


**Validation Report for
Programme of Activities Transition from CDM to GS4GG**

BASIC INFORMATION

Title of the programme of activities (PoA)	BioLite Improved Cook stoves Programme UNFCCC PoA Reference number: 7997 GS Reference number: GS11191
PoA Period Start Date	30/12/2012
Version number of the validation report	04
Completion date of the validation report	29/06/2022
Version number of PoA-DD to which this validation report applies	4.0, 21/06/2022
Coordinating/managing entity (CME)	BioLite India Private Limited
Host Parties	Kenya and Uganda
Applied methodologies and standardized baselines	AMS-II.G., version 03, 11.1 & 12, "Energy efficiency measures in thermal applications of non-renewable biomass"
Mandatory sectoral scopes	3: Energy demand
Transition Pathway	PoA seeking registration with GS4GG to issue GSVERs only and/or conversion of issued CERs to GSVERs
Transition Approval Procedure	PoA and all real case CPAs undergoing preliminary review by SustainCERT, validation by VVB and design review by SustainCERT
Activity Requirements applied	Community Services Activities Requirements Programme of Activity Requirements
Product Requirements applied	GHG Emissions Reduction & Sequestration Product Requirements
Target SDGs	SDG 5:- Gender Equality (5.4) SDG 7:- Affordable and Clean Energy (7.1) SDG 13:- Climate Action (13.2) SDG 15:- Life on Land (15.2)
Name and UNFCCC reference number of the VVB	E-0052: Carbon Check (India) Private Ltd.
Name, position and signature of the approver of the validation report	 Vikash Kumar Singh, Compliance Officer

SECTION A. Executive summary

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Purpose and general description

The CME, BioLite India Private Limited, has appointed the VVB, Carbon Check (India) Private Ltd. (CC IPL) to perform an independent validation for the transition of CDM PoA “BioLite Improved Cook stoves Programme” in Kenya and Uganda (hereafter referred to as “PoA”) to GS4GG.

The PoA involves replacement of less efficient baseline cooking stoves using woody biomass with efficient wood/charcoal cook stoves with single/multiple pans which are more efficient. This will result in reduction in usage of fuel (biomass) for cooking purpose which contributes to environmental sustainability and community development.

This report summarises the findings of the validation of the project, performed on the basis of relevant Gold Standard principle and requirements /B01/ and applicable UNFCCC guidance, as well as criteria given to provide for consistent project operations, monitoring and reporting and compliance with host country criteria and Gold Standard specific criteria. This report contains the findings and resolutions from the validation and a validation opinion thus confirming the project design as documented is sound and reasonable and meets the stated requirements and identified criteria.

Objective

The purpose of validation is to have a thorough and independent assessment of the proposed project activity against the applicable GS4GG requirements /B01/, CDM requirements, in particular, the project's baseline, monitoring plan and the project's compliance with relevant Gold Standard requirements and host Party criteria. Gold Standard specific conditions are also validated to confirm that the project design (as documented) is complete, reasonable and meets the stated requirements and identified criteria. Validation is seen as necessary to provide assurance to stakeholders about the quality of the project and its proposed generation of verified emission reductions (VERs).

Scope

The validation scope is defined as an independent and objective review of the programme of activity design document (PoA DD) /05/. The PoA DD /05/ is reviewed against the relevant Gold Standard criteria and applicable decisions by the CDM Executive Board, including the approved baseline and monitoring methodology. The validation team has, based on the recommendations in the Validation and Verification Standard and GS4GG requirements employed a rule-based approach, focusing on the identification of significant risks for project implementation and the generation of GS VERs.

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

While carrying out the validation, CC IPL determines if the project activity complies with the requirements of Gold Standard, specifically the applicability conditions of the selected methodology and also assesses the claims and assumptions made in the PoA DD /05/ without limitation on the information provided by the project participants.

The report is based on the assessment of the PoA-DD /01/ /05/ undertaken through application of standard auditing techniques including but not limited to document reviews, remote interviews, and

stakeholder interviews, review of the applicable/applied methodology and its underlying formulae and calculations.

This report contains the findings and resolutions from the validation and a validation opinion on the proposed PoA thus confirming the project design as documented is sound and reasonable and meets the stated requirements and identified criteria.

Conclusion

CC IPL is of the opinion that the PoA “BioLite Improved Cook stoves Programme” as described in the PoA TRF and KPID /05-b/ meets all relevant requirements of GS4GG, meets host country criteria and has correctly applied the methodology AMS II.G /B03/. Therefore, CC IPL recommends to GS4GG for registration of the PoA.

SECTION B. Validation team, technical reviewer and approver

B.1. Validation team, technical reviewer and approver

Carbon Check (India) Private Ltd. has appointed a competent team as per the UNFCCC Accreditation Standard, GS4GG requirements and CC IPL’s internal procedures. Further details regarding team competence can be found in Appendix 2. The team is outlined below:

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of VVB or outsourced entity)
1.	Team Leader/Technical Expert	IR	Agarwalla	Sanjay Kumar	CC IPL
2.	Team Member	IR	Gedam	Pallavi Ganesh	CC IPL
3.	Technical Reviewer	IR	C.	Indumathi	CC IPL
4.	Approver	IR	Singh	Vikash Kumar	CC IPL

SECTION C. Means of validation

C.1. Desk/document review

>> List of all documents reviewed or referenced during the validation is provided in Appendix-3.

C.2. On-site inspection

GS4GG Programme of Activity Requirements version 1.2 /B01/, does not require the VVB to specifically conduct an on-site inspection for transition projects. Furthermore, on-site visit is not done for the validation activity due to national and international restrictions on travel due to COVID-19 impact. Therefore, VVB followed GS rule update 'COVID-19: Interim measures' dated 17/05/2021 version 04 /06/ and alternate measures are adopted as described below:

The validation team has carried out remote interviews to assess the information included in the project design document, stakeholder consultation report. During the desk review, the relevant records related to project design, implementation and operation were checked and remote interviews with stakeholders were taken.

C.3. Interviews

No.	Name	Organization	Date	Topic	Team member
/1/	Anantha Karthik Rajagopalan	Upenergy (Consultant to BioLite)	13/11/2021	<ul style="list-style-type: none"> •Discussion on the stated goal and policy of the PoA. •Discussion on the sustainability, environmental impact, local stakeholders meeting procedure, baseline scenario, additionality and monitoring plan, Start date •Discussion on the GS PoA-PDD and VPA-DDs, eligibility criteria and its compliance, ongoing financial need, SDG impact, eligibility criteria for inclusion of VPA in the PoA, safeguarding principles, stakeholder consultations and grievance mechanism in line with GS4GG, requirements. 	Sanjay Kumar Agarwalla
/2/	Erik Wurster	BioLite	13/11/2021	Discussion on the GS PoA-PDD and VPA-DDs, eligibility criteria and its compliance, ongoing financial need, SDG impact, eligibility criteria for inclusion of VPA in the PoA, safeguarding principles, stakeholder consultations and grievance mechanism in line with GS4GG, requirements.	Sanjay Kumar Agarwalla
/3/	Ankit Gaurav	Upenergy (Consultant to BioLite)	13/11/2021	PoA-DD and VPA-DDs	Sanjay Kumar Agarwalla

