




**Validation report form for  
CDM programme of activities  
(Version 02.0)**

*Complete this form in accordance with the instructions attached at the end of this form.*

**BASIC INFORMATION**

|   |   |
|---|---|
| <b>Title of the programme of activities (PoA)</b>                                     | Mali Rural Electrification Program  |
| <b>Version number of the validation report</b>  | 2.0   |
| <b>Completion date of the validation report</b>                                       | 14/03/2018  |
| <b>Version number of PoA-DD to which this validation report applies</b>               | 9.0<br>TN P-No. : 8000461865 – 16/099   |
| <b>Date when PoA-DD was uploaded for global stakeholder consultation</b>              | 11/08/2016  |
| <b>Coordinating/managing entity (CME)</b>   | Agence Malienne pour le Développement de l'Energie Domestique et de l'Electrification Rurale (AMADER)   |
| <b>Host Parties</b>   | Republic of Mali  |
| <b>Applied methodologies and standardized baselines</b>                               | AMS-III.AR: Substituting fossil fuel based lighting with LED/CFL lighting systems, Version 05.0.<br>AMS III.BL: Integrated methodology for electrification of communities, Version 01.0<br>No standardized baseline applied |
| <b>Mandatory sectoral scopes linked to the applied methodologies</b>                  | 1: Energy industries (renewable/non- renewable sources)<br>2: Energy distribution   |
| <b>Conditional sectoral scopes linked to the applied methodologies, if applicable</b> | N/A   |
| <b>Name and UNFCCC reference number of the DOE</b>                                    | Name: TÜV NORD CERT GmbH (TÜV NORD)<br>Reference Number: E-0022   |
| <b>Name, position and signature of the approver of the validation report</b>          | <br>Stefan Winter<br>Final approver   |

## SECTION A.Executive summary

Agence Malienne pour le Développement de l'Energie Domestique et de l'Electrification Rurale (AMADER) has commissioned the TÜV NORD JI/CDM Certification Program to carry out the validation of the programme of activities:

### “Mali Rural Electrification Program”

with regard to the relevant requirements for CDM project activities.

The proposed Programme of Activities aims to support a range of technologies to sustainably provide electricity access to rural households and SMEs. The PoA includes the introduction of hybrid solar PV into existing fossil-fuelled mini-grids (mini-grid hybridization), installation of Solar Home Systems (SHS) and distribution of high quality solar lanterns, the installation of mini/micro hydro projects connected to mini-grids, and extension of the national grid.

The proposed PoA utilizes the following small-scale methodologies: -

- AMS-III.AR: Substituting fossil fuel based lighting with LED/CFL lighting systems, Version 05.0.
- AMS III.BL: Integrated methodology for electrification of communities, Version 01.0.

In accordance with §41 of the CDM validation and verification standard for programmes of Activities version 1.0, four generic CPA-DDs for the Type III CPAs have been developed. The four different real case CPAs will be defined as Type 1, 2, 3 & 4.

No cross effects are expected between the different technologies/measures as users cannot benefit from more than one technology/measure and each real-case CPA-DD will utilize only one methodology.

### Scope of Validation

The validation scope is given as a thorough independent and objective assessment of the project design including especially: the correct application of the methodology(ies), the project's baseline study, additionality justification, local stakeholder commenting process, environmental impacts and monitoring plan, which are included in the PoA-DD and other relevant supporting documents, to ensure that the proposed CDM programme of activities meets all relevant and applicable CDM criteria.

The information included in the PoA-DD and the supporting documents were reviewed against the requirements as set out by the UNFCCC. The validation team has, based on the requirements in the Validation and Verification Standard<sup>VVS/</sup>, carried out a full assessment of all evidences to assess the compliance of the PoA with the CDM criteria.

The validation is based on the information made available to TÜV NORD JI/CDM CP and on the contract conditions.

The validation is not meant to provide any consulting to the project participants. However, stated requests for clarifications and/or corrective actions may provide input for improvement of the project design.

## SECTION B.Validation team, technical reviewer and approver

### B.1.Validation team members

| No. | Role | ᆞ ㄹ | Last name | First name | Affiliation | Involvement in |
|-----|------|-----|-----------|------------|-------------|----------------|
|-----|------|-----|-----------|------------|-------------|----------------|

|    |                       |    |         |       | (e.g. name of central or other office of DOE or outsourced entity) | Desk/document review | On-site inspection | Interview(s) | Validation findings |
|----|-----------------------|----|---------|-------|--|----------------------|--------------------|--------------|---------------------|
| 1. | Team Leader/Validator | EI | Lubanga | David | -  | x                    | x                  | x            | x                   |

## B.2. Technical reviewer and approver of the validation report

| No. | Role                          | Type of resource | Last name  | First name | Affiliation<br>(e.g. name of central or other office of DOE or outsourced entity) |
|-----|-------------------------------|------------------|------------|------------|---|
| 1.  | Technical reviewer            | IR               | Winter     | Stefan     | TÜV NORD CERT GmbH  |
| 2.  | Technical reviewer (observer) | EI               | Bornebusch | Hinrich    | -   |
| 3.  | Approver                      | IR               | Winter     | Stefan     | TÜV NORD CERT GmbH  |

## SECTION C. Means of validation

### C.1. Desk/document review

During the desk review all documents initially provided by the client and publicly available documents relevant for the validation were reviewed. The main documents are listed below:

- the draft POA-DD/<sup>POA-DD/</sup>,
- the draft real-case CPA-DDs/<sup>CPA-DD/</sup>,
- Draft version of the emission reduction calculation spread-sheets/<sup>XLS/</sup>.

Other supporting documents, such as publicly available information on the UNFCCC website and background information were also reviewed.

### C.2. On-site inspection

| Duration of on-site inspection: 29/09/2016 |   |                             |            |                |
|--|---|-----------------------------|------------|----------------|
| No.  | Activity performed on-site  | Site location               | Date       | Team member    |
| 1.   | Interviews with AMADER officials  | AMADER headquarters, Bamako | 29/09/2016 | Lubanga, David |
| 2.   | Interviews with Stakeholders (Mini-grid operators), and those who attended the LSC meetings   | AMADER headquarters, Bamako | 29/09/2016 | Lubanga, David |
| 3.   | Inspection of Sample Solar Lamps (lanterns)   | AMADER headquarters, Bamako | 29/09/2016 | Lubanga, David |
| 4.   | Inspection and discussion of tender Documents for solar lamps (specifications based on Lighting Africa & Lighting Global Quality Standards) | AMADER headquarters, Bamako | 29/09/2016 | Lubanga, David |
| 5.   | Discussion of PoA Design Documents  | AMADER headquarters, Bamako | 29/09/2016 | Lubanga, David |

### C.3. Interviews

| No. | Interviewee |            |                           | Date       | Subject                               | Team member    |
|-----|-------------|------------|---------------------------|------------|---------------------------------------|----------------|
|     | Last name   | First name | Affiliation               |            |                                       |                |
| 1.  | Biaou       | Leon       | World Bank/Carbon Finance | 29/09/2016 | PoA financing aspects, additionality, | Lubanga, David |

| No. | Interviewee |            |   | Date       | Subject  | Team member    |
|-----|-------------|------------|---|------------|--|----------------|
|     | Last name   | First name | Affiliation   |            |  |                |
|     |             |            | Specialist/ <b>/IM01/</b>                               |            | eligibility criteria, monitoring plan, roles and responsibilities, Organizational Structure, SD aspects, methodologies, ER calculations, LSC process, EIA Analysis/exemption, Solar Lamp Specifications Number of Mini-grids, tender Specifications Baselines for the different CPAs, Identification of solar lamp retailers/distributors, number of mini-grids in the country, capacities of mini-grids, laws and regulations for mini-grids Implementation plan, incentives, LoA |                |
| 2.  | Touré       | Hamadoun   | AMADER/Directeur ED<br><b>/IM01/</b>                    | 29/09/2016 | PoA financing aspects, Implementation plan, development of the monitoring plan   | Lubanga, David |
| 2.  | Kinoy       | Cheick     | AMADER/PDG<br><b>/IM01/</b>                             | 29/09/2016 | Role, Equipment Specifications   | Lubanga, David |
| 3.  | Magasouba   | Cheick     | AMADER/Environment and Social Services<br><b>/IM01/</b> | 29/09/2016 | Role, Environmental Impact Assessment, general aspects of the project, LSC process   | Lubanga, David |
| 4.  | Togola      | Thiam      | ACCESS/Associate<br><b>/IM02/</b>                       | 29/09/2016 | LSC process, business speciality, number of mini-grids managed, capacities, other business engaged, tendering process  | Lubanga, David |
| 5.  | Kone        | Mamadou    | EMICOM/Directeur Executif/ <b>/IM02/</b>                | 29/09/2016 | LSC process, business speciality, qualification as a distributor, other business engaged, tendering process  | Lubanga, David |
| 5.  | Dambebe     | Abou       | EMICOM/Assistant Administratif/ <b>/IM02/</b>           | 29/09/2016 | LSC process, business speciality, qualification as a distributor, other business engaged, tendering process  | Lubanga, David |
| 5.  | Doumbia     | Mamadou    | MESS International<br><b>/IM02/</b>                     | 29/09/2016 | LSC process, business speciality, number of minigrids, fuel types, fuel costs, users, other business   | Lubanga, David |

| No. | Interviewee |            |   | Date       | Subject   | Team member    |
|-----|-------------|------------|---|------------|---|----------------|
|     | Last name   | First name | Affiliation   |            |   |                |
|     |             |            |   |            | engaged, number of employees, tendering process   |                |
| 5.  | Keita       | Doucouré   | Total Mali/Chef de Projet Solaire /IM02/                          | 29/09/2016 | LSC process, , distributor stations operated, other business engagement, tendering process                      | Lubanga, David |
| 5.  | Belenky     | Lucas      | CDM Consultant/ Carbon Initiative for Development (Ci-Dev) /IM02/ | -          | PoA Design, ER estimations, monitoring plan, sampling, baseline determination, cross-effects, suppressed demand | Lubanga, David |

#### C.4.Sampling approach

As per eligibility criterion 14, all CPAs utilizing the AMS-III.AR methodology a detailed sampling plan is required for verification.

|                                     |  |                                 |                             |            |             |
|-------------------------------------|--|---------------------------------|-----------------------------|------------|-------------|
| <input checked="" type="checkbox"/> | No sampling approach has been used by the PP to determine the monitored parameters |                                 |                             |            |             |
| <input type="checkbox"/>            | A sampling approach has been taken for the following monitored parameter(s):       |                                 |                             |            |             |
|                                     | Parameter  | Sampling approach <sup>1)</sup> | Sampling Type <sup>2)</sup> | Population | Sample Size |
|                                     |  |                                 |                             |            |             |

<sup>1)</sup> Sampling Approaches:

SiRS: Simple Random Sampling  
 StRS: Stratified Random Sampling  
 SS: Systematic Sampling  
 CS: Cluster Sampling  
 MSS: Multi-stage Sampling

<sup>2)</sup> Sampling Types:

PS: Parameter Sampling

#### C.5.Clarification requests (CLs), corrective action requests (CARs) and forward action requests (FARs) raised

| Areas of validation of compliance         | No. of CL | No. of CAR | No. of FAR |
|---|-----------|------------|------------|
| <b>Programme of activities</b>            |           |            |            |
| Identification of the programme type      | 0         | 0          | 0          |
| General description of the PoA            | 1         | 7          | 0          |
| Management system                         | 0         | 0          | 0          |
| Demonstration of additionality of the PoA | 1         | 2          | 0          |
| Start date and duration of the PoA        | 0         | 1          | 0          |
| Environmental impacts                     | 0         | 1          | 0          |
| Socio-economic impacts                    | 0         | 0          | 0          |
| Local stakeholder consultation            | 0         | 3          | 0          |
| Sustainable development co-benefits       | 0         | 0          | 0          |
| Monitoring Plan                           | 0         | 0          | 1          |
| Approval                                  | 0         | 1          | 0          |
| Authorization                             | 0         | 0          | 0          |
| Modalities of communication               | 0         | 0          | 0          |
| Global stakeholder consultation           | 0         | 0          | 0          |

|  |          |           |          |
|--|----------|-----------|----------|
| Other (Documents submitted, & Appendix 1)  | 0        | 2         | 0        |
| <b>Total</b>   | <b>2</b> | <b>17</b> | <b>1</b> |
| <b>Generic component project activities (Part II)</b>                              |          |           |          |
| General description of generic CPA   | 0        | 1         | 0        |
| Application and selection of methodologies and standardized baselines              |          |           |          |
| • Application of methodologies and standardized baselines                          | 0        | 2         | 0        |
| • Deviation from methodologies and/or methodological tools                         | 0        | 0         | 0        |
| • Clarification on applicability of methodology, tool and/or standardized baseline | 0        | 0         | 0        |
| • Project boundary, sources and GHGs   | 0        | 1         | 0        |
| • Baseline scenario  | 0        | 1         | 0        |
| • Estimation of emission reductions or net anthropogenic removals                  | 1        | 2         | 0        |
| • Monitoring plan  | 0        | 0         | 0        |
| Crediting period type and duration   | 0        | 0         | 0        |
| Eligibility criteria for inclusion of CPAs   | 0        | 1         | 0        |
| Others (Data and parameters fixed ex ante)   | 0        | 1         | 0        |
| <b>Total</b>   | <b>1</b> | <b>9</b>  | <b>0</b> |
| <b>Generic component project activities (Part III)</b>                             |          |           |          |
| General description of generic CPA   | 0        | 0         | 0        |
| Application and selection of methodologies and standardized baselines              |          |           |          |
| • Application of methodologies and standardized baselines                          | 0        | 1         | 0        |
| • Deviation from methodologies and/or methodological tools                         | 0        | 0         | 0        |
| • Clarification on applicability of methodology, tool and/or standardized baseline | 0        | 0         | 0        |
| • Project boundary, sources and GHGs   | 0        | 1         | 0        |
| • Baseline scenario  | 0        | 1         | 0        |
| • Estimation of emission reductions or net anthropogenic removals                  | 1        | 1         | 0        |
| • Monitoring plan  | 0        | 0         | 0        |
| Crediting period type and duration   | 0        | 0         | 0        |
| Eligibility criteria for inclusion of CPAs   | 0        | 0         | 0        |
| Others (please specify)  | 0        | 0         | 0        |
| <b>Total</b>   | <b>1</b> | <b>4</b>  | <b>0</b> |
| <b>Generic component project activities (Part IV)</b>                              |          |           |          |
| General description of generic CPA   | 0        | 0         | 0        |
| Application and selection of methodologies and standardized baselines              |          |           |          |
| • Application of methodologies and standardized baselines                          | 0        | 2         | 0        |
| • Deviation from methodologies and/or methodological tools                         | 0        | 0         | 0        |
| • Clarification on applicability of methodology, tool and/or standardized baseline | 0        | 0         | 0        |
| • Project boundary, sources and GHGs   | 0        | 1         | 0        |
| • Baseline scenario  | 0        | 1         | 0        |
| • Estimation of emission reductions or net anthropogenic removals                  | 0        | 2         | 0        |
| • Monitoring plan  | 0        | 0         | 0        |
| Crediting period type and duration   | 0        | 0         | 0        |

|  |          |          |          |
|--|----------|----------|----------|
| Eligibility criteria for inclusion of CPAs   | 0        | 1        | 0        |
| Others (Data and parameters fixed ex ante)   | 0        | 1        | 0        |
| <b>Total</b>   | <b>0</b> | <b>8</b> | <b>0</b> |
| <b>Generic component project activities(Part V)</b>                                |          |          |          |
| General description of generic CPA   | 0        | 1        | 0        |
| Application and selection of methodologies and standardized baselines              | 0        | 0        | 0        |
| • Application of methodologies and standardized baselines                          | 0        | 2        | 0        |
| • Deviation from methodologies and/or methodological tools                         | 0        | 0        | 0        |
| • Clarification on applicability of methodology, tool and/or standardized baseline | 0        | 0        | 0        |
| • Project boundary, sources and GHGs   | 0        | 1        | 0        |
| • Baseline scenario  | 0        | 1        | 0        |
| • Estimation of emission reductions or net anthropogenic removals                  | 0        | 2        | 0        |
| • Monitoring plan  | 0        | 0        | 0        |
| Crediting period type and duration   | 0        | 0        | 0        |
| Eligibility criteria for inclusion of CPAs   | 0        | 1        | 0        |
| Others (Data and parameters fixed ex ante)   | 0        | 1        | 0        |
| <b>Total</b>   | <b>0</b> | <b>9</b> | <b>0</b> |

## SECTION D.Validation findings

### D.1.Programme of activities

#### D.1.1.Identification of the programme type

|                     |  |   |
|---------------------|--|---|
| Means of validation | <p>The DOE has checked that section A.1 of the PoA-DD has been fully completed as per the requirements of the applied PoA-DD template guidelines. The CME has identified the type of CDM PoA in accordance with §31 of the CDM project standard for programme of activities, version 1.0.</p> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"><li>• /PoA-DD/</li><li>• /VVS/</li><li>• /unfccc/</li><li>• /LoA/</li><li>• /SPEC/</li></ul> |   |
|                     | <input checked="" type="checkbox"/>  | The programme type has been properly identified   |
|                     | <input checked="" type="checkbox"/>  | The respective requirements have widely been complied with; however; the following issues needed to be addressed in this context:   |
|                     |  | -   |
| Conclusion          | <input checked="" type="checkbox"/>  | No CARs/CLs have been raised in this context. No correction was required in the context. The project is in line with the respective requirements.   |
|                     | <input type="checkbox"/>   | The raised CARs/CLs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 3. |
|                     | The PoA will include only small-scale non-A/R CPAs   |   |

#### D.1.2.General description of the PoA

|                            |   |
|----------------------------|---|
| <b>Means of validation</b> | The DOE has checked that section A.1 of the PoA-DD has been fully completed as per the applied PoA-DD template guidelines. The stated goal of the voluntary PoA |
|----------------------------|---|

|                                     |  |                                     |   |                                     |   |                                     |  |
|-------------------------------------|--|-------------------------------------|---|-------------------------------------|---|-------------------------------------|--|
|                                     | <p>is to provide rural households and SMEs in Mali with a range of measures: the introduction of hybrid solar PV into existing fossil-fuelled mini-grids (mini-grid hybridization), installation of Solar home systems (SHS) and distribution of high quality solar lanterns, the installation of mini/micro hydro projects connected to mini-grids, and the extension of the national grid. The CME is <i>Agence Malienne pour le Développement de l'Energie Domestique et de l'Electrification Rurale (AMADER)</i>, the government agency in charge of rural electrification.</p> <p>The PoA aims to reduce GHG emissions and contribute to sustainable development in the host countries. Public funding involved in this PoA will not constitute diversion of official development assistance (ODA).</p> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>• /PoA-DD/</li> <li>• /VVS/</li> <li>• /PDD-T/</li> <li>• /unfccc/</li> <li>• /LoA/</li> <li>• /SPEC/</li> </ul> |                                     |   |                                     |   |                                     |  |
| <b>Findings</b>                     | <table border="1"> <tr> <td><input checked="" type="checkbox"/></td><td>The latest reporting template CDM-PoA-DD-FORM as listed on the UNFCCC website has been used.</td></tr> <tr> <td><input checked="" type="checkbox"/></td><td>The latest instructions for filling out section A.1 of the PoA-DD have been followed.</td></tr> <tr> <td><input checked="" type="checkbox"/></td><td>The respective requirements have widely been complied with; however; the following issues needed to be addressed in this context:<br/>CAR 01, CAR 02, CAR 04, CAR 05, CAR 06, CAR 07, &amp; CL 01</td></tr> </table>  | <input checked="" type="checkbox"/> | The latest reporting template CDM-PoA-DD-FORM as listed on the UNFCCC website has been used.  | <input checked="" type="checkbox"/> | The latest instructions for filling out section A.1 of the PoA-DD have been followed.   | <input checked="" type="checkbox"/> | The respective requirements have widely been complied with; however; the following issues needed to be addressed in this context:<br>CAR 01, CAR 02, CAR 04, CAR 05, CAR 06, CAR 07, & CL 01 |
| <input checked="" type="checkbox"/> | The latest reporting template CDM-PoA-DD-FORM as listed on the UNFCCC website has been used.   |                                     |   |                                     |   |                                     |  |
| <input checked="" type="checkbox"/> | The latest instructions for filling out section A.1 of the PoA-DD have been followed.  |                                     |   |                                     |   |                                     |  |
| <input checked="" type="checkbox"/> | The respective requirements have widely been complied with; however; the following issues needed to be addressed in this context:<br>CAR 01, CAR 02, CAR 04, CAR 05, CAR 06, CAR 07, & CL 01   |                                     |   |                                     |   |                                     |  |
| <b>Conclusion</b>                   | <table border="1"> <tr> <td><input type="checkbox"/></td><td>No CARs/CLs have been raised in this context. No correction was required in the context. The project is in line with the respective requirements.</td></tr> <tr> <td><input checked="" type="checkbox"/></td><td>The raised CARs/CLs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 3.</td></tr> </table> <p>The purpose and general description of the PoA complies with the requirements of the CDM PoA Standard version 1.0</p>  | <input type="checkbox"/>            | No CARs/CLs have been raised in this context. No correction was required in the context. The project is in line with the respective requirements. | <input checked="" type="checkbox"/> | The raised CARs/CLs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 3. |                                     |  |
| <input type="checkbox"/>            | No CARs/CLs have been raised in this context. No correction was required in the context. The project is in line with the respective requirements.  |                                     |   |                                     |   |                                     |  |
| <input checked="" type="checkbox"/> | The raised CARs/CLs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 3.  |                                     |   |                                     |   |                                     |  |

### D.1.3.Management system

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>The management system has been outlined in section B of the PoA-DD. The CME will be responsible for CPA inclusion, monitoring, validation and issuance of emission reductions.</p> <ul style="list-style-type: none"> <li>• The CME has established an operational and management structure, sufficiently defining roles and responsibilities for different parties in line with §36/37 of the CDM project standard for programmes of activities, version 1.0</li> <li>• Each CPA shall have a unique identification and GPS address to avoid double-counting</li> <li>• Sampling shall be applied where applicable especially when applying AMS-III.AR. A sampling plan will be part of the delayed monitoring plan</li> <li>• A record-keeping system shall be established by the CME to maintain data relating to each CPA</li> <li>• Details of training have also been included</li> </ul> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>• /IM01/</li> <li>• /PoA-DD/</li> <li>• /VVS/</li> <li>• /PS/</li> <li>• /unfccc/</li> </ul> |
| <b>Findings</b>            | -  |
| <b>Conclusion</b>          | It can be confirmed that the management system proposed conforms to all requirements of the CDM PoA VVS version 1.0.   |



## D.1.4.Demonstration of additionality of the PoA

|                                     |  |                          |   |                                     |   |                                     |  |
|-------------------------------------|--|--------------------------|---|-------------------------------------|---|-------------------------------------|--|
| <b>Means of validation</b>          | <p>As prescribed in section C of the PoA-DD, additionality shall be demonstrated at CPA level, applying the methodological tool: <i>Demonstration of additionality of micro-scale project activities Version 8.0</i></p> <p>As per the tool, CPAs shall demonstrate additionality using the following criteria: -</p> <ol style="list-style-type: none"> <li>1.The PoA and its CPAs are all in a Least Developed Country</li> <li>2.The micro-scale CDM units in the CPAs will not achieve more than 20 ktCO<sub>2</sub>e per year</li> </ol> <p>For the PoA additionality, the PoA is a voluntary action by the CME. No laws or regulations make it mandatory for the CME to pursue the PoA. According to the African Development Bank referenced in the PoA-DD, access to electricity in Mali is very low due to economic, connectivity and high cost associated with rural electrification in Mali. The eligibility criterion 3 under section K of the PoA-DD has been set accordingly</p> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>• /PoA-DD/</li> <li>• /VVS/</li> <li>• /PS/</li> <li>• /AT/</li> <li>• /unfccc/</li> <li>• /CLA/</li> </ul> |                          |   |                                     |   |                                     |  |
| <b>Findings</b>                     | <table border="1"> <tr> <td><input type="checkbox"/></td><td>Additionality is demonstrated at POA level</td></tr> <tr> <td><input checked="" type="checkbox"/></td><td>Additionality will be demonstrated at CPA level</td></tr> <tr> <td><input checked="" type="checkbox"/></td><td>The respective requirements have widely been complied with; however the following issues needed to be addressed in this context:<br/>CAR 08, CAR 09 &amp; CL 02</td></tr> </table>   | <input type="checkbox"/> | Additionality is demonstrated at POA level  | <input checked="" type="checkbox"/> | Additionality will be demonstrated at CPA level   | <input checked="" type="checkbox"/> | The respective requirements have widely been complied with; however the following issues needed to be addressed in this context:<br>CAR 08, CAR 09 & CL 02 |
| <input type="checkbox"/>            | Additionality is demonstrated at POA level   |                          |   |                                     |   |                                     |  |
| <input checked="" type="checkbox"/> | Additionality will be demonstrated at CPA level  |                          |   |                                     |   |                                     |  |
| <input checked="" type="checkbox"/> | The respective requirements have widely been complied with; however the following issues needed to be addressed in this context:<br>CAR 08, CAR 09 & CL 02   |                          |   |                                     |   |                                     |  |
| <b>Conclusion</b>                   | <table border="1"> <tr> <td><input type="checkbox"/></td><td>No CARs/CLs have been raised in this context. No correction was required in the context. The project is in line with the respective requirements.</td></tr> <tr> <td><input type="checkbox"/></td><td>The raised CARs/CLs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 3.</td></tr> </table> <p>PoA additionality has been adequately demonstrated. The CPA additionality will be demonstrated at CPA level using the methodological tool 19: <i>Demonstration of additionality of micro-scale project activities Version 8.0</i><sup>1</sup>.</p> <p>Each CDM micro-scale unit (independent subsystem) within the CPA is exempted from performing a de-bundling check in line with §120 n) of the CDM project standard for programmes of activities, version 1.0, as well as §17 of the methodological tool 19.</p>  | <input type="checkbox"/> | No CARs/CLs have been raised in this context. No correction was required in the context. The project is in line with the respective requirements. | <input type="checkbox"/>            | The raised CARs/CLs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 3. |                                     |  |
| <input type="checkbox"/>            | No CARs/CLs have been raised in this context. No correction was required in the context. The project is in line with the respective requirements.  |                          |   |                                     |   |                                     |  |
| <input type="checkbox"/>            | The raised CARs/CLs have been addressed appropriately. The PP has carried out the requested corrections. All respective findings could be closed out. For details please refer to Appendix 3.  |                          |   |                                     |   |                                     |  |

## D.1.5.Start date and duration of the PoA

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>The PoA start date is 08/10/2014, when the CME officially notified the secretariat and the DNA of the host Party of its intention to seek the CDM status. The PoA-DD and specific case CPA-DDs were published for global stakeholder consultation (GSCP) on 11/08/2016. Therefore, the earlier date of 08/10/2014 shall be the PoA start date in line with the CDM Glossary of Terms.</p> <ul style="list-style-type: none"> <li>-the starting date of the PoA is determined correctly and evidenced</li> <li>-as per EC (7) the starting date of any CPA will be on or after the start date of the PoA</li> <li>-the length of the PoA does not exceed 28 years</li> </ul> <p>The following sources of information have been used in this context:</p> |
|----------------------------|--|

<sup>1</sup> See also clarification from the methodology Panel - CLA\_TOOL\_0026

|                   |   |
|-------------------|---|
|                   | <ul style="list-style-type: none"> <li>• /PoA-DD/</li> <li>• /VVS/</li> <li>• /PS/</li> <li>• /unfccc/</li> <li>• /GT/</li> </ul> |
| <b>Findings</b>   | -CAR 11   |
| <b>Conclusion</b> | The PoA start date and duration of 28 years 0 months have been correctly defined according to CDM PS and PoA Standard guidelines. |

#### D.1.6.Environmental impacts

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>By checking the PoA-DD section E, the environmental impact assessment has been conducted at PoA level. The Malian Ministry of Energy and Hydrology in conjunction with the CME carried out an EIA of the proposed measures under the PoA and identified the impacts and proposed mitigation measures. The impacts and proposed corresponding measures have been comprehensively discussed in the report and correctly transferred into the PoA-DD. It has been determined that the environmental impacts are insignificant by the CME and the host party. The host country LoA has indicated that the proposed PoA is in line with the national policy on environmental protection. Consequently, an EIA waiver letter was issued by the ministry of environment addressed to the CME. However, the CME will be required to conduct an EIA every five years.</p> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>• /PoA-DD/</li> <li>• /VVS/</li> <li>• /PS/</li> <li>• /unfccc/</li> <li>• /EIA/</li> <li>• /IM01/</li> </ul> |
| <b>Findings</b>            | -CAR 12  |
| <b>Conclusion</b>          | The EIA process has been carried out fulfilling host country and all applicable requirements of the VVS  |

#### D.1.7.Socio-economic impacts

|                            |                                    |
|----------------------------|------------------------------------|
| <b>Means of validation</b> | Not applicable for the non-A/R PoA |
| <b>Findings</b>            |                                    |
| <b>Conclusion</b>          |                                    |

#### D.1.8.Local stakeholder consultation

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>By checking the PoA-DD section F, the Local stakeholder consultation will be conducted at PoA level covering the entire PoA boundary. The host country does not have specific rules on the timing of the stakeholder consultation. The LSC was carried out on 18/05/2016 at the Hotel Olympe in Bamako and was attended by public servants, NGO representatives, interested individuals, mini-grid operators and the CME. A feedback form was completed and included in the report. Comments were overwhelmingly positive, with a few clarification requests from members present.</p> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>• /PoA-DD/</li> <li>• /VVS/</li> <li>• /PS/</li> <li>• /LSC/</li> <li>• /unfccc/</li> <li>• /IM01/</li> <li>• /IM02/</li> </ul> |
| <b>Findings</b>            | -CAR 13, CAR 14, & CAR 15, FAR 01  |
| <b>Conclusion</b>          | Local stakeholder consultation has been conducted at PoA level. However, individual CPAs will still take into consideration any stakeholder  |

|  |   |
|--|---|
|  | <p>comments/feedback.</p> <p>The LSC was conducted after the start date of the PoA (08/10/2014), as well as before the CME submitted the draft PoA-DD to the DOE for validation.</p> <p>It can be confirmed that due steps were taken to engage all relevant stakeholders and solicit comments for the proposed CDM PoA: individual emails were sent and newspaper announcements, were issued prior to the PSC. The comments (mainly positive) were taken into account by the CME and included in section F of the PoA-DD. A total of 85 attendees were present and have included their names and signatures in the stakeholder consultation report</p> <p>The DOE carried out interviews onsite and at the CME offices with relevant stakeholders eg representatives or households, local administrators, and mini-grid operators in order to confirm the LSC process and if their views were taken into account to their satisfaction. The validator can confirm that the LSC process is adequate and in line with all the requirements of the VVS.</p> |
|--|---|

#### D.1.9.Sustainable development co-benefits

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>Section A.2 of the PoA-DD includes the policy or stated goal of the PoA, it can be confirmed that the PoA will contribute to sustainable development through providing clean and sustainable energy solutions to the host country rural households and SMEs, reduction in anthropogenic emissions and provision of employment opportunities. The DNA of Mali has provided a letter of approval (HCA) confirming that the proposed PoA (and CPAs) will contribute to sustainable development.</p> <p>The following sources of information have been used in this context:</p> <p>/HCA/<br/>/PS/<br/>/VVS/<br/>/PoA-DD/</p> |
| <b>Findings</b>            | CAR 16, FAR 01   |
| <b>Conclusion</b>          | The DNA of Mali has provided a letter of approval (HCA) confirming that the proposed PoA (and CPAs) will contribute to sustainable development.  |

#### D.1.10.Approval

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>By checking the PoA-DD, and the LoAs the following can be confirmed:</p> <p>The LoAs from the host country and Annex 1 country have been obtained and furnished to the DOE by the CME. The LoAs have been signed and stamped by representatives of both DNAs. Therefore, the LoAs are authentic and validated under the finding indicated below</p> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>• /PoA-DD/</li> <li>• /HCA/</li> <li>• /LoA/</li> <li>• /VVS/</li> <li>• /PS/</li> <li>• /unfccc/</li> </ul>   |
| <b>Findings</b>            | -CAR 16  |
| <b>Conclusion</b>          | <p>It can be confirmed that: -</p> <ul style="list-style-type: none"> <li>- AMADER has been authorized by the host party and IBRD by the Annex 1 party involved (Sweden)</li> <li>- The PoA is a voluntary undertaking by the CME</li> <li>- Both parties involved have ratified the Kyoto Protocol</li> <li>- The letter is authentic and valid for the PoA</li> <li>- Both letters of approval are unconditional</li> <li>- The PoA aids the country in sustainable development</li> <li>- The LoAs fulfill all the stated criteria under the PS and VVS</li> <li>- The Annex 1 LoA also confirms that public funding from Annex 1 party (Sweden) does not result in diversion of official development Assistance (ODA)</li> </ul> |

