 20 ktCO<sub>2e</sub> per year throughout the crediting period;</p> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <ul style="list-style-type: none"> <li>Other credible documents;</li> </ul> |

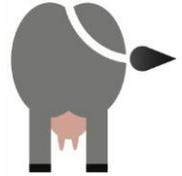


## 4.12 AMS-III.R: Animal waste / methane avoidance

| Eligibility criteria as in the PoA standard   | Explanation and applicability | Proposed PoA-DD Blueprint text   | CPA-DD Indicator  | Guidance  |
|---|-------------------------------|--|---|---|
| The specifications of technology/measure including the level and type of service, performance specifications including compliance with testing/certifications | Applicable to all projects    | The CPA-DD describes the animal waste management and methane avoidance technologies in the CPA including their performance and technical specifications.   | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.4 of the CPA-DD] | -   |
|   | Applicable to all projects    | All the animal waste management and methane avoidance technologies within the CPA [will] comply with national and/or international hydropower equipment and services certificates.   | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to documented evidence]       | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Government approvals of the design and/or manufacturing permits;</li> <li>• Regional or national testing papers, evidence of compliance with standards or certificates;</li> <li>• International testing papers, certificates or documents confirming compliance with international standards</li> <li>• The (approved) Environmental Impact Assessment report;</li> <li>• Other credible documents;</li> </ul> |
| Conditions that ensure compliance with applicability and other requirements of single or multiple methodologies applied by CPAs                               | Applicable to all projects    | The CPA comprises activities recovery and destruction of methane from manure and wastes from agricultural activities that would be decaying anaerobically emitting methane to the atmosphere in the absence of the project activity.                     | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Other credible documents;</li> </ul>   |
|   | Applicable to all projects    | The CPA is limited to measures at individual households or small farms (e.g. installation of a domestic biogas digester) with methane recovery systems that achieve an annual emission reduction of less than or equal to 5 tCO <sub>2</sub> per system. | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the         | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> </ul>  |

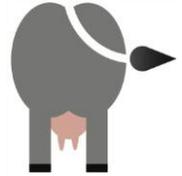


| Eligibility criteria as in the PoA standard | Explanation and applicability | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Guidance  |
|---|-------------------------------|---|---|---|
|   |                               |   | CPA-DD]   | <ul style="list-style-type: none"> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Other credible documents;</li> </ul>   |
|   | Applicable to all projects    | The CPA specifies that methane emissions are prevented by: <ol style="list-style-type: none"> <li>Installing methane recovery and combustion system to an existing source of methane emissions; or</li> <li>Changing the management practice of a biogenic waste or raw material in order to achieve the controlled anaerobic digestion equipped with methane recovery and combustion system.</li> </ol>  | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Other credible documents;</li> </ul> |
|   | Applicable to all projects    | The CPA uses the methodology in combination with: <ul style="list-style-type: none"> <li>– AMS-I.C “Thermal energy production with or without electricity” and/or</li> <li>– AMS-I.I “Biogas/biomass thermal applications for households/small users” and/or</li> <li>– AMS-I.E “Switch from non-renewable biomass for thermal applications by the user”</li> </ul>   | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | -   |
|   | Applicable to all projects    | The CPA satisfies the following conditions: <ol style="list-style-type: none"> <li>The sludge [is/will be] handled aerobically. In case of soil application of the final sludge the proper conditions and procedures that ensure that there are no methane emissions [is/will be] ensured;</li> <li>Measures [are/will be] used (e.g. combusted or burnt in a biogas burner for cooking needs) to ensure that all the methane collected by the recovery system is destroyed.</li> </ol> | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Other credible documents;</li> </ul> |
| Where applicable,                           | Applicable to all             | The CPA specifies the target group of the animal waste  | <input type="checkbox"/> [tick when met]  | Compliance with this criterion may be substantiated with one (or more) of the   |



| Eligibility criteria as in the PoA standard  | Explanation and applicability                          | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Guidance  |
|--|--|---|---|---|
| <p>target group (e.g. domestic/commercial/Industrial, rural/urban, grid-connected/off-grid) and distribution mechanisms (e.g. direct installation)</p>                                   | <p>projects</p>  | <p>management and methane avoidance technologies and relevant distribution mechanisms.</p>  | <p>[Add reference to section A.2 of the CPA-DD]</p>   | <p>following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical sheet of the unit(s);</li> <li>• A permit or certificate describing the project activity and purpose;</li> <li>• Other credible documents;</li> </ul> |
| <p>Where applicable, the conditions related to sampling requirements for a PoA in accordance with the approved guidelines/standard from the Board pertaining to sampling and surveys</p> | <p>Applicable to all projects which apply sampling</p> | <p>The sampling method applied in the CPA (e.g. in the monitoring plan) follows the “Standard For Sampling And Surveys for CDM Project Activities And Programme of Activities” version [add number].</p> <p>The sampling plan contains information relating to: (a) sampling design; (b) data to be collected; and (c) implementation plan.<sup>48</sup></p> <p>In case of sampling a maximum margin of 10% error and 90% confidence level is followed.</p> | <p><input type="checkbox"/> [tick when met]</p> <p>[Add reference to section B.6 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The baseline survey report;</li> <li>• The CME manual;</li> <li>• The monitoring manual;</li> <li>• Other documents;</li> </ul>  |
| <p>Where applicable, the conditions</p>  | <p>Select one of the two options below (I or II).</p>  |   | <p><input type="checkbox"/> [tick when met]</p>   | <p>Compliance with this criterion may be substantiated with one (or more) of the</p>  |
|  | <p>I. For CPAs NOT</p>                                 | <p>The CPA’s annual emission reductions in aggregate remains below</p>  |   |   |

<sup>48</sup> EB 65, Annex 2, Appendix 3



| Eligibility criteria as in the PoA standard  | Explanation and applicability  | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Guidance   |
|--|--|---|---|--|
| <p>that ensure that every CPA in aggregate meets the small-scale or microscale threshold criteria and remains within those thresholds throughout the crediting period of the CPA</p> | <p>applying microscale additionality</p> <p>II. For CPAs applying microscale additionality</p> | <p>60 ktCO<sub>2e</sub> per year throughout the crediting period;</p> <p>The CPA's annual emission reductions in aggregate remains below 20 ktCO<sub>2e</sub> per year throughout the crediting period;</p> | <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical design of the unit(s);</li> <li>• Other credible documents;</li> </ul> |



