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Gold Standard Validation Work Plan

GOLD STANDARD VALIDATION OF
PROJECT NO. 4813
SIDRAP WINDFARM PROJECT PHASE 1

Report No. 10379SD

21 March 2017

TÜV SÜD South Asia Pvt. Ltd.
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Date of first issue of this report	Revision No. of this report	
13-03-2017	21-03-2017	
Project Participant: PT UPC Sidrap Bayu Energi, 29C Jalan Sunset, Seminyak Badung Bali Indonesia	Project Site(s): Mattirotasi and Lainungan Villages, Watang Pulu Sub-district, Sidrap Regency Host Country: Indonesia	
Applied Methodology / Version: ACM0002 / Version 17	Scope(s): 01	Technical Area(s): 1.1
First Passport Version : 01 -		
VALIDATION OPINION		
<p>TÜV SÜD has been appointed to perform the validation of the aforementioned GS project activity (GS Reference no: 4813). Standard auditing techniques would be used for the validation of the project. An internal validation checklist has been prepared to conduct the validation process in a transparent and comprehensive manner.</p> <p>The review of the passport, project design document, monitoring report and spread sheet of the report followed by subsequent follow-up interviews, and further validation of references would be provided by TÜV SÜD in the final report.</p> <p>The validation would be performed following the GS v2.2 requirements, Validation, and Verification Standard v.9 (VVS) of UNFCCC. The single purpose of this work plan is to inform the Gold Standard about the validation methodology, audit team competency and tentative timeline followed as part of the GS project cycle.</p> <p style="text-align: center;">Pune, 21/03/2017</p> <div style="text-align: center;">  </div> <hr style="width: 30%; margin-left: auto; margin-right: auto;"/> <p style="text-align: center;">Certification Body "Environment and Energy" TÜV SÜD South Asia</p>		

Abbreviations

CAR	Corrective Action Request
CDM	Clean Development Mechanism
VER	Verified Emission Reduction
CR	Clarification Request
DNH	Do No Harm
EIA / EA	Environmental Impact Assessment / Environmental Assessment
ER	Emission Reduction
GHG	Greenhouse gas(es)
GS	Gold Standard
LSC	Local Stakeholder Consultation
MDG	Millennium Development Goals
MP	Monitoring Plan
PDD	Project Design Document
SFR	Stakeholder Feedback Round
SD	Sustainable Development
TÜV SÜD	TÜV SÜD South Asia Pvt Ltd
TAC	Technical Advisory Committee
UNFCCC	United Nations Framework Convention on Climate Change



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1 INTRODUCTION

The information provided by the project participants would be assessed by applying the means of validation specified in the GS Toolkit as well as the CDM Validation and Verification Standard (VVS) and using appropriate standard auditing techniques.

Before the assessment begins a competent team to perform the validation is selected. The team is selected to cover the technical scope(s), sectoral scope(s), prior experience in GS projects and relevant host country experience for evaluating the GS project activity. Once the project is made available for the stakeholder consultation process, members of the team carry out the desk review, follow-up actions, resolution of issues identified, and the preparation of the validation report. The prepared validation report and other supporting documents then undergo an internal quality control by the CB “Environment and Energy” before being submitted to the GS-TAC.

2 TEAM COMPETENCY

2.1 Appointment of the Assessment Team

According to the technical scopes and experiences in the sectoral or national business environment, TÜV SÜD has composed a project team in accordance with the appointment rules of the TÜV SÜD certification body “Environment and Energy”.

The composition of an assessment team has to be approved by the Certification Body (CB) to assure that the required skills are covered by the team. The CB TÜV SÜD operates the following qualification levels for team members that are assigned by formal appointment rules:

- Assessment Team Leader (ATL);
- Validator (V);
- Validator Trainee (T);
- Technical Experts (TE);
- Country expert (CE);
- Technical reviewer (TR).

It is required that the sectoral scope(s) and the technical area(s) (TA) linked to the methodology and project has to be covered by the assessment team. A technical review is conducted to perform a check on quality and completeness.

Assessment Team:

Name	Qualification	Coverage of scope	Coverage of technical area	Coverage of financial aspect	Host country experience	Conducted On-site visit
Supratik Dutta	ATL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Srikanth Meesa	V	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Audit team has ample of experience working in GS projects.

Supratik Dutta: He is acting as the team leader and has worked on more than 5 GS projects over the past 8-10 years and worked on more than 2-3 validations in the host country Indonesia. Further, he has extensive experience in handling various GHG mitigation projects including wind energy projects.