## D.1.11.Authorization

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>The LoAs from the host country and Annex 1 country have been obtained and furnished to the DOE by the CME. The LoAs have been signed and stamped by representatives of both DNAs. Therefore, the LoAs are authentic and validated under the finding indicated below</p> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>• /PoA-DD/</li> <li>• /HCA/</li> <li>• /LoA/</li> <li>• /VVS/</li> <li>• /PS/</li> <li>• /unfccc/</li> </ul>   |
| <b>Findings</b>            | -CAR 16  |
| <b>Conclusion</b>          | <p>It can be confirmed that: -</p> <ul style="list-style-type: none"> <li>- AMADER has been authorized by the host party and IBRD by the Annex 1 party involved (Sweden)</li> <li>- The PoA is a voluntary undertaking by the CME</li> <li>- Both parties involved have ratified the Kyoto Protocol</li> <li>- The letter is authentic and valid for the PoA</li> <li>- Both letters of approval are unconditional</li> <li>- The PoA aids the country in sustainable development</li> <li>- The LoAs fulfill all the stated criteria under the PS and VVS</li> <li>- The Annex 1 LoA also confirms that public funding from Annex 1 party (Sweden) does not result in diversion of official development Assistance (ODA)</li> </ul> |

## D.1.12.Modalities of communication

|                            |   |
|----------------------------|---|
| <b>Means of validation</b> | <p>The validation team has directly checked the provided MoC statement in accordance with paragraphs 81/82 of the CDM VVS version 1.0. and §75 guidelines of the CDM PoA PS version 01.0</p> <ul style="list-style-type: none"> <li>➢It is confirmed that the title of the PoA is consistent.</li> <li>➢The joint signatories are shared between representatives of AMADER and IBRD as primary authorized signatories.</li> <li>➢The list of project participants in Section 2 includes both PoA implementers.</li> <li>➢The MoC incl. Annexes has been correctly completed</li> <li>➢The valid version of the MoC form has been used</li> </ul> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>• /MoC/</li> <li>• /PS/</li> <li>• /VVS/</li> </ul> |
| <b>Findings</b>            | -CAR 16   |
| <b>Conclusion</b>          | The modalities of communication (MoC) statement has been completed as per all the requirements of §75 of the PoA PS version 01.0  |

## D.1.13.Global stakeholder consultation

|                            |   |
|----------------------------|---|
| <b>Means of validation</b> | <p>A draft PoA design document was submitted to the validation team by the project participants. The DOE has made this report publicly available on 11/08/2016, to begin the validation process and invite stakeholder comments. No comments were received.</p> <ul style="list-style-type: none"> <li>• /PS/</li> <li>• /VVS/</li> <li>• /PoA-DD/</li> <li>• /unfccc/</li> </ul> |
| <b>Findings</b>            | -   |
| <b>Conclusion</b>          | No comments were received with regard to the proposed PoA. Therefore, no significant changes have occurred since the documents were uploaded for GSCP. The global stakeholder consultation process has been adequately conducted.   |

## D.2.Generic component project activities

## D.2.1.General description of generic CPA (Part II)

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>By checking Part II Section H.3 of the generic CPA-DD and the PoA-DD it can be confirmed that</p> <ul style="list-style-type: none"> <li>- The generic CPA-DD has clearly defined the scope of a typical CPA.</li> <li>- The technology/measure for the CPA has been clearly described</li> <li>- CPAs are regarded to be of the same type if they are similar with regard to the technology or measure, demonstration of additionality, emission reduction calculations and monitoring. The CPAs are considered Type III as defined by the CDM, utilize the same SSC methodology to provide the same technologies and measures to the end-user.</li> <li>- The information provided is consistent with the PoA-DD.</li> <li>- The CPA will be implemented by different entities under the guidance of the CME</li> </ul> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>• /PoA-DD/</li> <li>• /AMSBL/</li> </ul> |
| <b>Findings</b>            | -CAR 17  |
| <b>Conclusion</b>          | Section H.3 of the generic CPA-DDs adequately describes a typical specific-case Type 1 CPA under the PoA. The description of the generic CPAs in the PoA-DD is accurate, complete, and provides an understanding of the generic CPA  |

## D.2.2.Application and selection of methodologies and standardized baselines

## D.2.2.1.Application of methodologies and standardized baselines

|                            |   |
|----------------------------|---|
| <b>Means of validation</b> | <p>By checking section I.2 of each generic CPA-DD, it can be confirmed that the CPAs under the PoA will comply with the applicability conditions of the applied methodology AMS-III.BL, Version 01.0 as follows:-</p> <ul style="list-style-type: none"> <li>• Each CPA will comply with all the methodology applicability conditions but satisfying the applicable micro-scale thresholds throughout the crediting period.</li> <li>• The applied methodology version is valid and available on the UNFCCC website.</li> <li>• Each CPA applies the tools referred to in the applicable methodology.</li> <li>• The installed equipment will be new</li> <li>• Each CPA will apply only one methodology and one measure. Therefore, there are no cross-effects.</li> </ul> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>• /PoA-DD/</li> <li>• /IM01/</li> <li>• /AMSBL/</li> <li>• /unfccc/</li> </ul> |
| <b>Findings</b>            | -CAR 18 & CAR 19  |
| <b>Conclusion</b>          | <p>The validation team has analysed all applicability conditions in the methodology against the proposed technologies, measure, design, and scope of the generic CPA-DD. All applicability and eligibility conditions of the CDM methodology will be met by CPAs.</p> <p>No standardized baseline has been applied</p>  |

## D.2.2.2.Deviation from methodologies and/or methodological tools

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>No deviation from the selected methodologies has been applied or approved by the Board for the proposed PoA.</p> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>• /PoA-DD/</li> <li>• /IM01/</li> <li>• /AMSBL/</li> <li>• /AMSAR/</li> <li>• /unfccc/</li> </ul> |
| <b>Findings</b>            | N/A  |
| <b>Conclusion</b>          | No deviation has been applied or approved  |

**D.2.2.3. Clarification on applicability of methodology, tool and/or standardized baseline**

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>There has been no clarification on the applicability of the selected methodologies or tools approved by the Board for the proposed PoA</p> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>• /PoA-DD/</li> <li>• /IM01/</li> <li>• /CL/</li> <li>• /AMSBL/</li> <li>• /unfccc/</li> </ul>                                  |
| <b>Findings</b>            | -  |
| <b>Conclusion</b>          | <p>No clarification on applicability of the applied methodology or tools has been issued.</p> <p>However, one clarification regarding the definition of the Micro-scale CDM Unit for the CPA additionality argument was requested and obtained from the Meth Panel on 28/11/2017: Methodological tool 19: <i>Demonstration of additionality of microscale project activities-version 8.0</i></p> |

**D.2.2.4. Project boundary, sources and GHGs**

|                            |   |
|----------------------------|---|
| <b>Means of validation</b> | <p>By checking section I.4 of the generic CPA-DD, and comparing it to the applied methodology and with similar CDM projects, the validation team confirms that the sources and GHGs included in the generic CPA boundary for the purpose of calculating project emissions and baseline emissions have been correctly included.</p> <p>The following sources of information have been used in this context:</p> <p>/PoA-DD/<br/>/AMSBL/<br/>/unfccc/</p> |
| <b>Findings</b>            | -CAR 20   |
| <b>Conclusion</b>          | <p>The PoA's spatial boundaries (geographical) within which all CPAs included in the PoA will be implemented is clearly defined. All sources and GHGs included in the CPA boundary are as required in the applicable methodology.</p>   |

**D.2.2.5. Baseline scenario**

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>In accordance with VVS §111, the baseline scenario of the generic CPA has been assessed. Section I.5 has been checked according to the requirements of the applicable methodology.</p> <p>The baseline scenario for this Type 1 CPA is determined by the type of consumer. The proposed CPA covers only Type III consumers, defined as "consumers who were connected to a mini-grid system prior to the project activity". As such, the baseline technology as described in section H.3 above is a fossil fuel mini-grid system and default emission factors for the calculation of baseline emissions shall be adopted from Table 4 of the methodology according to the load factor and hours of service for the baseline scenario. The default emission factors for this baseline technology shall be adopted for each real-case CPA in line with the existing mini-grid characteristics.</p> <p>The following sources of information have been used in this context:</p> <p>/PoA-DD/<br/>/AMSBL/<br/>/AMSAR/</p> |
| <b>Findings</b>            | -CAR 20 & CAR 21   |
| <b>Conclusion</b>          | <p>The baseline scenario for this generic CPA type 1 has been correctly defined as per the methodology.</p>  |

**D.2.2.6. Estimation of emission reductions or net anthropogenic removals**

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>Section I.6.1 of the generic CPA-DD has been checked and compared with the prescribed methodological options in AMS-III.BL, version 01.0.</p> <p>-The equations are correctly applied according to the approved methodologies.</p> <p>-all data sources and assumptions are appropriate and parameters which remain fixed throughout the crediting period are correct and applicable to the project</p> |
|----------------------------|--|

and will lead to a conservative estimation of emission reductions

Total Emission reductions are calculated according to the following equation;

$$ER_y = BE_y - PE_y - LE_y$$

Where:

|        |                     |
|--------|---------------------|
| $ER_y$ | Emission reductions |
| $BE_y$ | Baseline Emissions  |
| $PE_y$ | Project emissions   |
| $LE_y$ | Leakage             |

The baseline scenarios are dictated by consumer types as per §20 of the applied methodology.

As per §16 of the applied methodology, 'the spatial extent of the project boundary includes all power plants connected through transmission and/or distribution lines to the mini-grid that is being built or extended through the project activity'.

#### Baseline Emissions

Accordingly, the baseline emissions are determined by equation 2 of the methodology as the sum of all consumer groups.

$$BE_y = BE_{T1,y} + BE_{T2,y} + BE_{T3,y} + BE_{T4,y}$$

Where

|             |  |
|-------------|--|
| $BE_{T1,y}$ | Baseline emissions for Type I consumers in year y (tCO <sub>2</sub> )  |
| $BE_{T2,y}$ | Baseline emissions for Type II consumers in year y (tCO <sub>2</sub> ) |
| $BE_{T3,y}$ | Baseline emission for Type III consumers in year y (tCO <sub>2</sub> ) |
| $BE_{T4,y}$ | Baseline emissions for Type IV consumers in year y (tCO <sub>2</sub> ) |

The proposed generic CPA involves the hybridization of existing fossil fuel powered mini-grids using renewable energy systems, and therefore, consumer type III.

$BE_{T1,y}$ ,  $BE_{T2,y}$  and  $BE_{T4,y}$  are all equal to 0. Emissions from  $BE_{T3,y}$  are calculated as per equation 5 of the applied baseline and monitoring methodology:

$$BE_{T3,y} = \sum_{w=1}^P (EC_{T3,w,y} \times EF_{CO2,T3})$$

Where

|               |   |
|---------------|---|
| $BE_{T3,y}$   | Baseline emission for Type II consumers in year y (tCO <sub>2</sub> ) |
| $EC_{T3,w,y}$ | Annual electricity consumption of Type III consumer w in year y (MWh) |
| $EF_{CO2,T3}$ | Baseline emissions factor for Type III consumers                      |
| $P_y$         | Number of Type III consumers in year y                                |
| w             | Type III consumer (w = 1, 2, 3, ...)                                  |

#### Project emissions

According to equation 7 of the methodology, total project emissions are the sum of all the individual technologies as follows.

$$PE_y = PE_{IS,y} + PE_{G,y}$$

Where

|             |   |
|-------------|---|
| $PE_{IS,y}$ | Project emissions from new or rehabilitated individual renewable or hybrid energy systems in year y (tCO <sub>2</sub> ) |
| $PE_{G,y}$  | Project emission from renewable and hybrid mini-grids and grid  |

extension in year y (tCO<sub>2</sub>)

$PE_{IS,y} = 0$  since the proposed generic CPA concerns only hybrid mini-grids

Therefore, for this generic CPA,  $PE_y = PE_{G,y}$

$PEG_y$  for each mini-grid involved is calculated as follows in line with §42 of the methodology.

$$PEG_y = \frac{ES_{tot,y} \times EF_{grid,CO_2,y}}{(1 - TL_{grid})}$$

Where

$PE_{G,y}$  Project emission from hybrid mini-grids in year y (tCO<sub>2</sub>)

$ES_{tot,y}$  Total electricity supplied to all consumers (MWh)

$EF_{grid,CO_2,y}$  Emission factor of the project electricity system in year y (tCO<sub>2</sub>/MWh)

*(the emissions factor is determined as either: (a) for a mini-grid system where all generators use exclusively fuel oil and/or diesel fuel using the emissions factors in Table 4 of the applied methodology)*

$TL_{grid}$  Transmission and distribution losses in the project activity electricity system supplying the project activity (%). ( $TL_{grid} = 0$  for mini-grid)

Total project emissions shall be calculated as the sum of the emissions from all of the hybridized mini-grids.

The total electricity supplied to all new and existing consumers is calculated as follows, as only Type III consumers are considered under the CPA:

$$ES_{tot,y} = \frac{\sum_{w=1}^{P_y} EC_{T3,w,y}}{(1 - TL_p)}$$

Where

$ES_{tot,y}$  Total electricity supplied to all new and existing consumers (MWh)

$EC_{T3,w,y}$  Metered annual electricity consumption of Type III consumer w in year y (MWh)

$TL_p$  Local distribution losses within the project area (%), with 10 per cent as a default value

#### Leakage Emissions

According to §35 of the applied methodology, leakage on account of construction of new transmission/distribution lines (e.g. carbon stock loss due to deforestation) shall be calculated using equation 12 of the methodology AM0045 (Grid connection of isolated electricity systems) as follows

$$LE_y = A_{def} * L_c$$

Where

$L_1$  = Leakage emissions to be accounted in the first year of project crediting period

$A_{def}$  = Area of land deforested in hectares

$L_c$  = Carbon stock per unit area (above ground, below ground, soil carbon, litter and dead biomass), in tonnes of CO<sub>2</sub> per hectare

If the estimated leakage is within 5% of the estimated emission reductions of the project, then this leakage source may be neglected, otherwise the leakage shall be



|                   |  |
|-------------------|--|
|                   | <p>deducted from the emissions reductions</p> <p>Furthermore, if any energy generating equipment is transferred from another activity, leakage is to be considered.<br/>On both counts, no new transmission lines and no transfer of energy generating equipment. Therefore leakage is 0.</p> <p>The following sources of information have been used in this context:<br/>/PoA-DD/<br/>/AMSBL/<br/>/AM45/<br/>/XLS/<br/>/PS/<br/>/VVS/</p> |
| <b>Findings</b>   | -CAR 23  |
| <b>Conclusion</b> | The generic CPA-DD has included sufficiently all methodological choices for the CPAs in line with the applicable methodology.  |

#### D.2.2.7. Monitoring plan

|                            |   |
|----------------------------|---|
| <b>Means of validation</b> | <p>Section I.7.2/I.7.3 does not contain a proposed generic monitoring plan for the PoA, in line with the requirements of the applied methodologies AMS-III.BL, version 01.0.</p> <p>In line with §116 and §117 of the CDM PS for PoA version 01.0, the CME has chosen to delay the submission of the monitoring plans and will submit prior to the submission of its request for issuance for the first monitoring period.</p> <p>The following sources of information have been used in this context:<br/>/PoA-DD/<br/>/AMSBL/<br/>/PS/<br/>/VVS/<br/>/IM01/</p> |
| <b>Findings</b>            | -   |
| <b>Conclusion</b>          | A detailed monitoring plan will be provided by the CME before the first verification.   |

#### D.2.3. Crediting period type and duration

|                            |   |
|----------------------------|---|
| <b>Means of validation</b> | <p>Section J of each generic CPA-DD has been checked and it can be confirmed that each CPA will have a fixed crediting period of 10 years. Appropriate eligibility criterion (#8) has also been established by the CME</p> <p>The following sources of information have been used in this context:<br/>/PoA-DD/<br/>/AMSBL/<br/>/PS/<br/>/VVS/<br/>/IM01/</p> |
| <b>Findings</b>            | No findings were raised   |
| <b>Conclusion</b>          | The coordinating/managing entity has defined the type and duration of the crediting period applicable to all corresponding CPAs in accordance with §135 of the PoA VVS version 1.0, as well as §118 of the PoA PS version 1.0   |

## D.2.4. Eligibility criteria for inclusion of CPAs

| No. | Eligibility criterion - Category/Required condition  | Means of validation   | Findings | Conclusion   |
|-----|--|---|----------|--|
| 1.  | Each CPA covers the hybridization of existing diesel-powered mini-grids through solar PV systems       | The CPA aims to provide electricity to consumers not previously connected to a national/regional grid, or where a fraction of consumers that were supplied with electricity from a fossil based individual energy system or fossil fuel based mini-grid prior to the implementation of the project, are supplied with electricity from the project activity (e.g. moving from carbon intensive mini-grid to less carbon intensive grid or mini grid). | CAR 09   | CPAs under this generic CPA type shall involve the hybridization of existing diesel-powered mini-grids through solar PV systems, in line with §5d) of the methodology as well as §120 d), 120 f) of the CDM project standard for programmes of activities, version 1.0.  |
| 2.  | Each CPA will be located within the physical/geographical boundary of the PoA.                         | This criterion will ensure that all CPAs are within the geographical boundary set by the PoA (Mali). This can be checked via the host country letters of approval, GPS coordinates, the CPA-DDs as well as relevant technical and financial aspects of the CPA. Therefore, criterion is objective and comprehensive to allow assessment and inclusion of the CPA into the registered PoA  | CAR 09   | According to §120 a), of the CDM project standard for programmes of activities, version 1.0, the geographical boundary of each CPA, including any time-induced boundary, shall be consistent with the geographical boundary set in the PoA. The PoA boundary is set as per page 1, and sections A.2 of the PoA-DD. This eligibility criterion has been sufficiently set for all CPAs |
| 3.  | Each CPA will use Methodological Tool 19, as each CPA is a micro-scale activity and located in and LDC | The criterion provides a clear framework in which each CPA can demonstrate additionality, based the methodological tool 19. Therefore, this criterion is sufficiently established.  | CAR 09   | All CPAs shall be additional to be included in the PoA, applying §10 a) of the methodological tool: <i>Demonstration of additionality of microscale project activities, version 8.0.</i> This is adequately prescribed in section C of the PoA-DD. This eligibility criterion has  |

| No. | Eligibility criterion - Category/Required condition   | Means of validation   | Findings | Conclusion   |
|-----|---|---|----------|--|
|     |   |   |          | been sufficiently set for all CPAs as per §120 g) of the CDM project standard for programmes of activities, version 1.0.   |
| 4.  | Each CPA will apply the micro-scale threshold at the unit level, i.e. no single unit, defined as a single mini-grid will exceed 20 ktCO <sub>2</sub> e per year | The independent subsystem within the CPA which is a single hybridized mini-grid shall not exceed the micro-scale limit of 20,000 tCO <sub>2</sub> e per annum to comply with criteria for additionality <sup>CL/AT/</sup> .   | CAR 09   | The CME has elected to apply the micro-scale threshold at the unit level rather than at the aggregate level of the CPA. Therefore, each independent subsystem (hybridized mini-grid), defined as the micro-scale CDM unit within the CPA shall not exceed the micro-scale limit of 20,000 tCO <sub>2</sub> e per annum. This criterion complies with §120 f), 120 g), 120 m), and 124 c) of the CDM project standard for programmes of activities, version 1.0 |
| 5.  | Each CPA will demonstrate that de-bundling does not apply to the CPA as per the Methodical Tool 19  | The proposed micro-scale component project activity that achieves additionality via micro-scale criteria is does not need to demonstrate is not a debundled component of a large-scale CDM project activity in accordance with the methodological tool 19 and §120 n) of the CDM project standard for programmes of activities, version 1.0 | CAR 09   | Each CDM micro-scale unit (mini-grid) within the CPA is exempted from performing a de-bundling check in line with §120 n) of the CDM project standard for programmes of activities, version 1.0, as well as §17 of the methodological tool 19.   |
| 6.  | Each CPA will utilize unique identifiers and GPS coordinates for every technology/measure under the CPA.  | Establishing unique identities such as GPS coordinates of each CPA, mentioned in the CPA-DD, by the CME, will ensure a unique system of verifying each CPA as a unique project and inclusion into the PoA, without the risk of double-counting of emission  | CAR 09   | All CPAs shall avoid double-counting of emission reductions through establishing unique identification for all CPAs such as GPS coordinates, in line with §120 b) of the CDM project standard for programmes of activities, version 1.0. This criterion has been   |

| No. | Eligibility criterion -<br>Category/Required<br>condition | Means of validation | Findings | Conclusion                               |
|-----|---|---------------------|----------|--|
|     |   | reductions.         |          | sufficiently prescribed<br>for all CPAs. |

| No. | Eligibility criterion - Category/Required condition  | Means of validation   | Findings | Conclusion   |
|-----|--|---|----------|--|
| 7.  | Each CPA will prove that the start date of the CPA is on or after the start date of the PoA. The start date of the CPA is the date on which construction, implementation, or real action concerning the CPA, as shown through a contract detailing real action or an invoice for equipment.  | As per the PoA Standard version 01.0, no CPA may commence before the PoA start of validation or exceed the PoA lifetime. Therefore, this criterion ensures that only eligible and additional CPAs are included into the proposed PoA. |          | The start date of a CPA cannot be before PoA start date. The eligibility criterion ensures that all CPAs included in the PoA conform to the guidelines of §120 e) and §187 of the CDM project standard for programmes of activities, version 1.0.                          |
| 8.  | Each CPA will have a fixed crediting period.   | This CPA shall have a fixed crediting period as prescribed by the PoA. The CPA-DDs can be checked to verify the crediting period  | CAR 09   | This is a PoA-specific requirement stipulated by the CME that prescribes a fixed crediting period for all CPAs. Therefore, all CPAs in the PoA must have a fixed crediting period  |
| 9.  | Each CPA will confirm that it is not receiving funding dedicated as Official Development Assistance (ODA) through a two-stage process. The first stage is a check if the CPA is receiving public funding. If the CPA is not receiving public funding a statement from the CPA Implementer stating such is provided. If the CPA is receiving public funding a statement is required from the funder affirming that the public funding is not ODA. | The real-case CPA shall demonstrate funding sources, including public funding and ensure that there is no diversion of ODA. Therefore, this criterion is sufficiently established.  | CAR 09   | The guideline §35 and §120 j) in the CDM project standard for programmes of activities ensures the fulfilment of this criterion. The PoA-DD section A.6 provides an affirmation to check that any form of public funding for the CPAs will not amount to diversion of ODA. |
| 10. | Each CPA will apply the CDM baseline and monitoring methodology AMS-III.BL Version 1, and adhere to all applicability conditions and other requirements of the methodology. At least 75% of the end-users that receive electricity from systems installed under the CPA shall be households.   | Ensures applicability of the methodology applied in the PoA is met as per CDM guidelines. This can be verified through technical information and specific-case CPA-DDs provided by project participants                               | CAR 09   | All CPA utilizing this generic CPA-DD shall apply the small-scale methodology AMS-III.BL. All applicability conditions of the methodology shall be met as well, in line with §120 f) and §120 h) of the CDM project standard for programmes of activities, version 1.0.    |

| No. | Eligibility criterion - Category/Required condition  | Means of validation   | Findings | Conclusion   |
|-----|--|---|----------|--|
| 11. | Each CPA targets households and institutions/SMEs not connected to a national/regional grid prior to the activity, or connected to a fossil fuel based mini-grid prior to the activity, who are provided with less carbon-intensive electricity as a result of the project activity. | The scale and technology/measure of each component project activity allows the CME to assess the baseline, the applicability of methodology, potential emission reductions as well as suitability of the technology/measure for the registered PoA. Therefore, this criterion is essential and verifiable via technical specifications. The target group for this CPA shall be specified and verified in line with the applied methodology                                    | CAR 09   | The eligibility criterion ensures that all CPAs utilizing this methodology will specify the target group for all eligible CPAs in order to conform to the applied methodology, as well as the PoA stated policy, operational and management framework. §120 k) of the CDM project standard for programmes of activities, version 1.0 prescribes this condition.  |
| 12. | The Local Stakeholder Consultation and Environmental Impact Analysis have been conducted at the PoA level. Each CPA will take into consideration the comments from the Stakeholder Consultation and abide by the environmental regulations of the host country                       | All project activities shall take into consideration environmental impacts of their proposed activities as well as take stakeholder consultations as part of their overall undertaking. Environmental impacts of their proposed activities as well as take stakeholder consultations are done at PoA level. Nonetheless, each CPA shall demonstrate consideration of any stakeholder comments with verifiable evidence. Therefore, this criterion is sufficiently established | CAR 09   | All CDM project activities are required to demonstrate consideration of potential environmental impacts of their activities. In accordance with §§51-55 of the CDM validation and verification standard for programmes of activities, version 1.0, as well as §§44-46 of the CDM project standard for programmes of activities, version 1.0. The EC has been therefore established in fulfilling these requirements as derived from §120 i) of the CDM project standard for programmes of activities, version 1.0<br><br>All CDM component project activities are required to demonstrate consideration of |

| No. | Eligibility criterion - Category/Required condition | Means of validation | Findings | Conclusion                             |
|-----|---|---------------------|----------|--|
|     |   |                     |          | stakeholder input on their activities. |

### D.3.Generic component project activities

#### D.3.1.General description of generic CPA (Part III)

|                            |   |
|----------------------------|---|
| <b>Means of validation</b> | <p>By checking Part III Section H.3 of the generic CPA-DDs and the PoA-DD it can be confirmed that</p> <ul style="list-style-type: none"> <li>- The generic CPA-DD has clearly defined the scope of a typical CPA.</li> <li>- The technology/measure for the CPA has been clearly described</li> <li>- CPAs are regarded to be of the same type if they are similar with regard to the technology or measure, demonstration of additionality, emission reduction calculations and monitoring. The CPAs are considered Type III as defined by the CDM, utilize the same SSC methodology to provide the same technologies and measures to the end-user.</li> <li>-The information provided is consistent with the POA-DD.</li> <li>-The CPA will be implemented by different entities under the guidance of the CME</li> </ul> <p>The following sources of information have been used in this context:<br/>/PoA-DD/<br/>/AMSAR/</p> |
| <b>Findings</b>            | -   |
| <b>Conclusion</b>          | Section H.3 of the generic CPA-DDs adequately describes a typical specific-case Type 2 CPA under the PoA. The description of the generic CPAs in the PoA-DD is accurate, complete, and provides an understanding of the generic CPA   |

### D.3.2.Application and selection of methodologies and standardized baselines

#### D.3.2.1.Application of methodologies and standardized baselines

|                            |   |
|----------------------------|---|
| <b>Means of validation</b> | <p>By checking section I.2 of each generic CPA-DD, it can be confirmed that the CPAs under the PoA will comply with the applicability conditions of the applied methodology AMS-III.AR, Version 05.0 as follows:-</p> <ul style="list-style-type: none"> <li>- Each CPA will comply with the respective methodology, satisfying the applicable thresholds throughout the crediting period.</li> <li>- The applied version is valid and available on the UNFCCC website.</li> <li>- Each CPA applies the tools referred to in the applicable methodology.</li> <li>- The installed equipment will be new</li> <li>- Each CPA will apply only one methodology and one measure. Therefore, there are no cross-effects between the methodologies applied.</li> </ul> <p>The following sources of information have been used in this context:<br/>/PoA-DD/<br/>/IM01/<br/>/AMSAR/<br/>/unfccc/</p> |
| <b>Findings</b>            | -CAR 26   |
| <b>Conclusion</b>          | <p>The validation team has analysed all applicability conditions in the methodology against the proposed technologies, measure, design, and scope of the generic CPA-DD. All applicability and eligibility conditions of the methodology will be met by CPA.</p> <p>No standardized baseline has been applied</p>   |

#### D.3.2.2.Deviation from methodologies and/or methodological tools

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>No deviation from the selected methodologies has been applied or approved by the Board for the proposed PoA.</p> <p>The following sources of information have been used in this context:<br/>/PoA-DD/</p> |
|----------------------------|--|

|                   |   |
|-------------------|---|
|                   | /IM01/<br>/AMSAR/<br>/unfccc/             |
| <b>Findings</b>   | N/A                                       |
| <b>Conclusion</b> | No deviation has been applied or approved |

**D.3.2.3. Clarification on applicability of methodology, tool and/or standardized baseline**

|                            |   |
|----------------------------|---|
| <b>Means of validation</b> | There has been no clarification on the applicability of the selected methodologies or tools approved by the Board for the proposed PoA<br>The following sources of information have been used in this context: <ul style="list-style-type: none"> <li>• /PoA-DD/</li> <li>• /IM01/</li> <li>• /CL/</li> <li>• /AMSAR/</li> <li>• /AT/</li> <li>• /unfccc/</li> </ul>                  |
| <b>Findings</b>            | -   |
| <b>Conclusion</b>          | No clarification on applicability of the applied methodology or tools has been issued.<br>However, one clarification regarding the definition of the Micro-scale CDM Unit for the CPA additionality argument was requested and obtained from the Meth Panel on 28/11/2017: Methodological tool 19: <i>Demonstration of additionality of microscale project activities-version 8.0</i> |

**D.3.2.4. Project boundary, sources and GHGs**

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | By checking section I.4 of the generic CPA-DD, and comparing it to the applied methodology and with similar CDM projects, the validation team confirms that the sources and GHGs included in the generic CPA boundary for the purpose of calculating project emissions and baseline emissions have been correctly included.<br>The following sources of information have been used in this context:<br>/PoA-DD/<br>/AMSAR/<br>/unfccc/ |
| <b>Findings</b>            | -CAR 27  |
| <b>Conclusion</b>          | The PoA's spatial boundaries (geographical) within which all CPAs included in the PoA will be implemented is clearly defined. All sources and GHGs included in the PoA/CPA boundary are as required in the applicable methodology.   |

**D.3.2.5. Baseline scenario**

|                            |   |
|----------------------------|---|
| <b>Means of validation</b> | In accordance with VVS §111, the baseline scenario of the generic CPA has been assessed. Section I.5 has been checked according to the requirements of the applicable methodology.<br><br>The baseline scenario, prior to the project activity, is the continued use of fossil fuel based lamps (e.g. wick-based kerosene lanterns).<br><br>The following sources of information have been used in this context:<br>/PoA-DD/<br>/AMSAR/ |
| <b>Findings</b>            | -CAR 28   |
| <b>Conclusion</b>          | The baseline scenario for this generic CPA type 2 has been correctly defined as per the methodology.  |

**D.3.2.6. Estimation of emission reductions or net anthropogenic removals**

|                            |   |
|----------------------------|---|
| <b>Means of validation</b> | Section I.6.1 of the generic CPA-DD has been checked and compared with the prescribed methodological options in AMS-III.AR, version 05.0.<br>-The equations are correctly applied according to the approved methodologies.<br>-all data sources and assumptions are appropriate and parameters which remain |
|----------------------------|---|



fixed throughout the crediting period are correct and applicable to the project and will lead to a conservative estimation of emission reductions

Total Emission reductions are calculated according to the following equation;

$$ER_y = BE_y - PE_y - LE_y$$

Where:

|        |                     |
|--------|---------------------|
| $ER_y$ | Emission reductions |
| $BE_y$ | Baseline Emissions  |
| $PE_y$ | Project emissions   |
| $LE_y$ | Leakage             |

This CPA covers activities that replace portable fossil fuel based lamps with battery-charged LED or CFL based lighting systems in residential or non-residential applications. Under this CPA type, the target group is households and SMEs/institutions, who will receive a battery-charged LED or CFL based lighting system. The baseline technologies are lamps that directly consume fossil fuel. Evidence of the baseline is shown through documentation from official data<sup>/PoA-DD/</sup>.

#### Baseline Emissions

Emission reductions are determined based on the default usage and emission factors.