### 4.13 ACM0001: Landfill / methane avoidance

| Eligibility criteria as in the PoA standard  | Explanation and applicability     | Proposed PoA-DD Blueprint text  | CPA-DD Indicator   | Guidance   |
|--|-----------------------------------|---|--|--|
| <p>The specifications of technology/measure including the level and type of service, performance specifications including compliance with testing/certifications</p> | <p>Applicable to all projects</p> | <p>The CPA-DD describes the landfill and methane avoidance technologies in the CPA including their performance and technical specifications.</p>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.4 of the CPA-DD]</p> | <p>-</p>   |
|  | <p>Applicable to all projects</p> | <p>All the landfill and methane avoidance technologies within the CPA [will] comply with national and/or international hydropower equipment and services certificates.</p>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to documented evidence]</p>       | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Government approvals of the design and/or manufacturing permits;</li> <li>• Regional or national testing papers, evidence of compliance with standards or certificates;</li> <li>• International testing papers, certificates or documents confirming compliance with international standards</li> <li>• The (approved) Environmental Impact Assessment report;</li> <li>• Other credible documents;</li> </ul> |
| <p>Conditions that ensure compliance with applicability and other requirements of single or multiple methodologies applied by CPAs</p>                               | <p>Applicable to all projects</p> | <p>The CPA comprises project activities which [will]:</p> <ol style="list-style-type: none"> <li>Install a new LFG capture system in a new or existing SWDS; or</li> <li>Make an investment into an existing LFG capture system to increase the recovery rate or change the use of the captured LFG, provided that: (i) The captured LFG was only vented or flared and not used prior to the implementation of the project activity; and (ii) In the case of an existing active LFG capture system for which the amount of LFG cannot be collected separately from the project system after the implementation of the project activity and its efficiency is not impacted on by the project system: historical data on the amount of LFG capture and</li> </ol> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Other credible documents;</li> </ul>   |



| Eligibility criteria as in the PoA standard | Explanation and applicability           | Proposed PoA-DD Blueprint text  | CPA-DD Indicator   | Guidance   |
|---|---|---|--|--|
|   |   | <p>flared is available.</p> <p>C. Flare the LFG and/or use the captured LFG in any (combination) of the following ways: (i) Generating electricity; (ii) Generating heat in a boiler, air heater or kiln (brick firing only); and/or (iii) Supplying the LFG to consumers through a natural gas distribution network.</p> <p>d. Do not reduce the amount of organic waste that would be recycled in the absence of the project activity.</p>  |  |  |
|   | <p>Applicable to all projects</p>       | <p>The CPA confirms that the most plausible baseline scenario is:</p> <p>a. Partial or total release of the LFG from the Solid Waste Disposal Site (SWDS); and</p> <p>b. In the case that the LFG is used in the project activity for generating electricity and/or generating heat in a boiler, air heat or kiln; (i) For electricity generation: that electricity would be generated in the grid or in captive fossil fuel fired power plants; and/or (ii) For heat generation: that heat would be generated using fossil fuels in on-site equipment.</p> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Other credible documents;</li> </ul> |
|   | <p>Applicable to all projects</p>       | <p>The CPA confirms the following:</p> <p>a. The methodology is not used in combination with other methodologies;</p> <p>b. The management of the SWDS in the project activity is NOT deliberately changed in order to increase methane generation compared to the situation prior to the implementation of the project activity (e.g. other to meet a technical or regulatory requirement).</p>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>-</p>   |
|   | <p>If LFG is used in equipment that</p> | <p>The CPA confirms that for each item of equipment which was in operation prior to the implementation of the project activity and</p>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p>   | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p>  |



| Eligibility criteria as in the PoA standard   | Explanation and applicability   | Proposed PoA-DD Blueprint text   | CPA-DD Indicator   | Guidance   |
|---|---|--|--|--|
|   | <p>was in operation prior to the implementation of the project activity</p> | <p>in which the captured LFG is used after the implementation of the project activity, project participants shall estimate its <b>remaining lifetime by applying the “Tool to determine the remaining lifetime of equipment”</b>.<sup>49</sup> These items of equipment and their remaining lifetime shall be recorded in the CPA-DD.</p> <p>In addition the CPA ensures that at the end of the remaining lifetime of each item of equipment, the procedure for the selection of the most plausible baseline scenario related to electricity and/or heat generation [is/will be] updated in order to determine the most plausible baseline fuel that would be used after installation of the new equipment in the absence of the CDM project activity. At the same time, the parameters related to this item of equipment [are/will be] also re-estimated according to the procedures to make the original estimation.</p> | <p>[Add reference to section A.2 of the CPA-DD]</p>  | <ul style="list-style-type: none"> <li>• Technical sheets of the technology;</li> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Audit reports;</li> <li>• <b>Manufacturer’s information on the technical lifetime of equipment and compare to the date of first commissioning;</b></li> <li>• An expert evaluation;</li> <li>• Other credible documents;</li> </ul> |
| <p><b>Where applicable, target group (e.g. domestic/commercial/industrial, rural/urban, grid-connected/off-grid) and distribution mechanisms (e.g. direct installation)</b></p> | <p>Applicable to all projects</p>   | <p>The CPA specifies the target group of the landfill and methane avoidance technologies and relevant distribution mechanisms.</p>   | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical sheet of the unit(s);</li> <li>• A permit or certificate describing the project activity and purpose;</li> <li>• Other credible documents;</li> </ul>  |
| <p><b>Where applicable, the conditions related to sampling</b></p>  | <p>Applicable to all projects which apply sampling</p>                      | <p>The sampling method applied in the CPA (e.g. in the monitoring plan) follows “Standard For Sampling And Surveys for CDM Project Activities And Programme of Activities” version [add</p>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to</p>                            | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The baseline survey report;</li> </ul>  |