/4/	Hesbon Nyangena	BioLite		Project implementation and operation, Sales/Distribution records	
/5/	Hawa Mukami	BioLite	13/11/2021	Project implementation and operation, Sales/Distribution records	Sanjay Kumar Agarwalla
/6/	Margaret Muthoni	End user (Kenya)	13/11/2021	Discussion on the SDG impacts and project benefits	Sanjay Kumar Agarwalla
/7/	James Nguru	End user and Village representative (Kenya)	13/11/2021	Discussion on the SDG impacts, project benefits and stakeholders consultation	Sanjay Kumar Agarwalla
/8/	Lydia	End user (Kenya)	13/11/2021	Discussion on the SDG impacts and project benefits	Sanjay Kumar Agarwalla
/9/	Christine	End user (Kenya)	13/11/2021	Discussion on the SDG impacts and project benefits	Sanjay Kumar Agarwalla
/10/	Prof Jacob	Stakeholder (Kenya)	13/11/2021	Discussion on the stakeholder consultation	Sanjay Kumar Agarwalla
/11/	Sheila Anayo	Steller Works (Uganda)	13/11/2021	Project implementation and operation, Sales/Distribution records	Sanjay Kumar Agarwalla
/12/	Aisha	End user (Uganda)	13/11/2021	Discussion on the SDG impacts and project benefits	Sanjay Kumar Agarwalla
/13/	Annet	End user (Uganda)	13/11/2021	Discussion on the SDG impacts and project benefits	Sanjay Kumar Agarwalla
/14/	Najngo Rehema	End user (Uganda)	13/11/2021	Discussion on the SDG impacts and project benefits	Sanjay Kumar Agarwalla
/15/	Mugirya Wilson	Local Council Chairman (Uganda)	13/11/2021	Discussion on SDG impacts of project and stakeholder consultation	Sanjay Kumar Agarwalla
/16/	Jackie Wakholi	Stakeholder (Uganda)	13/11/2021	Discussion on the stakeholder consultation	Sanjay Kumar Agarwalla
/17/	Hanifa	B M Energy (Stove manufacturer)	13/11/2021	Discussion on safety protocol followed during stove manufacturing	Sanjay Kumar Agarwalla

SECTION D. Validation findings

D.1. Programme of activities

D.1.1. Identification of programme type

Means of validation	DR,I
Conclusion	Project is one of the pre-identified types as per section 3.1.1 (a) and automatically eligible for Gold Standard Certification as per section 4.1.3 of GS4GG Principles & Requirements, version 1.2 /B01/.

D.1.2. Description of PoA

Means of validation	DR, I
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Conclusion	This is the transition project from CDM to GS4GG. Based on review of section A.2 of the registered CDM PoA-DD /01/, the validation team confirms that the description of the proposed TRF PoA is same as that mentioned in the CDM PoA-DD and there is no change in the process and project design.
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D.1.3. Technologies/measures and eligibility under Gold Standard & Project Eligibility criteria

The proposed PoA “BioLite Improved Cook stoves Programme” is a small-scale PoA in Kenya and Uganda. The project is applying CDM approved methodology AMS-II.G.: “Energy Efficiency Measures in Thermal Applications of Non-Renewable Biomass” (Version 03¹, 11.1² and 12.0³).

Eligibility under Gold Standard:

CME has defined project eligibility based on GS4GG Principles & Requirements as assessed below:

Project Eligibility Aspects	Eligibility criterion - Required condition	Justification by CME	Assessment by Validation team
Type of project	Eligible projects shall include physical action/implementation on the ground. Pre-identified eligible project types are identified in the Eligibility Principles and Requirements section.	PoA is already implemented since 19/11/2011. Project is already one of the pre identified types as per section 3.1.1 (b) and automatically eligible for Gold Standard Certification as per section 4.1.3 of GS4GG Principles & Requirements.	<p>In the TRF PoA-DD /05-b/ CME has demonstrated that PoA is already implemented under CDM program. The project involves dissemination of energy efficient ICSs in the Kenya, Uganda. The ICSs are distributed in households/SMEs to switch or reduce the use of fuel wood for cooking. The utilization of the systems will reduce the amount of non-renewable biomass wood-based domestic energy needs, which will contribute to a reduction in greenhouse gas (GHG) emissions.</p> <p>The eligibility criteria for the proposed PoA are defined in accordance with point (b) of section 3.1.1 of GS4GG Community Services Activity requirements version 1.2 /B01/ which states “<i>Project activities that reduce energy requirements as compared to baseline scenario without affecting the level and quality of services or products, where the end-user of the products and services are clearly identified and when the physical intervention is required at the user end</i>”. Therefore, the dissemination of the improved cookstoves will account for the end-use energy efficiency.</p> <p>According to Section 4.1.3. of the GS4GG Principles and</p>

¹ applicable at the time of registration of PoA used for CDM registered transitioning CPAs

² applicable at the time of renewal of CDM PoA

³ applicable at the time of transitioning to GS4GG, used for New GS VPA which may be registered under this PoA

			<p>Requirements version 1.2 /B01/, “A Project type is automatically eligible for Gold Standard Certification if there are Gold Standard approved Activity Requirements and/or Impact Quantification Methodologies associated with it or it's referenced in the Gold Standard Product Requirements”. As the PoA is eligible under GS4GG Community Services Activity Requirements, it is also eligible for the GS4GG certification.</p> <p>Hence validation team confirms that in accordance with the GS Principle and Requirements /B01/, the project is eligible under Gold Standard.</p>
Location of Project	Projects may be located in any part of the world.	Location of the PoA is Kenya and Uganda.	<p>Based on the review of section A.5 of the registered CDM PoA-DD /01/ and PoA TRF & KPID /05-b/, it is confirmed that the boundary of the proposed PoA lies within the geographical territory of the Kenya and Uganda.</p> <p>The eligibility criterion for inclusion of corresponding VPAs in the proposed PoA is defined in accordance with point (b) of section 3.1.1 of GS4GG principles and requirements version 1.2.</p> <p>Hence validation team confirms that in accordance with the GS Requirements /B01/, the project is eligible under Gold Standard.</p>
Project Area, Project Boundary and Scale	<p>The Project Area and Project Boundary shall be defined. Projects may be developed at any scale although certain rules, requirements and limitations may apply under specific Activity Requirements, Impact Quantification Methodologies and Products Requirements. In order to avoid double counting the Project shall not be included in any other voluntary or compliance standards programme unless approved by Gold Standard (for example through dual certification). Also, if the Project Area overlaps with that of</p>	<p>The boundary for the PoA in terms of a geographical area is defined as the territorial boundary of Kenya, and Uganda. All voluntary programme activities (VPAs) associated with this PoA will be implemented within the geographical boundary of the PoA.</p> <p>To avoid inclusion of any stove which is a part of another registered carbon project/ programme, all ICS under this programme shall have a unique ID number / Tag number, either inscribed on the</p>	<p>As per applied methodology, the project boundary is the physical, geographical site of the efficient devices distributed that utilize biomass. Therefore, the project boundary covers each project ICS location. As the project ICS are spread throughout Kenya and Uganda, the project boundary covers entire Uganda. The project ICS installation point is verified from stove distribution database /17/.</p> <p>The project boundary is correctly identified in accordance with the methodology AMS-II.G. version 12. The project also avoids inclusion of any other registered carbon project by giving all ICS a unique ID number and Tag number/ 12/.</p> <p>Hence the proposed project is a small-scale project under UNFCCC</p>