Baseline emissions are determined in line with paragraph 20 and 21 of AMS-III.AR Version 5.

$$DV = FUR \times O \times U \times EF \div 1000 \times LF \times n \times NTG$$

Where

|       |  |
|-------|--|
| $DV$  | Lamp Emission Factor (default is 0.092 t CO <sub>2</sub> e per project lamp) |
| $FUR$ | Fuel use rate (0.03 liters/hour)   |
| $O$   | Utilization rate (3.5 hours/day)   |
| $U$   | Annual utilization (365 days/year)   |
| $EF$  | Fuel emissions factor (2.4 kgCO <sub>2</sub> /liter)                         |
| $LF$  | Leakage factor (1.0)   |
| $n$   | Number of fuel-based lamps replaced per project lamp (1.0)                   |
| $NTG$ | Net-to-gross adjustment factor (1.0)   |

$$BE_y = DV \times GF_y \times DB_y$$

Where

|        |  |
|--------|--|
| $BE_y$ | Baseline emissions per project lamp in year $y$ (t CO <sub>2</sub> e)  |
| $GF$   | Grid Factor in year $y$ , Equal to 1.0 since charging option defined in paragraph 3(a) is used   |
| $DB_y$ | Dynamic Baseline Factor (change in baseline fuel, fuel use rate, and/or utilization during crediting period) in year $y$ , Option 1: default of 1.0 in the absence of relevant information |

Annual emission reductions are calculated as per paragraph 26, as follows. Emission reductions are considered from the date of distribution of the project lamps to end-users.

$$ER_y = \sum_{i,j} N_{i,j} \times (BE_{y,i} - PE_{y,i,j}) \times (OF_{y,i,j})$$

Since  $PE_{y,i,j} = 0$ , therefore,

$$ER_y = \sum_{i,j} N_{i,j} \times BE_{y,i} \times OF_{y,i,j}$$

|                   |  |
|-------------------|--|
|                   | <p>Where</p> <p><math>ER_y</math> Emission reductions in year <math>y</math> (tCO<sub>2</sub>e)</p> <p><math>N_{i,j}</math> Number of project lamps distributed to end users of lamp type <math>i</math> with charging method <math>j</math></p> <p><math>OF_{y,i,j}</math> Percentage of project lamps distributed to end users that are operating and in service in year <math>y</math>, for each lamp type <math>i</math> and charging method <math>j</math>. Assumed to be equal to 100% for years 1, 2 and 3, and equal to the value determined in paragraph 28, for years 4, 5, 6 and 7</p> <p>Project lamps are assumed to operate for up to seven years after distribution to end users. In line with the methodology, ex-post monitoring surveys to determine percentage of project lamps distributed to end users that are operating and in service will be conducted during the third year of the crediting period.</p> <p><i>Project Emissions</i></p> <p>There are no project emissions (<math>PE_y = 0</math>) if the project lamp is charged by a renewable energy system included as part of the project lamp (e.g. a photovoltaic system or mechanical system such as a hand crank charger). The CPA includes only project lamps whose batteries are charged using a renewable energy system (photovoltaic system) included as part of the project lamp.</p> <p><i>Leakage Emissions</i></p> <p>No leakage emissions are considered by the applied methodology</p> <p>The following sources of information have been used in this context:<br/> /PoA-DD/<br/> /AMSAR/<br/> /AM45/<br/> /XLS/<br/> /PS/<br/> /VVS/</p> |
| <b>Findings</b>   | -CL 04   |
| <b>Conclusion</b> | The generic CPA-DD has included sufficiently all methodological choices for the CPAs in line with the applicable methodology.  |

### D.3.2.7. Monitoring plan

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>Section I.7.2/I.7.3 does not contain a proposed generic monitoring plan for the PoA, in line with the requirements of the applied methodologies AMS-III.AR, version 05.0.</p> <p>In line with §116 and §117 of the CDM PS for PoA version 01.0, the CME has chosen to delay the submission of the monitoring plans and will submit prior to the submission of its request for issuance for the first monitoring period.</p> <p>The following sources of information have been used in this context:<br/> /PoA-DD/<br/> /AMSAR/<br/> /PS/<br/> /VVS/<br/> /IM01/</p> |
| <b>Findings</b>            | -  |
| <b>Conclusion</b>          | A detailed monitoring plan will be provided by the CME before the first verification   |

### D.3.3. Crediting period type and duration

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>Section J of the generic CPA-DD has been checked and it can be confirmed that each CPA will have a fixed crediting period of 10 years. Appropriate eligibility criterion (#8) has also been established by the CME</p> <p>The following sources of information have been used in this context:<br/> /PoA-DD/<br/> /AMSAR/</p> |
|----------------------------|--|

|                   |   |
|-------------------|---|
|                   | /PS/<br>/VVS/<br>/IM01/   |
| <b>Findings</b>   | No findings were raised   |
| <b>Conclusion</b> | The coordinating/managing entity has defined the type and duration of the crediting period applicable to all corresponding CPAs in accordance with §135 of the PoA VVS version 1.0, as well as §118 of the PoA PS version 1.0 |

**D.3.4. Eligibility criteria for inclusion of CPAs**

| No. | Eligibility criterion - Category/Required condition  | Means of validation  | Findings | Conclusion   |
|-----|--|--|----------|--|
| 1.  | Each CPA covers solar powered LED lighting systems to provide energy for lighting previously supplied through kerosene or other fossil fuels. Project lamps under each Type II CPA will be charged through a solar panel or mechanical system. The lamp battery will be lithium-ion, with a passive charge controller. The project lamps will be certified by their manufacturer to have a rated operational life of at least 10,000 hours. The light output of the lamps will be at least 25 lumens or illuminance of 50 lux over an area equal to or greater than 0.1 m <sup>2</sup> when suspended from a distance of 0.75 meters or self-supported. The DBT of the lamps will be equal to or greater than 4 hours. | The CPA aims to replace portable fossil fuel based lamps (e.g. wick-based kerosene lanterns) with battery-charged light-emitting diode (LED) or compact fluorescent lamps (CFL) based lighting systems <sup>1</sup> in residential and/or non-residential applications in line with applicability conditions of AMS-III.AR, version 05.0   | -        | All CPAs that apply the methodology AMS-III.AR under this generic CPA type shall involve installation of solar powered LED lighting systems to provide energy for lighting to Households and SMEs that were previously supplied through kerosene or other fossil fuels. Project lamps under each Type II CPA will be charged through a solar panel or mechanical system as per §5e), and will comply with the minimum requirements and applicability conditions prescribed by the methodology, methodology as well as §120 d), 120 f) of the CDM project standard for programmes of activities, version 1.0. |
| 2.  | Each CPA will be located within the physical/geographical boundary of the PoA.   | This criterion will ensure that all CPAs are within the geographical boundary set by the PoA (Mali). This can be checked via the host country letters of approval, GPS coordinates, the CPA-DDs as well as relevant technical and financial aspects of the CPA. Therefore, criterion is objective and comprehensive to allow assessment and inclusion of the CPA into the registered PoA | -        | According to §120 a), of the CDM project standard for programmes of activities, version 1.0, the geographical boundary of each CPA, including any time-induced boundary, shall be consistent with the geographical boundary set in the PoA. The PoA boundary is set as per page 1, and sections A.2 of the PoA-DD. This eligibility criterion has been sufficiently set for all CPAs   |
| 3.  | Each CPA will use Methodological Tool 19, as each CPA is a micro-scale activity and located in an  | The criterion provides a clear framework in which each CPA can demonstrate   | -        | All CPAs shall be additional to be included in the PoA, applying §10 a) of the   |

| No. | Eligibility criterion - Category/Required condition  | Means of validation   | Findings | Conclusion  |
|-----|--|---|----------|---|
|     | LDC  | additionality, mainly based the methodological tool 19. Therefore, this criterion is sufficiently established.  |          | methodological tool: <i>Demonstration of additionality of microscale project activities, version 8.0.</i> This is adequately prescribed in section C of the PoA-DD. This eligibility criterion has been sufficiently set for all CPAs as per §120 g) of the CDM project standard for programmes of activities, version 1.0.   |
| 4.  | Each CPA will apply the micro-scale threshold at the unit level, i.e. no single unit, defined as a single solar lamp will exceed 20 ktCO <sub>2</sub> e per year | Each of the independent subsystems included in the CPA shall not exceed the micro-scale limit of 20,000 tCO <sub>2</sub> e per annum to comply with criteria for additionality And the CPAs will be in Mali, which is classified as an LDC country.   | -        | The CME has elected to apply the micro-scale threshold at the unit level rather than at the aggregate level of the CPA. Therefore, each independent subsystem (single solar lamp), defined as the micro-scale CDM unit within the CPA shall not exceed the micro-scale limit of 20,000 tCO <sub>2</sub> e per annum. This criterion complies with §120 f), 120 g), 120 m), and 124 c) of the CDM project standard for programmes of activities, version 1.0 |
| 5.  | Each CPA will demonstrate that debundling does not apply to the CPA as per the Methodical Tool 19  | The proposed micro-scale component project activity that achieves additionality via micro-scale criteria is does not need to demonstrate is not a debundled component of a large-scale CDM project activity in accordance with the methodological tool 19 and §120 n) of the CDM project standard for programmes of activities, version 1.0 | -        | Each CDM micro-scale unit (single solar lamp) within the CPA is exempted from performing a de-bundling check in line with §120 n) of the CDM project standard for programmes of activities, version 1.0, as well as §17 of the methodological tool 19.  |
| 6.  | Each CPA will utilize unique identifiers for every technology/measure under  | Establishing unique identities such as GPS coordinates of each  | -        | All CPAs shall avoid double-counting of emission reductions   |

| No. | Eligibility criterion - Category/Required condition  | Means of validation   | Findings | Conclusion   |
|-----|--|---|----------|--|
|     | the CPA  | CPA, mentioned in the CPA-DD, by the CME, will ensure a unique system of verifying each CPA as a unique project and inclusion into the PoA, without the risk of double-counting of emission reductions.                               |          | through establishing unique identification for all CPAs such as GPS coordinates, in line with §120 b) of the CDM project standard for programmes of activities, version 1.0. This criterion has been sufficiently prescribed for all CPAs.                                 |
| 7.  | Each CPA will prove that the start date of the CPA is on or after the start date of the PoA. The start date of the CPA is the date on which construction, implementation, or real action concerning the CPA, as shown through a contract detailing real action or an invoice for equipment.  | As per the PoA Standard version 01.0, no CPA may commence before the PoA start of validation or exceed the PoA lifetime. Therefore, this criterion ensures that only eligible and additional CPAs are included into the proposed PoA. | -        | The start date of a CPA cannot be before PoA start date. The eligibility criterion ensures that all CPAs included in the PoA conform to the guidelines of §120 e) and §187 of the CDM project standard for programmes of activities, version 1.0.                          |
| 8.  | Each CPA will have a fixed crediting period  | This CPA shall have a fixed crediting period as prescribed by the PoA. The CPA-DDs can be checked to verify the crediting period  | -        | This is a PoA-specific requirement stipulated by the CME that prescribes a fixed crediting period for all CPAs. Therefore, all CPAs in the PoA must have a fixed crediting period  |
| 9.  | Each CPA will confirm that it is not receiving funding dedicated as Official Development Assistance (ODA) through a two-stage process. The first stage is a check if the CPA is receiving public funding. If the CPA is not receiving public funding a statement from the CPA Implementer stating such is provided. If the CPA is receiving public funding a statement is required from the funder affirming that the public funding is not ODA. | The real-case CPA shall demonstrate funding sources, including public funding and ensure that there is no diversion of ODA. Therefore, this criterion is sufficiently established.  | -        | The guideline §35 and §120 j) in the CDM project standard for programmes of activities ensures the fulfilment of this criterion. The PoA-DD section A.6 provides an affirmation to check that any form of public funding for the CPAs will not amount to diversion of ODA. |
| 10. | Each CPA will apply the CDM baseline and monitoring methodology  | Ensures applicability of the methodology applied in the PoA is  | -        | All CPA utilizing this generic CPA-DD shall apply the small-scale  |

| No. | Eligibility criterion - Category/Required condition  | Means of validation  | Findings | Conclusion   |
|-----|--|--|----------|--|
|     | AMS-III.AR Version 5.0, and adhere to all applicability conditions and other requirements of the methodology   | met as per CDM guidelines. This can be verified through technical information and specific-case CPA-DDs provided by project participants   |          | methodology AMS-III.AR. All applicability conditions of the methodology shall be met as well, in line with §120 f) and §120 h) of the CDM project standard for programmes of activities, version 1.0.  |
| 11. | Each CPA targets households and institutions/SMEs  | The scale and technology/measure of each component project activity allows the CME to assess the baseline, applicability of methodology, potential emission reductions as well as suitability of the technology/measure for the registered PoA. Therefore, this criterion is essential and verifiable via technical specifications. The target group for this CPA shall be specified and verified in line with the applied methodology | -        | The eligibility criterion ensures that all CPAs utilizing this methodology will specify the target group for all eligible CPAs in order to conform to the applied methodology, as well as the PoA stated policy, operational and management framework. §120 k) of the CDM project standard for programmes of activities, version 1.0 prescribes this condition.  |
| 12. | The Local Stakeholder Consultation and Environmental Impact Analysis have been conducted at the PoA level. Each CPA will take into consideration the comments from the Stakeholder Consultation and abide by the environmental regulations of the host country | All project activities shall take into consideration environmental impacts of their proposed activities as well as take stakeholder consultations as part of their overall undertaking. Environmental impacts of their proposed activities as well as take stakeholder consultations are done at PoA level. Nonetheless, each CPA shall demonstrate consideration of any stakeholder comments  | -        | All CDM project activities are required to demonstrate consideration of potential environmental impacts of their activities. In accordance with §§51-55 of the CDM validation and verification standard for programmes of activities, version 1.0, as well as §§44-46 of the CDM project standard for programmes of activities, version 1.0. The EC has been therefore established in fulfilling these |

| No. | Eligibility criterion - Category/Required condition  | Means of validation  | Findings | Conclusion  |
|-----|--|--|----------|---|
|     |  | with verifiable evidence. Therefore, this criterion is sufficiently established  |          | requirements as derived from §120 i) of the CDM project standard for programmes of activities, version 1.0<br><br>All CDM component project activities are required to demonstrate consideration of stakeholder input on their activities.                                    |
| 13. | Each CPA will use one or multiple of the following methods for distribution of appliances implemented under the CPA:<br>1.Direct sale/service to end-users<br>2.Bulk sales to distributors who sell on to the end user<br>3.Distribution to the end-user by an organization receiving the products/measures from the CME | This criterion allows adequate tracking of data, as well as third party involvement in line with the PoA operational framework                                     | -        | This is a methodology-specific requirement that requires defined distribution mechanism under the different component project activity in line with §8, 27 & 28 of AMS-III.AR version 5.0, and §120 k) of the CDM project standard for programmes of activities, version 1.0. |
| 14. | Each CPA will adhere to the sampling requirements stipulated in the PoA-DD   | For this CPA, sampling will be necessary for each independent subsystem. A comprehensive sampling plan will form part of the delayed monitoring plan under the PoA | -        | In accordance with §120 l) of the PoA Standard, each CPA applying this generic CPA-DD will adhere to the sampling requirements stipulated in PoA-DD section I.7   |

#### D.4.Generic component project activities

##### D.4.1.General description of generic CPA (Part IV)

|                            |   |
|----------------------------|---|
| <b>Means of validation</b> | <p>By checking Part IV Section H.3 of the generic CPA-DD and the PoA-DD it can be confirmed that</p> <ul style="list-style-type: none"> <li>- The CPA has clearly defined the scope of typical CPAs.</li> <li>- The technology/measure for the CPA has been clearly described</li> <li>- CPAs are regarded to be of the same type if they are similar with regard to the technology or measure, demonstration of additionality, emission reduction calculations and monitoring. The CPAs are considered Type III as defined by the CDM, utilize the same SSC methodology to provide the same technologies and measures to the end-user.</li> <li>- The information provided is consistent with the PoA-DD.</li> <li>- The CPA will be implemented by different entities under the guidance of the CME</li> </ul> <p>The following sources of information have been used in this context:<br/>/PoA-DD/</p> |
|----------------------------|---|



|                   |  |
|-------------------|--|
|                   | /AMSBL/  |
| <b>Findings</b>   | -  |
| <b>Conclusion</b> | Section H.3 of the generic CPA-DD adequately describes a typical specific-case Type 3 CPA under the PoA. The description of the generic CPAs in the PoA-DD is accurate, complete, and provides an understanding of the generic CPA |

#### D.4.2.Application and selection of methodologies and standardized baselines

##### D.4.2.1.Application of methodologies and standardized baselines

|                            |   |
|----------------------------|---|
| <b>Means of validation</b> | <p>By checking section I.2 of each generic CPA-DD, it can be confirmed that the CPAs under the PoA will comply with the applicability conditions of either methodology AMS-III.BL, Version 01.0 as follows:-</p> <ul style="list-style-type: none"> <li>• Each CPA will comply with all the methodology applicability conditions but satisfying the applicable micro-scale thresholds throughout the crediting period.</li> <li>• The applied methodology version is valid and available on the UNFCCC website.</li> <li>• Each CPA applies the tools referred to in the applicable methodology.</li> <li>• The installed equipment will be new</li> <li>• Each CPA will apply only one methodology and one measure. Therefore, there are no cross-effects between the methodologies applied.</li> </ul> <p>The following sources of information have been used in this context:<br/>/PoA-DD/<br/>/IM01/<br/>/AMSBL/<br/>/unfccc/</p> |
| <b>Findings</b>            | -CAR 30 & CAR 31  |
| <b>Conclusion</b>          | <p>The validation team has analysed all applicability conditions in the methodology against the proposed technologies, measure, design, and scope of the generic CPA-DD. All applicability and eligibility conditions of the methodology will be met by CPA.</p> <p>No standardized baseline has been applied</p>   |

##### D.4.2.2.Deviation from methodologies and/or methodological tools

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>No deviation from the selected methodologies has been applied or approved by the Board for the proposed PoA.</p> <p>The following sources of information have been used in this context:<br/>/PoA-DD/<br/>/IM01/<br/>/AMSBL/<br/>/unfccc/</p> |
| <b>Findings</b>            | N/A  |
| <b>Conclusion</b>          | No deviation has been applied or approved  |

##### D.4.2.3.Clarification on applicability of methodology, tool and/or standardized baseline

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>There has been no clarification on the applicability of the selected methodologies or tools approved by the Board for the proposed PoA</p> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> <li>• /PoA-DD/</li> <li>• /IM01/</li> <li>• /CL/</li> <li>• /AMSBL/</li> <li>• /AT/</li> <li>• /unfccc/</li> </ul>                  |
| <b>Findings</b>            | -  |
| <b>Conclusion</b>          | <p>No clarification on applicability of the applied methodology or tools has been issued.</p> <p>However, one clarification regarding the definition of the Micro-scale CDM Unit for the CPA additionality argument was requested and obtained from the Meth Panel on 28/11/2017: Methodological tool 19: <i>Demonstration of additionality of microscale project activities-version 8.0</i></p> |

**D.4.2.4. Project boundary, sources and GHGs**

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | By checking section I.4 of the generic CPA-DD, and comparing it to the applied methodology and with similar CDM projects, the validation team confirms that the sources and GHGs included in the generic CPA boundary for the purpose of calculating project emissions and baseline emissions have been correctly included.<br><br>The following sources of information have been used in this context:<br>/PoA-DD/<br>/AMSBL/<br>/unfccc/ |
| <b>Findings</b>            | -CAR 32  |
| <b>Conclusion</b>          | The PoA's spatial boundaries (geographical) within which all CPAs included in the PoA will be implemented is clearly defined. All sources and GHGs included in the PoA/CPA boundary are as required in the applicable methodologies.   |

**D.4.2.5. Baseline scenario**

|                            |   |
|----------------------------|---|
| <b>Means of validation</b> | In accordance with VVS §111, the baseline scenario of the generic CPA has been assessed. Section I.5 has been checked according to the requirements of the applicable methodology.<br><br>The baseline scenario is determined by the type of consumer. The proposed CPA covers Type I, Type II, and Type IV consumers.<br><br>Type I consumers represent a baseline scenario of a combination of fuel based lighting and stand-alone fossil fuel generators. Type II and Type IV consumers represent a baseline of stand-alone fossil fuel generators, as per paragraph 22 of the methodology.<br><br>The baseline technology is defined as a stand-alone fossil fuel generators or fossil fuel based lighting systems<br><br>The following sources of information have been used in this context:<br>/PoA-DD/<br>/AMSBL/ |
| <b>Findings</b>            | -CAR 33   |
| <b>Conclusion</b>          | The eligibility criteria defined are verifiable, sufficiently objective and do allow to assess the inclusion of CPAs in the PoA.  |

**D.4.2.6. Estimation of emission reductions or net anthropogenic removals**

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | Section I.6.1 of the four generic CPA-DDs has been checked and compared with the prescribed methodological options in AMS-III.BL, version 1.0.<br><br>-The equations are correctly applied according to the approved methodologies.<br>-all data sources and assumptions are appropriate and parameters which remain fixed throughout the crediting period are correct and applicable to the project and will lead to a conservative estimation of emission reductions<br><br>Total Emission reductions are calculated according to the following equation;<br>$ER_y = BE_y - PE_y - LE_y$<br>Where:<br><div style="display: flex; justify-content: flex-start;"> <div style="margin-right: 20px;"><math>ER_y</math></div> <div>Emission reductions</div> </div> <div style="display: flex; justify-content: flex-start;"> <div style="margin-right: 20px;"><math>BE_y</math></div> <div>Baseline Emissions</div> </div> <div style="display: flex; justify-content: flex-start;"> <div style="margin-right: 20px;"><math>PE_y</math></div> <div>Project emissions</div> </div> <div style="display: flex; justify-content: flex-start;"> <div style="margin-right: 20px;"><math>LE_y</math></div> <div>Leakage</div> </div><br>The baseline scenarios are dictated by consumer types as per §20 & §22 of the applied methodology. Under this CPA type, the target group is households and SMEs/institutions in rural areas not connected to the national or regional grid, through installation of hydropower systems. The baseline is therefore (consumer types I, II & IV). The baseline is consequently determined as per Table 2 of the methodology: A combination of fuel based lighting and stand-alone fossil fuel generators, stand-alone fossil fuel generators, and stand-alone fossil fuel |
|----------------------------|--|

generation.

#### Baseline Emissions

Accordingly, the baseline emissions are determined by equation 2 of the methodology as the sum of all consumer groups.

$$BE_y = BE_{T1,y} + BE_{T2,y} + BE_{T3,y} + BE_{T4,y}$$

Where

$BE_{T1,y}$  Baseline emissions for Type I consumers in year y (tCO<sub>2</sub>)

$BE_{T2,y}$  Baseline emissions for Type II consumers in year y (tCO<sub>2</sub>)

$BE_{T3,y}$  Baseline emission for Type III consumers in year y (tCO<sub>2</sub>)

$BE_{T4,y}$  Baseline emissions for Type IV consumers in year y (tCO<sub>2</sub>)

The proposed generic CPA involves the installation of hydro power systems using, and therefore does not involve consumer type III.

$BE_{T3,y}$  is equal to 0.

Therefore,  $BE_y = BE_{T1,y} + BE_{T2,y} + BE_{T4,y}$

Emissions from  $BE_{T1,y}$ ,  $BE_{T2,y}$ , &  $BE_{T4,y}$  are calculated as per equation 3,4 & 6 of the applied baseline and monitoring methodology:

Baseline emissions for Type I consumers are calculated as follows:

$$BE_{T1,y} = \sum_{x=1}^N (EC_{T1,x,y} \times EF_{CO2,T1})$$

Where

$BE_{T1,y}$  Baseline emission for Type I consumers in year y (tCO<sub>2</sub>)

$EC_{T1,x,y}$  Annual electricity consumption of Type I consumer x in year y (MWh)

$EF_{CO2,T1}$  Baseline emissions factor for Type I consumers

$N_y$  Number of Type I consumers in year y

x Type I consumer (x = 1, 2, 3, ...)

Baseline emissions for Type II consumers are calculated as follows:

$$BE_{T2,y} = \sum_{z=1}^M (EC_{T2,z,y} \times EF_{CO2,T2})$$

Where

$BE_{T2,y}$  Baseline emission for Type II consumers in year y (tCO<sub>2</sub>)

$EC_{T2,z,y}$  Annual electricity consumption of Type II consumer z in year y (MWh)

$EF_{CO2,T2}$  Baseline emissions factor for Type II consumers

$M_y$  Number of Type II consumers in year y

z Type I consumer (z = 1, 2, 3, ...)

Baseline emissions for Type IV consumers are calculated as follows:

$$BE_{T4,y} = \sum_{i=1}^Q (EC_{T4,i,y} \times EF_{CO2,T4})$$

Where

$BE_{T4,y}$  Baseline emission for Type IV consumers in year y (tCO<sub>2</sub>)  
 $EC_{T4,i,y}$  Annual electricity consumption of Type IV consumer i in year y (MWh)  
 $EF_{CO2,T2}$  Baseline emissions factor for Type IV consumers  
 $Q_y$  Number of Type IV consumers in year y  
 $i$  Type I consumer (i = 1, 2, 3, ...)

#### Project Emissions

According to equation 7 of the methodology, total project emissions are the sum of all the individual technologies as follows.

$$PE_y = PE_{IS,y} + PE_{G,y}$$

Where

$PE_{IS,y}$  Project emissions from new or rehabilitated individual renewable or hybrid energy systems in year y (tCO<sub>2</sub>)

$PE_{G,y}$  Project emission from renewable and hybrid mini-grids and grid extension in year y (tCO<sub>2</sub>)

$PE_{IS,y} = 0$  since the proposed generic CPA concerns only renewable energy generation.

$PE_{G,y}$  is calculated as follows in line with §42 of the methodology.

$$PE_{G,y} = \frac{ES_{tot,y} \times EF_{grid,CO2,y}}{(1 - TL_{grid})}$$

Where

$PE_{G,y}$  Project emissions from renewable and hybrid mini-grids (new or rehabilitated) and grid extension in year y (tCO<sub>2</sub>)

$ES_{tot,y}$  Total electricity supplied to all consumers (MWh)

$EF_{grid,CO2,y}$  Emission factor of the project electricity system in year y (tCO<sub>2</sub>/MWh). If the project activity involves connection to an existing mini-grid, rehabilitated mini-grid or construction of new mini-grid, the emissions factor is determined as either: (a) for a mini-grid system where all generators use exclusively fuel oil and/or diesel fuel using the emissions factors in Table 4; or (b) for all other mini-grids per the weighted average emissions for the current generation mix following the procedure provided in AMS-I.D.

$TL_{grid}$  Transmission and distribution losses in the project activity electricity system supplying the project activity (%).

#### Leakage Emissions

According to §35 of the applied methodology, leakage on account of construction of new transmission/distribution lines (e.g. carbon stock loss due to deforestation) shall be calculated using equation 12 of the methodology AM0045 (Grid connection of isolated electricity systems) as follows

$$LE_y = A_{def} * L_c$$

Where

$L_1$  = Leakage emissions to be accounted in the first year of project crediting period

$A_{def}$  = Area of land deforested in hectares

$L_c$  = Carbon stock per unit area (above ground, below ground, soil carbon, litter and dead biomass), in tonnes of CO<sub>2</sub> per hectare

If the estimated leakage is within 5% of the estimated emission reductions of the

|                   |  |
|-------------------|--|
|                   | <p>project, then this leakage source may be neglected, otherwise the leakage shall be deducted from the emissions reductions</p> <p>Furthermore, if any energy generating equipment is transferred from another activity, leakage is to be considered.</p> <p>The following sources of information have been used in this context:</p> <p>/PoA-DD/<br/>/AMSBL/<br/>/AM45/<br/>/XLS/<br/>/PS/<br/>/VVS/</p> |
| <b>Findings</b>   | -CAR 35  |
| <b>Conclusion</b> | The generic CPA-DD has included sufficiently all methodological choices for the CPA in line with the applicable methodology.   |

#### D.4.2.7. Monitoring plan

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>Section I.7.2 does not contain a proposed generic monitoring plan for the PoA, in line with the requirements of the applied methodologies AMS-III.BL, version 01.0.</p> <p>In line with §116 and §117 of the CDM PS for PoA version 01.0, the CME has chosen to delay the submission of the monitoring plans and will submit prior to the submission of its request for issuance for the first monitoring period.</p> <p>The following sources of information have been used in this context:</p> <p>/PoA-DD/<br/>/AMSBL/<br/>/PS/<br/>/VVS/<br/>/IM01/</p> |
| <b>Findings</b>            | -  |
| <b>Conclusion</b>          | A detailed monitoring plan will be provided by the CME before the first verification.  |

#### D.4.3. Crediting period type and duration

|                            |   |
|----------------------------|---|
| <b>Means of validation</b> | <p>Section J of the generic CPA-DD has been checked and it can be confirmed that each CPA will have a fixed crediting period of 10 years. Appropriate eligibility criterion (#8) has also been established by the CME</p> <p>The following sources of information have been used in this context:</p> <p>/PoA-DD/<br/>/AMSBL/<br/>/PS/<br/>/VVS/<br/>/IM01/</p> |
| <b>Findings</b>            | No findings were raised   |
| <b>Conclusion</b>          | The coordinating/managing entity has defined the type and duration of the crediting period applicable to all corresponding CPAs in accordance with §135 of the PoA VVS version 1.0, as well as §118 of the PoA PS version 1.0   |

## D.4.4. Eligibility criteria for inclusion of CPAs

| No. | Eligibility criterion - Category/Required condition   | Means of validation   | Findings | Conclusion   |
|-----|---|---|----------|--|
| 1.  | Each CPA covers the installation of hydropower systems within the CPA boundary. Each CPA shall not exceed a total capacity of 5 MW. | The CPA aims to provide electricity to consumers not previously connected to a national/regional grid, via the installation of hydropower systems of up to 5 MW capacities  | CAR 34   | All CPAs that apply the methodology AMS-III.BL under this generic CPA type shall involve the installation of hydropower systems within the CPA boundary with total installed capacity of no more than 5MW, in line with §5c) of the methodology as well as §120 d), 120 f) of the CDM project standard for programmes of activities, version 1.0.                                    |
| 2.  | Each CPA will be located within the physical/geographical boundary of the PoA.  | All CPAs shall be within the geographical boundary set by the PoA (Mali). This can be checked via the host country letters of approval, GPS coordinates, the CPA-DDs as well as relevant technical and financial aspects of the CPA. Therefore, criterion is objective and comprehensive to allow assessment and inclusion of the CPA into the registered PoA | CAR 34   | According to §120 a), of the CDM project standard for programmes of activities, version 1.0, the geographical boundary of each CPA, including any time-induced boundary, shall be consistent with the geographical boundary set in the PoA. The PoA boundary is set as per page 1, and sections A.2 of the PoA-DD. This eligibility criterion has been sufficiently set for all CPAs |
| 3.  | Each CPA will use Methodological Tool 19, as each CPA is a micro-scale activity and located in an LDC                               | The criterion provides a clear framework in which each CPA can demonstrate additionality, mainly based the methodological tool 19. Therefore, this criterion is sufficiently established.   | CAR 34   | All CPAs shall be additional to be included in the PoA, applying §10 a) of the methodological tool: <i>Demonstration of additionality of microscale project activities, version 8.0.</i> This is adequately prescribed in section C of the PoA-DD. This eligibility criterion has  |

| No. | Eligibility criterion - Category/Required condition  | Means of validation   | Findings | Conclusion  |
|-----|--|---|----------|---|
|     |  |   |          | been sufficiently set for all CPAs as per §120 g) of the CDM project standard for programmes of activities, version 1.0.  |
| 4.  | Each CPA will apply the micro-scale threshold at the unit level, i.e. no single unit, defined as a single hydro powered mini grid, will exceed 20 ktCO <sub>2</sub> e per year | Each micro-scale CDM unit (independent subsystem) included in the CPA shall not exceed the micro-scale limit of 20,000 tCO <sub>2</sub> e per annum to comply with criteria for additionality   | CAR 34   | The CME has elected to apply the micro-scale threshold at the unit level. Therefore, each independent subsystem (hydro powered mini grid), defined as the micro-scale CDM unit within the CPA shall not exceed the micro-scale limit of 20,000 tCO <sub>2</sub> e per annum. This criterion complies with §120 f), 120 g), 120 m), and 124 c) of the CDM project standard for programmes of activities, version 1.0 |
| 5.  | Each CPA will demonstrate that debundling does not apply to the CPA as per the Methodical Tool 19  | The proposed micro-scale component project activity that achieves additionality via micro-scale criteria is does not need to demonstrate is not a debundled component of a large-scale CDM project activity in accordance with the methodological tool 19 and §120 n) of the CDM project standard for programmes of activities, version 1.0 | CAR 34   | Each CDM micro-scale unit (single hydro power mini grid) within the CPA is exempted from performing a de-bundling check in line with §120 n) of the CDM project standard for programmes of activities, version 1.0, as well as §17 of the methodological tool 19.   |
| 6.  | Each CPA will utilize unique identifiers and GPS coordinates for every technology/measure under the CPA.   | Establishing unique identities such as GPS coordinates of each CPA, mentioned in the CPA-DD, by the CME, will ensure a unique system of verifying each CPA as a unique project and inclusion into the PoA, without the risk of double-counting of emission  | CAR 34   | All CPAs shall avoid double-counting of emission reductions through establishing unique identification for all CPAs such as GPS coordinates, in line with §120 b) of the CDM project standard for programmes of activities, version 1.0. This criterion has been  |

| No. | Eligibility criterion -<br>Category/Required<br>condition | Means of validation | Findings | Conclusion                               |
|-----|---|---------------------|----------|--|
|     |   | reductions.         |          | sufficiently prescribed<br>for all CPAs. |



| No. | Eligibility criterion - Category/Required condition  | Means of validation   | Findings | Conclusion   |
|-----|--|---|----------|--|
| 7.  | Each CPA will prove that the start date of the CPA is on or after the start date of the PoA. The start date of the CPA is the date on which construction, implementation, or real action concerning the CPA, as shown through a contract detailing real action or an invoice for equipment.  | As per the PoA Standard version 01.0, no CPA may commence before the PoA start of validation or exceed the PoA lifetime. Therefore, this criterion ensures that only eligible and additional CPAs are included into the proposed PoA. | CAR 34   | The start date of a CPA cannot be before PoA start date. The eligibility criterion ensures that all CPAs included in the PoA conform to the guidelines of §120 e) and §187 of the CDM project standard for programmes of activities, version 1.0.                          |
| 8.  | Each CPA will have a fixed crediting period.   | This CPA shall have a fixed crediting period as prescribed by the PoA. The CPA-DDs can be checked to verify the crediting period  |          | This is a PoA-specific requirement stipulated by the CME that prescribes a fixed crediting period for all CPAs. Therefore, all CPAs in the PoA must have a fixed crediting period  |
| 9.  | Each CPA will confirm that it is not receiving funding dedicated as Official Development Assistance (ODA) through a two-stage process. The first stage is a check if the CPA is receiving public funding. If the CPA is not receiving public funding a statement from the CPA Implementer stating such is provided. If the CPA is receiving public funding a statement is required from the funder affirming that the public funding is not ODA. | The real-case CPA shall demonstrate funding sources, including public funding and ensure that there is no diversion of ODA. Therefore, this criterion is sufficiently established.  | CAR 34   | The guideline §35 and §120 j) in the CDM project standard for programmes of activities ensures the fulfilment of this criterion. The PoA-DD section A.6 provides an affirmation to check that any form of public funding for the CPAs will not amount to diversion of ODA. |
| 10. | Each CPA will apply the CDM baseline and monitoring methodology AMS-III.BL Version 1, and adhere to all applicability conditions and other requirements of the methodology   | Ensures applicability of the methodology applied in the PoA is met as per CDM guidelines. This can be verified through technical information and specific-case CPA-DDs provided by project participants                               | CAR 34   | All CPA utilizing this generic CPA-DD shall apply the small-scale methodology AMS-III.BL. All applicability conditions of the methodology shall be met as well, in line with §120 f) and §120 h) of the CDM project standard for programmes of activities, version 1.0.    |

| No. | Eligibility criterion - Category/Required condition  | Means of validation   | Findings | Conclusion   |
|-----|--|---|----------|--|
| 11. | Each CPA targets households and institutions/SMEs  | The scale and technology/measure of each component project activity allows the CME to assess the baseline, the applicability of methodology, potential emission reductions as well as suitability of the technology/measure for the registered PoA. Therefore, this criterion is essential and verifiable via technical specifications. The target group for this CPA shall be specified and verified in line with the applied methodology                                    | CAR 34   | The eligibility criterion ensures that all CPAs utilizing this methodology will specify the target group for all eligible CPAs in order to conform to the applied methodology, as well as the PoA stated policy, operational and management framework. §120 k) of the CDM project standard for programmes of activities, version 1.0 prescribes this condition.  |
| 12. | The Local Stakeholder Consultation and Environmental Impact Analysis have been conducted at the PoA level. Each CPA will take into consideration the comments from the Stakeholder Consultation and abide by the environmental regulations of the host country | All project activities shall take into consideration environmental impacts of their proposed activities as well as take stakeholder consultations as part of their overall undertaking. Environmental impacts of their proposed activities as well as take stakeholder consultations are done at PoA level. Nonetheless, each CPA shall demonstrate consideration of any stakeholder comments with verifiable evidence. Therefore, this criterion is sufficiently established | CAR 34   | All CDM project activities are required to demonstrate consideration of potential environmental impacts of their activities. In accordance with §§51-55 of the CDM validation and verification standard for programmes of activities, version 1.0, as well as §§44-46 of the CDM project standard for programmes of activities, version 1.0. The EC has been therefore established in fulfilling these requirements as derived from §120 i) of the CDM project standard for programmes of activities, version 1.0<br><br>All CDM component project activities are required to demonstrate consideration of |

| No. | Eligibility criterion - Category/Required condition | Means of validation | Findings | Conclusion                             |
|-----|---|---------------------|----------|--|
|     |   |                     |          | stakeholder input on their activities. |