<sup>49</sup> EB50, Annex15



| Eligibility criteria as in the PoA standard   | Explanation and applicability                                      | Proposed PoA-DD Blueprint text  | CPA-DD Indicator   | Guidance   |
|---|--|---|--|--|
| <p>requirements for a PoA in accordance with the approved guidelines/standard from the Board pertaining to sampling and surveys</p>   | <p>In case common sampling plan for a group of CPAs is applied</p> | <p>number].</p> <p>The sampling plan contains information relating to: (a) sampling design; (b) data to be collected; and (c) implementation plan.<sup>50</sup></p> <p>In case of sampling for large-scale project activities are applied: a maximum margin of 10% error and 95% confidence level is followed.</p> <p>The CPA complies with the thresholds for micro-scale projects: The CPA in aggregate generates not more than 20 kt CO<sub>2e</sub> per year; and the total power/heat generation units utilizing the captured biogas do not exceed 5MW/15MW<sub>thermal</sub>.</p> | <p>section B.6 of the CPA-DD]</p> <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section B.6 of the CPA-DD]</p> | <ul style="list-style-type: none"> <li>• The CME manual;</li> <li>• The monitoring manual;</li> <li>• Other documents;</li> </ul> <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical design of the unit(s);</li> <li>• Other credible documents;</li> </ul> |
| <p>Where applicable, the conditions that ensure that every CPA in aggregate meets the small-scale or microscale threshold criteria and remains within those thresholds throughout the crediting period of the CPA</p> | <p>Not Applicable to large scale methodologies</p>                 | <p>n/a</p>  | <p>n/a</p>   | <p>n/a</p>   |

<sup>50</sup> EB 65, Annex 2, Appendix 3



## 4.14 AMS-III.G: Landfill / methane avoidance

| Eligibility criteria as in the PoA standard   | Explanation and applicability | Proposed PoA-DD Blueprint text   | CPA-DD Indicator  | Guidance  |
|---|-------------------------------|--|---|---|
| The specifications of technology/measure including the level and type of service, performance specifications including compliance with testing/certifications | Applicable to all projects    | The CPA-DD describes the landfill and methane avoidance technologies in the CPA including their performance and technical specifications.  | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.4 of the CPA-DD] | -   |
|   | Applicable to all projects    | All the landfill and methane avoidance technologies within the CPA [will] comply with national and/or international hydropower equipment and services certificates.  | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to documented evidence]       | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Government approvals of the design and/or manufacturing permits;</li> <li>• Regional or national testing papers, evidence of compliance with standards or certificates;</li> <li>• International testing papers, certificates or documents confirming compliance with international standards</li> <li>• The (approved) Environmental Impact Assessment report;</li> <li>• Other credible documents;</li> </ul> |
| Conditions that ensure compliance with applicability and other requirements of single or multiple methodologies applied by CPAs                               | Applicable to all projects    | The CPA comprises measures to capture and destruct methane from landfills (i.e. solid waste disposal sites) used for disposal of residues from human activities including municipal, industrial, and other solid wastes containing biodegradable organic matter. | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Other credible documents;</li> </ul>   |
|   | Applicable to all projects    | The CPA achieves methane recovery and destruction by flaring/combustion or gainful use of the recovered methane (paragraph 3 of AMS-III.H).  | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the         | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> </ul>  |



| Eligibility criteria as in the PoA standard | Explanation and applicability                | Proposed PoA-DD Blueprint text  | CPA-DD Indicator   | Guidance   |
|---|--|---|--|--|
|   |  |   | CPA-DD]  | <ul style="list-style-type: none"> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Other credible documents;</li> </ul> <p>Paragraph 3 of AMS-III.H:<br/>The recovered biogas may also be utilised for the following applications instead of combustion/flaring:</p> <ol style="list-style-type: none"> <li>Thermal or mechanical, electrical energy generation directly;</li> <li>Thermal or mechanical, electrical energy generation after bottling of upgraded biogas, in this case additional guidance provided in Annex 1 shall be followed; or</li> <li>Thermal or mechanical, electrical energy generation after upgrading and distribution, in this case additional guidance provided in Annex 1 AMS-III.H shall be followed: (i) Upgrading and injection of biogas into a natural gas distribution grid with no significant transmission constraints; (ii) Upgrading and transportation of biogas via a dedicated piped network to a group of end users; or (iii) Upgrading and transportation of biogas (e.g. by trucks) to distribution points for end users.</li> <li>Hydrogen production;</li> <li>Use as fuel in transportation applications after upgrading.</li> </ol> |
|   | For projects involving equipment replacement | <p>The CPA demonstrates the following:</p> <p>In case the project activity involves the replacement of equipment, and the leakage effect of the use of the replaced equipment in another activity is neglected, because the replaced equipment is scrapped, an independent monitoring of scrapping of replaced equipment [is/will be] implemented. The monitoring includes a check if the number of project activity equipment distributed by the</p> | <input type="checkbox"/> [tick when met]<br><br>[Add reference to section A.2 of the CPA-DD] | -  |



| Eligibility criteria as in the PoA standard   | Explanation and applicability                          | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Guidance  |
|---|--|---|---|---|
|   |  | <p>project and the number of scrapped equipment correspond with each other. For this purpose scrapped equipment [is/will be] stored until such correspondence is checked. The scrapping of replaced equipment [is/will be] documented and independently verified.</p>   |   |   |
| <p><b>Where applicable, target group (e.g. domestic/commercial/industrial, rural/urban, grid-connected/off-grid) and distribution mechanisms (e.g. direct installation)</b></p> | <p>Applicable to all projects</p>                      | <p>The CPA specifies the landfill and methane avoidance technologies and relevant distribution mechanisms.</p>  | <p><input type="checkbox"/> [tick when met]<br/>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical sheet of the unit(s);</li> <li>• A permit or certificate describing the project activity and purpose;</li> <li>• Other credible documents;</li> </ul> |
| <p><b>Where applicable, the conditions related to sampling requirements for a PoA in accordance with the approved guidelines/standard from the</b></p>                          | <p>Applicable to all projects which apply sampling</p> | <p>The sampling method applied in the CPA (e.g. in the monitoring plan) follows “Standard For Sampling And Surveys for CDM Project Activities And Programme of Activities” version [add number].</p> <p>The sampling plan contains information relating to: (a) sampling design; (b) data to be collected; and (c) implementation plan.<sup>51</sup></p> <p>In case of sampling a maximum margin of 10% error and 90% confidence level is followed.</p> | <p><input type="checkbox"/> [tick when met]<br/>_____</p> <p>[Add reference to section B.6 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The baseline survey report;</li> <li>• The CME manual;</li> <li>• The monitoring manual;</li> <li>• Other documents;</li> </ul>  |