	<p>another Gold Standard or other voluntary or compliance standard programme of a similar nature, the Project shall demonstrate that there is no double counting of impacts at design and performance certification (for example use of similar technology or practices through which the potential arises for double counting or misestimation of impacts amongst projects)</p>	<p>stove or retained by the buyer, to uniquely identify the ICS avoiding any double counting and trace its user, later during monitoring and verification.</p>	<p>rules. Furthermore, the CME has correctly identified each VPA under the PoA as small-scale in section B.2 of the CDM registered PoA DD /01/.</p> <p>The eligibility criterion for PoA is defined in accordance with point (c) of section 3.1.1 of GS4GG principles and requirements version 1.2.</p> <p>Hence validation team confirms that in accordance with the GS Requirements /B01/, the project is eligible under Gold Standard.</p>
Host Country Requirements	<p>Projects shall be in compliance with applicable Host Country's legal, environmental, ecological and social regulations.</p>	<p>The PoA complies with host countries legal, environmental, and ecological and social regulations.</p>	<p>The eligibility criterion of the proposed PoA is defined in accordance with point (d) of section 3.1.1 of GS4GG principles and requirements version 1.2 /B01/. The same has been validated from the letter of approval /18/ issued by Designated National Authority for Uganda and Kenya which state that the PoA is in compliance with the host countries' legal, environmental, ecological & social regulation.</p> <p>Hence validation team confirms that in accordance with the GS Requirements /B01/, the project is eligible under Gold Standard.</p>
Contact Details	<p>As part of the Project Documentation the Project Developer shall provide (i) name and (ii) contact details of all Project Participants; AND in case of an organisation (iii) the legal registration details and (iv) documentation by the governing jurisdiction that proves that the entity is in good standing (defined as being a legal or other appropriate entity registered in or allowed to operate within the required jurisdiction and with no evidence of insolvency or legal/criminal notices placed against it or any of its Directors). Gold Standard retains the right (at its own discretion) to refuse use of the Standard where reputational concerns are highlighted.</p>	<p>Name and Contact details of Project Participants are given in Appendix 1.</p>	<p>The validation team has reviewed the registered CDM PoA-DD /01/ and also the TRF PoA Appendix 1 /05-b/ and confirms that the contact details of the Project Participants is same, and no change is found during the transition from CDM to GS4GG.</p> <p>The eligibility criterion for the proposed PoA is defined in accordance with the GS4GG-VAL-FORM Page 11 of 43 (e) of section 3.1.1 of GS4GG principles and requirements version 1.2.</p>

Legal Ownership	<p>Full and uncontested legal ownership of any Products that are generated under Gold Standard Certification, (for example carbon credits) shall be demonstrated. Where such ownership is transferred from project beneficiaries this must be demonstrated transparently and with full, prior and informed consent (FPIC). Note that for certain Project types there is a requirement for full and uncontested legal land title/tenure to be demonstrated. These are contained within specific Activity or Product Requirements. All projects shall immediately report to Gold Standard any land title/tenure disputes arising.</p>	<p>Criteria for transfer of carbon credit ownership:</p> <ul style="list-style-type: none"> •For regular cycle VPA, this shall be ensured through relevant provisions for example disclaimer on warranty/information cards, stove packaging, customer agreements / sales receipts / consent form or may be collected via monitoring app etc. or collecting stakeholder feedback on this issue during local stakeholder consultation (LSC) •For retroactive VPA, this shall be ensured through relevant provisions for example disclaimer on warranty cards, stove packaging, customer agreements / sales receipts/ consent form or may be collected via monitoring app, etc. or stakeholder feedback collected during Stakeholder Feedback Round (SFR). 	<p>The validation team through document review found that legal ownership of the GS carbon credit generated from the project is transferred to CME as verified from end-user agreement receipts /10/.</p> <p>The eligibility criterion for proposed PoA is defined in accordance with point (f) of section 3.1.1 of GS4GG principles and requirements version 1.2.</p> <p>Hence validation team confirms that in accordance with the GS Requirements /B01/, the project is eligible under Gold Standard.</p>
Other Rights	<p>As well as legal title and ownership, the Project Developer shall also demonstrate where required uncontested legal rights and/or permissions concerning changes in use of other resources required to service the Project (for example, access rights, water rights etc.). Any known disputes or contested rights must be declared immediately to Gold Standard by the Project Developer and resolved prior to further project implementation in affected areas.</p>	Not applicable	Not applicable.
Official Development Assistance	<p>All Project Developers applying for project activities located in a country named by the</p>	<p>No ODA is involved in the PoA. A declaration is being submitted.</p>	<p>During the validation process, the validation team did not find that there was any diversion of official development assistance (ODA)</p>

(ODA) Declaration	OECD Development Assistance Committee's ODA recipient list and seeking Gold Standard Certification for carbon credits shall declare the Official Development Assistance (ODA) support. The Project Developer shall follow the GHG Emissions Reduction & Sequestration Product Requirements and submit the declaration at the time of Design Certification.		<p>funding due to the proposed project activity. CME has submitted an authorized ODA Declaration in this respect /11/.</p> <p>The eligibility criterion for the proposed PoA is defined in accordance with point (h) of section 3.1.1 of GS4GG principles and requirements version 1.2.</p> <p>Hence validation team confirms that in accordance with the GS Requirements /B01/, the project is eligible under Gold Standard.</p>
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Eligibility under Gold Standard Community Services Activity (CSA) Requirements