## D.5.Generic component project activities

### D.5.1.General description of generic CPA (Part V)

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>By checking Part V Section H.3 of the generic CPA-DD and the PoA-DD it can be confirmed that</p> <ul style="list-style-type: none"> <li>-The CPA has clearly defined the scope of a typical CPA.</li> <li>-The technology/measures for all types of CPAs under the PoA have been clearly described</li> <li>-CPAs are regarded to be of the same type if they are similar with regard to the technology or measure, demonstration of additionality, emission reduction calculations and monitoring. The CPAs are considered Type III as defined by the CDM, utilize the same SSC methodology to provide the same technologies and measures to the end-user.</li> <li>-The information provided is consistent with the PoA-DD.</li> <li>-The CPA will be implemented by different entities under the guidance of the CME</li> </ul> <p>The following sources of information have been used in this context:<br/>/PoA-DD/<br/>/AMSBL/</p> |
| <b>Findings</b>            | CAR 38   |
| <b>Conclusion</b>          | Section H.3 of the generic CPA-DD adequately describes a typical specific-case CPA under the PoA. The description of the generic CPAs in the PoA-DD is accurate, complete, and provides an understanding of the generic CPAs   |

## D.5.2.Application and selection of methodologies and standardized baselines

### D.5.2.1.Application of methodologies and standardized baselines

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>By checking section I.2 of the generic CPA-DD, it can be confirmed that the CPA under the PoA will comply with the applicability conditions of the applied methodology AMS-III.BL, Version 01.0 as follows:-</p> <ul style="list-style-type: none"> <li>• Each CPA will comply with all the methodology applicability conditions but satisfying the applicable micro-scale thresholds throughout the crediting period.</li> <li>• The applied methodology version is valid and available on the UNFCCC website.</li> <li>• Each CPA applies the tools referred to in the applicable methodology.</li> <li>• The installed equipment will be new</li> <li>• Each CPA will apply only one methodology and one measure. Therefore, there are no cross-effects between the methodologies applied.</li> </ul> <p>The following sources of information have been used in this context:<br/>/PoA-DD/<br/>/IM01/<br/>/AMSBL/<br/>/unfccc/</p> |
| <b>Findings</b>            | CAR 39, & CAR 40   |
| <b>Conclusion</b>          | <p>The validation team has analysed all applicability conditions in the methodology against the proposed technology, measure, design, and scope of the generic CPA-DD. All applicability and eligibility conditions of the applied SSC methodology will be met by the CPA.</p> <p>No standardized baseline has been applied</p>  |

### D.5.2.2.Deviation from methodologies and/or methodological tools

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | No deviation from the selected methodologies has been applied or approved by the |
|----------------------------|--|

|                   |  |
|-------------------|--|
|                   | Board for the proposed PoA.<br>The following sources of information have been used in this context:<br>/PoA-DD/<br>/IM01/<br>/AMSBL/<br>/unfccc/ |
| <b>Findings</b>   | N/A  |
| <b>Conclusion</b> | No deviation has been applied or approved  |

#### D.5.2.3. Clarification on applicability of methodology, tool and/or standardized baseline

|                            |   |
|----------------------------|---|
| <b>Means of validation</b> | There has been no clarification on the applicability of the selected methodologies or tools approved by the Board for the proposed PoA<br>The following sources of information have been used in this context:<br><ul style="list-style-type: none"> <li>• /PoA-DD/</li> <li>• /IM01/</li> <li>• /CL/</li> <li>• /AT/</li> <li>• /AMSBL/</li> <li>• /unfccc/</li> </ul>               |
| <b>Findings</b>            | -   |
| <b>Conclusion</b>          | No clarification on applicability of the applied methodology or tools has been issued.<br>However, one clarification regarding the definition of the Micro-scale CDM Unit for the CPA additionality argument was requested and obtained from the Meth Panel on 28/11/2017: Methodological tool 19: <i>Demonstration of additionality of microscale project activities-version 8.0</i> |

#### D.5.2.4. Project boundary, sources and GHGs

|                            |   |
|----------------------------|---|
| <b>Means of validation</b> | By checking section I.4 of each generic CPA-DD, and comparing it to the applied methodologies and with similar CDM projects, the validation team confirms that the sources and GHGs included in the generic CPA boundary for the purpose of calculating project emissions and baseline emissions have been correctly included.<br>The following sources of information have been used in this context:<br>/PoA-DD/<br>/AMSBL/<br>/unfccc/ |
| <b>Findings</b>            | CAR 41  |
| <b>Conclusion</b>          | The PoA's spatial boundaries (geographical) within which all CPAs included in the PoA will be implemented is clearly defined. All sources and GHGs included in the PoA/CPA boundary are as required in the applicable methodologies.  |

#### D.5.2.5. Baseline scenario

|                            |   |
|----------------------------|---|
| <b>Means of validation</b> | In accordance with VVS §111, the baseline scenario of the generic CPA has been assessed. Section I.5 has been checked according to the requirements of the applicable methodology.<br><br>The baseline scenario is determined by the type of consumer. The proposed CPA covers Type I, Type II, Type III, and Type IV consumers.<br><br>Type I consumers represent a baseline scenario of a combination of fuel based lighting and stand-alone fossil fuel generators. Type II and Type IV consumers represent a baseline of stand-alone fossil fuel generators, as per paragraph 22 of the methodology. For type III consumers the baseline is the fossil fuel powered mini-grid<br><br>The baseline technology is defined as a standalone fossil fuel generators or fossil fuel based lighting systems<br><br>Type 4 CPA baseline covers the connection of consumers to a national/regional grid who prior to the project activity were not connected to a national/regional grid |
|----------------------------|---|

|                   |   |
|-------------------|---|
|                   | The following sources of information have been used in this context:<br>/PoA-DD/<br>/AMSBL/           |
| <b>Findings</b>   | CAR 42  |
| <b>Conclusion</b> | The baseline scenario for this generic CPA type 4 have been correctly defined as per the methodology. |

#### D.5.2.6. Estimation of emission reductions or net anthropogenic removals

|                            |   |
|----------------------------|---|
| <b>Means of validation</b> | <p>Section I.6.1 of the four generic CPA-DDs has been checked and compared with the prescribed methodological options in AMS-III.BL, version 01.0.</p> <ul style="list-style-type: none"> <li>-The equations are correctly applied according to the approved methodologies.</li> <li>-all data sources and assumptions are appropriate and parameters which remain fixed throughout the crediting period are correct and applicable to the project and will lead to a conservative estimation of emission reductions</li> </ul> <p>Total Emission reductions are calculated according to the following equation;<br/> <math>ER_y = BE_y - PE_y - LE_y</math><br/> Where:<br/> <math>ER_y</math> Emission reductions<br/> <math>BE_y</math> Baseline Emissions<br/> <math>PE_y</math> Project emissions<br/> <math>LE_y</math> Leakage</p> <p>The baseline scenarios are dictated by consumer types as per §20 of the applied methodology.</p> <p>As per §15 of the applied methodology, 'for project activities involving national or regional grids, the spatial extent of the project boundary includes all power plants within the host country physically connected through transmission and distribution lines to the national or regional grid which is being extended through the project activity'</p> <p><i>Baseline Emissions</i></p> <p>Accordingly, the baseline emissions are determined by equation 2 of the methodology as the sum of all consumer groups.</p> $BE_y = BE_{T1,y} + BE_{T2,y} + BE_{T3,y} + BE_{T4,y}$ <p>Where</p> <p><math>BE_{T1,y}</math> Baseline emissions for Type I consumers in year y (tCO<sub>2</sub>)<br/> <math>BE_{T2,y}</math> Baseline emissions for Type II consumers in year y (tCO<sub>2</sub>)<br/> <math>BE_{T3,y}</math> Baseline emission for Type III consumers in year y (tCO<sub>2</sub>)<br/> <math>BE_{T4,y}</math> Baseline emissions for Type IV consumers in year y (tCO<sub>2</sub>)</p> <p>The proposed generic CPA involves the extension of the national grid to communities (households and SMEs/institutions) who prior to the project activity did not have access to the national or a regional grid.</p> <p>Emissions from all consumer types are calculated as per equation 3, 4, 5, &amp; 6 of the applied baseline and monitoring methodology:</p> <p>Baseline emissions for Type I consumers are calculated as follows:</p> $BE_{T1,y} = \sum_{x=1}^N (EC_{T1,x,y} \times EF_{CO2,T1})$ |
|----------------------------|---|

Where

$BE_{T1,y}$  Baseline emission for Type I consumers in year y (tCO<sub>2</sub>)  
 $EC_{T1,x,y}$  Annual electricity consumption of Type I consumer x in year y (MWh)  
 $EF_{CO2,T1}$  Baseline emissions factor for Type I consumers  
 $N_y$  Number of Type I consumers in year y  
 $x$  Type I consumer (x = 1, 2, 3, ...)

Baseline emissions for Type II consumers are calculated as follows:

$$BE_{T2,y} = \sum_{z=1}^M (EC_{T2,z,y} \times EF_{CO2,T2})$$

Where

$BE_{T2,y}$  Baseline emission for Type II consumers in year y (tCO<sub>2</sub>)  
 $EC_{T2,z,y}$  Annual electricity consumption of Type II consumer z in year y (MWh)  
 $EF_{CO2,T2}$  Baseline emissions factor for Type II consumers  
 $M_y$  Number of Type II consumers in year y  
 $z$  Type II consumer (z = 1, 2, 3, ...)

Baseline emissions for Type III consumers are calculated as follows:

$$BE_{T3,y} = \sum_{w=1}^P (EC_{T3,w,y} \times EF_{CO2,T3})$$

Where

$BE_{T3,y}$  Baseline emission for Type III consumers in year y (tCO<sub>2</sub>)  
 $EC_{T3,w,y}$  Annual electricity consumption of Type III consumer w in year y (MWh)  
 $EF_{CO2,T3}$  Baseline emissions factor for Type III consumers  
 $P_y$  Number of Type III consumers in year y  
 $w$  Type III consumer (w = 1, 2, 3, ...)

Baseline emissions for Type IV consumers are calculated as follows:

$$BE_{T4,y} = \sum_{i=1}^Q (EC_{T4,i,y} \times EF_{CO2,T4})$$

Where

$BE_{T4,y}$  Baseline emission for Type IV consumers in year y (tCO<sub>2</sub>)  
 $EC_{T4,i,y}$  Annual electricity consumption of Type IV consumer i in year y (MWh)  
 $EF_{CO2,T4}$  Baseline emissions factor for Type IV consumers  
 $Q_y$  Number of Type IV consumers in year y  
 $i$  Type IV consumer (i = 1, 2, 3, ...)

### Project Emissions

According to equation 7 of the methodology, total project emissions are the sum of all the individual technologies as follows.

$$PE_y = PE_{IS,y} + PE_{G,y}$$

Where

$PE_{IS,y}$  Project emissions from new or rehabilitated individual renewable or hybrid energy systems in year y (tCO<sub>2</sub>)

$PE_{G,y}$  Project emission from renewable and hybrid mini-grids and grid extension in

year y (tCO<sub>2</sub>)

$$PE_{IS,y} = 0$$

$PEG_{,y}$  for each mini-grid involved is calculated as follows in line with §42 of the methodology.

$$PEG_{,y} = \frac{ES_{tot,y} \times EF_{grid,CO_2,y}}{(1 - TL_{grid})}$$

Where

|                    |   |
|--------------------|---|
| $PE_{G,y}$         | Project emission from hybrid mini-grids in year y (tCO <sub>2</sub> )   |
| $ES_{tot,y}$       | Total electricity supplied to all consumers (MWh)   |
| $EF_{grid,CO_2,y}$ | Emission factor of the project electricity system in year y (tCO <sub>2</sub> /MWh)<br>(Emissions factor based on: top 10 per cent high emission intensive plants in the grid or default emission factor based on the highest carbon intensive fuel in the grid for projects implemented in LDCs/SIDs/Underrepresented countries) |
| $TL_{grid}$        | Transmission and distribution losses in the project activity electricity system supplying the project activity (%). ( $TL_{grid} = 0$ for mini-grid)  |

If the sum of consumption from all consumers is used,  $ES_{tot,y}$  is calculated using the following equation:

$$ES_{tot,y} = \frac{\sum_{x=1}^{N_y} EC_{T1,x,y} + \sum_{z=1}^{M_y} EC_{T2,z,y} + \sum_{w=1}^{P_y} EC_{T3,w,y} + \sum_{i=1}^{Q_y} EC_{T4,i,y}}{(1 - TL_p)}$$

Project emissions are zero if: Grid extension is directly associated with the renewable energy plant or fuel mix in grid is greater than 95% renewable and projects are located in LDCs/SIDs/Underrepresented countries (Table 5).

#### Leakage Emissions

According to §35 of the applied methodology, leakage on account of construction of new transmission/distribution lines (e.g. carbon stock loss due to deforestation) shall be calculated using equation 12 of the methodology AM0045 (Grid connection of isolated electricity systems) as follows

$$LE_y = A_{def} * L_c$$

Where

$L_1$  = Leakage emissions to be accounted in the first year of project crediting period

$A_{def}$  = Area of land deforested in hectares

$L_c$  = Carbon stock per unit area (above ground, below ground, soil carbon, litter and dead biomass), in tonnes of CO<sub>2</sub> per hectare

If the estimated leakage is within 5% of the estimated emission reductions of the project, then this leakage source may be neglected, otherwise the leakage shall be deducted from the emissions reductions

Furthermore, if any energy generating equipment is transferred from another activity, leakage is to be considered.

The following sources of information have been used in this context:

/PoA-DD/  
/AMSBL/  
/AM45/  
/XLS/

|                   |   |
|-------------------|---|
|                   | /PS/<br>/VVS/   |
| <b>Findings</b>   | CAR 44  |
| <b>Conclusion</b> | The generic CPA-DD has included sufficiently all methodological choices for the CPAs in line with the applicable methodology. |

**D.5.2.7. Monitoring plan**

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>Section I.7.2/I.7.3 does not contain a proposed generic monitoring plan for the PoA, in line with the requirements of the applied methodologies AMS-III.BL, version 01.0.</p> <p>In line with §116 and §117 of the CDM PS for PoA version 01.0, the CME has chosen to delay the submission of the monitoring plans and will submit prior to the submission of its request for issuance for the first monitoring period.</p> <p>The following sources of information have been used in this context:</p> <p>/PoA-DD/<br/>/AMSBL/<br/>/PS/<br/>/VVS/<br/>/IM01/</p> |
| <b>Findings</b>            | -  |
| <b>Conclusion</b>          | A detailed monitoring plan will be provided by the CME before the first verification.  |

**D.5.3. Crediting period type and duration**

|                            |  |
|----------------------------|--|
| <b>Means of validation</b> | <p>Section J of each generic CPA-DD has been checked and it can be confirmed that each CPA will have a fixed crediting period of 10 years. Appropriate eligibility criterion (#8) has also been established by the CME</p> <p>The following sources of information have been used in this context:</p> <p>/PoA-DD/<br/>/AMSBL/<br/>/PS/<br/>/VVS/<br/>/IM01/</p> |
| <b>Findings</b>            | No findings were raised  |
| <b>Conclusion</b>          | The coordinating/managing entity has defined the type and duration of the crediting period applicable to all corresponding CPAs in accordance with §135 of the PoA VVS version 1.0, as well as §118 of the PoA PS version 1.0  |



## D.5.4. Eligibility criteria for inclusion of CPAs

| No. | Eligibility criterion - Category/Required condition  | Means of validation  | Findings | Conclusion   |
|-----|--|--|----------|--|
| 1.  | Each CPA covers extension of the national grid. Each connection utilizes a pre-paid meter.             | The CPA aims to provide electricity to consumers not previously connected to a national/regional grid, via the extension of the national grid.   | CAR 43   | All CPAs that apply the methodology AMS-III.BL under this generic CPA type shall involve extension of the national grid, in line with §5e) of the methodology as well as §120 d), 120 f) of the CDM project standard for programmes of activities, version 1.0.  |
| 2.  | Each CPA will be located within the physical/geographical boundary of the PoA.                         | This criterion will ensure that all CPAs are within the geographical boundary set by the PoA (Mali). This can be checked via the host country letters of approval, GPS coordinates, the CPA-DDs as well as relevant technical and financial aspects of the CPA. Therefore, criterion is objective and comprehensive to allow assessment and inclusion of the CPA into the registered PoA | CAR 43   | According to §120 a), of the CDM project standard for programmes of activities, version 1.0, the geographical boundary of each CPA, including any time-induced boundary, shall be consistent with the geographical boundary set in the PoA. The PoA boundary is set as per page 1, and sections A.2 of the PoA-DD. This eligibility criterion has been sufficiently set for all CPAs |
| 3.  | Each CPA will use Methodological Tool 19, as each CPA is a micro-scale activity and located in and LDC | The criterion provides a clear framework in which each CPA can demonstrate additionality, mainly based the methodological tool 19. Therefore, this criterion is sufficiently established.  | CAR 43   | All CPAs shall be additional to be included in the PoA, applying §10 a) of the methodological tool: <i>Demonstration of additionality of microscale project activities, version 8.0.</i> This is adequately prescribed in section C of the PoA-DD. The eligibility criterion has   |

| No. | Eligibility criterion - Category/Required condition   | Means of validation   | Findings | Conclusion  |
|-----|---|---|----------|---|
|     |   |   |          | been sufficiently set for all CPAs as per §120 g) of the CDM project standard for programmes of activities, version 1.0.  |
| 4.  | Each CPA will apply the micro-scale threshold at the unit level, i.e. no single unit, defined as a single metered connection, will exceed 20 ktCO <sub>2</sub> e per year | Each micro-scale CDM unit (Independent subsystem) in the CPA shall not exceed the micro-scale limit of 20,000 tCO <sub>2</sub> e per annum to comply with criteria for additionality  | CAR 43   | The CME has elected to apply the micro-scale threshold at the unit level. Therefore, each independent subsystem (a single metered connection), defined as the micro-scale CDM unit within the CPA shall not exceed the micro-scale limit of 20,000 tCO <sub>2</sub> e per annum. This criterion complies with §120 f), 120 g), 120 m), and 124 c) of the CDM project standard for programmes of activities, version 1.0 |
| 5.  | Each CPA will demonstrate that debundling does not apply to the CPA as per the Methodical Tool 19   | The proposed micro-scale component project activity that achieves additionality via micro-scale criteria is does not need to demonstrate is not a debundled component of a large-scale CDM project activity in accordance with the methodological tool 19 and §120 n) of the CDM project standard for programmes of activities, version 1.0 | CAR 43   | Each CDM micro-scale unit (single solar lamp) within the CPA is exempted from performing a de-bundling check in line with §120 n) of the CDM project standard for programmes of activities, version 1.0, as well as §17 of the methodological tool 19.  |
| 6.  | Each CPA will utilize unique identifiers and GPS coordinates for every technology/measure under the CPA.  | Establishing unique identities such as GPS coordinates of each CPA, mentioned in the CPA-DD, by the CME, will ensure a unique system of verifying each CPA as a unique project and inclusion into the PoA, without the risk of double-counting of emission  | CAR 43   | All CPAs shall avoid double-counting of emission reductions through establishing unique identification for all CPAs such as GPS coordinates, in line with §120 b) of the CDM project standard for programmes of activities, version 1.0. This criterion has been  |

| No. | Eligibility criterion -<br>Category/Required<br>condition | Means of validation | Findings | Conclusion                               |
|-----|---|---------------------|----------|--|
|     |   | reductions.         |          | sufficiently prescribed<br>for all CPAs. |

| No. | Eligibility criterion - Category/Required condition  | Means of validation   | Findings | Conclusion   |
|-----|--|---|----------|--|
| 7.  | Each CPA will prove that the start date of the CPA is on or after the start date of the PoA. The start date of the CPA is the date on which construction, implementation, or real action concerning the CPA, as shown through a contract detailing real action or an invoice for equipment.  | As per the PoA Standard version 01.0, no CPA may commence before the PoA start of validation or exceed the PoA lifetime. Therefore, this criterion ensures that only eligible and additional CPAs are included into the proposed PoA. | CAR 43   | The start date of a CPA cannot be before PoA start date. The eligibility criterion ensures that all CPAs included in the PoA conform to the guidelines of §120 e) and §187 of the CDM project standard for programmes of activities, version 1.0.                          |
| 8.  | Each CPA will have a fixed crediting period.   | This CPA shall have a fixed crediting period as prescribed by the PoA. The CPA-DDs can be checked to verify the crediting period  | CAR 43   | This is a PoA-specific requirement stipulated by the CME that prescribes a fixed crediting period. Therefore, all CPAs in the PoA must have a fixed crediting period.  |
| 9.  | Each CPA will confirm that it is not receiving funding dedicated as Official Development Assistance (ODA) through a two-stage process. The first stage is a check if the CPA is receiving public funding. If the CPA is not receiving public funding a statement from the CPA Implementer stating such is provided. If the CPA is receiving public funding a statement is required from the funder affirming that the public funding is not ODA. | The real-case CPA shall demonstrate funding sources, including public funding and ensure that there is no diversion of ODA. Therefore, this criterion is sufficiently established.  | CAR 43   | The guideline §35 and §120 j) in the CDM project standard for programmes of activities ensures the fulfilment of this criterion. The PoA-DD section A.6 provides an affirmation to check that any form of public funding for the CPAs will not amount to diversion of ODA. |
| 10. | Each CPA will apply the CDM baseline and monitoring methodology AMS-III.BL Version 1, and adhere to all applicability conditions and other requirements of the methodology   | Ensures applicability of the methodology applied in the PoA is met as per CDM guidelines. This can be verified through technical information and specific-case CPA-DDs provided by project participants                               | CAR 43   | All CPAs applying this generic CPA-DD shall apply the small-scale methodology AMS-III.BL. All applicability conditions of the methodology shall be met as well, in line with §120 f) and §120 h) of the CDM project standard for programmes of activities, version 1.0.    |

| No. | Eligibility criterion - Category/Required condition  | Means of validation   | Findings | Conclusion   |
|-----|--|---|----------|--|
| 11. | Each CPA targets households and institutions/SMEs not connected to a national/regional grid prior to the activity, or connected to a fossil fuel based mini-grid prior to the activity, who are provided with less carbon-intensive electricity as a result of the project activity. | The scale and technology/measure of each component project activity allows the CME to assess the baseline, the applicability of methodology, potential emission reductions as well as suitability of the technology/measure for the registered PoA. Therefore, this criterion is essential and verifiable via technical specifications. The target group for this CPA shall be specified and verified in line with the applied methodology                                    | CAR 43   | The eligibility criterion ensures that all CPAs utilizing this methodology will specify the target group for all eligible CPAs in order to conform to the applied methodology, as well as the PoA stated policy, operational and management framework. §120 k) of the CDM project standard for programmes of activities, version 1.0 prescribes this condition.  |
| 12. | The Local Stakeholder Consultation and Environmental Impact Analysis have been conducted at the PoA level. Each CPA will take into consideration the comments from the Stakeholder Consultation and abide by the environmental regulations of the host country                       | All project activities shall take into consideration environmental impacts of their proposed activities as well as take stakeholder consultations as part of their overall undertaking. Environmental impacts of their proposed activities as well as take stakeholder consultations are done at PoA level. Nonetheless, each CPA shall demonstrate consideration of any stakeholder comments with verifiable evidence. Therefore, this criterion is sufficiently established | CAR 43   | All CDM project activities are required to demonstrate consideration of potential environmental impacts of their activities. In accordance with §§51-55 of the CDM validation and verification standard for programmes of activities, version 1.0, as well as §§44-46 of the CDM project standard for programmes of activities, version 1.0. The EC has been therefore established in fulfilling these requirements as derived from §120 i) of the CDM project standard for programmes of activities, version 1.0<br><br>All CDM component project activities are required to demonstrate consideration of |

| No. | Eligibility criterion - Category/Required condition | Means of validation | Findings | Conclusion                             |
|-----|---|---------------------|----------|--|
|     |   |                     |          | stakeholder input on their activities. |

## SECTION E. Internal quality control

Before the submission of the final validation report a technical review of the whole validation procedure was carried out. The technical reviewers are competent GHG auditors where at least one is being appointed for the scope this PoA falls under. The technical reviewers are not considered to be part of the validation team and thus not involved in the decision making process up to the technical review.

As a result of the technical review process the validation opinion and the topic specific assessments as prepared by the validation team leader may have been confirmed or revised. Furthermore reporting improvements might have been achieved.

After the successful technical review, an overall (esp. procedural) assessment of the complete validation has been carried out by a senior assessor located in the accredited premises of TÜV NORD CERT GmbH.

After this step the submission for requesting for registration is conducted.

## SECTION F. Validation opinion

Agence Malienne pour le Développement de l'Energie Domestique et de l'Electrification Rurale (AMADER) has commissioned the TÜV NORD JI/CDM Certification Program to carry out the validation of the project: **"Mali Rural Electrification Program"**, with regard to the relevant requirements for CDM project activities..

The review of the project design documentation and additional documents related to baseline and monitoring methodology; the subsequent background investigation, follow-up interviews and review of comments by parties, stakeholders and NGOs have provided TÜV NORD JI/CDM CP with sufficient evidence to validate the fulfilment of the stated criteria.

In detail the conclusions can be summarised as follows:

As a result of this validation, the validator confirms that:

- The PoA is in line with all relevant host country criteria and all relevant UNFCCC requirements for CDM. Programme activity approvals have been obtained from DNA of Mali, vide the Letter of Approval (HCA) dated 08/11/2016 (Code: N° 1542/MEADD/AEDD), and the DNA of Sweden (Swedish Energy Agency) vide the Letter of Approval dated 28/06/2017 (Code: 2017-007320).
- The PoA additionality is sufficiently justified in the PoA-DD.
- The eligibility criteria established for CPA inclusion are deemed appropriate and sufficient.
- The methodological choices and equations for the calculation of the CPA emission reductions in the PoA are outlined in a transparent manner.
- All information has been consistently applied in the generic CPA-DD form.

The conclusions of this report show, that the PoA, as it was described in the project documentation, is in line with all criteria applicable for the validation.