<sup>51</sup> EB 65, Annex 2, Appendix 3



| Eligibility criteria as in the PoA standard   | Explanation and applicability                            | Proposed PoA-DD Blueprint text  | CPA-DD Indicator   | Guidance   |
|---|--|---|--|--|
| Board pertaining to sampling and surveys  |  |   |  |  |
| <p>Where applicable, the conditions that ensure that every CPA in aggregate meets the small-scale or microscale threshold criteria and remains within those thresholds throughout the crediting period of the CPA</p> | <p>Select one of the two options below (I or II).</p>    |   |  |  |
|   | <p>I. For CPAs NOT applying microscale additionality</p> | <p>The CPA's annual emission reductions in aggregate remains below 60 ktCO<sub>2e</sub> per year throughout the crediting period;</p> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical design of the unit(s);</li> <li>• Other credible documents;</li> </ul> |
|   | <p>II. For CPAs applying microscale additionality</p>    | <p>The CPA's annual emission reductions in aggregate remains below 20 ktCO<sub>2e</sub> per year throughout the crediting period;</p> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> |  |



## 4.15 AMS-III.H: Waste water / methane avoidance

| Eligibility criteria as in the PoA standard   | Explanation and applicability | Proposed PoA-DD Blueprint text   | CPA-DD Indicator  | Guidance  |
|---|-------------------------------|--|---|---|
| The specifications of technology/measure including the level and type of service, performance specifications including compliance with testing/certifications | Applicable to all projects    | The CPA-DD describes the waste water management and methane avoidance technologies in the CPA including their performance, technical specifications, the location of the wastewater treatment plant as well as the source generating the wastewater.   | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.4 of the CPA-DD] | -   |
| Conditions that ensure compliance with applicability and other requirements of single or multiple methodologies applied by CPAs                               | Applicable to all projects    | All the waste water management and methane avoidance technologies within the CPA [will] comply with national and/or international hydropower equipment and services certificates.  | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to documented evidence]       | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Government approvals of the design and/or manufacturing permits;</li> <li>• Regional or national testing papers, evidence of compliance with standards or certificates;</li> <li>• International testing papers, certificates or documents confirming compliance with international standards</li> <li>• The (approved) Environmental Impact Assessment report;</li> <li>• Other credible documents;</li> </ul> |
| Conditions that ensure compliance with applicability and other requirements of single or multiple methodologies applied by CPAs                               | Applicable to all projects    | The CPA comprises measures that recover biogas from biogenic organic matter in wastewater by means of one, or a combination, of the following options: <ol style="list-style-type: none"> <li>Substitution of aerobic wastewater or sludge treatment systems with anaerobic systems with biogas recovery and combustion;</li> <li>Introduction of anaerobic sludge treatment system with biogas recovery and combustion to a wastewater treatment plant without sludge treatment;</li> <li>Introduction of biogas recovery and combustion to a sludge treatment system;</li> <li>Introduction of biogas recovery and combustion to an</li> </ol> | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Other credible documents;</li> </ul>   |



| Eligibility criteria as in the PoA standard | Explanation and applicability                            | Proposed PoA-DD Blueprint text  | CPA-DD Indicator   | Guidance   |
|---|--|---|--|--|
|   |  | <p>anaerobic wastewater treatment system such as anaerobic reactor, lagoon, septic tank or an on-site industrial plant;</p> <p>e. Introduction of anaerobic wastewater treatment with biogas recovery and combustion, with or without anaerobic sludge treatment, to an untreated wastewater stream;</p> <p>f. Introduction of a sequential stage of wastewater treatment with biogas recovery and combustion, with or without sludge treatment, to an anaerobic wastewater treatment system without biogas recovery (e.g. introduction of treatment in an anaerobic reactor with biogas recovery as a sequential treatment step for the wastewater that is presently being treated in an anaerobic lagoon without methane recovery).</p> |  |  |
|   | <p>In case where baseline system is anaerobic lagoon</p> | <p>The CPA demonstrates that:</p> <p>a. The lagoons are ponds with a depth greater than two meters, without aeration. The value for depth is obtained from engineering design documents, or through direct measurement, or by dividing the surface area by the total volume. If the lagoon filling level varies seasonally, the average of the highest and lowest levels may be taken;</p> <p>b. Ambient temperature above 15°C, at least during part of the year, on a monthly average basis;</p> <p>c. The minimum interval between two consecutive sludge removal events is 30 days.</p>   | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Other credible documents;</li> </ul> |
|   | <p>Applicable to all projects</p>                        | <p>The CPA demonstrates that the methane [is/will be] utilised for the following applications :</p> <p>a. Combustion or flaring;</p> <p>b. Thermal or mechanical, electrical energy generation directly;</p> <p>c. Thermal or mechanical, electrical energy generation after bottling of upgraded biogas, in this case additional guidance</p>  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> </ul>   |



| Eligibility criteria as in the PoA standard | Explanation and applicability   | Proposed PoA-DD Blueprint text   | CPA-DD Indicator   | Guidance   |
|---|---|--|--|--|
|   |   | <p>provided in Annex 1 shall be followed; or</p> <p>d. Thermal or mechanical, electrical energy generation after upgrading and distribution, in this case additional guidance provided in Annex 1 shall be followed: (i) Upgrading and injection of biogas into a natural gas distribution grid with no significant transmission constraints; (ii) Upgrading and transportation of biogas via a dedicated piped network to a group of end users; or (iii) Upgrading and transportation of biogas (e.g. by trucks) to distribution points for end users.</p> <p>e. Hydrogen production;</p> <p>f. Use as fuel in transportation applications after upgrading.</p> |  | <ul style="list-style-type: none"> <li>• Certificates and/or permits for the project activity;</li> <li>• Other credible documents;</li> </ul>   |
|   | <p>In case the recovered biogas is upgraded, bottled and sold outside of the project boundary</p> | <p>The CPA demonstrates that the end-use of the biogas [is/will be] ensured via a contract between the bottled biogas vendor and the end-user. No emission reductions [is/will be] claimed from the displacement of fuels from the end use of bottled biogas in such situations unless the end use of the bottled biogas is included in the project boundary and is monitored during the crediting period. In such cases, CO<sub>2</sub> emissions avoided by the displacement of fossil fuel can be claimed under the corresponding Type I methodology, e.g. AMS-I.C “Thermal energy production with or without electricity”.</p>                               | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Contract between the bottled biogas vendor and the end-user;</li> <li>• Other credible documents;</li> </ul>                                    |
|   | <p>In case of emission reductions claim from the displacement of the use of natural gas</p>       | <p>The CPA ensures that the geographical extent of the natural gas distribution grid is within the host country/region boundaries.</p>   | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• Official document demonstrating the geographical boundary of the natural gas distribution grid;</li> <li>• Other credible documents;</li> </ul> |