Project Eligibility Aspects	Eligibility criterion – Required condition	Justification by CME	Assessment by Validation team
Eligible Project Types	All CSA Projects shall lead to climate change mitigation and/or adaptation by providing or improving access to services/resources at the household or community or institution level. Eligible services include electricity and energy, water and sanitation, waste management, housing, etc.	The goal of the proposed PoA is to distribute ICS (improving access to services) in households/SMEs within the national borders of the host countries.	<p>In the TRF PoA-DD /05-b/ CME has demonstrated that PoA is already implemented under CDM program. The project involves dissemination of energy-efficient ICSs in the Kenya and Uganda. The ICSs are distributed in households/SME to switch or reduce the use of fuel wood for cooking. The utilization of the systems will reduce the amount of non-renewable biomass wood-based domestic energy needs, which will contribute to a reduction in greenhouse gas (GHG) emissions.</p> <p>The eligibility criterion for the proposed PoA is defined in accordance with paragraph 2.1.2 of Community Services Activity (CSA) Requirements version 1.2. Hence validation team confirms that in accordance with the GS Requirements /B01/, the project is eligible under Gold Standard.</p>
GENERAL ELIGIBILITY CRITERIA – Type of project	(b) End-use energy efficiency: Project activities that reduce energy requirements as compared to baseline scenario without affecting the level and quality of services or products, where the end-user of the products and services are clearly	The PoA involves distribution of energy efficient ICS to households/SMEs in the host countries which is mentioned in key project information (KPI).	In the TRF PoA-DD /05-b/ CME has demonstrated that PoA is already implemented under CDM program. The project involves dissemination of energy-efficient ICSs in the the Kenya and Uganda. The ICSs are distributed in households/SME to switch or reduce the use of fuel wood for cooking. The utilization of the systems will reduce the amount of

	identified and when the physical intervention is required at the user end. For example, efficient cooking, heating, lighting, etc.		<p>non-renewable biomass wood-based domestic energy needs, which will contribute to a reduction in greenhouse gas (GHG) emissions.</p> <p>The eligibility criterion for the proposed PoA is defined in accordance with paragraph 3.1.1, point (b) of Community Services Activity (CSA) Requirements version 1.2.</p> <p>Hence VT confirms that in accordance with the GS Requirements /B01/, the project is eligible under Gold Standard.</p>
GENERAL ELIGIBILITY CRITERIA – Project Area, Boundary and scale	Project Area and Boundary shall be defined in line with the applicable Impact Quantification Methodologies and Product Requirements.	<p>The project area is point location of ICS beneficiaries in the host country of the VPA. The project boundary will be limited to the geographical boundary of the host countries.</p> <p>The scale of the project will be small scale. Small scale VPAs will threshold of 180Gwh thermal for ICS VPAs will be adhered.</p> <p>The PoA is a small scale PoA with each independent subsystem (in case of this PoA = ICS) contributing to no greater than 1% of the small-scale threshold.</p>	<p>The PoA is a small-scale PoA and each unit lies within 1% of the small-scale threshold. The project boundary is limited to the Kenya and Uganda and the project area is point location of the ICS end-users. The eligibility criterion for the proposed PoA is defined in accordance with paragraph 3.1.2 of Community Services Activity (CSA) Requirements version 1.2.</p> <p>Hence the proposed project is a small-scale project under UNFCCC rules. Furthermore, the CME has correctly identified each VPA under the PoA as small-scale in section B.2 of the CDM registered PoA DD/01/.</p> <p>Hence VT confirms that in accordance with the GS Requirements /B01/, the project is eligible under Gold Standard.</p>
GENERAL ELIGIBILITY CRITERIA – Legal Ownership	(a) Projects involving the distribution of a large number of devices for services such as heating, cooking, lighting, electricity generation, water treatment technology such as water filter, etc. shall provide a clear description of the ownership of the Products that are generated under Gold Standard Certification all along the investment chain. In line with the FPIC requirement, the proofs that end-users are aware of and willing	<p>The ICS owners will be transferring their rights on ownership of carbon credits to CME via the end-user agreement /consent form via monitoring app etc. (refer to Eligibility under GS4GG section above).</p> <p>The same has been discussed during stakeholder consultation.</p>	<p>The validation team through document review found that legal ownership of the GS carbon credit generated from the project is transferred to CME as verified from end-user agreement receipts /10/.</p> <p>The eligibility criterion for the proposed PoA is defined in accordance with paragraph 3.1.4 of Community Services Activity (CSA) Requirements, version 1.2. Hence validation team confirms that in accordance with the GS Requirements /B01/, the project is eligible under Gold Standard.</p>

	to give up their rights on Products shall be provided. (b)The transfer of Product ownership shall be discussed during local stakeholder consultation for projects.		
Suppressed Demand	Certain Impact Quantification methodologies allow projects to account Suppressed Demand scenario when establishing a baseline. In such cases, the application of Suppressed Demand baseline is limited to Small Scale and Microscale Projects.	Projects under this PoA will not apply suppressed demand baseline scenario.	Validation team, through document review, confirms that suppressed demand baseline scenario is not applied by the VPAs under this PoA.

Eligibility Criteria for the inclusion of VPAs

No.	Criteria	Required condition	Means of Verification/Supporting evidence for inclusion	Assessment by the validation team
(1)	SDG outcome assessment	The monitoring plan for SDG shall include: 1.Time savings due to reduction in collected fuel / cooking time in households/SMEs (SDG 5). 2.Number of ICS distributed and operating (SDG 7). 3.Woodfuel savings reported by HH in the project (SDG 15).	SDG monitoring plan specified in VPA KPID	The targeted SDGs will be monitored at VPA level and all the elements and conditions of the SDG assessment will be justified. Please refer to section D.1.4 for a detailed assessment.
(2)	Safeguarding Principles	Conducted at VPA level	Not Applicable	Safeguarding principles assessment is conducted at the VPA level.

D.1.4. Target/Indicator for each of the minimum three SDGs targeted by the POA

Means of validation	DR, I
Conclusion	<p>The PoA mandatorily contributes to SDG 13: Climate Action and several other SDGs, viz. SDG 5: Gender Equality; SDG 7: Affordable and Clean Energy; SDG 15: Life on Land.</p> <p>Assessment on the identified monitoring parameters linked with selected SDGs and corresponding SDG targets is provided below:</p>

	Sustainable Development Goals Targeted	SDG Indicator	Impact	Assessment by the validation team
	SDG 5: Gender Equality	5.4.1 Proportion of time spent on unpaid domestic and care work, by sex, age and location		The burden of collecting and/or purchasing fuel often falls on women and children. By reducing fuel collection and cooking time, the PoA provides women in project households with more time to invest in other productive economic development activities. The stated SDG indicator has been appropriately selected by the CME.
	SDG 7: Affordable and Clean Energy	7.1.2 Proportion of population with primary reliance on clean fuels and technology		The PoA involves dissemination of clean, technology for cooking, by using available energy sources more efficiently. The stated SDG indicator has been appropriately selected by the CME.
	SDG 13: Climate Action (mandatory)	13.2 Emission reductions		Through the dissemination of efficient wood/charcoal cook stoves with single/multiple pans, the PoA will bring a reduction in the consumption of the non-renewable biomass thereby resulting in emission reductions. The stated SDG indicator has been appropriately selected by the CME.
	SDG 15: Life on Land	15.2.1 Progress towards sustainable forest management		Through the dissemination of ICS, the PoA will bring a reduction in the consumption of the non-renewable biomass thereby reducing deforestation, promoting biodiversity and the overall life on land. The stated SDG indicator has been appropriately selected by the CME.
The validation team confirms that all the relevant SDG indicators included under the PoA are in line with the SDG goals and the GS4GG principles and requirements /B01/.				

D.1.5. Duration of PoA

Means of validation	DR, I
Conclusion	The start date of the GS PoA period is 30/12/2012 (which is the the crediting period start date of the earliest VPA/CPA included in the PoA). The PoA was first submitted to Gold Standard on 29/06/2021 and the total duration of the PoA is 20 years (30/12/2012 to 29/12/2032).