Kigali, 14/03/2018




Lubanga, David  
TÜV NORD JI/CDM CP  
Validation Team Leader

## Appendix 1. Abbreviations

| Abbreviations    | Full Texts  |
|------------------|---|
| BAU              | Business as usual   |
| CA               | Corrective Action / Clarification Action                              |
| CAR              | Corrective Action Request   |
| CDM              | Clean Development Mechanism   |
| CER              | Certified Emission Reduction  |
| CL               | Clarification Request   |
| CME              | Coordinating / Managing Entity  |
| CO <sub>2</sub>  | Carbon dioxide  |
| CO <sub>2e</sub> | Carbon dioxide equivalent   |
| CP               | Certification Program   |
| CPA              | Component Project Activity  |
| CPA-DD           | Component Project Activity Design Document                            |
| DNA              | Designated National Authority   |
| DOE              | Designated Operational Entity   |
| EB               | CDM Executive Board   |
| EC               | Eligibility Criterion/Criteria  |
| EIA              | Environmental Impact Assessment                                       |
| FAR              | Forward Action Request  |
| GHG              | Greenhouse gas(es)  |
| GSCP             | Global Stakeholder Consultation Process                               |
| IPCC             | Intergovernmental Panel on Climate Change                             |
| PoA              | Programme of Activities   |
| PoA-DD           | Programme of Activities Design Document                               |
| PS               | CDM project standard for programmes of Activities                     |
| QA/QC            | Quality control/Quality assurance                                     |
| UNFCCC           | United Nations Framework Convention on Climate Change                 |
| VVS              | CDM validation and verification standard for programmes of Activities |

## Appendix 2.Competence of team member and technical reviewers



**Statement of Competence**  
Appointment and authorization according to the procedures of the TUV NORD jVCDM Certification Program


**Mr. David Lubanga**

| SCHEME            | STATUS                                   | VALID UNTIL |
|-------------------|--|-------------|
| CDM               | Lead Assessor (Validation, Verification) | 2019-10-20  |
| VC5 / ISO 14064-2 | Lead Assessor                            | 2019-10-20  |

Authorization status for technical areas within sectoral scopes:

| CODE | TECHNICAL AREA |
|------|----------------|
| 1.2  | Renewables     |
| 3.1  | Energy demand  |

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**Statement of Competence**  
Appointment and authorization according to the procedures of the TUV NORD jVCDM Certification Program

**Mr. Stefan Winter**

| SCHEME | STATUS   | VALID UNTIL |
|--------|--|-------------|
| CDM    | Senior Assessor (Validation, Verification)<br>Technical Reviewer | 2020-07-27  |
| VCS    | Senior Assessor (Validation, Verification)<br>Technical Reviewer | 2020-07-27  |

Authorization status for technical areas within sectoral scopes:

| CODE | TECHNICAL AREA                         |
|------|--|
| 1.1  | Thermal energy generation              |
| 1.2  | Renewables                             |
| 2.1  | Energy distribution                    |
| 3.1  | Energy demand                          |
| 4.1  | Cement and lime production             |
| 4.2  | Paper                                  |
| 5.2  | Caprolactam, nitric and adipic acid    |
| 9.1  | Aluminium and magnesium production     |
| 9.2  | Iron, steel and Ferro-alloy production |
| 13.1 | Solid waste and wastewater             |
| 13.2 | Manure                                 |

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## Appendix 3.Documents reviewed or referenced

| No. | Author | Title   | References to the document | Provider |
|-----|--------|---|----------------------------|----------|
| 1.  | CME    | <ul style="list-style-type: none"> <li>- Letter of approval and authorization dated 28/06/2017 (ref 2017-007320) from Annex 1 party DNA (Appendix 2)</li> <li>- Letter of approval and authorization in French dated 08/11/2016 (ref N° 1542/MEADD/AEDD) from the host country DNA (lettre d'approbation projet d'elctrification Rurale du Mali)</li> <li>- Translated LoA from Host Country</li> </ul> | /HCA//LoA/                 | PP       |
| 2.  | CME    | PoA Design Document "Mali Rural Electrification Program"<br>-version 1.0, dated 2016-08-05<br>version 2.0, dated 2016-10-24<br>-version 3.0, dated 2016-11-30<br>-version 4.0, dated 2017-07-23<br>-version 5.0, dated 2017-07-31<br>-version 6.0, dated 2017-09-11<br>-version 7.0, dated 2017-10-05<br>-version 8.0, dated 2017-10-30<br>-version 9.0, dated 2017-11-30                               | /PoA-DD/                   | PP       |
| 3.  | UNFCCC | AMS III.BL: Integrated methodology for electrification of communities, version 1  | /AMSBL/                    | UNFCCC   |



| No. | Author   | Title  | References to the document | Provider    |
|-----|--|--|----------------------------|-------------|
| 4.  | UNFCCC   | AMS-III.AR: Substituting fossil fuel based lighting with LED/CFL lighting systems, version 5   | /AMSAR/                    | UNFCCC      |
| 5.  | UNFCCC   | AM0045: Grid connection of isolated electricity systems, version 2.0   | /AM45/                     | UNFCCC      |
| 6.  | UNFCCC   | TÜV NORD JI / CDM CP Manual (incl. CP procedures and forms)  | /CPM/                      | TÜV NORD    |
| 7.  | IPCC   | IPCC Good Practice Guidance & Uncertainty Management in National Greenhouse Gas Inventories, 2000<br>Revised 2006 IPCC Guidelines for National Greenhouse Gas Inventories: Reference Manual          |                            | IPCC        |
| 8.  | Environment Ministry   | -Mali EIA Assessment<br>-Permis Environ SHER<br>-Appendix 7_EIA Waiver Letter  | /EIA/                      | CME         |
| 9.  | CME  | -Mali Local Stakeholder Consultation Report<br>-Mali Local Stakeholder Attendance Sheets   | /LSC/                      | CME         |
| 10. | CME  | AMADER_Solar Lamp Tender Document  | /SPEC/                     | CME         |
| 11. | UNFCCC   | Tool19 - Demonstration of additionality of microscale project activities, v7.1<br>Tool19 - Demonstration of additionality of microscale project activities, v8.0                                     | /AT/                       | UNFCCC      |
| 12. | UNFCCC   | Clarification on definition of micro-scale CDM units under Tool19  | /CL/                       | UNFCCC      |
| 13. | UNFCCC   | CDM project cycle procedure for programme of activities_01.0 (version 1.0)   | /PCP/                      | UNFCCC      |
| 14. | CME  | Modalities of Communication  | /MoC/                      | CME         |
| 15. | UNFCCC   | Kyoto Protocol (1997)  | /KP/                       | UNFCCC      |
| 16. | UNFCCC   | Programme design document form for CDM programmes of activities (CDM-PoA-DD-Form) - Version 06.0<br>Programme design document form for CDM programmes of activities (CDM-PoA-DD-Form) - Version 08.1 | /PDD-T/                    | UNFCCC      |
| 17. | UNFCCC   | Tool to calculate the emission factor of an electricity system (Ver. 05.0).  | /GEF/                      | UNFCCC      |
| 18. | UNFCCC   | Methodological Tool: Assessment of debundling for small-scale project activities (Ver. 04.0).  | /DT/                       | UNFCCC      |
| 19. | UNFCCC   | CDM project standard for programmes of Activities (Version 01.0)   | /PS/                       | UNFCCC      |
| 20. | UNFCCC   | CDM validation and verification standard for programmes of Activities_version 01.0   | /VVS/                      | UNFCCC      |
| 21. | UNFCCC   | CDM Glossary of Terms (ver 9.1)  | /GT/                       | UNFCCC      |
| 22. | CME  | Modalities of Communication Statement  | /MoC/                      | CME         |
| 23. | Agence de l'Environnement et du Développement Durable (AEDD) | <a href="http://www.environnement.gov.ml/">http://www.environnement.gov.ml/</a>  | /dna-HP/                   | DNA of Mali |
| 24. | UNEP Riso Centre   | <a href="http://www.cd4cdm.org">www.cd4cdm.org</a>   | /cd4cdm/                   | UNEP        |
| 25. | IPCC publications  | <a href="http://www.ipcc-nggip.iges.or.jp">www.ipcc-nggip.iges.or.jp</a>   | /ipcc/                     | IPCC        |
| 26. | UNFCCC   | <a href="http://cdm.unfccc.int">http://cdm.unfccc.int</a>  | /unfccc/                   | UNFCCC      |

## Appendix 4. Clarification requests, corrective action requests and forward action requests

In the following tables the findings from the desk review of the CPA-DD, visits, interviews and supporting documents are summarised:

**Table 1. CL from this validation**

|  |                       |  |                      |                         |
|--|-----------------------|--|----------------------|-------------------------|
| <b>CL ID</b>   | 01                    | <b>Section no.</b>   | A.2                  | <b>Date:</b> 23/09/2016 |
| <b>Description of CL</b>   |                       |  |                      |                         |
| Draft PoA-DD version 1.0, Section A.2  |                       |  |                      |                         |
| It is noted that the CME has classified the component project activities as type 1-4. The classification is not correct as per CDM Modalities and Procedures definition of project types. A clarification is requested |                       |  |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>   |                       |  |                      | <b>Date:</b> 29/11/2016 |
| As discussed over skype. The numeration 1-4 does not refer to CPA methodology types I, II, and III. These are the CPA Types under the PoA. They have been labelled 1-4 for clarity, in place of I, II, III, IV.        |                       |  |                      |                         |
| <b>Documentation provided by CME</b>   |                       |  |                      |                         |
| <input checked="" type="checkbox"/>  | Changes in the PoA-DD | Section(s): A.2  | New version No.: 2.0 |                         |
| <input type="checkbox"/>   | Changes in XLS        | Worksheet(s):  | New version No.:     |                         |
| <input type="checkbox"/>   | Other:                |  |                      |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>   |                       |  |                      | <b>Date:</b> 06/11/2016 |
| PoA-DD version 3.0, Section A.2  |                       |  |                      |                         |
| Understood. Clarification is sufficient. The type 1-4 does not indicate the types I-III as defined by UNFCCC small scale project activities.   |                       |  |                      |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>  |                       | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                      |                         |

|  |                       |                    |                      |                         |
|--|-----------------------|--------------------|----------------------|-------------------------|
| <b>CL ID</b>   | 02                    | <b>Section no.</b> | B.1                  | <b>Date:</b> 23/09/2016 |
| <b>Description of CL</b>   |                       |                    |                      |                         |
| Draft PoA-DD version 1.0, section B.1  |                       |                    |                      |                         |
| Please clarify why the SSC PoA additionality is only restricted to be demonstrated using the methodological tool: Demonstration of additionality of micro-scale project activities                       |                       |                    |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>   |                       |                    |                      | <b>Date:</b> 19/10/2016 |
| The additionality argument has been revised to use methodological tool 21.   |                       |                    |                      |                         |
| <b>Documentation provided by CME</b>   |                       |                    |                      |                         |
| <input checked="" type="checkbox"/>  | Changes in the PoA-DD | Section(s): B.1    | New version No.: 2.0 |                         |
| <input type="checkbox"/>   | Changes in XLS        | Worksheet(s):      | New version No.:     |                         |
| <input type="checkbox"/>   | Other:                |                    |                      |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>   |                       |                    |                      | <b>Date:</b> 06/11/2016 |
| PoA-DD version 2.0, section B.1  |                       |                    |                      |                         |
| The Methodological Tool: Demonstration of additionality of small-scale project activities, version 10.0 has been applied for all CPAs. However, the applied CDM unit under each CPA has not been defined |                       |                    |                      |                         |
| <b>CME response (2nd round)</b>  |                       |                    |                      | <b>Date:</b> 29/11/2016 |
| Additional text has been added in section C of the PoA-DD clearly defining the CDM Unit defined for each generic CPA.  |                       |                    |                      |                         |
| <b>Documentation provided by CME</b>   |                       |                    |                      |                         |
| <input checked="" type="checkbox"/>  | Changes in the PoA-DD | Section(s): C      | New version No.: 3.0 |                         |
| <input type="checkbox"/>   | Changes in XLS        | Worksheet(s):      | New version No.:     |                         |
| <input type="checkbox"/>   | Other:                |                    |                      |                         |
| <b>DOE assessment (2nd round)</b>  |                       |                    |                      | <b>Date:</b> 20/03/2017 |

|   |               |  |                         |
|---|---------------|--|-------------------------|
| PoA-DD version 7.0, section C   |               |  |                         |
| The CME has changed the additionality argument to micro-scale additionality for all CPAs. However, the argument for a micro-scale CDM unit and the threshold for a micro-scale Component Project Activity appear to be inconsistent with §17 of the methodological tool 19. |               |  |                         |
| <b>CME response (3rd round)</b>   |               |  | <b>Date:</b> 24/04/2017 |
| Additional text has been added in section C of the PoA-DD clearly defining the CDM Unit defined for each generic CPA.   |               |  |                         |
| <b>Documentation provided by CME</b>  |               |  |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): C | New version No.: 8.0   |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s): | New version No.:   |                         |
| <input type="checkbox"/> Other:   |               |  |                         |
| <b>DOE assessment (3rd round)</b>   |               |  | <b>Date:</b> 25/07/2017 |
| PoA-DD version 8.0, section C   |               |  |                         |
| The micro-scale additionality argument for the four generic CPAs has been correctly defined and eligibility criteria revised. For further assessment of the additionality argument please consult Eligibility Criteria 3 & 4 in Appendix 8 of the CPA validation reports.   |               |  |                         |
| <b>Conclusion</b><br>Tick the appropriate checkbox  |               | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |

|  |                                      |  |                      |                         |
|--|--------------------------------------|--|----------------------|-------------------------|
| <b>CL ID</b>   | 03                                   | <b>Section no.</b>   | B.6.3                | <b>Date:</b> 23/09/2016 |
| <b>Description of CL</b>   |                                      |  |                      |                         |
| Draft generic CPA-DD version 1.0 (part II), section B.6.3  |                                      |  |                      |                         |
| <i>'Under Type I CPAs, PEIS,y is zero as no new or rehabilitated individual renewable or hybrid energy systems will be installed'</i>  |                                      |  |                      |                         |
| CME shall clarify this statement against §37 (Table 5) of the applied methodology  |                                      |  |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>   |                                      |  |                      | <b>Date:</b> 19/10/2016 |
| CPAs under Type I only include the hybridization of mini-grids and not individual energy systems, whether new or rehabilitated or renewable or hybrid. As such PE <sub>IS,y</sub> is 0 as per the statement. |                                      |  |                      |                         |
| <b>Documentation provided by CME</b>   |                                      |  |                      |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD  | Section(s): (part II), section B.6.3 |  | New version No.: 2.0 |                         |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s):                        |  | New version No.:     |                         |
| <input type="checkbox"/> Other:  |                                      |  |                      |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>   |                                      |  |                      | <b>Date:</b> 06/11/2016 |
| Generic CPA-DD version 2.0 (part II), section B.6.3  |                                      |  |                      |                         |
| As per §37 and §39 of the applied methodology, PE <sub>IS,y</sub> is zero as no new or rehabilitated individual renewable or hybrid energy systems will be installed under the proposed CPA                  |                                      |  |                      |                         |
| <b>Conclusion</b><br>Tick the appropriate checkbox   |                                      | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                      |                         |

|   |                   |                    |                      |                         |
|---|-------------------|--------------------|----------------------|-------------------------|
| <b>CL ID</b>  | 04                | <b>Section no.</b> | B.6.1                | <b>Date:</b> 23/09/2016 |
| <b>Description of CL</b>  |                   |                    |                      |                         |
| Draft generic CPA-DD version 1.0 (part III), section B.6.1          |                   |                    |                      |                         |
| Please clarify whether only Option 2(§18) is applicable for the CPA |                   |                    |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>                          |                   |                    |                      | <b>Date:</b> 19/10/2016 |
| Statement added to confirm Option 2 to be used for all Type 2 CPAs. |                   |                    |                      |                         |
| <b>Documentation provided by CME</b>                                |                   |                    |                      |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD           | Section(s): B.6.1 |                    | New version No.: 2.0 |                         |
| <input type="checkbox"/> Changes in XLS                             | Worksheet(s):     |                    | New version No.:     |                         |
| <input type="checkbox"/> Other:                                     |                   |                    |                      |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>                        |                   |                    |                      | <b>Date:</b> 06/11/2016 |

|   |                   |  |                         |
|---|-------------------|--|-------------------------|
| Generic CPA-DD version 2.0 (part III), section B.6.1  |                   |  |                         |
| The same is consistent with the EC 1 in PoA-DD section B.2, but not consistent with section A.6 of the PoA-DD |                   |  |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |                   |  | <b>Date:</b> 30/11/2016 |
| Section A.6 has been revised.   |                   |  |                         |
| <b>Documentation provided by CME</b>  |                   |  |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): B.6.1 | New version No.: 3.0   |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):     | New version No.:   |                         |
| <input type="checkbox"/> Other:   |                   |  |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                   |  | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 3.0 (part III), section B.6.1  |                   |  |                         |
| Section A.6 has been corrected accordingly  |                   |  |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>   |                   | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |

**Table 2. CAR from this validation**

|  |               |  |   |                         |
|--|---------------|--|---|-------------------------|
| <b>CAR ID</b>  | 01            | <b>Section no.</b>   | - | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>  |               |  |   |                         |
| Draft PoA-DD version 1.0, Documents Submitted  |               |  |   |                         |
| In accordance with §269-270 of the CDM VVS version 09.0, and §209 of the CDM PS version 09.0, at least one specific case CPA-DD shall be provided for each methodology, each generic CPA-DD at the time of request for registration of the PoA or after the registration of the PoA. It is noted that only specific case CPA-DDs for type 1 and Type 2 CPAs have been submitted for validation |               |  |   |                         |
| <b>CME response (1<sup>st</sup> round)</b>   |               |  |   | <b>Date:</b> 29/11/2016 |
| As per the guidelines quoted, specific case CPAs for each generic CPA will be provided at the time of registration of the PoA, or after registration of the PoA. Specific case CPAs for CPAs type III and IV will be provided after registration.  |               |  |   |                         |
| <b>Documentation provided by CME</b>   |               |  |   |                         |
| <input type="checkbox"/> Changes in the PoA-DD   | Section(s):   | New version No.:   |   |                         |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s): | New version No.:   |   |                         |
| <input type="checkbox"/> Other:  |               |  |   |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>   |               |  |   | <b>Date:</b> 06/11/2016 |
| Specific case CPAs for generic CPAs Type 3 and Type 4 will be provided at the time of registration of the PoA, or after registration of the PoA. As two CPAs will be submitted along with the registration request the issue is solved.  |               |  |   |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>  |               | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |   |                         |

|   |    |                    |                 |                         |
|---|----|--------------------|-----------------|-------------------------|
| <b>CAR ID</b>   | 02 | <b>Section no.</b> | Cover Page, A.3 | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>   |    |                    |                 |                         |
| Draft PoA-DD version 1.0, Editorial aspects   |    |                    |                 |                         |
| Cover Page  |    |                    |                 |                         |
| <ol style="list-style-type: none"> <li>1. The latest PoA-DD template version shall be applied</li> <li>2. The table shall be consistent with the latest PoA-DD template version</li> <li>3. Clarify if all the sectoral scopes linked to the applied methodology AMS-III.BL are applicable for the PoA as per latest template requirement</li> <li>4. The title of the AMS-III.AR is not correct</li> </ol> |    |                    |                 |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |    |                    |                 | <b>Date:</b> 19/10/2016 |

- 1.Updated PoA-DD to version 5
- 2.Table is updated to version 5
- 3.Added sectoral scope 2 and clarified sectors that are mandatory and conditional
- 4.Corrected the name of the methodology

|   |                            |  |
|---|----------------------------|--|
| <b>Documentation provided by CME</b>  |                            |  |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): Cover Page etc | New version No.: 2.0   |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):              | New version No.:   |
| <input type="checkbox"/> Other:   |                            |  |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                            | <b>Date:</b> 06/11/2016  |
| PoA-DD version 2.0, Editorial aspects   |                            |  |
| Cover Page  |                            |  |
| <ol style="list-style-type: none"> <li>1.The PoA-DD has been updated to PoA-DD template version 05.0</li> <li>2.The table is consistent with the latest PoA-DD template version 05.0</li> <li>3.All sectoral scopes linked to the applied methodologies have been included</li> <li>4.The title of the AMS-III.AR is corrected</li> </ol> |                            |  |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>   |                            | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |

|   |                 |                      |     |                         |
|---|-----------------|----------------------|-----|-------------------------|
| <b>CAR ID</b>   | 03              | <b>Section no.</b>   | A.3 | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>   |                 |                      |     |                         |
| Draft PoA-DD version 1.0, Section A.3   |                 |                      |     |                         |
| Section not completed as per template guidelines  |                 |                      |     |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |                 |                      |     | <b>Date:</b> 19/10/2016 |
| Added description of the participant (IBRD) along with address.                                       |                 |                      |     |                         |
| <b>Documentation provided by CME</b>  |                 |                      |     |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): A.3 | New version No.: 2.0 |     |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):   | New version No.:     |     |                         |
| <input type="checkbox"/> Other:   |                 |                      |     |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                 |                      |     | <b>Date:</b> 06/11/2016 |
| PoA-DD version 2.0, Section A.3   |                 |                      |     |                         |
| Section not completed as per template guidelines  |                 |                      |     |                         |
| <b>CME response (2nd round)</b>   |                 |                      |     | <b>Date:</b> 29/11/2016 |
| All information removed except for statement on AMADER.   |                 |                      |     |                         |
| <b>Documentation provided by CME</b>  |                 |                      |     |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): A.3 | New version No.: 3.0 |     |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):   | New version No.:     |     |                         |
| <input type="checkbox"/> Other:   |                 |                      |     |                         |
| <b>DOE assessment (2nd round)</b>   |                 |                      |     | <b>Date:</b> 20/03/2017 |
| PoA-DD version 3.0, Section A.3   |                 |                      |     |                         |
| Not all PPs are included as required by the PoA-DD template   |                 |                      |     |                         |
| <b>CME response (3rd round)</b>   |                 |                      |     | <b>Date:</b> 24/04/2017 |
| The IBRD has been added in section A.3 as a project participant.                                      |                 |                      |     |                         |
| <b>Documentation provided by CME</b>  |                 |                      |     |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): A.3 | New version No.: 4.0 |     |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):   | New version No.:     |     |                         |
| <input type="checkbox"/> Other:   |                 |                      |     |                         |
| <b>DOE assessment (3rd round)</b>   |                 |                      |     | <b>Date:</b> 25/07/2017 |
| PoA-DD version 4.0, Section A.4   |                 |                      |     |                         |
| Due to the change into CDM-PoA-DD-FORM version 08.1, only the CME is required in this now section A.4 |                 |                      |     |                         |
| <b>CME response (4th round)</b>   |                 |                      |     | <b>Date:</b> 31/07/2017 |

|  |                 |  |                         |
|--|-----------------|--|-------------------------|
| Revised as per guidance.   |                 |  |                         |
| <b>Documentation provided by CME</b>   |                 |  |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD                          | Section(s): A.4 | New version No.: 5.0   |                         |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s):   | New version No.:   |                         |
| <input type="checkbox"/> Other:  |                 |  |                         |
| <b>DOE assessment (4th round)</b>  |                 |  | <b>Date:</b> 02/08/2017 |
| PoA-DD version 5.0, Section A.4  |                 |  |                         |
| The CME still includes the IBRD in this section. The finding is closed nonetheless |                 |  |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>                          |                 | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |

|  |                 |  |     |                         |
|--|-----------------|--|-----|-------------------------|
| <b>CAR ID</b>  | 04              | <b>Section no.</b>   | A.4 | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>  |                 |  |     |                         |
| Draft PoA-DD version 1.0, Section A.4  |                 |  |     |                         |
| Section not completed as per template guidelines   |                 |  |     |                         |
| <b>CME response (1<sup>st</sup> round)</b>   |                 |  |     | <b>Date:</b> 19/10/2016 |
| Added description of AMADER as the CME, otherwise not sure what has not been completed as per the guideline. |                 |  |     |                         |
| <b>Documentation provided by CME</b>   |                 |  |     |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD  | Section(s): A.4 | New version No.: 2.0   |     |                         |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s):   | New version No.:   |     |                         |
| <input type="checkbox"/> Other:  |                 |  |     |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>   |                 |  |     | <b>Date:</b> 06/11/2016 |
| PoA-DD version 2.0, Section A.4  |                 |  |     |                         |
| Section now completed as per template guidelines   |                 |  |     |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>  |                 | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |     |                         |

|  |                 |                      |     |                         |
|--|-----------------|----------------------|-----|-------------------------|
| <b>CAR ID</b>  | 05              | <b>Section no.</b>   | A.5 | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>  |                 |                      |     |                         |
| Draft PoA-DD version 1.0, Section A.5  |                 |                      |     |                         |
| Section not completed as per template guidelines   |                 |                      |     |                         |
| <b>CME response (1<sup>st</sup> round)</b>   |                 |                      |     | <b>Date:</b> 19/10/2016 |
| Please clarify what is missing or needs correction. The geographical area of the PoA in which all CPAs are included is defined as the country of Mali as shown in the section. |                 |                      |     |                         |
| <b>Documentation provided by CME</b>   |                 |                      |     |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD  | Section(s): A.5 | New version No.: 2.0 |     |                         |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s):   | New version No.:     |     |                         |
| <input type="checkbox"/> Other:  |                 |                      |     |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>   |                 |                      |     | <b>Date:</b> 06/11/2016 |
| PoA-DD version 2.0, Section A.5  |                 |                      |     |                         |
| 1. The geographical coordinates provided do not represent the republic of Mali (the PoA boundary)<br>2. Source of the map not cited  |                 |                      |     |                         |
| <b>CME response (2nd round)</b>  |                 |                      |     | <b>Date:</b> 29/11/2016 |
| GPS coordinates referencing BAMAKO have been removed and the figure has been cited.  |                 |                      |     |                         |
| <b>Documentation provided by CME</b>   |                 |                      |     |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD  | Section(s): A.5 | New version No.: 3.0 |     |                         |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s):   | New version No.:     |     |                         |
| <input type="checkbox"/> Other:  |                 |                      |     |                         |
| <b>DOE assessment (2nd round)</b>  |                 |                      |     | <b>Date:</b> 20/03/2017 |
| PoA-DD version 3.0, Section A.5  |                 |                      |     |                         |
| Section now completed with the PoA-DD information requirements   |                 |                      |     |                         |

|  |   |
|--|---|
| <b>Conclusion</b><br>Tick the appropriate checkbox | <input type="checkbox"/> Additional action should be taken (finding remains open) |
|  | <input checked="" type="checkbox"/> The finding is closed                         |

|   |                       |                    |     |                  |              |            |
|---|-----------------------|--------------------|-----|------------------|--------------|------------|
| <b>CAR ID</b>   | 06                    | <b>Section no.</b> | A.6 | <b>Date:</b>     | 23/09/2016   |            |
| <b>Description of CAR</b>   |                       |                    |     |                  |              |            |
| Draft PoA-DD version 1.0, Section A.6   |                       |                    |     |                  |              |            |
| <p>1.The minimum specifications for the solar LED lamps do not all adhere to minimum requirements for light output prescribed in § 7 a&amp;b) of the applied and applicable of baseline and monitoring methodology AMS-III.AR version 05.0</p> <p>2.Distribution methods are not included</p> <p>3.Please clarify the specified annual limit 60,000 tCO<sub>2e</sub> for all CPAs, that is inconsistent with the eligibility criterion of 20,000 tCO<sub>2e</sub>/year</p>                        |                       |                    |     |                  |              |            |
| <b>CME response (1<sup>st</sup> round)</b>  |                       |                    |     |                  | <b>Date:</b> | 19/10/2016 |
| <p>1.The minimum specifications have been revised to satisfy paragraph 7 a, b of AMS-III.AR V5.0</p> <p>2.The distribution methods from paragraph 8 of AMS.III.AR V5 have been added</p> <p>3.Size limits have been revised to 20,000 tCO<sub>2e</sub>.</p>   |                       |                    |     |                  |              |            |
| <b>Documentation provided by CME</b>  |                       |                    |     |                  |              |            |
| <input checked="" type="checkbox"/>   | Changes in the PoA-DD | Section(s):        | A.6 | New version No.: | 2.0          |            |
| <input type="checkbox"/>  | Changes in XLS        | Worksheet(s):      |     | New version No.: |              |            |
| <input type="checkbox"/>  | Other:                |                    |     |                  |              |            |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                       |                    |     |                  | <b>Date:</b> | 06/11/2016 |
| PoA-DD version 2.0, Section A.6   |                       |                    |     |                  |              |            |
| <p>1.Corrections are deemed to be insufficient: The autonomous run-time is not adhering to paragraph 7 b iii b) of the meth. The per cent decline of light output (lumen) over 2,000 operational hours is not as per § 7 a) of the methodology, and the 5,000 hours selected as per §4a) (and §18 b)</p> <p>2.Proposed distribution methods have been included, in line with the applied methodology</p> <p>3.Size CPA threshold is revised to SSC threshold of 60,000 tCO<sub>2e</sub>/year.</p> |                       |                    |     |                  |              |            |
| <b>CME response (2nd round)</b>   |                       |                    |     |                  | <b>Date:</b> | 29/11/2016 |
| Section has been revised for some comments and responses given in the PoA-DD for other comments.  |                       |                    |     |                  |              |            |
| <b>Documentation provided by CME</b>  |                       |                    |     |                  |              |            |
| <input checked="" type="checkbox"/>   | Changes in the PoA-DD | Section(s):        | A.6 | New version No.: | 3.0          |            |
| <input type="checkbox"/>  | Changes in XLS        | Worksheet(s):      |     | New version No.: |              |            |
| <input type="checkbox"/>  | Other:                |                    |     |                  |              |            |
| <b>DOE assessment (2nd round)</b>   |                       |                    |     |                  | <b>Date:</b> | 20/03/2017 |
| PoA-DD version 3.0, Section A.6   |                       |                    |     |                  |              |            |
| Technology specifications are now consistent between §5, §7a and §17 of the applied methodology   |                       |                    |     |                  |              |            |
| The CME has now applied the methodological tool 19: Demonstration of additionality of micro-scale project activities_v7.1.  |                       |                    |     |                  |              |            |
| The size limit of each generic CPA (CDM micro-scale unit) as well as the size of each independent subsystem and/or measure within the CPA shall be clarified and revised accordingly  |                       |                    |     |                  |              |            |
| <b>CME response (3<sup>rd</sup> round)</b>  |                       |                    |     |                  | <b>Date:</b> | 30/10/2017 |
| The size limit for each CDM unit in each generic CPA has been added. The size of each independent subsystem is not relevant to the additionality argument as per paragraph 10 of Tool 19, where any one condition need apply and the LDC condition applies.   |                       |                    |     |                  |              |            |
| <b>Documentation provided by CME</b>  |                       |                    |     |                  |              |            |
| <input checked="" type="checkbox"/>   | Changes in the PoA-DD | Section(s):        | C   | New version No.: | 8.0          |            |
| <input type="checkbox"/>  | Changes in XLS        | Worksheet(s):      |     | New version No.: |              |            |
| <input type="checkbox"/>  | Other:                |                    |     |                  |              |            |
| <b>DOE assessment (3<sup>rd</sup> round)</b>  |                       |                    |     |                  | <b>Date:</b> | 30/10/2017 |

|   |  |
|---|--|
| PoA-DD version 8.0, Section C   |  |
| The size limit for each micro-scale CDM unit in each CPA has been added. The size of each independent sub-system is revised to 20,000 tCO <sub>2</sub> e per annum as per methodological tool 19. |  |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>   | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |

|   |  |                             |                 |                      |              |
|---|--|-----------------------------|-----------------|----------------------|--------------|
| <b>CAR ID</b>   | 07   | <b>Section no.</b>          | A.7, Appendix 2 | <b>Date:</b>         | 23/09/2016   |
| <b>Description of CAR</b>   |  |                             |                 |                      |              |
| Draft PoA-DD version 1.0, Section A.7   |  |                             |                 |                      |              |
| Public funding is involved. No ODA affirmation in Appendix 2 as stated  |  |                             |                 |                      |              |
| <b>CME response (1<sup>st</sup> round)</b>  |  |                             |                 |                      | <b>Date:</b> |
| The ODA affirmation letter will be made available when all other CARs and CLs have been satisfied and is part of the LoA provided by the Annex I country (Sweden) participating in the PoA. |  |                             |                 |                      | 19/10/2016   |
| <b>Documentation provided by CME</b>  |  |                             |                 |                      |              |
| <input checked="" type="checkbox"/>   | Changes in the PoA-DD  | Section(s): A.7, Appendix 2 |                 | New version No.: 2.0 |              |
| <input type="checkbox"/>  | Changes in XLS   | Worksheet(s):               |                 | New version No.:     |              |
| <input type="checkbox"/>  | Other:   |                             |                 |                      |              |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |  |                             |                 |                      | <b>Date:</b> |
| PoA-DD version 2.0, Section A.7, Appendix 2   |  |                             |                 |                      | 06/11/2016   |
| Pending   |  |                             |                 |                      |              |
| <b>CME response (2nd round)</b>   |  |                             |                 |                      | <b>Date:</b> |
| Still Pending.  |  |                             |                 |                      | 30/11/2016   |
| <b>Documentation provided by CME</b>  |  |                             |                 |                      |              |
| <input checked="" type="checkbox"/>   | Changes in the PoA-DD  | Section(s): A.7, Appendix 2 |                 | New version No.: 3.0 |              |
| <input type="checkbox"/>  | Changes in XLS   | Worksheet(s):               |                 | New version No.:     |              |
| <input type="checkbox"/>  | Other:   |                             |                 |                      |              |
| <b>DOE assessment (2nd round)</b>   |  |                             |                 |                      | <b>Date:</b> |
| Response Pending  |  |                             |                 |                      | 20/03/2017   |
| <b>CME response (3rd round)</b>   |  |                             |                 |                      | <b>Date:</b> |
| ODA statement has been added as Appendix 2  |  |                             |                 |                      | 23/07/2017   |
| <b>Documentation provided by CME</b>  |  |                             |                 |                      |              |
| <input checked="" type="checkbox"/>   | Changes in the PoA-DD  | Section(s): A.6, Appendix 2 |                 | New version No.: 4.0 |              |
| <input type="checkbox"/>  | Changes in XLS   | Worksheet(s):               |                 | New version No.:     |              |
| <input type="checkbox"/>  | Other:   |                             |                 |                      |              |
| <b>DOE assessment (3rd round)</b>   |  |                             |                 |                      | <b>Date:</b> |
| PoA-DD version 4.0, Section A.6, Appendix 2   |  |                             |                 |                      | 25/07/2017   |
| Section A.6 (of the new CDM-PoA-DD-FORM version 08.1) has been updated to include ODA affirmation from Annex 1 party Sweden which is part of the Annex 1 LoA                                |  |                             |                 |                      |              |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>   | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                             |                 |                      |              |

|   |    |                    |     |              |              |
|---|----|--------------------|-----|--------------|--------------|
| <b>CAR ID</b>   | 08 | <b>Section no.</b> | B.1 | <b>Date:</b> | 23/09/2016   |
| <b>Description of CAR</b>   |    |                    |     |              |              |
| Draft PoA-DD version 1.0, Section B.1   |    |                    |     |              |              |
| The following is observed in the PoA additionality argument   |    |                    |     |              |              |
| 1.The stated rural electrification of 7.2% is not consistent with the 15% (2013) stated in section A.2 and the reference given<br><br>2.It is stated that 'additionality of the CPAs under the PoA is demonstrated through Methodological Tool 19: Demonstration of additionality of microscale project activities, Version 7'. |    |                    |     |              |              |
| <b>CME response (1<sup>st</sup> round)</b>  |    |                    |     |              | <b>Date:</b> |
|   |    |                    |     |              | 19/10/2016   |



|   |                       |  |                         |
|---|-----------------------|--|-------------------------|
| 1.Revised the rural electrification rate to 15% to match section A.2 above.   |                       |  |                         |
| 2.Revised additionality argument to reflect Methodological Tool 21 and use positive list in place of microscale additionality   |                       |  |                         |
| <b>Documentation provided by CME</b>  |                       |  |                         |
| <input checked="" type="checkbox"/>   | Changes in the PoA-DD | Section(s): B.1  | New version No.: 2.0    |
| <input type="checkbox"/>  | Changes in XLS        | Worksheet(s):  | New version No.:        |
| <input type="checkbox"/>  | Other:                |  |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                       |  | <b>Date:</b> 06/11/2016 |
| PoA-DD version 2.0, Section B.1   |                       |  |                         |
| 1.The rural electrification rate has been revised to 15%  |                       |  |                         |
| 2.The revised additionality using the methodological tool: Demonstration of additionality of small-scale project activities is deemed to be insufficient  |                       |  |                         |
| <b>CME response (2nd round)</b>   |                       |  | <b>Date:</b> 29/11/2016 |
| The revised additionality argument has not been altered in Version 3.0 of the PoA and is deemed sufficient. Please review.  |                       |  |                         |
| <b>Documentation provided by CME</b>  |                       |  |                         |
| <input checked="" type="checkbox"/>   | Changes in the PoA-DD | Section(s):  | New version No.: 3.0    |
| <input type="checkbox"/>  | Changes in XLS        | Worksheet(s):  | New version No.:        |
| <input type="checkbox"/>  | Other:                |  |                         |
| <b>DOE assessment (2nd round)</b>   |                       |  | <b>Date:</b> 20/03/2017 |
| PoA-DD version 3.0, Section B.1   |                       |  |                         |
| No isolated unit shall exceed emission reductions of 3,000 tonnes per year. This is sufficient and in line with the methodological tool applied   |                       |  |                         |
| <b>DOE assessment (3rd round)</b>   |                       |  | <b>Date:</b> 25/07/2017 |
| PoA-DD version 4.0, Section C (now applying CDM-PoA-DD-FORM version 08.1)   |                       |  |                         |
| The CME has revised the additionality argument in line with Methodological Tool19. However, the micro-scale additionality threshold for each independent subsystem (micro-scale CDM unit) has not been specified in line with §10 of the tool |                       |  |                         |
| <b>CME response (4th round)</b>   |                       |  | <b>Date:</b> 31/07/2017 |
| Section has been revised as per guidance to reflect 20 ktCO <sub>2</sub> e per annum.   |                       |  |                         |
| <b>Documentation provided by CME</b>  |                       |  |                         |
| <input checked="" type="checkbox"/>   | Changes in the PoA-DD | Section(s): C  | New version No.: 5.0    |
| <input type="checkbox"/>  | Changes in XLS        | Worksheet(s):  | New version No.:        |
| <input type="checkbox"/>  | Other:                |  |                         |
| <b>DOE assessment (4th round)</b>   |                       |  | <b>Date:</b> 02/08/2017 |
| PoA-DD version 5.0, Section C   |                       |  |                         |
| Section C has been revised to indicate the micro-scale limit for each independent subsystem (CDM Unit) is 20 ktCO <sub>2</sub> e for each year credited.  |                       |  |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>   |                       | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |
| <b>CAR ID</b>   | 09                    | <b>Section no.</b>   | B.2                     |
| <b>Description of CAR</b>   |                       |  |                         |