| Eligibility criteria as in the PoA standard | Explanation and applicability                                   | Proposed PoA-DD Blueprint text   | CPA-DD Indicator  | Guidance   |
|---|---|--|---|--|
|   | In case of storage and transportation of upgraded biogas        | The CPA ensures that the physical leakage including the emissions from fossil fuel consumed by vehicles for transporting biogas [are/will be] considered.  | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Calculation sheets involving credible data and sources on leakage and transportation emissions;</li> <li>• Other credible documents;</li> </ul>                  |
|   | In case of biogas upgrade                                       | The CPA ensures that the upgraded methane content of the biogas is in accordance with relevant national regulations (where these exist) or, in the absence of national regulations, a minimum of 96% (by volume).  | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Upgraded biogas laboratory test results;</li> <li>• Other credible documents;</li> </ul>   |
|   | If the recovered biogas is used for hydrogen production         | The CPA ensures that hydrogen component of the project activity uses the corresponding methodology AMS-III.O “Hydrogen production using methane extracted from biogas”.  | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | -  |
|   | If the upgraded biogas is used as transportation fuel           | The CPA ensures that transportation fuel displacement component of the project activity uses the corresponding methodology AMS-III.AQ “Introduction of Bio-CNG in road transportation”.  | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | -  |
|   | For Greenfield projects or projects involving capacity addition | The CPA demonstrates demonstrate that the most plausible baseline scenario for the project activity(ies) is the baseline provided in the methodology. The demonstration includes the assessment of the alternatives of the project activity using the steps elaborated in paragraph 19 of General Guidelines to SSC CDM methodologies. <sup>52</sup> | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• References to the common practice in the host country;</li> </ul> |

<sup>52</sup> EB61, Annex21



| Eligibility criteria as in the PoA standard | Explanation and applicability | Proposed PoA-DD Blueprint text                                 | CPA-DD Indicator                         | Guidance  |
|---|-------------------------------|--|--|---|
|   |                               |  |  | <ul style="list-style-type: none"> <li>Other credible documents;</li> </ul> <p>Paragraph 19 of General Guidelines to SSC CDM methodologies:</p> <p>Type II and III Greenfield (new facilities) including capacity addition projects: may use a Type II and Type III smallscale methodology provided that they can demonstrate that the most plausible baseline scenario for this project activity is the baseline provided in the respective Type II and Type III small-scale methodology. The demonstration should include the assessment of the alternatives of the project activity using the following steps:</p> <p>Step 1: Identify the various alternatives available to the project proponent that deliver comparable level of service including the proposed project activity undertaken without being registered as a CDM project activity.</p> <p>Step 2: List the alternatives identified per Step 1 in compliance with the local regulations (if any of the identified baseline is not in compliance with the local regulations, then exclude the same from further consideration).</p> <p>Step 3: Eliminate and rank the alternatives identified in Step 2 taking into account barrier tests specified in attachment A to Appendix B of the simplified modalities and procedures of SSC CDM.</p> <p>Step 4: If only one alternative remains that is:</p> <ul style="list-style-type: none"> <li>Not the proposed project activity undertaken without being registered as a CDM project activity; and</li> <li>It corresponds to one of the baseline scenarios provided in the methodology; then the project activity is eligible under the methodology.</li> </ul> <p>If more than one alternative remain that correspond to the baseline scenarios provided in the methodology, choose the alternative with the least emissions as the baseline.</p> |
|   | For projects                  | The CPA meets the requirements concerning demonstration of the | <input type="checkbox"/> [tick when met] | Compliance with this criterion may be substantiated with one (or more) of the   |



| Eligibility criteria as in the PoA standard | Explanation and applicability                | Proposed PoA-DD Blueprint text   | CPA-DD Indicator   | Guidance   |
|---|--|--|--|--|
|   | involving equipment replacement              | remaining lifetime of the replaced equipment. Project participant(s) estimate(s) the point in time where the existing equipment would be replaced in the absence of the project activity in accordance with the Tool to determine the remaining lifetime of equipment version [add number]. <sup>53</sup>  | <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p>   | <p>following documents:</p> <ul style="list-style-type: none"> <li>• Technical sheets of the technology;</li> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Audit reports;</li> <li>• <b>Manufacturer's information on the technical lifetime of equipment and compare to the date of first commissioning;</b></li> <li>• An expert evaluation;</li> <li>• Other credible documents;</li> </ul> |
|   | For projects involving equipment replacement | <p>The CPA demonstrates the following:</p> <p>In case the project activity involves the replacement of equipment, and the leakage effect of the use of the replaced equipment is neglected, because the replaced equipment is scrapped, an independent monitoring of scrapping of replaced equipment [is/will be] implemented. The monitoring includes a check if the number of project activity equipment distributed by the project and the number of scrapped equipment correspond with each other. For this purpose scrapped equipment [is/will be] stored until such correspondence is checked. The scrapping of replaced equipment [is/will be] documented and independently verified.</p> | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | -  |
| <b>Where applicable, target group (e.g.</b> | Applicable to all projects                   | The CPA specifies the target group of the waste water management and methane avoidance technologies and relevant distribution mechanisms.  | <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to</p>                            | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> </ul>   |

<sup>53</sup> E.g. EB50, Annex15



| Eligibility criteria as in the PoA standard  | Explanation and applicability                         | Proposed PoA-DD Blueprint text   | CPA-DD Indicator  | Guidance  |
|--|---|--|---|---|
| domestic/commercial/industrial, rural/urban, grid-connected/off-grid) and distribution mechanisms (e.g. direct installation)   |   |  | section A.2 of the CPA-DD]  | <ul style="list-style-type: none"> <li>• The Environmental Impact Assessment report;</li> <li>• Technical sheet of the unit(s);</li> <li>• A permit or certificate describing the project activity and purpose;</li> <li>• Other credible documents;</li> </ul>             |
| <b>Where applicable, the conditions related to sampling requirements for a PoA in accordance with the approved guidelines/standard from the Board pertaining to sampling and surveys</b> | Applicable to all projects which apply sampling       | <p>The sampling method applied in the CPA (e.g. in the monitoring plan) follows the latest “Standard For Sampling And Surveys for CDM Project Activities And Programme of Activities”.</p> <p>The sampling plan contains information relating to: (a) sampling design; (b) data to be collected; and (c) implementation plan.<sup>54</sup></p> | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section B.6 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• The baseline survey report;</li> <li>• The CME manual;</li> <li>• The monitoring manual;</li> <li>• Other documents;</li> </ul> |
| <b>Where applicable, the conditions that ensure that every CPA in</b>  | <i>Select one of the two options below (I or II).</i> |  | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to                            | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> </ul>   |
|  | I. For CPAs NOT applying microscale                   | <b>The CPA’s</b> annual emission reductions in aggregate remains below 60 ktCO <sub>2e</sub> per year throughout the crediting period;   |   |   |