	The duration of the PoA is in line with GS4GG principles and Requirements.
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D.1.6. Assessment of Safeguarding Principles

Means of validation	DR, I
Conclusion	<p>Safeguarding principles assessment is conducted at the VPA level.</p> <p>The validation team confirms that the safeguarding principles assessment is undertaken at VPA -level and the assessment has been addressed by the CME in accordance with the GS requirement outlined in the GS4GG safeguarding principles requirements version 1.2 /B01/.</p>

D.1.7. Justification of stakeholder consultation at PoA level only

Means of validation	DR, I
Conclusion	<p>The PoA is already registered under CDM (UNFCCC Ref. No. PoA 7997 registered on 30/12/2012) and is seeking transition under GS4GG. The physical local stakeholder meetings for Kenya and Uganda took place on 05/08/2016 and 07/05/2015 respectively. There has been no substantial change to the design of the PoA during the GS transition process and all the key aspects related to the PoA are the same as those incorporated under CDM. Section F.1 of the CDM PoA-DD /01/ can be referred for details of the solicitation of comments from local stakeholders.</p> <p>In line with the PoA transition checklist, the CME has conducted a stakeholder feedback round for transition to GS4GG. Design Consultation was carried out The SFR was initiated from 22/06/2021 for more than two month period till 09/09/2021. CME carried out SFR to cover all the identified gaps between CDM and GS4GG. SFR was conducted virtually by inviting the stakeholders through email and phone. A non-technical summary and questionnaire form to submit feedback was shared with all the identified stakeholders. The assessment team has checked the elaborate stakeholder report /14/ which includes the means of invitation, feedback questionnaire, summary of comments and redressal by the CME. The stakeholder report has been assessed to confirm that the feedback round has been conducted in line with the GS4GG Principles and Requirements and Stakeholder Consultation and Engagement requirements /B01/.</p>

D.1.8. Summary of stakeholder mitigation measures at PoA level

Means of validation	DR, I
Conclusion	<p>Section F.2 of the TRF PoA /01/ can be referred for details of the summary of comments received during the local stakeholders meeting conducted for the PoA .</p> <p>During the SFR period from 22/06/2021 to 09/09/2021, all the stakeholders were invited via email / phone and an extensive questionnaire was shared with each of the stakeholder to provide their feedback on the PoA. The detailed stakeholder consultation report /14/ has been reviewed by the validation team to confirm that there were no negative comments received during the SFR and that the feedback round has been conducted in line with the GS4GG Principles and Requirements and Stakeholder Consultation and Engagement requirements /B01/.</p>

D.1.9. Grievance Mechanism

Means of validation	DR, I
Conclusion	<p>The CME has maintained an elaborate grievance mechanism and a convenient method has been set up to gauge the response of the relevant stakeholders. A grievance expression process book has been placed at the office of BioLite in Kenya and partner office in Uganda to allow the stakeholders to share their feedback. The end users can also revert to the salesperson (representative of distribution/retail partners etc.) in case of any feedback / complaints with the product post distribution. The end-users have also been provided with the contact</p>

	<p>number and email id of the CME to submit their grievances.</p> <p>The grievance mechanism established by the CME is in line with the GS4GG Principles and Requirements /B01/.</p>
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SECTION E. Internal quality control

>>

The final validation report has passed a technical review before submission. The technical review was performed by a technical reviewer qualified in accordance with CCIPL's qualification scheme for CDM validation and verification and GS4GG requirements.

SECTION F. Validation opinion

>>

The Coordinating/managing entity (CME), BioLite India Private Limited has appointed the VVB, Carbon Check (India) Private Ltd. to perform a transition from CDM to GS4GG of the Gold Standard Programme of Activities "BioLite Improved Cook stoves Programme" in Kenya and Uganda: GS POA ID – GS 11191. This report summarises the findings of the validation of the project, performed on the basis of Gold Standard criteria for transition, as well as criteria are given to provide for consistent project operations, monitoring and reporting. This report contains the findings and resolutions from the validation and a validation opinion.

The report is based on the assessment of the project design document undertaken through stakeholder consultations, application of standard auditing techniques including but not limited to document reviews, stakeholder interviews, review of the applicable/applied methodology and its underlying formulae and calculations.

The Validation team confirms the contractual relationship signed on 02/07/2021 in between the VVB, Carbon Check (India) Private Ltd. and the CME, (BioLite India Private Limited) /02/. The team assigned to the validation meets the Carbon Check (India) Private Ltd.'s internal procedures including the UNFCCC and Gold Standard requirements for the team composition and competence. The validation team has conducted a thorough contract review as per UNFCCC and Carbon Check's procedures and requirements.

"BioLite Improved Cook stoves Programme" in Kenya and Uganda" (the PoA) aims to distribution of efficient wood/charcoal cook stoves with single/multiple pans in the rural and/or urban households in Kenya and Uganda. The use of this technology will enable households to switch low efficiency energy devices for cooking to higher efficient, clean, safe, and less polluting, cooking fuel. The utilization of the systems will reduce/replace the amount of non-renewable fuel wood domestic energy needs, which will contribute to a reduction in greenhouse gas (GHG) emissions. The proposed PoA and VPAs apply the approved CDM methodology AMS-II.G.: "Energy Efficiency Measures in Thermal Applications of Non-Renewable Biomass" (Version 03, 11.1 and 12.0) /B03/. This methodology is applicable because the programme will involve the displacement of thermal energy consumption (non-renewable biomass/fuel wood) with efficient wood/charcoal cook stoves devices.

The project meets all relevant host Country criteria and Gold Standard requirements.

The validation is based on the information made available to the validation team and the engagement conditions detailed in this report. The only purpose of this report is its use during the registration with GS4GG to issue GSVERs while maintaining the CDM registration. Carbon Check

cannot be held liable by any party for decisions made or not made based on the validation opinion, which will go beyond that purpose.

During the course of validation a total of 15 findings were raised which include:

- 04 Corrective Action Requests (CARs);
- 11 Clarification Requests (CLs);

All the raised findings and resolved successfully by the CME. Please refer to Appendix 4 for further details.

Carbon Check (India) Private Ltd. concludes the validation with a positive opinion that the GS PoA “BioLite Improved Cook stoves Programme”, as described in the PoA DD (Version 4.0, dated 21/06/2022) /05-b/, meets all CDM requirements, including those specified in the GS4GG requirements /B01/, relevant methodologies, tools and guidelines and article 12 of the Kyoto Protocol, paragraph 37 of the CDM modalities and procedures and the subsequent decisions by the COP/MOP and CDM Executive Board and Gold Standard Requirements.

The selected GS methodology (AMS-II.G.: “Energy Efficiency Measures in Thermal Applications of Non-Renewable Biomass” (Version 12.0⁴) /B03/ is applicable to the project and correctly applied. Carbon Check (India) Private Ltd. therefore, recommends the project for the Gold Standard Registry for registration.