Srikanth Meesa: He is acting as the team member, has worked on about 15 GS projects in various countries across the world, and has extensive experience for almost 10 years in the assessment of various GHG mitigation projects including wind energy projects.

Technical Reviewer:

Name	Qualification	Coverage of scope	Coverage of technical area
Eswar Murty	TR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

2.2 Contact details of Focal point of Audit team

Supratik Dutta
TÜV SÜD South Asia Pvt. Ltd.
Solitaire, 4th Floor,
ITI Road, Aundh,
Pune - 411 007,
Mobile No: +91 9831-77-7118
E-mail: supratik.dutta@tuv-sud.in; msrikan@gmail.com ;

3 AUDIT PLANNING

3.1 Time frame

A time frame envisaged for this GS validation of the project is as follows:

Milestone description	Time
Publication of Project Documents	Week 52 of 2016
On-site audit	Week 15 or 16 of 2017
Submission of filled List Of Findings (LOF) after on-site audit	Week 17-18 of 2017
Response of client to all identified issues	Week 21 of 2017
Submission of Draft Validation Report	Week 23 of 2017
Submission of Final Validation Report after CB approval	Week 27

* Provided all issues (Corrective action requests and Clarification requests) are closed

3.2 Review of documents

The documents such as GS Passport, Registered CDM PDD, Monitoring Report, ER spread sheet CDM Validation report and GS Project Consultation points were submitted to the DOE in July 2016. Further, the documents and sources referred in the PDD have also been submitted. The set of documents submitted are as follows:

Title/Type of Document
GS-Passport for the project "Sidrap Wind farm Project Phase 1"
GS PDD
GS Passport
LSC report
ER spread sheet

The documents submitted would be reviewed to verify the correctness, credibility and interpretation of the presented information; furthermore, a crosscheck between information provided and information from other sources will be done as initial step of the validation process.

During the validation process, the audit team would also make reference to available information related to similar projects or technologies as the GS project activity. The documentation is also reviewed against the approved methodology applied to confirm the appropriateness of formulae and correctness of calculations.

The stakeholders will be interviewed during the on-site validation visit to get the feedback of the project and the opinion of the local people towards the project implementation. The background documentation and data would be thoroughly analyzed in order to check the Sustainability Assessment Matrix as per Gold Standard. The LSC report, Do No Harm Assessment Report and Sustainability Matrix would be validated based on the above procedures.

3.3 Audit Schedule

TÜV SÜD would conduct on site audit and physical site inspection with project stakeholders to confirm relevant information and to resolve issues identified in the first document review. The site visit has been planned during 15th week of 2017.

The audit schedule envisaged for this GS validation project is as follows:

Date	Audited person / Audited unit	Topics
13.04.2017 Session 1 9:30 – 12:30	PT UPC Sidrap Bayu Energi (PTUSE), Team of Blue World Carbon SEA Pte. Ltd.	Opening Session, Introduction to audit, overview of project description, technology, boundary and eligibility criteria (as per Annex C, Annex AD and GS version 2.2 requirements), Methodology criteria, Baseline additionality, Early consideration Carbon Credits, GS template
13.04.2017 Session 2 13:00 – 17:30	PTUSE, Team of Blue World Carbon SEA Pte. Ltd.	Visit to the Site : Interaction with stakeholders-Discussion on LSC report
14.04.2017 Session 1 9:30 – 12:30	PTUSE, Team of Blue World Carbon SEA Pte. Ltd.	Visit to the Site : Interaction with stakeholders-Discussion on LSC report
14.04.2017 Session 2 13:00 – 17:30	PTUSE, Team of Blue World Carbon SEA Pte. Ltd.	GS Passport, Consolidation of audit findings and site observations and conclusion of audit

List of Stakeholders to be interviewed :

1. The villagers near by the project site who may face the impacts due to the project
2. Regulatory authorities
3. Project participants & Project consultant

3.4 Internal Quality Control

As a final step of validation, the final documentation including the validation report and annexes have to undergo an internal quality control by the CB, i.e. each report has to be finally approved either by the CB team. If the documents have been satisfactorily approved, the Request for Issuance is submitted to the GS along with the relevant documents. Communication of final Validation opinion to the Gold Standard will be carried out by the DOE via GS registry.

The decision whether the Validation Opinion will be submitted for approval to the GS or not solely rests with the TÜV SÜD's Certification Body.

Suggestions for more/less frequent site visits:

It is to be noted this project is a large-scale project. Hence, site visits will be conducted every year as part of the GS verification as per the GS requirements.