<sup>54</sup> EB 65, Annex 2, Appendix 3



| Eligibility criteria as in the PoA standard  | Explanation and applicability  | Proposed PoA-DD Blueprint text  | CPA-DD Indicator   | Guidance   |
|--|--|---|--|--|
| <p>aggregate meets the small-scale or microscale threshold criteria and remains within those thresholds throughout the crediting period of the CPA</p> | <p>additionality</p> <p>II. For CPAs applying microscale additionality</p> | <p>The CPA's annual emission reductions in aggregate remains below 20 ktCO<sub>2e</sub> per year throughout the crediting period;</p> | <p>section A.2 of the CPA-DD]</p> <p><input type="checkbox"/> [tick when met]</p> <p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <ul style="list-style-type: none"> <li>• The Environmental Impact Assessment report;</li> <li>• Technical design of the unit(s);</li> <li>• Other credible documents;</li> </ul> |



## 4.16 AMS-III.F: Composting / methane avoidance

| Eligibility criteria as in the PoA standard   | Explanation and applicability | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Guidance  |
|---|-------------------------------|---|---|---|
| The specifications of technology/measure including the level and type of service, performance specifications including compliance with testing/certifications | Applicable to all projects    | The CPA-DD describes the composting and methane avoidance technologies in the CPA including their performance, technical specifications, the location and characteristics of the disposal site of the biomass, animal manure and co-composting wastewater in the baseline condition.  | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.4 of the CPA-DD] | -   |
|   | Applicable to all projects    | All composting and methane avoidance technologies within the CPA [will] comply with national and/or international hydropower equipment and services certificates.   | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to documented evidence]       | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Government approvals of the design and/or manufacturing permits;</li> <li>• Regional or national testing papers, evidence of compliance with standards or certificates;</li> <li>• International testing papers, certificates or documents confirming compliance with international standards</li> <li>• The (approved) Environmental Impact Assessment report;</li> <li>• Other credible documents;</li> </ul> |
| Conditions that ensure compliance with applicability and other requirements of single or multiple methodologies applied by CPAs                               | Applicable to all projects    | The CPA comprises measures to avoid the emissions of methane to the atmosphere through controlled aerobic treatment by composting of biomass or other organic matter that would have otherwise been left to decay anaerobically in: <ul style="list-style-type: none"> <li>- A solid waste disposal site (SWDS); or</li> <li>- In an animal waste management system (AWMS); or</li> <li>- In a wastewater treatment system (WWTS).</li> </ul> | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Other credible documents;</li> </ul>   |
|   | Applicable to all projects    | The CPA comprises: <ul style="list-style-type: none"> <li>- Composting of the organic fraction of municipal solid waste and biomass waste from agricultural; or</li> <li>- Agro-industrial activities including manure; or</li> </ul>   | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> </ul>  |



| Eligibility criteria as in the PoA standard | Explanation and applicability   | Proposed PoA-DD Blueprint text  | CPA-DD Indicator   | Guidance   |
|---|---|---|--|--|
|   |   | <ul style="list-style-type: none"> <li>Co-composting wastewater and solid biomass waste.</li> </ul>   | CPA-DD]  | <ul style="list-style-type: none"> <li>Commissioning protocol;</li> <li>Certificates and/or permits for the project activity;</li> <li>Other credible documents;</li> </ul>  |
|   | Applicable to all projects  | <p>The CPA comprises project activities that [will]:</p> <ul style="list-style-type: none"> <li>Include construction and expansion of treatment facilities; or</li> <li>Increase capacity utilization at an existing facility.</li> </ul>   | <input type="checkbox"/> [tick when met]<br><p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>Feasibility Study Report[s] ;</li> <li>Environmental Impact Assessment report[s];</li> <li>Commissioning protocol;</li> <li>Certificates and/or permits for the project activity;</li> <li>Other credible documents;</li> </ul> |
|   | For project activities that increase capacity utilization at existing facilities  | <p>The CPA demonstrates that special efforts [are/will be] made to increase the capacity utilization, that the existing facility meets all applicable laws and regulations and that the existing facility is not included in a separate CDM project activity. The special efforts should be identified and described.</p>   | <input type="checkbox"/> [tick when met]<br><p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | -  |
|   | For project activities involving co-composting wastewater and solid biomass waste | <p>The CPA demonstrates that the wastewater would otherwise have been treated in an anaerobic wastewater treatment system without biogas recovery. If it cannot be demonstrated baseline emissions related to such organic matter [is/will be] accounted for as zero, whereas project emissions [are/will be] calculated according to the procedures for all co-composted substrates.</p> | <input type="checkbox"/> [tick when met]<br><p>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>Feasibility Study Report[s] ;</li> <li>Environmental Impact Assessment report[s];</li> <li>Commissioning protocol;</li> <li>Certificates and/or permits for the project activity;</li> <li>Other credible documents;</li> </ul> |
|   | For project activities composting animal manure                                   | <p>The CPA demonstrates the followings:</p> <ol style="list-style-type: none"> <li>The livestock population in the farm [is/will be] managed under confined conditions;</li> <li>Manure or the streams obtained after treatments [are</li> </ol>  | <input type="checkbox"/> [tick when met]<br><p>_____</p> <p>[Add reference to section A.2 of the</p>         | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>Feasibility Study Report[s] ;</li> <li>Environmental Impact Assessment report[s];</li> </ul>  |