Sanjay Kumar Agarwalla
Team Leader
Carbon Check (India) Private Ltd.




Vikash Kumar Singh
Approver
Carbon Check (India) Private
Ltd.

⁴ applicable at the time of transitioning to GS4GG, used for new GS VPA which may be registered under this PoA

Appendix 1. Abbreviations

Abbreviations	Full Texts
CAR	Corrective Action Request
CC IPL	Carbon Check (India) Private Ltd.
CDM	Clean Development Mechanism
CER	Certified Emission Reduction
CL	Clarification Request
CO₂	Carbon Dioxide
CO_{2e}	Carbon Dioxide Equivalent
CSA	Community Services Activity
EB	CDM Executive Board
EF	Emission Factor
FAR	Forward Action Request
FVR	Final Validation Report
GS	Gold Standard
GS4GG	Gold Standard for the Global Goals
GHG	Greenhouse gas(es)
GWh	Giga Watt Hour
ICS	Improved Cook Stove
IPCC	Intergovernmental Panel on Climate Change
MWh	Mega Watt Hour
OSV	On Site Visit
PoA	Programme of Activities
QC/QA	Quality control/Quality assurance
Registry	Gold Standard/Markit Registry
SD	Sustainable Development
SDG	Sustainable Development Goal
SFR	Stakeholder Feedback Round
TA	Technical Area
TR	Technical Review
UNFCCC	United Nations Framework Convention on Climate Change
VER	Verified Emission Reductions
VPAs	Voluntary Project Activities
VVB	Validation & Verification Body
VVS	Validation and Verification Standard

Appendix 2. Competence of team member and technical reviewers


Carbon
 CHECK

Carbon Check (India) Private Ltd.

Mr. Sanjay Agarwalla

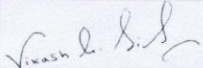
has been qualified as per CCIPL's internal qualification procedures, in accordance with requirements of Accreditation Standard (version 07.0):

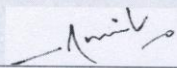
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Verifier	<input checked="" type="checkbox"/>	Technical Expert	<input checked="" type="checkbox"/>	Local Assessor ¹	<input checked="" type="checkbox"/>

In the following Technical Areas:

TA 1.1	<input checked="" type="checkbox"/>	TA 3.1	<input checked="" type="checkbox"/>	TA 5.2	<input checked="" type="checkbox"/>	TA 9.2	<input checked="" type="checkbox"/>	TA13.2	<input type="checkbox"/>
TA 1.2	<input checked="" type="checkbox"/>	TA 4.1	<input checked="" type="checkbox"/>	TA 8.1	<input type="checkbox"/>	TA 10.1	<input type="checkbox"/>	TA14.1	<input type="checkbox"/>
TA 2.1	<input checked="" type="checkbox"/>	TA 5.1	<input checked="" type="checkbox"/>	TA 9.1	<input checked="" type="checkbox"/>	TA 13.1	<input checked="" type="checkbox"/>		


 Mr. Vikash Kumar Singh
 Compliance Officer


 Mr. Amit Anand
 CEO

Date of Approval
 24/12/2021

Valid Till
 23/12/2022

Revision History of the Document

01/03/2020 ²	Interim Revision for office address change
01/09/2020	Interim Revision for CCIPL logo change
24/12/2020	Annual Revision
24/12/2021	Annual Revision

¹ India

² Please refer to previous version of competency certificates for the revision history.

CARBON CHECK (INDIA) PRIVATE LIMITED
 CIN: U74930DL2012PTC232495
 Regd. Off: 2071/38, 2nd Floor, Naiwala, Karol Bagh, New Delhi - 110005
 Corporate off: Unit No. 1701, Logix City Centre Office Tower, Plot No. BW-58, Sector-32 Noida, Uttar Pradesh
 Tel: +91 120 4373114 | URL: www.carboncheck.co.in | e-mail: info@carboncheck.co.in



Carbon Check (India) Private Ltd.

Ms. Pallavi Gedam

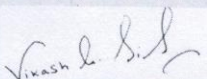
has been qualified as per CCIPL's internal qualification procedures, in accordance with requirements of Accreditation Standard (version 07.0):

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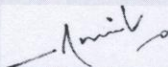
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Verifier	<input type="checkbox"/>	Technical Expert	<input checked="" type="checkbox"/>	Local Assessor ¹	<input checked="" type="checkbox"/>

In the following Technical Areas:

TA 1.1	<input type="checkbox"/>	TA 4.1	<input type="checkbox"/>	TA 9.1	<input type="checkbox"/>	TA 13.1	<input type="checkbox"/>
TA 1.2	<input checked="" type="checkbox"/>	TA 5.1	<input type="checkbox"/>	TA 9.2	<input type="checkbox"/>	TA 13.2	<input type="checkbox"/>
TA 3.1	<input checked="" type="checkbox"/>	TA 5.2	<input type="checkbox"/>	TA 10.1	<input type="checkbox"/>	TA 14.1	<input type="checkbox"/>



Mr. Vikash Kumar Singh
Compliance Officer



Mr. Amit Anand
CEO

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Carbon Check (India) Private Ltd.

Ms. Indumathi. C

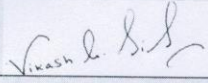
has been qualified as per CCIPL's internal qualification procedures, in accordance with requirements of Accreditation Standard (version 07.0):

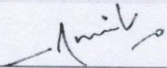
For following functions:

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Verifier	<input type="checkbox"/>	Technical Expert	<input checked="" type="checkbox"/>	Local Assessor ¹	<input checked="" type="checkbox"/>

In the following Technical Areas:

TA 1.1	<input checked="" type="checkbox"/>	TA 4.1	<input type="checkbox"/>	TA 9.1	<input type="checkbox"/>	TA 13.1	<input checked="" type="checkbox"/>
TA 1.2	<input checked="" type="checkbox"/>	TA 5.1	<input type="checkbox"/>	TA 9.2	<input type="checkbox"/>	TA 13.2	<input checked="" type="checkbox"/>
TA 3.1	<input checked="" type="checkbox"/>	TA 5.2	<input type="checkbox"/>	TA 10.1	<input type="checkbox"/>	TA 14.1	<input type="checkbox"/>


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 24/12/2021

Valid Till
 23/12/2022

Revision History of the Document

01/03/2020²
 01/09/2020
 24/12/2020
 24/12/2021

Interim Revision for office address change
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Appendix 3. Documents reviewed or referenced