Draft PoA-DD version 1.0, Section B.2

*1. Eligibility Criteria for CPA Type 1*

- Size Limit: The specified micro-scale limit specified is not correct
- Consumers: The minimum household requirements (§4) of the methodology is not included
- Additionality: Clarify why the Methodological Tool: Demonstration of additionality of small-scale project activities is not applicable
- Target Group: Clarify whether any *household and institution/SME* not connected to an electricity grid is eligible

*2. Eligibility Criteria for CPA Type 2*

- Technology: Specified minimum requirements for operational life are inconsistent with section A.6
- Size Limit: The EC shall be revised to be consistent with the micro-scale threshold
- The LED lamps/CFLs will be isolated units in households and institutions/SMEs. Clarify §18 j) of the PoA standard or point 2 of section B.3 of the PoA-DD template are adhered to

*3. Eligibility Criteria for CPA Type 3*

- Technology: The hydropower scale shall be specified

*4. Eligibility Criteria for CPA Type 4*

- Additionality: The CME shall clarify if the CDM unit applies to the CPA
- Debundling: Clarify how the CPA is exempted from a debundling check
- Distribution: Please clarify how bulk sales to distributors or by organizations are to be conducted for an extended grid

**CME response (1<sup>st</sup> round)****Date:** 19/10/2016

## 1. CPA Type 1

- Size limit has been revised to small-scale (criterion 4)
- Requirement for 75% households has been added (criterion 10)
- Additionality tool has been revised (criterion 3)
- Target group has been expanded upon to match methodology (criterion 11)

## 2. CPA Type 2

- Minimum requirements have been updated in section A.6 to match (criterion 1)
- Size limit has been revised to small-scale threshold (criterion 4)
- A new criterion on sampling has been added (criterion 15)

## 3. CPA Type 3

- Specified that scale shall not exceed 15MW (criterion 1)

## 4. CPA Type 4

- Additionality tool has been revised (criterion 3)
- Explanation for de-bundling has been added (criterion 5)
- Revised to reflect the nature of the CPA (criterion 13)

**Documentation provided by CME**

|                                     |                       |                 |                      |
|-------------------------------------|-----------------------|-----------------|----------------------|
| <input checked="" type="checkbox"/> | Changes in the PoA-DD | Section(s): B.2 | New version No.: 2.0 |
| <input type="checkbox"/>            | Changes in XLS        | Worksheet(s):   | New version No.:     |
| <input type="checkbox"/>            | Other:                |                 |                      |

**DOE assessment (1<sup>st</sup> round)****Date:** 06/11/2016

|  |                       |  |                         |
|--|-----------------------|--|-------------------------|
| PoA-DD version 2.0, Section B.2  |                       |  |                         |
| 1.CPA Type 1   |                       |  |                         |
| <ul style="list-style-type: none"> <li>• The CPA size limit is revised to 60,000 tCO<sub>2</sub>e/annum, in line with the SSC threshold</li> <li>• At least 75 per cent of the consumers connected by the project activity shall be households, in line with AMS-III.BL</li> <li>• Methodological tool has been revised to <i>Demonstration of additionality of small-scale project activities</i>. The CME shall clarify the isolated units in line with §11 c of the methodological tool</li> <li>• Target group has been clarified in EC 11 that it is households and SMEs not connected to the national/regional grid, or connected to a more carbon intensive grid (fossil fuel mini grid)</li> </ul> |                       |  |                         |
| 2.CPA Type 2   |                       |  |                         |
| <ul style="list-style-type: none"> <li>• Minimum requirements have been maintained as 10,000 hours. Inconsistent with the 5,000 hours in section A.6</li> <li>• Size limit has been revised to small-scale threshold</li> <li>• An eligibility criterion on sampling has been added</li> </ul>   |                       |  |                         |
| 3.CPA Type 3   |                       |  |                         |
| <ul style="list-style-type: none"> <li>• Technology: specified threshold is 15 MW in line with the SSC threshold for projects. However, the CME shall clarify the isolated units in line with §11 c of the additionality of SSC project activities tool.</li> </ul>  |                       |  |                         |
| 4.CPA Type 4   |                       |  |                         |
| <ul style="list-style-type: none"> <li>• Additionality of each CPA will be in accordance §11 c) of the Methodological Tool: Demonstration of additionality of small-scale project activities</li> <li>• Explanation for de-bundling is not correct</li> <li>• Distribution method has been revised for an extension of grid</li> </ul>   |                       |  |                         |
| <b>CME response (2nd round)</b>  |                       |  | <b>Date:</b> 30/11/2016 |
| <p>Clarified 10,000 hours vs 5,000 hours</p> <p>Definition of isolated systems has been added.</p> <p>Debundling limit of 600 tCO<sub>2</sub> for CPA Type 4 does not apply to the entire CPA but to each subsystem, i.e. a single end-user under the CPA.</p>   |                       |  |                         |
| <b>Documentation provided by CME</b>   |                       |  |                         |
| <input checked="" type="checkbox"/>  | Changes in the PoA-DD | Section(s): B.2  | New version No.: 3.0    |
| <input type="checkbox"/>   | Changes in XLS        | Worksheet(s):  | New version No.:        |
| <input type="checkbox"/>   | Other:                |  |                         |
| <b>DOE assessment (2nd round)</b>  |                       |  | <b>Date:</b> 20/03/2017 |
| PoA-DD version 3.0, Section B.2  |                       |  |                         |
| 2.Rated average operational hours for project lamps will be 10,000 hours, consistent with section A.6 of the PoA-DD  |                       |  |                         |
| 3.Definition of isolated systems has been added  |                       |  |                         |
| 4.Explanation of debundling is now correct   |                       |  |                         |
| <b>Conclusion</b><br>Tick the appropriate checkbox   |                       | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |

|   |    |                    |     |                         |
|---|----|--------------------|-----|-------------------------|
| <b>CAR ID</b>   | 10 | <b>Section no.</b> | B.3 | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>   |    |                    |     |                         |
| Draft PoA-DD version 1.0, Section B.3   |    |                    |     |                         |
| 1.Section not completed as per instructions in the CDM-SSC-PoA-DD-FORM version 05.0 |    |                    |     |                         |
| 2.Information included here shall be moved to their relevant sections               |    |                    |     |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |    |                    |     | <b>Date:</b> 19/10/2016 |

|  |                       |  |                         |
|--|-----------------------|--|-------------------------|
| 1.The section has been revised to include a discussion of the sampling to be done under Type II CPAs (AMS.III-AR Version 5)  |                       |  |                         |
| 2.Discussion of the methodological choices has been removed as per the instructions of PoA-DD Form V5  |                       |  |                         |
| <b>Documentation provided by CME</b>   |                       |  |                         |
| <input checked="" type="checkbox"/>  | Changes in the PoA-DD | Section(s): B.3  | New version No.: 2.0    |
| <input type="checkbox"/>   | Changes in XLS        | Worksheet(s):  | New version No.:        |
| <input type="checkbox"/>   | Other:                |  |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>   |                       |  | <b>Date:</b> 06/11/2016 |
| PoA-DD version 2.0, Section B.3  |                       |  |                         |
| 1.Section is now completed as per template requirements  |                       |  |                         |
| 2.The sampling plan for the Type 2 CPA does not meet all the provisions of the sampling standard   |                       |  |                         |
| <b>CME response (2nd round)</b>  |                       |  | <b>Date:</b> 30/11/2016 |
| Reference has been added to the standard on sampling. The requirements from the standard are quite lengthy and not all of them apply. Let me know if referencing the standard is sufficient or which requirement should be listed in the document. |                       |  |                         |
| <b>Documentation provided by CME</b>   |                       |  |                         |
| <input checked="" type="checkbox"/>  | Changes in the PoA-DD | Section(s): B.3  | New version No.: 3.0    |
| <input type="checkbox"/>   | Changes in XLS        | Worksheet(s):  | New version No.:        |
| <input type="checkbox"/>   | Other:                |  |                         |
| <b>DOE assessment (2nd round)</b>  |                       |  | <b>Date:</b> 20/03/2017 |
| PoA-DD version 3.0, Section B.3  |                       |  |                         |
| Please consult §31 f) of the applied and §218 of the CDM Project Standard  |                       |  |                         |
| <b>CME response (3rd round)</b>  |                       |  | <b>Date:</b> 23/07/2017 |
| The survey required as per the methodology will be in the PDD when the monitoring plan is validated during verification  |                       |  |                         |
| Also, now new versions of the design documents have been used that clarify the issue.  |                       |  |                         |
| <b>Documentation provided by CME</b>   |                       |  |                         |
| <input checked="" type="checkbox"/>  | Changes in the PoA-DD | Section(s): -  | New version No.: 4.0    |
| <input type="checkbox"/>   | Changes in XLS        | Worksheet(s):  | New version No.:        |
| <input type="checkbox"/>   | Other:                |  |                         |
| <b>DOE assessment (3rd round)</b>  |                       |  | <b>Date:</b> 25/07/2017 |
| PoA-DD version 4.0   |                       |  |                         |
| Section B.3 has been eliminated from the latest applied PoA-DD template. The survey principles shall follow the applied methodology  |                       |  |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>  |                       | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |

|   |                       |                    |                      |                         |
|---|-----------------------|--------------------|----------------------|-------------------------|
| <b>CAR ID</b>   | 11                    | <b>Section no.</b> | D.1                  | <b>Date:</b> 06/11/2016 |
| <b>Description of CAR</b>   |                       |                    |                      |                         |
| PoA-DD version 2.0, Section D.1                                       |                       |                    |                      |                         |
| PoA start date is incorrect   |                       |                    |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>                            |                       |                    |                      | <b>Date:</b> 29/11/2016 |
| The PoA start date has been revised in section D.1 of the PoA-DD.     |                       |                    |                      |                         |
| <b>Documentation provided by CME</b>                                  |                       |                    |                      |                         |
| <input checked="" type="checkbox"/>                                   | Changes in the PoA-DD | Section(s): D.1    | New version No.: 3.0 |                         |
| <input type="checkbox"/>  | Changes in XLS        | Worksheet(s):      | New version No.:     |                         |
| <input type="checkbox"/>  | Other:                |                    |                      |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>                          |                       |                    |                      | <b>Date:</b> 20/03/2017 |
| PoA-DD version 3.0, Section D.1                                       |                       |                    |                      |                         |
| The PoA start date has not been revised in section D.1 of the PoA-DD. |                       |                    |                      |                         |

|  |                 |  |  |
|--|-----------------|--|--|
| <b>DOE assessment (2nd round)</b>  |                 | <b>Date:</b> 25/07/2017  |  |
| PoA-DD version 4.0, Section D.1  |                 |  |  |
| The PoA start date has not been defined in line with §41 of the CDM PoA PS version 01.0 or the new template version 08.1.  |                 |  |  |
| <b>CME response (2nd round)</b>  |                 | <b>Date:</b> 31/07/2017  |  |
| PoA start date has been revised to reflect the GSC date of 11/08/2016  |                 |  |  |
| <b>Documentation provided by CME</b>   |                 |  |  |
| <input checked="" type="checkbox"/> Changes in the PoA-DD  | Section(s): D.1 | New version No.: 5.0   |  |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s):   | New version No.:   |  |
| <input type="checkbox"/> Other:  |                 |  |  |
| <b>DOE assessment (3rd round)</b>  |                 | <b>Date:</b> 16/10/2017  |  |
| PoA-DD version 6.0, Section D.1  |                 |  |  |
| According to the CDM Glossary of Terms version 9.1, this shall be ' <i>the date on which the CME officially notifies the secretariat and the DNA(s) of the host Party(ies) of its intention to seek the CDM status, or the date of publication of the PoA-DD for global stakeholder consultation, whichever is earlier</i> ' |                 |  |  |
| The same shall be revised and evidenced accordingly  |                 |  |  |
| <b>CME response (3rd round)</b>  |                 | <b>Date:</b> 16/10/2017  |  |
| The start date of the PoA has been revised to reflect the date of prior consideration as 08/10/2014. A reference to the evidence of prior consideration has been added.  |                 |  |  |
| <b>DOE assessment (4th round)</b>  |                 | <b>Date:</b> 17/10/2017  |  |
| PoA-DD version 7.0, Section D.1  |                 |  |  |
| The start date of the proposed CDM PoA is revised to 08/10/2014, which is the date when the CME officially notified the secretariat and the DNA of the host Party of its intention to seek the CDM status. The defined start date is in line with the <i>CDM Glossary of Terms</i>   |                 |  |  |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>  |                 | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |  |

|   |                 |                    |                      |                         |
|---|-----------------|--------------------|----------------------|-------------------------|
| <b>CAR ID</b>   | 12              | <b>Section no.</b> | E.2                  | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>   |                 |                    |                      |                         |
| Draft PoA-DD version 1.0, Section E.2   |                 |                    |                      |                         |
| 1.The CME shall complete this section in line with PoA-DD template requirements<br>2.In the CPA-DD template, CPA implementer shall state whether EIA is required by the host party. Since this is a requirement for the CPA-DD but done at PoA level, then the same shall be included here. And to provide a summary of the analysis and references to all documentation.   |                 |                    |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |                 |                    |                      | <b>Date:</b> 19/10/2016 |
| 1.Reference has been added to the EIA Permit Letter provided by the Ministry for Environment<br>2.It has been stated that an EIA is not required with reference to the letter from the ministry.  |                 |                    |                      |                         |
| <b>Documentation provided by CME</b>  |                 |                    |                      |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): E.2 |                    | New version No.: 2.0 |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):   |                    | New version No.:     |                         |
| <input type="checkbox"/> Other:   |                 |                    |                      |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                 |                    |                      | <b>Date:</b> 06/11/2016 |
| PoA-DD version 2.0, Section E.2   |                 |                    |                      |                         |
| 1.EIA waiver letter has been provided by the ministry of environment, in line with discussions conducted onsite with the CME. However, the same is not included in Appendix 7 of the PoA-DD version 2.0, as stated. A summary of the analysis as per the waiver letter is to be included in section E.2 of the PoA-DD. Furthermore, the waiver letter is requested in English<br>2.The waiver letter for an EIA has been provided separately. |                 |                    |                      |                         |
| <b>CME response (2nd round)</b>   |                 |                    |                      | <b>Date:</b> 29/11/2016 |

|   |  |                         |
|---|--|-------------------------|
| 1. Analysis of environmental study has been summarized and the study included as appendix 7.<br>A translation of the waiver letter is still pending.  |  |                         |
| <b>Documentation provided by CME</b>  |  |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): E.2  | New version No.: 3.0    |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):  | New version No.:        |
| <input type="checkbox"/> Other:   |  |                         |
| <b>DOE assessment (2nd round)</b>   |  | <b>Date:</b> DD/MM/YYYY |
| PoA-DD version 3.0, Section E.2   |  |                         |
| 1. Analysis of environmental impacts of the PoA and proposed mitigation measures have been included in section E.2 of the PoA-DD  |  |                         |
| 2. Pending  |  |                         |
| <b>CME response (3rd round)</b>   |  | <b>Date:</b> 31/07/2016 |
| The translated LoA from the host country has been provided, which makes statements that the project is in line with the environmental regulations of the country. Reference to this letter has been added in the EIA section.           |  |                         |
| <b>Documentation provided by CME</b>  |  |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): E.2  | New version No.: 4.0    |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):  | New version No.:        |
| <input type="checkbox"/> Other:   |  |                         |
| <b>DOE assessment (3rd round)</b>   |  | <b>Date:</b> 02/08/2017 |
| PoA-DD version 4.0, Section E.2   |  |                         |
| The obtained LoA indicates that the PoA is in line with the environmental code of the country. An environmental permit or waiver letter has also been validated as authentic. Therefore, the host country EIA compliance is ascertained |  |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>   | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |

|   |                 |                    |                      |                         |
|---|-----------------|--------------------|----------------------|-------------------------|
| <b>CAR ID</b>   | 13              | <b>Section no.</b> | F.1                  | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>   |                 |                    |                      |                         |
| Draft PoA-DD version 1.0, Section F.1   |                 |                    |                      |                         |
| The CME shall complete this section in line with PoA-DD template requirements. Specifically point 2 & 3                 |                 |                    |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |                 |                    |                      | <b>Date:</b> 19/10/2016 |
| Statements have been added to satisfy Points 1 & 2 in section F.1   |                 |                    |                      |                         |
| <b>Documentation provided by CME</b>  |                 |                    |                      |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): F.1 |                    | New version No.: 2.0 |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):   |                    | New version No.:     |                         |
| <input type="checkbox"/> Other:   |                 |                    |                      |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                 |                    |                      | <b>Date:</b> 06/11/2016 |
| PoA-DD version 2.0, Section F.1   |                 |                    |                      |                         |
| Section not completed as per template instructions  |                 |                    |                      |                         |
| <b>CME response (2nd round)</b>   |                 |                    |                      | <b>Date:</b> 30/11/2016 |
| Statements added on how the stakeholder comments were invited, i.e. direct invitation letters and public advert posted. |                 |                    |                      |                         |
| <b>Documentation provided by CME</b>  |                 |                    |                      |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): F.1 |                    | New version No.: 3.0 |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):   |                    | New version No.:     |                         |
| <input type="checkbox"/> Other:   |                 |                    |                      |                         |
| <b>DOE assessment (2nd round)</b>   |                 |                    |                      | <b>Date:</b> 20/03/2017 |

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|--|-----------------------|--|-------------------------|
| PoA-DD version 3.0, Section F.1  |                       |  |                         |
| The process by which comments from local stakeholders were invited and compiled has been added. The validation team requests the following evidences, as applicable: -   |                       |  |                         |
| 1. Email invitations   |                       |  |                         |
| 2. Hand delivered Letters  |                       |  |                         |
| 3. Newspaper announcements   |                       |  |                         |
| 4. List of the 85 attendees and their signatures   |                       |  |                         |
| 5. In line with the PoA-DD template version 05.0, and §75 of the CDM PS, please confirm the applicable national regulations, if any  |                       |  |                         |
| 6. The referenced stakeholder report in the footnote   |                       |  |                         |
| <b>CME response (3rd round)</b>  |                       |  | <b>Date:</b> 24/04/2017 |
| The Local Stakeholder Consultation report has been provided and referenced. The complete list of attendees has been provided. Sample invitation letters are shown in the stakeholder report. A statement has been added on the invitation of comments with regards to the national guidelines.   |                       |  |                         |
| <b>Documentation provided by CME</b>   |                       |  |                         |
| <input checked="" type="checkbox"/>  | Changes in the PoA-DD | Section(s): F.1  | New version No.: 4.0    |
| <input type="checkbox"/>   | Changes in XLS        | Worksheet(s):  | New version No.:        |
| <input type="checkbox"/>   | Other:                |  |                         |
| <b>DOE assessment (3rd round)</b>  |                       |  | <b>Date:</b> 25/07/2017 |
| PoA-DD version 4.0, Section F.2 (new template version 08.1)  |                       |  |                         |
| The referenced stakeholder consultation report shall be provided for validation  |                       |  |                         |
| <b>CME response (3rd round)</b>  |                       |  | <b>Date:</b> 31/07/2017 |
| Stakeholder consultation report has now been provided.   |                       |  |                         |
| <b>Documentation provided by CME</b>   |                       |  |                         |
| <input checked="" type="checkbox"/>  | Changes in the PoA-DD | Section(s): F.2  | New version No.: 5.0    |
| <input type="checkbox"/>   | Changes in XLS        | Worksheet(s):  | New version No.:        |
| <input type="checkbox"/>   | Other:                |  |                         |
| <b>DOE assessment (3rd round)</b>  |                       |  | <b>Date:</b> DD/MM/YYYY |
| PoA-DD version 5.0, Section F.2  |                       |  |                         |
| The CME has availed the LSC report dated 07/06/2017 indicating the date of LSC (18/05/2016) details of the proceedings, the public notices for the LSC meeting (Letter, emails and newspaper cutout), the list of attendees and their signatures, the evaluation forms, and the pictorial evidence of the meeting venue and presentation |                       |  |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>  |                       | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |

|  |                       |                    |                      |                         |
|--|-----------------------|--------------------|----------------------|-------------------------|
| <b>CAR ID</b>  | 14                    | <b>Section no.</b> | F.2                  | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>  |                       |                    |                      |                         |
| Draft PoA-DD version 1.0, Section F.2  |                       |                    |                      |                         |
| The CME shall complete this section in line with PoA-DD template requirements.                               |                       |                    |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>   |                       |                    |                      | <b>Date:</b> 19/10/2016 |
| A statement has been added regarding comments forwarded by the DNA of the host party.                        |                       |                    |                      |                         |
| <b>Documentation provided by CME</b>   |                       |                    |                      |                         |
| <input checked="" type="checkbox"/>  | Changes in the PoA-DD | Section(s): F.2    | New version No.: 2.0 |                         |
| <input type="checkbox"/>   | Changes in XLS        | Worksheet(s):      | New version No.:     |                         |
| <input type="checkbox"/>   | Other:                |                    |                      |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>   |                       |                    |                      | <b>Date:</b> 06/11/2016 |
| PoA-DD version 2.0, Section F.2  |                       |                    |                      |                         |
| Section still not completed as required. It is not specified which stakeholders made comments on the project |                       |                    |                      |                         |
| <b>CME response (2nd round)</b>  |                       |                    |                      | <b>Date:</b> 30/11/2016 |

|   |                 |  |                         |
|---|-----------------|--|-------------------------|
| Please clarify where in the CDM regulations it is required to list the exact name etc of the stakeholder who commented in the meeting. Previous PoAs have been registered listing only the industry the comment came from, i.e. public, private, etc.         |                 |  |                         |
| <b>Documentation provided by CME</b>  |                 |  |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): F.2 | New version No.: 3.0   |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):   | New version No.:   |                         |
| <input type="checkbox"/> Other:   |                 |  |                         |
| <b>DOE assessment (2nd round)</b>   |                 |  | <b>Date:</b> 20/03/2017 |
| PoA-DD version 3.0, Section F.2   |                 |  |                         |
| Section not completed as per template instructions. It is not specified which stakeholders made comments on the project in line with F.2 of the template  |                 |  |                         |
| <b>CME response (3rd round)</b>   |                 |  | <b>Date:</b> 30/11/2016 |
| A complete list of attendees has been provided.   |                 |  |                         |
| <b>Documentation provided by CME</b>  |                 |  |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): F.2 | New version No.: 4.0   |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):   | New version No.:   |                         |
| <input type="checkbox"/> Other:   |                 |  |                         |
| <b>DOE assessment (3rd round)</b>   |                 |  | <b>Date:</b> 02/08/2017 |
| PoA-DD version 4.0, Section F.2   |                 |  |                         |
| The CME has availed the LSC report indicating the public notices for the LSC meeting (public notice and newspaper cutout), the list of attendees and their signatures, the evaluation forms, and the pictorial evidence of the meeting venue and presentation |                 |  |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>   |                 | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |

|   |                 |  |     |                         |
|---|-----------------|--|-----|-------------------------|
| <b>CAR ID</b>   | 15              | <b>Section no.</b>   | F.3 | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>   |                 |  |     |                         |
| Draft PoA-DD version 1.0, Section F.3   |                 |  |     |                         |
| Provide information demonstrating that all comments and complaints received, including, if any, comments and complaints forwarded by the DNA of the host Party, have been considered. |                 |  |     |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |                 |  |     | <b>Date:</b> 19/10/2016 |
| A statement has been added regarding consideration of comments forwarded by the DNA of the host party.  |                 |  |     |                         |
| <b>Documentation provided by CME</b>  |                 |  |     |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): F.3 | New version No.: 2.0   |     |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):   | New version No.:   |     |                         |
| <input type="checkbox"/> Other:   |                 |  |     |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                 |  |     | <b>Date:</b> 06/11/2016 |
| PoA-DD version 2.0, Section F.3   |                 |  |     |                         |
| No comments from local stakeholders were to be considered. No comments were forwarded by the local stakeholders to the DNA of Mali  |                 |  |     |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>   |                 | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |     |                         |

|  |    |                    |   |                         |
|--|----|--------------------|---|-------------------------|
| <b>CAR ID</b>  | 16 | <b>Section no.</b> | G | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>  |    |                    |   |                         |
| Draft PoA-DD version 1.0, Section G  |    |                    |   |                         |
| 1.No LoA availed from parties involved in the proposed PoA (Mali & Sweden);<br>2.CME letters of authorization of its co-ordination of the PoA from each Party.<br>3.The Modalities of Communications (MoC) |    |                    |   |                         |
| <b>CME response (1<sup>st</sup> round)</b>   |    |                    |   | <b>Date:</b> 19/10/2016 |



- 1.The LoA from the host country of Mali will be provided during the validation and is currently being revised.
- 2.The LoA from the Annex 1 country participant will be provided when all other CARs and CLs have been closed.
- 3.MoC submitted

|  |               |                         |
|--|---------------|-------------------------|
| <b>Documentation provided by CME</b>   |               |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD  | Section(s):   | New version No.:        |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s): | New version No.:        |
| <input type="checkbox"/> Other:  |               |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>   |               | <b>Date:</b> 06/11/2016 |
| PoA-DD version 2.0, Section G  |               |                         |
| <ol style="list-style-type: none"> <li>1.LoAs are pending</li> <li>2.CME authorization is pending</li> <li>3.The MoC has been submitted and duly filled out in line with the template guidelines</li> </ol>  |               |                         |
| <b>CME response (2nd round)</b>  |               | <b>Date:</b> 30/11/2016 |
| Translated LoA from the Host Country is still pending  |               |                         |
| LoA from Annex I party is still pending  |               |                         |
| <b>Documentation provided by CME</b>   |               |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD  | Section(s):   | New version No.:        |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s): | New version No.:        |
| <input type="checkbox"/> Other:  |               |                         |
| <b>DOE assessment (2nd round)</b>  |               | <b>Date:</b> 20/03/2017 |
| LoAs are still pending   |               |                         |
| <b>CME response (3rd round)</b>  |               | <b>Date:</b> 23/07/2017 |
| The LoA from the Annex I party has been provided as Appendix 2   |               |                         |
| <b>Documentation provided by CME</b>   |               |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD  | Section(s): G | New version No.: 4.0    |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s): | New version No.:        |
| <input type="checkbox"/> Other:  |               |                         |
| <b>DOE assessment (3rd round)</b>  |               | <b>Date:</b> 25/07/2017 |
| PoA-DD version 4.0, Section G  |               |                         |
| <ol style="list-style-type: none"> <li>1) A letter of approval and authorization dated 28/06/2017 (ref 2017-007320) has been obtained from Annex 1 party DNA, and confirms the following <ol style="list-style-type: none"> <li>a) The precise CDM PoA title consistent with the proposed PoA-DD (Mali Rural Electrification Program);</li> <li>b) Confirms that Sweden is a Party to the Kyoto Protocol;</li> <li>c) Confirms that the International Bank for Reconstruction and Development (IBRD) as trustee of the Carbon Initiative for Development (Ci-Dev) has been authorized to participate in the PoA</li> <li>d) That public funding involved does not constitute diversion of ODA</li> </ol> </li> <li>2) A translated letter of approval and authorization dated 24/06/2016 (ref N° 0883/MEADD/AEDD) has been obtained from the host country DNA, and confirms the following <ol style="list-style-type: none"> <li>a) The precise CDM PoA title consistent with the title in the proposed PoA-DD;</li> <li>b) The proposed CDM PoA assists the host Party in achieving sustainable development;</li> <li>c) That participation in the PoA is voluntary;</li> <li>d) The Party is a Party to the Kyoto Protocol;</li> </ol> </li> </ol> |               |                         |
| <b>CME response (4th round)</b>  |               | <b>Date:</b> 31/07/2017 |
| Revised French LoA has been provided. Translation of this Revised LoA is pending. The revised version covers points a, c, and d, above. A reference to the Annex I party LoA has been added in the PoA-DD  |               |                         |
| <b>Documentation provided by CME</b>   |               |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD  | Section(s): G | New version No.: 5.0    |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s): | New version No.:        |

|  |  |
|--|--|
| <input type="checkbox"/> Other:  |  |
| <b>DOE assessment (4th round)</b>  | <b>Date:</b> 02/08/2017  |
| PoA-DD version 5.0, Section G  |  |
| <p>A letter of approval and authorization (in French) dated 08/11/2016 (ref N° 1542/MEADD/AEDD) has been obtained from the host country DNA. A translation of the same dated 08/11/2016 (ref N° 1542/MEADD/AEDD) has also been obtained directly from the PP. Both LoAs confirm the following: -</p> <p>a) The precise CDM PoA title consistent with the title in the proposed PoA-DD;</p> <p>b) The precise name of CME is correct;</p> <p>c) The proposed CDM PoA assists the host Party in achieving sustainable development;</p> <p>d) That participation in the PoA is voluntary;</p> <p>e) The Party is a Party to the Kyoto Protocol;</p> <p>From the foregoing, it can be concluded that each project participant has been approved and authorized by at least one Party involved in the proposed CDM PoA to participate in the PoA in line with §70 of the CDM PS for PoA, version 1.0. The LoAs fulfill the stated criteria under the PS and VVS</p> |  |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>  | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |

|   |  |                    |                        |                         |
|---|--|--------------------|------------------------|-------------------------|
| <b>CAR ID</b>   | 17   | <b>Section no.</b> | (part II), Section A.1 | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>                                 |  |                    |                        |                         |
| Draft generic CPA-DD version 1.0 (part II), Section A.1   |  |                    |                        |                         |
| Methodology title is not correct                          |  |                    |                        |                         |
| <b>CME response (1<sup>st</sup> round)</b>                |  |                    |                        | <b>Date:</b> 19/10/2016 |
| Methodology title corrected                               |  |                    |                        |                         |
| <b>Documentation provided by CME</b>                      |  |                    |                        |                         |
| <input checked="" type="checkbox"/>                       | Changes in the PoA-DD  | Section(s):        | (part II), Section A.1 | New version No.: 2.0    |
| <input type="checkbox"/>                                  | Changes in XLS   | Worksheet(s):      |                        | New version No.:        |
| <input type="checkbox"/>                                  | Other:   |                    |                        |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>              |  |                    |                        | <b>Date:</b> 06/11/2016 |
| Generic CPA-DD version 2.0 (part II), Section A.1         |  |                    |                        |                         |
| Methodology title has been corrected                      |  |                    |                        |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i> | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                    |                        |                         |

|   |                       |                    |                        |                         |
|---|-----------------------|--------------------|------------------------|-------------------------|
| <b>CAR ID</b>   | 18                    | <b>Section no.</b> | B.1                    | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>   |                       |                    |                        |                         |
| Draft generic CPA-DD version 1.0 (part II), Section B.1   |                       |                    |                        |                         |
| <p>1.Tool to calculate the emission factor for an electricity system version is not valid</p> <p>2.The title for the sampling standard and version are not correct</p> <p>3.The CME shall clarify the relevance of the methodology AM0104</p> |                       |                    |                        |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |                       |                    |                        | <b>Date:</b> 19/10/2016 |
| <p>1.Tool to calculate the emission factor for an electricity system has been updated to version 5</p> <p>2.Title for sampling has been corrected and version updated</p> <p>3.Reference to AM104 has been removed.</p>                       |                       |                    |                        |                         |
| <b>Documentation provided by CME</b>  |                       |                    |                        |                         |
| <input checked="" type="checkbox"/>   | Changes in the PoA-DD | Section(s):        | (part II), Section B.1 | New version No.: 2.0    |
| <input type="checkbox"/>  | Changes in XLS        | Worksheet(s):      |                        | New version No.:        |
| <input type="checkbox"/>  | Other:                |                    |                        |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                       |                    |                        | <b>Date:</b> 06/11/2016 |