| Eligibility criteria as in the PoA standard | Explanation and applicability | Proposed PoA-DD Blueprint text   | CPA-DD Indicator | Guidance  |
|---|-------------------------------|--|------------------|---|
|   |                               | <p>not/will not be] discharged into natural water resources (e.g. river or estuaries);</p> <p>c. The annual average temperature of baseline site where anaerobic manure treatment facility [is/will be] located is higher than 5°C;</p> <p>d. In the baseline scenario the retention time of manure waste in the anaerobic treatment system is greater than one month, and in case of anaerobic lagoons in the baseline, their depths are at least 1 m;</p> <p>e. No methane recovery and destruction by flaring, combustion or gainful use takes place in the baseline scenario.</p> <p>f. The storage time of the manure after removal from the animal barns, including transportation, [does not/will not] exceed 45 days before being fed into the anaerobic digester. (If the project proponent demonstrates that the dry matter content of the manure when removed from the animal barns is larger than 20%, this time constraint does not apply).</p> <p>g. No bedding material is used in the animal barns or intentionally added to the manure stream in the baseline.</p> <p>h. Only monitored quantity of solid waste or manure or wastewater diverted from the baseline treatment system is used for emission reduction calculation.</p> <p>i. The following requirement [is/will be] checked ex ante at the beginning of each crediting period:</p> <ul style="list-style-type: none"> <li>- Establish that identified landfill(s)/stockpile(s) can be expected to accommodate the waste to be used for the project activity for the duration of the crediting period; or</li> <li>- Establish that it is common practice in the region to</li> </ul> | <p>CPA-DD]</p>   | <ul style="list-style-type: none"> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Other credible documents;</li> </ul> |



| Eligibility criteria as in the PoA standard | Explanation and applicability   | Proposed PoA-DD Blueprint text   | CPA-DD Indicator   | Guidance  |
|---|---|--|--|---|
|   |   | dispose off the waste in solid waste disposal site (landfill)/stockpile(s).  |  |   |
|   | For project activities that handle compost aerobically and submit to soil application             | The CPA demonstrates that proper conditions and procedures (not resulting in methane emissions) [is/will be] ensured.  | <input type="checkbox"/> [tick when met]<br><hr/> [Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Other credible documents;</li> </ul> |
|   | For project activities that treat compost thermally/mechanically                                  | The CPA ensures that the thermal treatment process (dehydration) occurs under controlled conditions (up to 300 degrees Celsius) and generates a stabilized biomass that would be used as fuel or raw material in other industrial processes and that pellets have moisture content of maximal 12%. | <input type="checkbox"/> [tick when met]<br><hr/> [Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• Feasibility Study Report[s] ;</li> <li>• Environmental Impact Assessment report[s];</li> <li>• Commissioning protocol;</li> <li>• Certificates and/or permits for the project activity;</li> <li>• Other credible documents;</li> </ul> |
|   | For project activities that store compost under anaerobic conditions and/or deliver to a landfill | The CPA demonstrates that the emissions from the residual organic content [are/will be] taken into account and calculated as <b>per the latest version of the "Tool to determine methane emissions avoided from disposal of waste at a solid waste disposal site"</b> .                            | <input type="checkbox"/> [tick when met]<br><hr/> [Add reference to section B.5 of the CPA-DD] | n/a   |
|   | For projects involving equipment replacement  | The CPA demonstrates the following:<br><br>In case the project activity involves the replacement of equipment, and the leakage effect of the use of the replaced equipment in  | <input type="checkbox"/> [tick when met]<br><hr/> [Add reference to section A.2 of the         | -   |



| Eligibility criteria as in the PoA standard   | Explanation and applicability                          | Proposed PoA-DD Blueprint text   | CPA-DD Indicator  | Guidance  |
|---|--|--|---|---|
|   |  | <p>another activity is neglected, because the replaced equipment is scrapped, an independent monitoring of scrapping of replaced equipment [is/will be] implemented. The monitoring includes a check if the number of project activity equipment distributed by the project and the number of scrapped equipment correspond with each other. For this purpose scrapped equipment [is/will be] stored until such correspondence is checked. The scrapping of replaced equipment [is/will be] documented and independently verified.</p> | <p>CPA-DD]</p>  |   |
| <p><b>Where applicable, target group (e.g. domestic/commercial/Industrial, rural/urban, grid-connected/off-grid) and distribution mechanisms (e.g. direct installation)</b></p> | <p>Applicable to all projects</p>                      | <p>The CPA specifies the target group of the composting and methane avoidance technologies and relevant distribution mechanisms.</p>   | <p><input type="checkbox"/> [tick when met]<br/>_____</p> <p>[Add reference to section A.2 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical sheet of the unit(s);</li> <li>• A permit or certificate describing the project activity and purpose;</li> <li>• Other credible documents;</li> </ul> |
| <p><b>Where applicable, the conditions related to sampling requirements for a PoA in</b></p>  | <p>Applicable to all projects which apply sampling</p> | <p>The sampling method applied in the CPA (e.g. in the monitoring plan) follows the latest “Standard For Sampling And Surveys for CDM Project Activities And Programme of Activities”.</p> <p>The sampling plan contains information relating to: (a) sampling design; (b) data to be collected; and (c) implementation plan.<sup>55</sup></p>   | <p><input type="checkbox"/> [tick when met]<br/>_____</p> <p>[Add reference to section B.6 of the CPA-DD]</p> | <p>Compliance with this criterion may be substantiated with one (or more) of the following documents:</p> <ul style="list-style-type: none"> <li>• The baseline survey report;</li> <li>• The CME manual;</li> <li>• The monitoring manual;</li> <li>• Other documents;</li> </ul>  |

<sup>55</sup> EB 65, Annex 2, Appendix 3



| Eligibility criteria as in the PoA standard  | Explanation and applicability   | Proposed PoA-DD Blueprint text  | CPA-DD Indicator  | Guidance  |
|--|---|---|---|---|
| accordance with the approved guidelines/standard from the Board pertaining to sampling and surveys   |   | In case of sampling a maximum margin of 10% error and 90% confidence level is followed.   |   |   |
| Where applicable, the conditions that ensure that every CPA in aggregate meets the small-scale or microscale threshold criteria and remains within those thresholds throughout the crediting period of the CPA | <i>Select one of the two options below (I or II).</i>   |   |   |   |
|  | I. For CPAs NOT applying microscale additionality   | The CPA's annual emission reductions in aggregate remains below 60 ktCO <sub>2e</sub> per year throughout the crediting period; | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD] | Compliance with this criterion may be substantiated with one (or more) of the following documents: <ul style="list-style-type: none"> <li>• The feasibility study report ;</li> <li>• The Environmental Impact Assessment report;</li> <li>• Technical design of the unit(s);</li> <li>• Other credible documents;</li> </ul> |
| II. For CPAs applying microscale additionality   | The CPA's annual emission reductions in aggregate remains below 20 ktCO <sub>2e</sub> per year throughout the crediting period; | <input type="checkbox"/> [tick when met]<br>_____<br>[Add reference to section A.2 of the CPA-DD]                               |   |   |