Ref no.	Reference Document
/01/	CDM registered PoA DD version 20 dated 16/11/2017 (CDM PoA Ref. No. 7997) RCP CDM PoA-DD version 22.1 dated 20/10/2020
/02/	Letter of engagement in between Carbon Check and CME for validation, dated 30/06/2021 .
/03/	CDM PoA 7997 PoA Validation report CDM RCP PoA 7997 Validation report
/04/	CDM PoA 7997 MP3 Monitoring Report and the corresponding Verification Report
/05/	a.GS11191 – PoA TRF and KPID Version 01, dated 16/06/2021 b.GS11191 – PoA TRF and KPID Version 4.0, dated 21/06/2022
/06/	Covid Interim measure version 04 dated 17/05/2021. https://www.goldstandard.org/project-developers/standard-documents
/07/	Evidence for the first submission of PoA to GS on 29/06/2021
/08/	HR Policy & Employee Handbook
/9/	Employment Contract TEMPLATE
/10/	Sample End user Agreement_receipts
/11/	Declaration from the CME that the: <ul style="list-style-type: none"> • Emission reduction will be claimed only in one of the Standard (CDM or GS) for a particular vintage/monitoring period. • VPAs are restricted to the geographic boundary of Uganda • VPAs will not be a part of any single project activity or any other PoA • GS4GG_ODA-Declaration-signed
/12/	Sample Stove Photographs with unique ID
/13/	a. Gold Standard for the Global Goals PoA Design Consultation Report, version 1.0, 29/06/2021 b. Design consultation report including email from Gold Standard on the confirmation on design consultation
/14/	Design Consultation and Stakeholder Consultation Report
/15/	Stakeholder Consultation Report, version 1.0 dated 13/09/2021
/16/	Stove distribution database
/17/	PoA Design Consultation Review Feedback from GS
/18/	Host country approvals for the PoA from Uganda and Kenya

Background documents:

Ref no.	Reference Document
/B01/	a) GS4GG “Principles & Requirements”, version 1.2 b) GS4GG “Programme Of Activity Requirements”, version 1.2 c) GS4GG “Community Services Activity Requirements”, version 1.2 d) GS4GG “GHG Emissions Reduction & Sequestration Product Requirements, version 2.0 e) GS4GG “Safeguarding Principles & Requirements”, version 1.2 f) GS4GG “Stakeholder Consultation Requirements”, version 1.2
/B02/	CDM Validation and Verification Standard for PoAs, version 03.0 CDM Project Standard for PoAs, version 03.0
/B03/	CDM methodology: AMS-II.G.: “Energy Efficiency Measures in Thermal Applications of Non-Renewable Biomass” Version 03, 11.1 & 12.0
/B04/	Template of Gold Standard for the Global Goals Key Programme Information & Programme Design Document (PoA-DD) on The Gold Standard website
/B05/	Websites referred : a) http://www.goldstandard.org b) http://cdm.unfccc.int/

Appendix 4. Clarification requests and corrective action requests

CAR ID	01	Section no.	PoA DD	Date: 01/12/2021
Description of CAR				
As per the TRF PoA template, Appendix 1 is missing on the cover page of the submitted TRF PoA.				
CME response				Date: 03/12/2021
Appendix 1 has been added to the cover page and revised TRF PoA template has been shared.				
Documentation provided by CME				
Revised POA-DD				
VVB assessment				Date: 14/12/2021
PP has submitted the revised TRF PoA DD with the correction on the cover page, this has been checked and verified by the validation team. Hence the CAR 01 is closed.				

CAR ID	02	Section no.	PoA DD	Date: 01/12/2021
Description of CAR				
In the section "TRF.3 TRANSITION CHECKLIST", text from the TRF PoA has been missed out.				
CME response				Date: 03/12/2021
Missing text has been added to section TRF.3 Transition Checklist and revised PoA template has been shared.				
Documentation provided by CME				
Revised PoA-DD				
VVB assessment				Date: 14/12/2021
PP has incorporated the missing text in section "TRF.3 TRANSITION CHECKLIST", of the revised TRF PoA DD, this has been checked and verified by the validation team. Hence the CAR 02 is closed.				

CAR ID	03	Section no.	PoA DD	Date: 01/12/2021
Description of CAR				
In section B.3 of the TRF PoA, SDG outcome assessment and Safeguarding Principles assessment is missing.				
CME response				Date: 03/12/2021
Section B.3 has been revised and missing SDG outcome assessment and Safeguarding Principles assessment has been added in the PoA and shared.				
Documentation provided by CME				
Revised PoA-DD				
VVB assessment				Date: 14/12/2021
PP has incorporated the missing SDG outcome assessment and Safeguarding Principles assessment in section B.3 of the revised TRF PoA DD, this has been checked and verified by the validation team. Safeguarding Principles assessment will be done at VPA level. Hence the CAR 03 is closed.				

CAR ID	04	Section no.	PoA DD	Date: 01/12/2021
Description of CAR				
In section F.1 of the TRF PoA, Design consultation period and SFR are missing.				
CME response				Date: 03/12/2021
Design consultation period and SFR details has been added to the PoA and same has been shared.				
Documentation provided by CME				
Revised PoA-DD				
VVB assessment				Date: 14/12/2021
PP has incorporated the Design consultation period and SFR duration in section F.1 of the revised TRF PoA DD, this has been checked and verified by the validation team. Hence the CAR 04 is closed.				

Table 2.CLs from this validation

CL ID	01	Section no.	PoA DD	Date: 01/12/2021
Description of CAR				
CME is requested to clarify on the application of version 12 of AMS-II.G for the transition PoA considering that the all the transiting VPAs are based on version 3 and the latest PoA-DD is based on version 11.1 of the methodology.				
CME response				Date: 03/12/2021
<p>The latest CDM approved PoA-DD is based on version 11.1 of the methodology, however there was no case VPA with the same version. During transition to GS, latest version of the methodology becomes applicable, hence version 12 of the AMS-II.G has been applied to the transition PoA. As indicated by the VVB since all transitioning CPAs are using version 3 of the Methodology, GS PoA-DD eligibility criteria (Section B.3) for inclusion of a VPA is divided into two type of inclusions:</p> <ul style="list-style-type: none"> -AMS-II.G version 3.0 will be applied if CME would like to bring any more registered CPAs from CDM and transition to GS (Currently, CME is transitioning only 20 CPAs out of 80 CDM registered CPAs using version 3.0 of Methodology) -AMS-II.G version 12.0 will be applied if PD would like to include New GS VPA under the same PoA (without any transition). <p>The KPI page of the PoA-DD transparently clarifies all three versions of the methodology in GS Transition/New VPA context</p>				
Documentation provided by CME				
Revised PoA-DD				
VVB assessment				Date: 14/12/2021
PP has submitted the revised TRF PoA DD, which clearly states the all the three version of the methodology, and also inline with the GS requirements. Hence the justification provided by the PP is deemed acceptable to the validation team. CL 01 is closed				

CL ID	02	Section no.	PoA DD	Date: 01/12/2021
Description of CAR				
PoA renewal period has been stated as "Start date: 30/12/2019 and End date: 29/12/2026" which is second period. But it is noted that all the VPAs being requested for transition belong to first PoA period. Clarification is requested.				
CME response				Date: 03/12/2021
The start date and end date mentioned here is CP2 of the CDM registered PoA-DD. All the CDM registered CPA's that are transitioning along with this PoA are registered in CP1 of the PoA which use AMS II G, Version3.				
Documentation provided by CME				
Revised PoA-DD				
VVB assessment				Date: 14/12/2021
Justification provided by the PP is deemed acceptable, hence CL 02 is closed.				