|   |                       |  |                         |
|---|-----------------------|--|-------------------------|
| Generic CPA-DD version 2.0 (part II), Section B.1   |                       |  |                         |
| 1.The title for the sampling standard and version are not correct                               |                       |  |                         |
| 2.Tool to calculate the emission factor for an electricity system has been updated to version 5 |                       |  |                         |
| 3.Reference to AM104 has been excluded  |                       |  |                         |
| <b>CME response (2nd round)</b>   |                       |  | <b>Date:</b> 30/11/2016 |
| 1.Version for sampling has been updated to V5.  |                       |  |                         |
| <b>Documentation provided by CME</b>  |                       |  |                         |
| <input checked="" type="checkbox"/>   | Changes in the PoA-DD | Section(s): (part II), Section B.1   | New version No.: 3.0    |
| <input type="checkbox"/>  | Changes in XLS        | Worksheet(s):  | New version No.:        |
| <input type="checkbox"/>  | Other:                |  |                         |
| <b>DOE assessment (2nd round)</b>   |                       |  | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 3.0 (part II), Section B.1   |                       |  |                         |
| 1.The title sampling standard has been excluded for this CPA type                               |                       |  |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>                                       |                       | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |

|   |                       |  |                      |                         |
|---|-----------------------|--|----------------------|-------------------------|
| <b>CAR</b>  | 19                    | <b>Section no.</b>   | B.2                  | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>   |                       |  |                      |                         |
| Draft generic CPA-DD version 1.0 (part II), Section B.2   |                       |  |                      |                         |
| 1.Section not completed as per template guidelines (points 1 through 4). For point 1 of the template, consider applicability conditions specified in the methodology (§2-8) |                       |  |                      |                         |
| 2.Please clarify the 'CDM unit level' possible under this CPA   |                       |  |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |                       |  |                      | <b>Date:</b> 19/10/2016 |
| 1. Points 1 and 2 have been addressed. The project activity does not include more than one component so Point 3 does not apply.   |                       |  |                      |                         |
| 2. Reference to CDM unit level has been removed.  |                       |  |                      |                         |
| <b>Documentation provided by CME</b>  |                       |  |                      |                         |
| <input checked="" type="checkbox"/>   | Changes in the PoA-DD | Section(s): (part II), Section B.2   | New version No.: 2.0 |                         |
| <input type="checkbox"/>  | Changes in XLS        | Worksheet(s):  | New version No.:     |                         |
| <input type="checkbox"/>  | Other:                |  |                      |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                       |  |                      | <b>Date:</b> 06/11/2016 |
| Generic CPA-DD version 2.0 (part II), Section B.2   |                       |  |                      |                         |
| 1.Not all applicability conditions of the methodology for this CPA type are included. E.g, §3   |                       |  |                      |                         |
| 2.Reference to CDM unit level has been removed  |                       |  |                      |                         |
| <b>CME response (2nd round)</b>   |                       |  |                      | <b>Date:</b> 30/11/2016 |
| 1.Applicability condition from paragraph 3 has been included and the format has been altered to a table.  |                       |  |                      |                         |
| <b>Documentation provided by CME</b>  |                       |  |                      |                         |
| <input checked="" type="checkbox"/>   | Changes in the PoA-DD | Section(s): (part II), Section B.2   | New version No.: 3.0 |                         |
| <input type="checkbox"/>  | Changes in XLS        | Worksheet(s):  | New version No.:     |                         |
| <input type="checkbox"/>  | Other:                |  |                      |                         |
| <b>DOE assessment (2nd round)</b>   |                       |  |                      | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 3.0 (part II), Section B.2   |                       |  |                      |                         |
| All applicability conditions of AMS-III.BL have been included and justified.  |                       |  |                      |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>   |                       | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                      |                         |

|  |    |                    |     |                         |
|--|----|--------------------|-----|-------------------------|
| <b>CAR ID</b>  | 20 | <b>Section no.</b> | B.3 | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>  |    |                    |     |                         |
| Draft generic CPA-DD version 1.0 (part II), Section B.3              |    |                    |     |                         |
| The sources and GHGs for BE/PE included in each generic CPA boundary |    |                    |     |                         |

|   |                                    |  |                      |
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| <b>CME response (1<sup>st</sup> round)</b>  |                                    | <b>Date:</b> 19/10/2016  |                      |
| Diagram has been revised to include PE <sub>y</sub> (project emissions) as well as ECT <sub>3,y</sub> and EFCO <sub>2T3</sub> (baseline emissions)  |                                    |  |                      |
| <b>Documentation provided by CME</b>  |                                    |  |                      |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): (part II), Section B.3 |  | New version No.: 2.0 |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):                      |  | New version No.:     |
| <input type="checkbox"/> Other:   |                                    |  |                      |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                                    | <b>Date:</b> 06/11/2016  |                      |
| Generic CPA-DD version 2.0 (part II), Section B.3   |                                    |  |                      |
| 1. Corrections have not been effected as per DOE request.   |                                    |  |                      |
| 2. Please also clarify EC <sub>T3,y</sub> and EF <sub>CO2,T3</sub>  |                                    |  |                      |
| <b>CME response (2nd round)</b>   |                                    | <b>Date:</b> 30/11/2016  |                      |
| Description of emission sources has been added as well as clarity on ECT <sub>3,y</sub> and EFC <sub>2,T3</sub>   |                                    |  |                      |
| <b>Documentation provided by CME</b>  |                                    |  |                      |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): (part II), Section B.3 |  | New version No.: 3.0 |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):                      |  | New version No.:     |
| <input type="checkbox"/> Other:   |                                    |  |                      |
| <b>DOE assessment (2nd round)</b>   |                                    | <b>Date:</b> 20/03/2017  |                      |
| Generic CPA-DD version 3.0 (part II), Section B.3   |                                    |  |                      |
| 1. Descriptions of emission sources has been added to the table   |                                    |  |                      |
| 2. For this CPA type, and in line with §20 c) of the applied methodology, only Type III consumers are considered for the baseline scenario. Therefore, equation 5 and equation 7 of the methodology are applied accordingly |                                    |  |                      |
| <b>Conclusion</b><br>Tick the appropriate checkbox  |                                    | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                      |

|   |                                    |  |                      |                         |
|---|------------------------------------|--|----------------------|-------------------------|
| <b>CAR ID</b>   | 21                                 | <b>Section no.</b>   | B.4                  | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>   |                                    |  |                      |                         |
| Draft generic CPA-DD version 1.0 (part II), section B.4   |                                    |  |                      |                         |
| 1. Section not completed as per template guidelines   |                                    |  |                      |                         |
| 2. Start by defining the baseline scenario for type 1 CPA keeping in mind the baseline definition of the applied methodology as well as type of consumer as per §20 & 22 of the meth. Inserting default values from the meth does not define the baselines  |                                    |  |                      |                         |
| 3. Consider including all required information as per template  |                                    |  |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |                                    |  |                      | <b>Date:</b> 19/10/2016 |
| 1. New template has been applied  |                                    |  |                      |                         |
| 2. Baseline scenario has been defined as per paragraph 20 and 22 of the methodology   |                                    |  |                      |                         |
| 3. The baseline technology has been referenced from section A.6 of the PoA-DD and used to justify the remaining baseline parameters.  |                                    |  |                      |                         |
| <b>Documentation provided by CME</b>  |                                    |  |                      |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): (part II), section B.4 |  | New version No.: 2.0 |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):                      |  | New version No.:     |                         |
| <input type="checkbox"/> Other:   |                                    |  |                      |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                                    |  |                      | <b>Date:</b> 06/11/2016 |
| Generic CPA-DD version 2.0 (part II), section B.4   |                                    |  |                      |                         |
| The baseline scenario for the CPA type is now defined and derived from the type III consumer, that is, <i>consumers who were connected to a mini-grid system prior to the project activity</i> . PP has included the default values as per the methodology. |                                    |  |                      |                         |
| <b>Conclusion</b><br>Tick the appropriate checkbox  |                                    | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                      |                         |

|               |    |                    |     |                         |
|---------------|----|--------------------|-----|-------------------------|
| <b>CAR ID</b> | 22 | <b>Section no.</b> | B.5 | <b>Date:</b> 23/09/2016 |
|---------------|----|--------------------|-----|-------------------------|

|   |                       |  |                         |
|---|-----------------------|--|-------------------------|
| <b>Description of CAR</b>   |                       |  |                         |
| Draft generic CPA-DD version 1.0 (part II), section B.5   |                       |  |                         |
| 1.De-bundling: The proposed evidence is not correct   |                       |  |                         |
| 2.Target Group: Not correct and not consistent with section B.2 of the PoA-DD   |                       |  |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |                       |  | <b>Date:</b> 19/10/2016 |
| Debundling: Please clarify  |                       |  |                         |
| Target group: has been revised as per the revisions of B.2 of PoA-DD, including a description as consumers who were connected to a mini-grid prior to the activity. |                       |  |                         |
| <b>Documentation provided by CME</b>  |                       |  |                         |
| <input checked="" type="checkbox"/>   | Changes in the PoA-DD | Section(s): (part II), section B.5   | New version No.: 2.0    |
| <input type="checkbox"/>  | Changes in XLS        | Worksheet(s):  | New version No.:        |
| <input type="checkbox"/>  | Other:                |  |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                       |  | <b>Date:</b> 06/11/2016 |
| Generic CPA-DD version 2.0 (part II), section B.5   |                       |  |                         |
| 1.The proposed threshold and hence, the evidence is not as per the methodological tool  |                       |  |                         |
| 2.The target group is now consistent with the applied methodology – type III consumer   |                       |  |                         |
| <b>CME response (2nd round)</b>   |                       |  | <b>Date:</b> 30/11/2016 |
| 1.Debundling threshold has been revised and other comments addressed.   |                       |  |                         |
| <b>Documentation provided by CME</b>  |                       |  |                         |
| <input checked="" type="checkbox"/>   | Changes in the PoA-DD | Section(s): (part II), section B.5   | New version No.: 3.0    |
| <input type="checkbox"/>  | Changes in XLS        | Worksheet(s):  | New version No.:        |
| <input type="checkbox"/>  | Other:                |  |                         |
| <b>DOE assessment (2nd round)</b>   |                       |  | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 3.0 (part II), section B.5   |                       |  |                         |
| 1.De-bundling EC has been revised in line with the tool   |                       |  |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>   |                       | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |

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|---|-----------------------|--------------------|----------------------|-------------------------|
| <b>CAR ID</b>   | 23                    | <b>Section no.</b> | B.6.1                | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>   |                       |                    |                      |                         |
| Draft generic CPA-DD version 1.0 (part II), section B.6.1   |                       |                    |                      |                         |
| Section not completed as per template guidelines  |                       |                    |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |                       |                    |                      | <b>Date:</b> 19/10/2016 |
| Equations have been added to show the methodological choices for calculation of emission reductions.  |                       |                    |                      |                         |
| <b>Documentation provided by CME</b>  |                       |                    |                      |                         |
| <input checked="" type="checkbox"/>   | Changes in the PoA-DD | Section(s): B.6.1  | New version No.: 2.0 |                         |
| <input type="checkbox"/>  | Changes in XLS        | Worksheet(s):      | New version No.:     |                         |
| <input type="checkbox"/>  | Other:                |                    |                      |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                       |                    |                      | <b>Date:</b> 06/11/2016 |
| Generic CPA-DD version 2.0 (part II), section B.6.1   |                       |                    |                      |                         |
| The following is observed   |                       |                    |                      |                         |
| 1.BE <sub>T3,y</sub> is not defined   |                       |                    |                      |                         |
| 2.PE <sub>IS,y</sub> defined as 0 is is not correct (§37 and §39 of methodology). The same shall be corrected and relevant equations included |                       |                    |                      |                         |
| 3.For Leakage Emissions (LE <sub>y</sub> ), individual components of the equation are not defined in line with §45 of AM0045_ver03.0          |                       |                    |                      |                         |
| 4.For Emission Reductions (ER <sub>y</sub> ), individual components of the equation are not defined   |                       |                    |                      |                         |
| <b>CME response (2nd round)</b>   |                       |                    |                      | <b>Date:</b> 30/11/2016 |

- 1.BET3,y has been defined
- 2.PEIS,y is equal to 0. An explanation has been added, i.e. there are no individual RE systems in the project scenario
- 3.Leakage emissions has had the individual components defined
- 4.Emission reductions equation has had the individual components defined

|   |                   |  |                         |
|---|-------------------|--|-------------------------|
| <b>Documentation provided by CME</b>                      |                   |  |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD | Section(s): B.6.1 | New version No.: 3.0   |                         |
| <input type="checkbox"/> Changes in XLS                   | Worksheet(s):     | New version No.:   |                         |
| <input type="checkbox"/> Other:                           |                   |  |                         |
| <b>DOE assessment (2nd round)</b>                         |                   |  | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 3.0 (part II), section B.6.1       |                   |  |                         |
| All corrections have been checked and confirmed corrected |                   |  |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i> |                   | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |

|   |                                      |  |                      |                         |
|---|--------------------------------------|--|----------------------|-------------------------|
| <b>CAR ID</b>   | 24                                   | <b>Section no.</b>   | B.6.2                | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>   |                                      |  |                      |                         |
| Draft generic CPA-DD version 2.0 (part II), section B.6.2   |                                      |  |                      |                         |
| Section not fully completed   |                                      |  |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |                                      |  |                      | <b>Date:</b> 19/10/2016 |
| Response added in PoA-DD. Please clarify the explanation that should be given. Previous PoAs have been registered with identical language.  |                                      |  |                      |                         |
| <b>Documentation provided by CME</b>  |                                      |  |                      |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): (part II), section B.6.2 |  | New version No.: 3.0 |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):                        |  | New version No.:     |                         |
| <input type="checkbox"/> Other:   |                                      |  |                      |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                                      |  |                      | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 3.0 (part II), section B.6.2   |                                      |  |                      |                         |
| The CME has chosen to submit the monitoring plan for the proposed PoA/CPA later in line with §62/63 of the CDM Project Standard version 09.0. However, this does not apply to fixed parameters and therefore it is unclear why this section has been left blank |                                      |  |                      |                         |
| <b>CME response (2nd round)</b>   |                                      |  |                      | <b>Date:</b> 25/04/2017 |
| Parameters fixed ex-ante have been added into section B.6.2   |                                      |  |                      |                         |
| <b>Documentation provided by CME</b>  |                                      |  |                      |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): (part II), section I.6.2 |  | New version No.: 4.0 |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):                        |  | New version No.:     |                         |
| <input type="checkbox"/> Other:   |                                      |  |                      |                         |
| <b>DOE assessment (2nd round)</b>   |                                      |  |                      | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 4.0 (part II), section I.6.2 (new PoA-DD template)   |                                      |  |                      |                         |
| Added and assessed to be correct  |                                      |  |                      |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>   |                                      | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                      |                         |

|   |                                      |                    |                      |                         |
|---|--------------------------------------|--------------------|----------------------|-------------------------|
| <b>CAR ID</b>   | 25                                   | <b>Section no.</b> | B.6.3                | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>   |                                      |                    |                      |                         |
| Draft generic CPA-DD version 1.0 (part II), section B.6.3         |                                      |                    |                      |                         |
| Section not fully completed as per template guidelines            |                                      |                    |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>                        |                                      |                    |                      | <b>Date:</b> 19/10/2016 |
| Sample calculation has been added as per the template guidelines. |                                      |                    |                      |                         |
| <b>Documentation provided by CME</b>                              |                                      |                    |                      |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD         | Section(s): (part II), section B.6.3 |                    | New version No.: 2.0 |                         |
| <input type="checkbox"/> Changes in XLS                           | Worksheet(s):                        |                    | New version No.:     |                         |

|   |  |                      |                         |
|---|--|----------------------|-------------------------|
| <input type="checkbox"/> Other:   |  |                      |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |  |                      | <b>Date:</b> 06/11/2016 |
| Generic CPA-DD version 2.0 (part II), section B.6.3   |  |                      |                         |
| Sample calculations have been included. Nonetheless,  |  |                      |                         |
| 1.How the 2,000 kWh has been arrived at, considering §23 of the applied methodology<br>2.The default emission factor of the mini-grid is not correctly referenced<br>3.Unclear how the 5% assumed diesel mini-grid generation is accounted for  |  |                      |                         |
| <b>CME response (2nd round)</b>   |  |                      | <b>Date:</b> 30/11/2016 |
| 1.Information to fulfil paragraph 23 of the methodology is still pending<br>2.Clarity has been added regarding the default emission factor<br>3.Information to support 5% diesel generation is still pending  |  |                      |                         |
| <b>Documentation provided by CME</b>  |  |                      |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): (part II), section B.6.3   | New version No.: 3.0 |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):  | New version No.:     |                         |
| <input type="checkbox"/> Other:   |  |                      |                         |
| <b>DOE assessment (2nd round)</b>   |  |                      | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 3.0 (part II), section B.6.3   |  |                      |                         |
| 1.The assumed 2,000 kWh is accepted for validation purpose. However, each specific CPA-DD shall include the required data<br>2.The basis of emission factor of the mini-grid assumed to be 0.045 tCO <sub>2</sub> /MWh remains unclear<br>3. The assumed 5% diesel generation is accepted for validation purpose. However, each specific CPA-DD shall include the required data |  |                      |                         |
| <b>CME response (3rd round)</b>   |  |                      | <b>Date:</b> 23/07/2017 |
| 2. The emission factor has been explained further in the document.  |  |                      |                         |
| <b>Documentation provided by CME</b>  |  |                      |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): (part II), section B.6.3   | New version No.: 3.0 |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):  | New version No.:     |                         |
| <input type="checkbox"/> Other:   |  |                      |                         |
| <b>DOE assessment (3rd round)</b>   |  |                      | <b>Date:</b> 25/07/2017 |
| Generic CPA-DD version 3.0 (part II), section B.6.3   |  |                      |                         |
| OK emission factor properly detailed  |  |                      |                         |
| <b>Conclusion</b><br>Tick the appropriate checkbox  | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                      |                         |

|  |                                     |                      |     |                         |
|--|-------------------------------------|----------------------|-----|-------------------------|
| <b>CAR</b>   | 26                                  | <b>Section no.</b>   | B.2 | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>  |                                     |                      |     |                         |
| Draft generic CPA-DD version 1.0 (part III), Section B.2   |                                     |                      |     |                         |
| 1.Section not completed as per template guidelines (points 1 through 4). For point 1 of the template, consider applicability conditions specified in the methodology (§2-8)<br>2.Please clarify the 'CDM unit level' possible under this CPA |                                     |                      |     |                         |
| <b>CME response (1<sup>st</sup> round)</b>   |                                     |                      |     | <b>Date:</b> 19/10/2016 |
| 1. Section has been revised to cover paragraphs 2-8 of the methodology<br>2. Reference to CDM Unit level has been removed.   |                                     |                      |     |                         |
| <b>Documentation provided by CME</b>   |                                     |                      |     |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD  | Section(s): (part III), Section B.2 | New version No.: 2.0 |     |                         |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s):                       | New version No.:     |     |                         |
| <input type="checkbox"/> Other:  |                                     |                      |     |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>   |                                     |                      |     | <b>Date:</b> 06/11/2016 |

|  |  |
|--|--|
| CPA-DD version 2.0 (part III), Section B.2   |  |
| 1. Section has been revised with all applicability conditions of the applied methodology<br>2. Reference to CDM Unit level has been removed. |  |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>  | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |

|  |                       |  |     |                      |              |
|--|-----------------------|--|-----|----------------------|--------------|
| <b>CAR ID</b>  | 27                    | <b>Section no.</b>   | B.3 | <b>Date:</b>         | 23/09/2016   |
| <b>Description of CAR</b>  |                       |  |     |                      |              |
| Draft generic CPA-DD version 1.0 (part III), Section B.3             |                       |  |     |                      |              |
| The sources and GHGs for BE/PE included in each generic CPA boundary |                       |  |     |                      |              |
| <b>CME response (1<sup>st</sup> round)</b>                           |                       |  |     |                      | <b>Date:</b> |
| Graphic and CPA boundary, BE/PE have been revised.                   |                       |  |     |                      |              |
| <b>Documentation provided by CME</b>                                 |                       |  |     |                      |              |
| <input checked="" type="checkbox"/>                                  | Changes in the PoA-DD | Section(s): (part III), Section B.3  |     | New version No.: 2.0 |              |
| <input type="checkbox"/>   | Changes in XLS        | Worksheet(s):  |     | New version No.:     |              |
| <input type="checkbox"/>   | Other:                |  |     |                      |              |
| <b>DOE assessment (1<sup>st</sup> round)</b>                         |                       |  |     |                      | <b>Date:</b> |
| Generic CPA-DD version 2.0 (part III), Section B.3                   |                       |  |     |                      |              |
| Not corrected  |                       |  |     |                      |              |
| <b>CME response (2nd round)</b>                                      |                       |  |     |                      | <b>Date:</b> |
| Revisions made as per comments in version 1                          |                       |  |     |                      |              |
| <b>Documentation provided by CME</b>                                 |                       |  |     |                      |              |
| <input checked="" type="checkbox"/>                                  | Changes in the PoA-DD | Section(s): (part III), Section B.3  |     | New version No.: 3.0 |              |
| <input type="checkbox"/>   | Changes in XLS        | Worksheet(s):  |     | New version No.:     |              |
| <input type="checkbox"/>   | Other:                |  |     |                      |              |
| <b>DOE assessment (2nd round)</b>                                    |                       |  |     |                      | <b>Date:</b> |
| Generic CPA-DD version 1.0 (part III), Section B.3                   |                       |  |     |                      |              |
| Sources and GHGs have been included for BE                           |                       |  |     |                      |              |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>            |                       | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |     |                      |              |

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|--|-----------------------|-------------------------------------|-----|----------------------|--------------|
| <b>CAR ID</b>  | 28                    | <b>Section no.</b>                  | B.4 | <b>Date:</b>         | 23/09/2016   |
| <b>Description of CAR</b>  |                       |                                     |     |                      |              |
| Draft generic CPA-DD version 1.0 (part III), section B.4   |                       |                                     |     |                      |              |
| 1. Section not completed as per template guidelines<br>2. Start by defining the baseline scenario for type 2 CPA project, keeping in mind the baseline definitions of the applied methodology as well as type of consumer as per §20 of the meth. Inserting default values from the meth does not define the baselines |                       |                                     |     |                      |              |
| <b>CME response (1<sup>st</sup> round)</b>   |                       |                                     |     |                      | <b>Date:</b> |
| 1. Template has been revised<br>2. Baseline scenario and baseline default factors have been provided along with the definition of the baseline and evidence.   |                       |                                     |     |                      |              |
| <b>Documentation provided by CME</b>   |                       |                                     |     |                      |              |
| <input checked="" type="checkbox"/>  | Changes in the PoA-DD | Section(s): (part III), section B.4 |     | New version No.: 2.0 |              |
| <input type="checkbox"/>   | Changes in XLS        | Worksheet(s):                       |     | New version No.:     |              |
| <input type="checkbox"/>   | Other:                |                                     |     |                      |              |
| <b>DOE assessment (1<sup>st</sup> round)</b>   |                       |                                     |     |                      | <b>Date:</b> |
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| Generic CPA-DD version 2.0 (part III), section B.4   |                       |  |                         |
| 1. Section not completed as per template guidelines<br>2. The baseline scenario shall be supported by documentary evidences furnished to the DOE, or via survey report(s), in line with §8 a) of the applied methodology. Point 2 of the generic CPA-DD template shall be adhered to |                       |  |                         |
| <b>CME response (2nd round)</b>  |                       |  | <b>Date:</b> 30/11/2016 |
| 1. Upon review of the generic CPA-DD template, the comments in V1, and V2 it is unclear what should be changed here<br>2. Further text has been added to explain the logic in the methodology  |                       |  |                         |
| <b>Documentation provided by CME</b>   |                       |  |                         |
| <input checked="" type="checkbox"/>  | Changes in the PoA-DD | Section(s): (part III), section B.4  | New version No.: 3.0    |
| <input type="checkbox"/>   | Changes in XLS        | Worksheet(s):  | New version No.:        |
| <input type="checkbox"/>   | Other:                |  |                         |
| <b>DOE assessment (2nd round)</b>  |                       |  | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 3.0 (part III), section B.4   |                       |  |                         |
| 1. Section now completed as per template guidelines  |                       |  |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>  |                       | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |

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| <b>CAR ID</b>  | 29                    | <b>Section no.</b>   | B.6.3                | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>                                  |                       |  |                      |                         |
| Draft generic CPA-DD version 1.0 (part III), section B.6.3 |                       |  |                      |                         |
| Section not fully completed as per template guidelines     |                       |  |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>                 |                       |  |                      | <b>Date:</b> 19/10/2016 |
| Sample Calculation Added                                   |                       |  |                      |                         |
| <b>Documentation provided by CME</b>                       |                       |  |                      |                         |
| <input checked="" type="checkbox"/>                        | Changes in the PoA-DD | Section(s): (part III), section B.6.3  | New version No.: 2.0 |                         |
| <input type="checkbox"/>                                   | Changes in XLS        | Worksheet(s):  | New version No.:     |                         |
| <input type="checkbox"/>                                   | Other:                |  |                      |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>               |                       |  |                      | <b>Date:</b> 06/11/2016 |
| Generic CPA-DD version 2.0 (part III), section B.6.3       |                       |  |                      |                         |
| Section fully completed as per template guidelines         |                       |  |                      |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>  |                       | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                      |                         |

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| <b>CAR ID</b>   | 30                    | <b>Section no.</b>                 | B.1                  | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>   |                       |                                    |                      |                         |
| Draft generic CPA-DD version 1.0 (part IV), Section B.1   |                       |                                    |                      |                         |
| 1. Section not completed as per template guidelines<br>2. Tool to calculate the emission factor for an electricity system Version is not valid<br>3. The title for the sampling standard and version are not correct<br>4. The CME shall clarify the relevance of the methodology AM0104 & AM0045 |                       |                                    |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |                       |                                    |                      | <b>Date:</b> 19/10/2016 |
| 1. Section has been updated as per template<br>2. Tool to calculate emission factor revised to version 5<br>3. Title for sampling standard revised<br>4. Am0104 and Am0045 have been removed.   |                       |                                    |                      |                         |
| <b>Documentation provided by CME</b>  |                       |                                    |                      |                         |
| <input checked="" type="checkbox"/>   | Changes in the PoA-DD | Section(s): (part IV), Section B.1 | New version No.: 2.0 |                         |
| <input type="checkbox"/>  | Changes in XLS        | Worksheet(s):                      | New version No.:     |                         |

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| <input type="checkbox"/> Other:  |                                    |  |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>   |                                    |  | <b>Date:</b> 06/11/2016 |
| Generic CPA-DD version 2.0 (part IV), Section B.1  |                                    |  |                         |
| 1. Section is now compliant with the template<br>2. Tool to calculate emission factor has been correctly revised to version 5<br>3. Title for sampling standard revised not revised<br>4. Methodology references AM0104 & AM0045 have been removed |                                    |  |                         |
| <b>CME response (1<sup>st</sup> round)</b>   |                                    |  | <b>Date:</b> 30/11/2016 |
| 3. Title for sampling has been fixed for CPA Type 2 but removed for the CPA Types 1, 3, and 4 as no sampling is done.  |                                    |  |                         |
| <b>Documentation provided by CME</b>   |                                    |  |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD  | Section(s): (part IV), Section B.1 | New version No.: 3.0   |                         |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s):                      | New version No.:   |                         |
| <input type="checkbox"/> Other:  |                                    |  |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>   |                                    |  | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 1.0 (part IV), Section B.1  |                                    |  |                         |
| No sampling shall be done in the monitoring plan, therefore, the sampling standard has been removed from section B.1   |                                    |  |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>  |                                    | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |

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| <b>CAR</b>  | 31                                 | <b>Section no.</b>   | B.2 | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>   |                                    |                      |     |                         |
| Draft generic CPA-DD version 1.0 (part IV), Section B.2   |                                    |                      |     |                         |
| 1. Section not completed as per template guidelines (points 1 through 4). For point 1 of the template, consider applicability conditions specified in the methodology (§2-8)<br>2. Please clarify the 'CDM unit level' possible under this CPA  |                                    |                      |     |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |                                    |                      |     | <b>Date:</b> 24/10/2016 |
| 1. Section completed as per template. Paragraphs 2-8 have been considered<br>2. CDM Unit level has been removed.  |                                    |                      |     |                         |
| <b>Documentation provided by CME</b>  |                                    |                      |     |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): (part IV), Section B.2 | New version No.:     |     |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):                      | New version No.:     |     |                         |
| <input type="checkbox"/> Other:   |                                    |                      |     |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                                    |                      |     | <b>Date:</b> 06/11/2016 |
| Generic CPA-DD version 2.0 (part IV), Section B.2   |                                    |                      |     |                         |
| 1. As per §3 of the applied methodology: <i>'It is also applicable in situations where a fraction of consumers that were supplied with electricity from a fossil based individual energy system or fossil fuel based mini-grid prior to the implementation of the project, are supplied with electricity from the project activity (e.g. moving from carbon intensive mini-grid to less carbon intensive grid or mini grid).'</i><br>2. §7: It is not explained or justified how projects involving the installation of hydro power plants with reservoirs will comply with the requirements prescribed under AMS-I.D<br>3. References to CDM unit level have been expunged |                                    |                      |     |                         |
| <b>CME response (2nd round)</b>   |                                    |                      |     | <b>Date:</b> 30/11/2016 |
| All items have been listed in tabular format.   |                                    |                      |     |                         |
| 1. Full statement has been added<br>2. Explanation of the requirements under AMS-I.D V18 have been explained  |                                    |                      |     |                         |
| <b>Documentation provided by CME</b>  |                                    |                      |     |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): (part IV), Section B.2 | New version No.: 3.0 |     |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):                      | New version No.:     |     |                         |
| <input type="checkbox"/> Other:   |                                    |                      |     |                         |

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| <b>DOE assessment (2nd round)</b>   |  | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 3.0 (part IV), Section B.2                         |  |                         |
| All applicability conditions have been included and justified accordingly |  |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>                 | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |

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|--|----|--------------------|-----|-------------------------|
| <b>CAR ID</b>  | 32 | <b>Section no.</b> | B.3 | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>  |    |                    |     |                         |
| Draft generic CPA-DD version 1.0 (part IV), Section B.3  |    |                    |     |                         |
| 1.The sources and GHGs for BE/PE included in each generic CPA boundary<br>2.Clarity the project emissions from a new individual renewable energy system (hydro). |    |                    |     |                         |

|   |                                    |                      |                         |
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| <b>CME response (1<sup>st</sup> round)</b>                |                                    |                      | <b>Date:</b> 24/10/2016 |
| Added revised diagram and included PE for hydro           |                                    |                      |                         |
| <b>Documentation provided by CME</b>                      |                                    |                      |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD | Section(s): (part IV), Section B.3 | New version No.: 2.0 |                         |
| <input type="checkbox"/> Changes in XLS                   | Worksheet(s):                      | New version No.:     |                         |
| <input type="checkbox"/> Other:                           |                                    |                      |                         |

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| <b>DOE assessment (1<sup>st</sup> round)</b>  |  |  | <b>Date:</b> 06/11/2016 |
| Generic CPA-DD version 2.0 (part IV), Section B.3   |  |  |                         |
| 1.The sources and GHGs for BE/PE included in each generic CPA boundary are missing<br>2.As per section A.1, ' <i>The purpose of the CPA is to provide access to electricity to households and SMEs in the CPA boundary not connected to a national or regional grid prior to the activity</i> '. Please clarify the project emissions from a new individual renewable energy system (hydro) indicated in the table and diagram. |  |  |                         |

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| <b>CME response (2nd round)</b>   |                                    |                      | <b>Date:</b> 30/11/2016 |
| 1.Sources have been labelled and explained in the table<br>2.Project emissions have been explained diagram and the diagram revised. |                                    |                      |                         |
| <b>Documentation provided by CME</b>  |                                    |                      |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): (part IV), Section B.3 | New version No.: 3.0 |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):                      | New version No.:     |                         |
| <input type="checkbox"/> Other:   |                                    |                      |                         |

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| <b>DOE assessment (2nd round)</b>  |  |  | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 3.0 (part IV), Section B.3  |  |  |                         |
| 1.The sources and GHGs for BE included in the generic CPA boundary are now added as baseline fossil fuel use<br>2.No project emissions are expected. This is revised correctly |  |  |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>  | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |  |                         |

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|---|----|--------------------|-----|-------------------------|
| <b>CAR ID</b>   | 33 | <b>Section no.</b> | B.4 | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>   |    |                    |     |                         |
| Draft generic CPA-DD version 1.0 (part IV), section B.4   |    |                    |     |                         |
| 1.Section not completed as per template guidelines<br>2.Start by defining the baseline scenario for type III CPA project, keeping in mind the baseline definition of the applied methodology as well as type of consumer as per §2 of the meth. Inserting default values from the meth does not define the baselines<br>3.Consider including all required information as per template |    |                    |     |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |    |                    |     | <b>Date:</b> 24/10/2016 |

1. Section revised to adhere to template.
2. Baseline scenario defined as per paragraph 2
3. All information included as per template

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| <b>Documentation provided by CME</b>  |                                    |  |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): (part IV), section B.4 | New version No.: 2.0   |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):                      | New version No.:   |                         |
| <input type="checkbox"/> Other:   |                                    |  |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                                    |  | <b>Date:</b> 06/11/2016 |
| Generic CPA-DD version 2.0 (part IV), section B.4   |                                    |  |                         |
| <ol style="list-style-type: none"> <li>1. Section now completed as per template guidelines</li> <li>2. The baseline for the consumer types I, II &amp; IV has been well defined</li> <li>3. All information included as per template</li> </ol> |                                    |  |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>   |                                    | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |

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| <b>CAR ID</b>   | 34                                 | <b>Section no.</b>   | B.5 | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>   |                                    |  |     |                         |
| Draft generic CPA-DD version 1.0 (part IV), section B.5   |                                    |  |     |                         |
| Each independent subsystem and/or isolated system shall be defined for additionality and de-bundling check purposes (Mini-grids and hybrid energy systems). Corrections should also be reflected in section B.2 of the PoA-DD |                                    |  |     |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |                                    |  |     | <b>Date:</b> 30/11/2016 |
| Definition of the independent sub-system has been added.  |                                    |  |     |                         |
| <b>Documentation provided by CME</b>  |                                    |  |     |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): (part IV), section B.5 | New version No.: 2.0   |     |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):                      | New version No.:   |     |                         |
| <input type="checkbox"/> Other:   |                                    |  |     |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                                    |  |     | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 3.0 (part IV), section B.5   |                                    |  |     |                         |
| Each independent subsystem (hydropower system) shall not exceed 5% of the SSC threshold (I.e, 3,000 tCO <sub>2</sub> e per annum).  |                                    |  |     |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>   |                                    | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |     |                         |

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|---|--------------------------------------|----------------------|-------|-------------------------|
| <b>CAR ID</b>   | 35                                   | <b>Section no.</b>   | B.6.1 | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>                                 |                                      |                      |       |                         |
| Draft generic CPA-DD version 1.0 (part IV), section B.6.1 |                                      |                      |       |                         |
| Section not completed as per template guidelines          |                                      |                      |       |                         |
| <b>CME response (1<sup>st</sup> round)</b>                |                                      |                      |       | <b>Date:</b> 24/10/2016 |
| Added equation for project emissions.                     |                                      |                      |       |                         |
| <b>Documentation provided by CME</b>                      |                                      |                      |       |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD | Section(s): (part IV), section B.6.1 | New version No.: 2.0 |       |                         |
| <input type="checkbox"/> Changes in XLS                   | Worksheet(s):                        | New version No.:     |       |                         |
| <input type="checkbox"/> Other:                           |                                      |                      |       |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>              |                                      |                      |       | <b>Date:</b> 06/11/2016 |

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|--|-----------------------|--|-------------------------|
| Generic CPA-DD version 2.0 (part IV), section B.6.1  |                       |  |                         |
| 1. Please clarify why $PE_{IS,y}$ is zero, considering the EC 1 in section B.5 of the generic CPA-DD, and table 5 in §37 as well as §39 of the meth<br>2. Clarify why $BE_{T3,y}$ is included in the equation 17<br>3. Baseline equations for each consumer type are not shown ( $BE_{T,x,y}$ )<br>4. Individual components of all equations indicated are not defined |                       |  |                         |
| <b>CME response (2nd round)</b>  |                       |  | <b>Date:</b> 30/11/2016 |
| 1. EC 1 has been revised. The project scenario has been clearly described as covering hydro powered mini grids.<br>2. $BE_{T3,y}$ has been removed<br>3. Individual components have been defined   |                       |  |                         |
| <b>Documentation provided by CME</b>   |                       |  |                         |
| <input checked="" type="checkbox"/>  | Changes in the PoA-DD | Section(s): (part IV), section B.6.1   | New version No.: 3.0    |
| <input type="checkbox"/>   | Changes in XLS        | Worksheet(s):  | New version No.:        |
| <input type="checkbox"/>   | Other:                |  |                         |
| <b>DOE assessment (2nd round)</b>  |                       |  | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 3.0 (part IV), section B.6.1  |                       |  |                         |
| 1. Eligibility criterion 1 has been revised. Reference to a hybrid system has been removed, therefore $PE_{IS,y}$ remains 0<br>2. $BE_{T3,y}$ has been removed<br>3. Individual components of each applied $PEG_{y,y}$ equation have not been defined as per the methodology   |                       |  |                         |
| <b>CME response (3rd round)</b>  |                       |  | <b>Date:</b> 25/04/2017 |
| Individual components have been added and $EStot,y$ has been defined   |                       |  |                         |
| <b>Documentation provided by CME</b>   |                       |  |                         |
| <input checked="" type="checkbox"/>  | Changes in the PoA-DD | Section(s): (part IV), section Q.6.3   | New version No.: 4.0    |
| <input type="checkbox"/>   | Changes in XLS        | Worksheet(s):  | New version No.:        |
| <input type="checkbox"/>   | Other:                |  |                         |
| <b>DOE assessment (3rd round)</b>  |                       |  | <b>Date:</b> 25/07/2017 |
| Generic CPA-DD version 4.0 (part IV), section Q.6.3  |                       |  |                         |
| OK as added  |                       |  |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>  |                       | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |

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| <b>CAR ID</b>   | 36                    | <b>Section no.</b>                   | B.6.2            | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>   |                       |                                      |                  |                         |
| Draft generic CPA-DD version 1.0 (part IV), section B.6.2             |                       |                                      |                  |                         |
| Section not completed as per template guidelines                      |                       |                                      |                  |                         |
| <b>CME response (1<sup>st</sup> round)</b>                            |                       |                                      |                  | <b>Date:</b> 24/10/2016 |
| Section filled as with CPA Type 1. Not sure what needs to be revised. |                       |                                      |                  |                         |
| <b>Documentation provided by CME</b>                                  |                       |                                      |                  |                         |
| <input checked="" type="checkbox"/>                                   | Changes in the PoA-DD | Section(s): (part IV), section B.6.2 | New version No.: |                         |
| <input type="checkbox"/>  | Changes in XLS        | Worksheet(s):                        | New version No.: |                         |
| <input type="checkbox"/>  | Other:                |                                      |                  |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>                          |                       |                                      |                  | <b>Date:</b> 06/11/2016 |
| Generic CPA-DD version 2.0 (part IV), section B.6.2                   |                       |                                      |                  |                         |
| Please explain with text why there are no fixed parameters            |                       |                                      |                  |                         |
| <b>CME response (2nd round)</b>                                       |                       |                                      |                  | <b>Date:</b> 30/11/2016 |
| Response as per the same CAR for section B.6.2 in CPA Type 1          |                       |                                      |                  |                         |
| <b>Documentation provided by CME</b>                                  |                       |                                      |                  |                         |
| <input checked="" type="checkbox"/>                                   | Changes in the PoA-DD | Section(s): (part IV), section B.6.2 | New version No.: |                         |

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| <input type="checkbox"/> Changes in XLS   | Worksheet(s):  | New version No.:        |
| <input type="checkbox"/> Other:   |  |                         |
| <b>DOE assessment (2nd round)</b>   |  | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 3.0 (part II), section B.6.2   |  |                         |
| The CME has chosen to submit the monitoring plan for the proposed PoA/CPA later in line with §62/63 of the CDM Project Standard version 09.0. However, this does not apply to fixed parameters and therefore it is unclear why this section has been left blank |  |                         |
| <b>CME response (3rd round)</b>   |  | <b>Date:</b> 25/04/2017 |
| Fixed parameters have been added.   |  |                         |
| <b>Documentation provided by CME</b>  |  |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): (part IV), section Q.6.2   | New version No.: 4.0    |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):  | New version No.:        |
| <input type="checkbox"/> Other:   |  |                         |
| <b>DOE assessment (3rd round)</b>   |  | <b>Date:</b> 25/07/2017 |
| Generic CPA-DD version 4.0 (part II), section Q.6.2   |  |                         |
| All fixed parameters relevant to the generic CPA-DD have been included  |  |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>   | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |

|  |                                      |                    |                      |                         |
|--|--------------------------------------|--------------------|----------------------|-------------------------|
| <b>CAR ID</b>  | 37                                   | <b>Section no.</b> | B.6.3                | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>  |                                      |                    |                      |                         |
| Draft generic CPA-DD version 1.0 (part IV), section B.6.3  |                                      |                    |                      |                         |
| 1. Section not completed as per template guidelines<br>2. The generic CPA-DD shall prescribe how the baseline values are determined (step 2 of meth) for each consumer type  |                                      |                    |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>   |                                      |                    |                      | <b>Date:</b> 24/10/2016 |
| 1. Sample calculation added.<br>2. Statement on baseline values added.   |                                      |                    |                      |                         |
| <b>Documentation provided by CME</b>   |                                      |                    |                      |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD  | Section(s): (part IV), section B.6.3 |                    | New version No.: 2.0 |                         |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s):                        |                    | New version No.:     |                         |
| <input type="checkbox"/> Other:  |                                      |                    |                      |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>   |                                      |                    |                      | <b>Date:</b> 06/11/2016 |
| Generic CPA-DD version 2.0 (part IV), section B.6.3  |                                      |                    |                      |                         |
| 1. Sample calculations for all consumer types are not correct<br>2. Individual components of equations 4 (PEG,y) and 23 (Ley) are not defined<br>3. Project emission component for the hybrid system ( $PE_{IS,y}$ ) is not included |                                      |                    |                      |                         |
| <b>CME response (2nd round)</b>  |                                      |                    |                      | <b>Date:</b> 30/11/2016 |
| 1. Calculations revised and explained. Supporting evidence is still pending.<br>2. Individual components have been defined<br>3. Project emissions have been explained   |                                      |                    |                      |                         |
| <b>Documentation provided by CME</b>   |                                      |                    |                      |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD  | Section(s):                          |                    | New version No.: 3.0 |                         |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s):                        |                    | New version No.:     |                         |
| <input type="checkbox"/> Other:  |                                      |                    |                      |                         |
| <b>DOE assessment (2nd round)</b>  |                                      |                    |                      | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 3.0 (part IV), section B.6.3  |                                      |                    |                      |                         |
| 1. Evidences still pending.<br>2. Individual components have been defined as per the applied methodology<br>3. Project emissions have been explained. $PE_{IS,y}$ is defined as 0 in this case                                       |                                      |                    |                      |                         |

|   |  |
|---|--|
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i> | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |
|---|--|

|  |  |                                   |                      |                         |
|--|--|-----------------------------------|----------------------|-------------------------|
| <b>CAR ID</b>  | 38   | <b>Section no.</b>                | A.1                  | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>  |  |                                   |                      |                         |
| Draft generic CPA-DD version 1.0 (part V), Section A.1   |  |                                   |                      |                         |
| 1. Section not completed as per template guidelines  |  |                                   |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>   |  |                                   |                      | <b>Date:</b> 19/10/2016 |
| 1. Not clear what should be changed to adhere to guidelines  |  |                                   |                      |                         |
| <b>Documentation provided by CME</b>   |  |                                   |                      |                         |
| <input checked="" type="checkbox"/>  | Changes in the PoA-DD  | Section(s): (part V), Section A.1 | New version No.: 2.0 |                         |
| <input type="checkbox"/>   | Changes in XLS   | Worksheet(s):                     | New version No.:     |                         |
| <input type="checkbox"/>   | Other:   |                                   |                      |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>   |  |                                   |                      | <b>Date:</b> 06/11/2016 |
| Generic CPA-DD version 2.0 (part V), Section A.1   |  |                                   |                      |                         |
| A lot of redundant information belonging to other sections of the gCPA-DD are still included. Nonetheless, the finding is closed |  |                                   |                      |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>  | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                                   |                      |                         |

|   |  |                                   |                      |                         |
|---|--|-----------------------------------|----------------------|-------------------------|
| <b>CAR ID</b>   | 39   | <b>Section no.</b>                | B.1                  | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>   |  |                                   |                      |                         |
| Draft generic CPA-DD version 1.0 (part V), Section B.1  |  |                                   |                      |                         |
| 1. Tool to calculate the emission factor for an electricity system version is not valid                       |  |                                   |                      |                         |
| 2. The title for the sampling standard and version are not correct  |  |                                   |                      |                         |
| 3. The CME shall clarify the relevance of the methodology AM0104  |  |                                   |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |  |                                   |                      | <b>Date:</b> 24/10/2016 |
| 1. Tool to calculate emission factor revised to version 5   |  |                                   |                      |                         |
| 2. Title for sampling standard revised  |  |                                   |                      |                         |
| 3. AM0104 has been removed.   |  |                                   |                      |                         |
| <b>Documentation provided by CME</b>  |  |                                   |                      |                         |
| <input checked="" type="checkbox"/>   | Changes in the PoA-DD  | Section(s): (part V), Section B.1 | New version No.: 2.0 |                         |
| <input type="checkbox"/>  | Changes in XLS   | Worksheet(s):                     | New version No.:     |                         |
| <input type="checkbox"/>  | Other:   |                                   |                      |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |  |                                   |                      | <b>Date:</b> 06/11/2016 |
| Draft generic CPA-DD version 2.0 (part V), Section B.1  |  |                                   |                      |                         |
| 1. The tool to calculate the emission factor for an electricity system version has been revised to the latest |  |                                   |                      |                         |
| 2. The title for the sampling standard and version are not correct  |  |                                   |                      |                         |
| 3. The reference methodology AM0104 has been deleted  |  |                                   |                      |                         |
| <b>CME response (2nd round)</b>   |  |                                   |                      | <b>Date:</b> 30/11/2016 |
| 2. Tool for sampling has been removed as it only applied to CPA Type 2  |  |                                   |                      |                         |
| <b>Documentation provided by CME</b>  |  |                                   |                      |                         |
| <input checked="" type="checkbox"/>   | Changes in the PoA-DD  | Section(s): (part V), Section B.1 | New version No.: 3.0 |                         |
| <input type="checkbox"/>  | Changes in XLS   | Worksheet(s):                     | New version No.:     |                         |
| <input type="checkbox"/>  | Other:   |                                   |                      |                         |
| <b>DOE assessment (2nd round)</b>   |  |                                   |                      | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 3.0 (part V), Section B.1  |  |                                   |                      |                         |
| 2. No sampling will be involved hence the sampling standard has been omitted for this CPA type                |  |                                   |                      |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>   | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                                   |                      |                         |

|   |                       |  |                      |                         |
|---|-----------------------|--|----------------------|-------------------------|
| <b>CAR</b>  | 40                    | <b>Section no.</b>   | B.2                  | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>   |                       |  |                      |                         |
| Draft generic CPA-DD version 1.0 (part V), Section B.2  |                       |  |                      |                         |
| Section not completed as per template guidelines (points 1 through 4). For point 1 of the template, consider applicability conditions specified in the methodology (§2-8) |                       |  |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |                       |  |                      | <b>Date:</b> 24/10/2016 |
| Section revised to be completed as per template (points 1-4 and paragraphs 2-8)   |                       |  |                      |                         |
| <b>Documentation provided by CME</b>  |                       |  |                      |                         |
| <input checked="" type="checkbox"/>   | Changes in the PoA-DD | Section(s): (part V), Section B.2  | New version No.: 2.0 |                         |
| <input type="checkbox"/>  | Changes in XLS        | Worksheet(s):  | New version No.:     |                         |
| <input type="checkbox"/>  | Other:                |  |                      |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                       |  |                      | <b>Date:</b> 06/11/2016 |
| Generic CPA-DD version 2.0 (part V), Section B.2  |                       |  |                      |                         |
| All applicability conditions have been included and justified   |                       |  |                      |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>   |                       | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                      |                         |

|  |                       |  |                      |                         |
|--|-----------------------|--|----------------------|-------------------------|
| <b>CAR ID</b>  | 41                    | <b>Section no.</b>   | B.3                  | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>  |                       |  |                      |                         |
| Draft generic CPA-DD version 1.0 (part V), Section B.3   |                       |  |                      |                         |
| 1.The sources and GHGs for BE/PE included in each generic CPA boundary not explained<br>2.Clarity the project emissions from grid extension                                      |                       |  |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>   |                       |  |                      | <b>Date:</b> 24/10/2016 |
| 1.Added PE and BE emission sources<br>2.Added project emissions  |                       |  |                      |                         |
| <b>Documentation provided by CME</b>   |                       |  |                      |                         |
| <input checked="" type="checkbox"/>  | Changes in the PoA-DD | Section(s): (part V), Section B.3  | New version No.: 2.0 |                         |
| <input type="checkbox"/>   | Changes in XLS        | Worksheet(s):  | New version No.:     |                         |
| <input type="checkbox"/>   | Other:                |  |                      |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>   |                       |  |                      | <b>Date:</b> 06/11/2016 |
| Generic CPA-DD version 2.0 (part V), Section B.3   |                       |  |                      |                         |
| 1.The sources and GHGs for BE/PE included in each generic CPA boundary not explained<br>2.Clarity the project emissions from grid extension                                      |                       |  |                      |                         |
| <b>CME response (2nd round)</b>  |                       |  |                      | <b>Date:</b> 24/10/2016 |
| 1.Sources for BE and PE have been included<br>2.Project emissions have been renamed PE <sub>G,y</sub>  |                       |  |                      |                         |
| <b>Documentation provided by CME</b>   |                       |  |                      |                         |
| <input checked="" type="checkbox"/>  | Changes in the PoA-DD | Section(s): (part V), Section B.3  | New version No.: 3.0 |                         |
| <input type="checkbox"/>   | Changes in XLS        | Worksheet(s):  | New version No.:     |                         |
| <input type="checkbox"/>   | Other:                |  |                      |                         |
| <b>DOE assessment (2nd round)</b>  |                       |  |                      | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 3.0 (part V), Section B.3   |                       |  |                      |                         |
| 1.The sources and GHGs for BE/PE included in each generic CPA boundary now explained<br>2.Project emissions have been defined as national or grid emissions from fossil fuel mix |                       |  |                      |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>  |                       | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                      |                         |

|                           |    |                    |     |                         |
|---------------------------|----|--------------------|-----|-------------------------|
| <b>CAR ID</b>             | 42 | <b>Section no.</b> | B.4 | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b> |    |                    |     |                         |



|   |                                   |  |                         |
|---|-----------------------------------|--|-------------------------|
| Draft generic CPA-DD version 1.0 (part V), section B.4  |                                   |  |                         |
| Section not completed as per template guidelines. Start by defining the baseline scenario for type IV CPA pre-project, keeping in mind the baseline definition of the applied methodology as well as type of consumer as per §2 of the meth. Inserting default values from the meth does not define the baseline for this particular CPA based on its specific target group |                                   |  |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |                                   |  | <b>Date:</b> 24/10/2016 |
| Section has been updated. The baseline for the different consumer types has been defined  |                                   |  |                         |
| <b>Documentation provided by CME</b>  |                                   |  |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): (part V), section B.4 |  | New version No.: 2.0    |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):                     |  | New version No.:        |
| <input type="checkbox"/> Other:   |                                   |  |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                                   |  | <b>Date:</b> 06/11/2016 |
| Generic CPA-DD version 2.0 (part V), section B.4  |                                   |  |                         |
| Section B.4 of the generic CPA now contains the identification and description of the baseline scenarios for the proposed CPA in accordance with §20-22 of the applied methodology. It has been determined that all consumer types are included in the baseline, and therefore, all the baseline default parameters are included accordingly                                |                                   |  |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>   |                                   | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |

|  |                                   |  |                      |                         |
|--|-----------------------------------|--|----------------------|-------------------------|
| <b>CAR ID</b>  | 43                                | <b>Section no.</b>   | B.5                  | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>  |                                   |  |                      |                         |
| Draft generic CPA-DD version 1.0 (part V), section B.5   |                                   |  |                      |                         |
| PP shall define the 'isolated units' in the Additionality EC (3), as well as the independent subsystem in the debundling EC (5) for the purpose of justifying the same in line with the two applicable tools |                                   |  |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>   |                                   |  |                      | <b>Date:</b> 30/11/2016 |
| Isolated units has been defined for both additionality and debundling  |                                   |  |                      |                         |
| <b>Documentation provided by CME</b>   |                                   |  |                      |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD  | Section(s): (part V), section B.5 |  | New version No.: 2.0 |                         |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s):                     |  | New version No.:     |                         |
| <input type="checkbox"/> Other:  |                                   |  |                      |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>   |                                   |  |                      | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 2.0 (part V), section B.5   |                                   |  |                      |                         |
| An Isolated unit in the context of this CPA type has not been defined correctly  |                                   |  |                      |                         |
| <b>CME response (2nd round)</b>  |                                   |  |                      | <b>Date:</b> 25/04/2017 |
| The definition has been revised as per the comments.   |                                   |  |                      |                         |
| <b>Documentation provided by CME</b>   |                                   |  |                      |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD  | Section(s): (part V), section B.5 |  | New version No.: 4.0 |                         |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s):                     |  | New version No.:     |                         |
| <input type="checkbox"/> Other:  |                                   |  |                      |                         |
| <b>DOE assessment (2nd round)</b>  |                                   |  |                      | <b>Date:</b> 02/08/2017 |
| Generic CPA-DD version 4.0 (part V), section B.5   |                                   |  |                      |                         |
| The CDM micro-scale unit is now defined as a single metered connection to the Household o SME with aggregate emission reductions not exceeding 20 ktCO <sub>2</sub> e  |                                   |  |                      |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>  |                                   | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                      |                         |

|  |    |                    |       |                         |
|--|----|--------------------|-------|-------------------------|
| <b>CAR ID</b>  | 44 | <b>Section no.</b> | B.6.1 | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>                                |    |                    |       |                         |
| Draft generic CPA-DD version 1.0 (part V), section B.6.1 |    |                    |       |                         |
| Section not completed as per template guidelines         |    |                    |       |                         |
| <b>CME response (1<sup>st</sup> round)</b>               |    |                    |       | <b>Date:</b> 24/10/2016 |
| Equations for project emissions have been added.         |    |                    |       |                         |

|  |                                     |  |                         |
|--|-------------------------------------|--|-------------------------|
| <b>Documentation provided by CME</b>   |                                     |  |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD  | Section(s): (part V), section B.6.1 | New version No.: 2.0   |                         |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s):                       | New version No.:   |                         |
| <input type="checkbox"/> Other:  |                                     |  |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>   |                                     |  | <b>Date:</b> 06/11/2016 |
| Generic CPA-DD version 2.0 (part V), section B.6.1   |                                     |  |                         |
| 1. Baseline equations for each consumer type are not shown ( $BE_{T,x,y}$ )<br>2. Individual components of all equations indicated are not defined<br>3. Equations are not properly numbered   |                                     |  |                         |
| <b>CME response (2nd round)</b>  |                                     |  | <b>Date:</b> 30/11/2016 |
| 1. Baseline equations for each consumer type are shown in section B.6.3, should these be repeated in both sections or only listed in section B.6.1?<br>2. Individual components from all equations are now defined<br>3. Equations have been properly numbered |                                     |  |                         |
| <b>Documentation provided by CME</b>   |                                     |  |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD  | Section(s): (part V), section B.6.1 | New version No.: 3.0   |                         |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s):                       | New version No.:   |                         |
| <input type="checkbox"/> Other:  |                                     |  |                         |
| <b>DOE assessment (2nd round)</b>  |                                     |  | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 3.0 (part V), section B.6.1   |                                     |  |                         |
| 1. Please consult the CDM-SSC-PoA-DD-FORM version 05.0 for information on what information is required in both sections<br>2. Individual components from all equations are now defined<br>3. Equations have been properly numbered                             |                                     |  |                         |
| <b>CME response (3rd round)</b>  |                                     |  | <b>Date:</b> 25/04/2017 |
| Equations defining $E_{Stot,y}$ have been added.   |                                     |  |                         |
| <b>Documentation provided by CME</b>   |                                     |  |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD  | Section(s): (part V), section U.6.1 | New version No.: 4.0   |                         |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s):                       | New version No.:   |                         |
| <input type="checkbox"/> Other:  |                                     |  |                         |
| <b>DOE assessment (3rd round)</b>  |                                     |  | <b>Date:</b> 25/07/2017 |
| Generic CPA-DD version 4.0 (part V), section U.6.1   |                                     |  |                         |
| Ok as added in line with the consumer types and equation 10 of the applied methodology   |                                     |  |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>  |                                     | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |

|  |                                     |                      |                         |                         |
|--|-------------------------------------|----------------------|-------------------------|-------------------------|
| <b>CAR ID</b>  | 45                                  | <b>Section no.</b>   | (part V), section B.6.2 | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>  |                                     |                      |                         |                         |
| Draft generic CPA-DD version 1.0 (part V), section B.6.2   |                                     |                      |                         |                         |
| Section not completed as per template guidelines   |                                     |                      |                         |                         |
| <b>CME response (1<sup>st</sup> round)</b>   |                                     |                      |                         | <b>Date:</b> 24/10/2016 |
| Unclear what should be revised in this section. No parameters, which are not default values are fixed ex ante. |                                     |                      |                         |                         |
| <b>Documentation provided by CME</b>   |                                     |                      |                         |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD  | Section(s): (part V), section B.6.2 | New version No.: 2.0 |                         |                         |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s):                       | New version No.:     |                         |                         |
| <input type="checkbox"/> Other:  |                                     |                      |                         |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>   |                                     |                      |                         | <b>Date:</b> 06/11/2016 |
| Generic CPA-DD version 2.0 (part V), section B.6.2   |                                     |                      |                         |                         |
| Please explain clarify why there are no fixed parameters at the time of validation                             |                                     |                      |                         |                         |
| <b>CME response (2nd round)</b>  |                                     |                      |                         | <b>Date:</b> 30/11/2016 |

|   |                                     |  |                         |
|---|-------------------------------------|--|-------------------------|
| Please see the same comment to this CAR from other sections.  |                                     |  |                         |
| <b>Documentation provided by CME</b>  |                                     |  |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): (part V), section B.6.2 | New version No.: 3.0   |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):                       | New version No.:   |                         |
| <input type="checkbox"/> Other:   |                                     |  |                         |
| <b>DOE assessment (2nd round)</b>   |                                     |  | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 3.0 (part V), section B.6.2  |                                     |  |                         |
| The CME has chosen to submit the monitoring plan for the proposed PoA/CPA later in line with §62/63 of the CDM Project Standard version 09.0. However, this does not apply to fixed parameters and therefore it is unclear why this section has been left blank |                                     |  |                         |
| <b>CME response (3rd round)</b>   |                                     |  | <b>Date:</b> 25/04/2017 |
| Ex-ante parameters have been added.   |                                     |  |                         |
| <b>Documentation provided by CME</b>  |                                     |  |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): (part V), section B.6.2 | New version No.: 4.0   |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):                       | New version No.:   |                         |
| <input type="checkbox"/> Other:   |                                     |  |                         |
| <b>DOE assessment (3rd round)</b>   |                                     |  | <b>Date:</b> 25/07/2017 |
| Generic CPA-DD version 4.0 (part V), section U.6.2  |                                     |  |                         |
| Fixed parameters are now added in line with the methodology and CPA requirements  |                                     |  |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>   |                                     | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |

|   |                                     |                      |       |                         |
|---|-------------------------------------|----------------------|-------|-------------------------|
| <b>CAR ID</b>   | 46                                  | <b>Section no.</b>   | B.6.3 | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>   |                                     |                      |       |                         |
| Draft generic CPA-DD version 1.0 (part V), section B.6.3  |                                     |                      |       |                         |
| 1. Section not completed as per template guidelines<br>2. The generic CPA-DD shall prescribe how the baseline values are determined for each consumer type<br>3. It is unclear why PE have been declared zero   |                                     |                      |       |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |                                     |                      |       | <b>Date:</b> 24/10/2016 |
| 1. Section has been updated to add sample calculation<br>2. Statement on baseline values has been added.<br>3. PE from individual systems is declared 0, as no individual systems will be active under the CPA. Only PE from the national or regional grid will be considered.  |                                     |                      |       |                         |
| <b>Documentation provided by CME</b>  |                                     |                      |       |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): (part V), section B.6.3 | New version No.: 2.0 |       |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):                       | New version No.:     |       |                         |
| <input type="checkbox"/> Other:   |                                     |                      |       |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                                     |                      |       | <b>Date:</b> 06/11/2016 |
| Generic CPA-DD version 2.0 (part V), section B.6.3  |                                     |                      |       |                         |
| 1. Sample calculations for each consumer type have been included<br>2. Please clarify the baseline emission factor of 0.9 tCO <sub>2</sub> /MWh for type II consumer<br>3. Please clarify the baseline emission factor of 0.9 tCO <sub>2</sub> /MWh for type III consumer<br>4. Please clarify the baseline emission factor of 0.9 tCO <sub>2</sub> /MWh for type IV consumer<br>5. PE <sub>IS,y</sub> is 0 is appropriately justified<br>6. However, A <sub>def</sub> and L <sub>c</sub> are not defined<br>7. Please clarify how §35-36 of the methodology have been considered |                                     |                      |       |                         |
| <b>CME response (2nd round)</b>   |                                     |                      |       | <b>Date:</b> 30/11/2016 |

|  |               |  |                         |
|--|---------------|--|-------------------------|
| Baseline emission factor for Type II revised to 1.0  |               |  |                         |
| Baseline emission factor for Type III kept at 0.9 for purposes of ex-ante calculations   |               |  |                         |
| Baseline emission factor for Type IV revised to 1.0  |               |  |                         |
| Adef and L are defined   |               |  |                         |
| It has been previously stated how leakage is handled and that for the sample calculation it is considered 0. A statement has been added stating that no energy generating equipment will be transferred from another activity. |               |  |                         |
| <b>Documentation provided by CME</b>   |               |  |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD  | Section(s):   | New version No.: 3.0   |                         |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s): | New version No.:   |                         |
| <input type="checkbox"/> Other:  |               |  |                         |
| <b>DOE assessment (2nd round)</b>  |               |  | <b>Date:</b> 20/03/2017 |
| Generic CPA-DD version 3.0 (part V), section B.6.3   |               |  |                         |
| 1.sample calculations of emission reductions are included with assumptions   |               |  |                         |
| 2.baseline emission factor of 1.0 tCO <sub>2</sub> /MWh correctly assigned for type II consumer  |               |  |                         |
| 3.baseline emission factor of 0.9 tCO <sub>2</sub> /MWh correctly assigned for type III consumer with load factor of between 135 and 200 kW for 24 hour service  |               |  |                         |
| 4.baseline emission factor of 1.0 tCO <sub>2</sub> /MWh correctly assigned for type IV consumer  |               |  |                         |
| Please clarify the value of 0.9 for TLp  |               |  |                         |
| <b>CME response (3rd round)</b>  |               |  | <b>Date:</b> 25/04/2017 |
| Value for TLp has been revised to 0.1  |               |  |                         |
| <b>Documentation provided by CME</b>   |               |  |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD  | Section(s):   | New version No.: 4.0   |                         |
| <input type="checkbox"/> Changes in XLS  | Worksheet(s): | New version No.:   |                         |
| <input type="checkbox"/> Other:  |               |  |                         |
| <b>DOE assessment (3rd round)</b>  |               |  | <b>Date:</b> 25/07/2017 |
| Generic CPA-DD version 4.0 (part V), section I.6.3   |               |  |                         |
| TL <sub>p</sub> value correctly changed to 0.1 in line with equation 10 of the applied methodology   |               |  |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>  |               | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                         |

|   |                        |  |                      |                         |
|---|------------------------|--|----------------------|-------------------------|
| <b>CAR ID</b>   | 47                     | <b>Section no.</b>   | Appendix 1           | <b>Date:</b> 23/09/2016 |
| <b>Description of CAR</b>   |                        |  |                      |                         |
| Draft PoA-DD version 1.0 Appendix 1   |                        |  |                      |                         |
| Not completed as per template guidelines – entity responsible for completing the PoA-DD is not included                       |                        |  |                      |                         |
| <b>CME response (1<sup>st</sup> round)</b>  |                        |  |                      | <b>Date:</b> 30/11/2016 |
| The World Bank entity has been marked as the entity responsible for completing the PoA-DD                                     |                        |  |                      |                         |
| <b>Documentation provided by CME</b>  |                        |  |                      |                         |
| <input checked="" type="checkbox"/> Changes in the PoA-DD   | Section(s): Appendix 1 |  | New version No.: 3.0 |                         |
| <input type="checkbox"/> Changes in XLS   | Worksheet(s):          |  | New version No.:     |                         |
| <input type="checkbox"/> Other:   |                        |  |                      |                         |
| <b>DOE assessment (1<sup>st</sup> round)</b>  |                        |  |                      | <b>Date:</b> 06/11/2016 |
| PoA-DD version 3.0, Appendix 1  |                        |  |                      |                         |
| Appendix 1 has been completed with information on all project entities and the entity responsible for completing the document |                        |  |                      |                         |
| <b>Conclusion</b><br><i>Tick the appropriate checkbox</i>   |                        | <input type="checkbox"/> Additional action should be taken (finding remains open)<br><input checked="" type="checkbox"/> The finding is closed |                      |                         |

Table 2. FAR from this validation

|               |    |                    |  |                         |
|---------------|----|--------------------|--|-------------------------|
| <b>FAR ID</b> | 01 | <b>Section no.</b> |  | <b>Date:</b> 02/08/2017 |
|---------------|----|--------------------|--|-------------------------|

|   |                         |
|---|-------------------------|
| <b>Description of FAR</b>   |                         |
| 1.A detailed monitoring plan will be provided by the CME before the first verification. |                         |
| <b>CME response</b>   | <b>Date:</b> DD/MM/YYYY |
| <b>Documentation provided by CME</b>  |                         |
| <b>DOE assessment</b>   | <b>Date:</b> DD/MM/YYYY |

### Document information

| <i>Version</i>   | <i>Date</i>      | <i>Description</i>  |
|--|------------------|---|
| 02.0   | 29 December 2017 | Revision to align with the requirements of the “CDM validation and verification standard for programme of activities” (version 01.0). |
| 01.0   | 4 May 2015       | Initial publication.  |
| Decision Class: Regulatory<br>Document Type: Form<br>Business Function: Registration<br>Keywords: programme of activities, validation report |                  |   |