# Annexes

## Annex 1: Overview of PoA types and methodologies targeted

| PoA type                      | Methodology  | Description of projects covered by this combination of PoA type and methodology  |
|-------------------------------|--|--|
| Micro/small scale hydropower  | AMS I.D. Grid connected renewable electricity generation                                 | These projects using AMS-I.D. include hydropower stations with an aggregated capacity on CPA level below 15 MW <sub>e</sub> which deliver electricity to: <ul style="list-style-type: none"> <li>(a) a national or a regional grid; or</li> <li>(b) an identified consumer facility via national/regional grid through a contractual arrangement such as wheeling.</li> </ul>  |
| Micro/small scale hydropower  | AMS I.F. Renewable electricity generation for captive use and mini-grid                  | These projects are hydropower stations displacing electricity from an electricity distribution system that is or would have been supplied by at least one fossil fuel fired generating unit. In the absence of the project activity, the users would have been supplied electricity from one or more sources listed below: <ul style="list-style-type: none"> <li>(a) A national or a regional grid (grid hereafter);</li> <li>(b) Fossil fuel fired captive power plant;</li> <li>(c) A carbon intensive mini-grid.</li> </ul>  |
| Stoves (efficiency), Lighting | AMS II.C. Demand-side energy efficiency activities for specific technologies             | These projects include activities that encourage the adoption of energy-efficient equipment, and include efficient cook stoves and lighting projects. These technologies may replace existing cook stoves/light bulbs or be installed at new sites.  |
| Stoves (efficiency)           | AMS II.G. Energy efficiency measures in thermal applications of non-renewable biomass    | These projects cover cook stoves involving the efficiency improvements in the thermal applications of non-renewable biomass.   |
| Stoves (fuel switch)          | AMS I.E. Switch from non-renewable biomass for thermal applications by the user          | These projects cover cook stoves that displace the use of non-renewable biomass by introducing renewable energy, such as biogas.   |
| Lighting                      | AMS II.J. Demand-side activities for efficient lighting technologies                     | These projects include activities that lead to efficient use of electricity through the adoption of self-ballasted compact fluorescent lamps (CFLs) to replace incandescent lamps (ICLs) in residential applications. Eligible self-ballasted CFLs have integrated ballasts as a non-removable part. The CFLs adopted to replace existing equipment must be new equipment and not transferred from another activity.   |
| Building                      | AMS II.E. Energy efficiency and fuel switching measures for buildings                    | These projects cover any energy efficiency and fuel switching measures implemented at a single building, such as a commercial, institutional or residential building, or group of similar buildings, such as a school, district or university. This category covers project activities aimed primarily at energy efficiency. Examples include technical energy efficiency measures (such as efficient appliances, better insulation and optimal arrangement of equipment) and fuel switching measures (such as switching from oil to gas). The technologies may replace existing equipment or be installed in new facilities.  |
| Building                      | AMS III.AE. Energy efficiency and renewable energy measures in new residential buildings | These projects include activities that lead to reduced consumption of electricity in new, grid connected residential buildings (single or multiple-family residences) through the use of one or more of the following measures: efficient building design practices, efficiency technologies, and renewable energy technologies. Examples include efficient appliances, high efficiency heating and cooling systems, passive solar design, thermal insulation, and solar photovoltaic systems. All equipment and building materials used in the project activity residences must be new and not transferred from another project activity. All project activity residences must comply with or exceed applicable standards and regulations (e.g., building codes). |
| Solar Water Heaters           | AMS I.C. Thermal energy production with or without electricity                           | These projects include solar water heater (SWH) technologies that supply users with thermal energy that displaces fossil fuel use.   |



|                                  |  |   |
|----------------------------------|--|---|
| Solar Water Heaters              | AMS I.J. Solar water heating systems (SWH)   | These projects cover the installation of residential SWH systems and commercial SWH systems for hot water production. The SWH systems displace electricity or fossil fuel that would otherwise have been used to produce hot water either in old or new constructions.  |
| Animal waste / methane avoidance | AMS III.D. Methane recovery in animal manure management systems                      | These projects cover project activities involving the replacement or modification of anaerobic animal manure management systems in livestock farms to achieve methane recovery and destruction by flaring/combustion or gainful use of the recovered methane. It also covers treatment of manure collected from several farms in a centralised plant.   |
| Animal waste / methane avoidance | AMS.III.R. Methane recovery in agricultural activities at household/small farm level | These projects include recovery and destruction of methane from manure and wastes from agricultural activities that would be decaying anaerobically emitting methane to the atmosphere in the absence of the project activity.  |
| Landfill methane avoidance /     | ACM001 Flaring or use of landfill gas  | The projects cover the following options: i) Installation of a new LFG capture system in a new or existing SWDS; ii) an investment into an existing LFG capture system to increase the recovery rate or change the use of the captured LFG, iii) Flaring the LFG and/or use the captured LFG in any (combination) of the following ways: generating electricity; generating heat in a boiler, air heater or kiln (brick firing only); and/or supplying the LFG to consumers through a natural gas distribution network. |
| Landfill methane avoidance /     | AMS III.G. Landfill Methane Recovery   | These projects include measures to capture and combust methane from landfills (i.e. solid waste disposal sites) used for disposal of residues from human activities including municipal, industrial, and other solid wastes containing biodegradable organic matter.  |
| Waste water / methane avoidance  | AMS III.H. Methane recovery in wastewater treatment                                  | These projects cover measures that recover biogas from biogenic organic matter in wastewater by means of one, or a combination, of several options elaborated in the methodology.   |
| Composting / methane avoidance   | AMS III.F. Avoidance of methane emissions through composting                         | These projects include measures to avoid the emissions of methane to the atmosphere from biomass or other organic matter that would have otherwise been left to decay anaerobically in a solid waste disposal site (SWDS), or in an animal waste management system (AWMS), or in a wastewater treatment system (WWTS). In the project activity, controlled aerobic treatment by composting of biomass is introduced.  |