CL ID	03	Section no.	PoA DD	Date: 01/12/2021
Description of CAR				
CME is requested to confirm on the application of Safeguarding Principles Assessment at PoA or VPA level and accordingly submit revised documents.				
CME response				Date: 03/12/2021
The safeguarding Principles Assessment is done at VPA level. The revised documents are shared.				
Documentation provided by CME				
Revised PoA-DD				
VVB assessment				Date: 14/12/2021
PP has submitted the revised TRF PoA DD, which clearly states safeguarding Principles Assessment is done at VPA level. Hence the CL 03 closed.				

CL ID	04	Section no.	PoA DD	Date: 01/12/2021
Description of CAR				
Under section 10.1 of the TRF PoA, for 10.1, CME has marked as "yes". CME is requested to clarify on this considering that few of the bullet points under section 10 are marked "No".				

CME response	Date: 03/12/2021
CME has submitted the relevant evidence for marking "Yes" under section 10.1. The few bullet points under section 10 which are market "No" have been provided with footnotes which have detailed explanation on the reason for doing so. The revised PoA has been shared	
Documentation provided by CME	
Revised PoA-DD	
VVB assessment	Date: 14/12/2021
PP has submitted the revised TRF PoA DD, explanation provided by the PP is deemed acceptable to the validation team. Hence CL 04 is closed.	

CL ID	05	Section no.	PoA DD	Date: 01/12/2021
Description of CAR				
In the TRF PoA, for section 11.1 “Are there any changes in eligibility criteria for inclusion criteria of a CPA/VPA with respect to methodology, stakeholder consultation, Safeguarding principles and assessment, SDG assessment or any other aspect” CME has marked “No”. Clarification is requested.				
CME response				Date: 03/12/2021
This section has been revised and marked as Yes. Also, CME has added the eligibility criteria, updated the SDG outcomes & Safeguarding principles in section B.3. The revised PoA has been shared				
Documentation provided by CME				
Revised PoA-DD				
VVB assessment				Date: 14/12/2021
PP has revised the section 11.1 of the TRF PoA DD, this has been checked and verified by the validation team. Hence CL 05 is closed.				

CL ID	06	Section no.	PoA DD	Date: 01/12/2021
Description of CAR				
In the TRF PoA CME is requested to clarify whether the stated PoA start date as 19/11/2011 is according to CDM?				
CME response				Date: 03/12/2021
Yes, the provided start date in the PoA is as per CDM start date. The same has been added to the PoA and shared				
Documentation provided by CME				
PoA-DD				
VVB assessment				Date: 14/12/2021
PP has submitted the revised TRF PoA DD, this has been checked and verified by the validation team. Hence CL 06 is closed.				

CL ID	07	Section no.	PoA DD	Date: 01/12/2021
Description of CAR				
CME is requested to confirm on the applicable version of the CDM PoA-DD for this transition.				
CME response				Date: 03/12/2021
The first crediting period (CP1) of CDM-PoA ended on 29/12/2019. All the transitioned VPAs belonged to CP1 of the PoA 7997 using version 3.0 of the AMS-II.G methodology. In 2020, PoA was renewed, and the latest version of the applicable methodology version 11.1 was applied, however there was no real case VPA with version 11.1 methodology in CDM.				
The GS PoA-DD has reference to all three versions of the methodology version 3.0, version 11.1 and version 12 of AMS-II.G transparently for different types of project inclusion (New GS VPA and CDM Transitioning VPA).Both the versions of Methodology (AMS-II.G version 3.0 and version 12.0) have been demonstrated in Section B.3 Eligibility criteria to allow scope for both types of inclusions.				
Documentation provided by CME				
Revised PoA-DD				
VVB assessment				Date: 14/12/2021
Justification provided by PP is deemed acceptable to the validation team. Hence CL 07 is closed.				

CL ID	08	Section no.	PoA DD	Date: 01/12/2021
Description of CAR				
In section A.3 of the TRF PoA, for eligibility under Gold Standard, as per section 3.1.1 of GS4GG Principles &				

Requirements, compliance with relevant Eligibility criteria missing. Also eligibility under GS CSA is missing,
CME response
Date: 03/12/2021
Added the missing eligibility criteria as per GS section 3.1.1 of GS4GG principle & requirements. Also added the GS Community Services Activity in the PoA and the same has been shared
Documentation provided by CME
Revised PoA-DD
VVB assessment
Date: 14/12/2021
PP has added the eligibility criteria, as per section 3.1.1 of GS4GG Principles & Requirements, and also added the eligibility criteria under GS CSA in the section A.3 of the revised TRF PoA DD. Hence CL 08 is closed.

CL ID	09	Section no.	PoA DD	Date: 01/12/2021
Description of CAR				
In section A.4 of the TRF PoA, CME is requested to mention the applicable SDG impact and indicator.				
CME response				Date: 03/12/2021
The SDG Impact and indicators has been added to the PoA and the same has been shared				
Documentation provided by CME				
Revised PoA-DD				
VVB assessment				Date: 14/12/2021
PP has updated the section A.4 of the revised TRF PoA DD, this has been checked and verified by the validation team and deemed appropriate. Hence the CL 09 is closed.				

CL ID	10	Section no.	PoA DD	Date: 01/12/2021
Description of CAR				
In section D.1 of the TRF PoA "Date of first submission of PoA to Gold Standard" is stated as 30/06/2021. CME is requested to provide evidence for the same.				
Furthermore, in section D.2, duration of the PoA is stated as 20 years. CME is requested to provide the exact end date.				
CME response				Date: 03/12/2021
In section D.1, the Date of first submission of PoA to GS has been revised to 29/06/2021. The evidence for this has been shared.				
In section D.2, the start date is 30/12/2021 and the end date is 29/12/2032 and the same has been mentioned in the PoA.				
Documentation provided by CME				
Revised PoA				
VVB assessment				Date: 14/12/2021
PP has provided the POA Design Consultation Report dated 29/06/2021, this is now inline with the section D.1 of the revised TRF PoA DD.				
Also, Section D.2 has been updated with the duration of the POA as per 20 years requirements, in the revised TRF POA DD. This has been checked and verified by the validation team and deemed appropriate. Hence CL 10 is closed.				

CL ID	11	Section no.	PoA DD	Date: 01/12/2021
Description of CAR				
In section F.3 of the TRF PoA, address of Kenya is provided for address of Grievance mechanism. Clarification is requested how is this suitable considering that this is a multicountry PoA.				
CME response				Date: 03/12/2021
This section is updated and CME has added relevant information for Uganda in addition to Kenya. under section F.3 of Grievance mechanism. The information on India has not been added currently as there are active CPAs in India. The same has been clarified in the PoA-DD by adding a footnote. . Revised PoA-DD has been shared.				
Documentation provided by CME				
Revised PoA-DD				
VVB assessment				Date: 14/12/2021
PP has updated the section F.3 of the revised TRF PoA DD, this has been checked and verified by the validation team and deemed appropriate.				
Hence the CL11 is closed. As India has been removed now, this finding is no more relevant.				