



KINIK WIND POWER PLANT

3RD VERIFICATION REPORT



Document Prepared by Re Carbon Gözetim Denetim ve Belgelendirme Ltd. Şti.

Project Title	Kinik Wind Power Plant
Version	01.1
Report ID	886 (VCS ID: 1732)

Report Title	Kinik Wind Power Plant 3 rd Verification Report
Client	Esinti Enerji Üretim Ticaret ve Sanayi Anonim Şirketi
Pages	70
Date of Issue	05 January 2023
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Summary:

The installed capacity of the project is 54.4 MWm / 50 MWe and the project has 17 wind turbines of which 16 of them with a unit capacity of 3 MWe each and one wind turbine with a unit capacity of 2 MWe. The turbine model is Siemens SWT-3.2-108 with the rotor diameter of 108 meter and has three blades. The purpose of the project activity is to generate electricity and supply it into the public grid. The project activity reduces greenhouse gas (GHG) emissions that would have otherwise occurred in the absence of the project activity by avoiding electricity generation from fossil fuel sources.

The scope of the verification is the independent and objective review of the monitored GHG reductions. The verification activity is based on the validated and registered PD version 0.3 and dated 05/12/2017.

The project activity and the monitoring report are assessed against the requirements of the approved consolidated baseline and monitoring Methodology "ACM0002: "Grid-connected Electricity Generation from Renewable Sources" version 17.0 and VCS Version 4.4.

The only purpose of the verification and certification is its usage during the issuance process as part of the VCS project cycle.

During this verification 14 Corrective Action Requests (CARs) and 04 Clarification Requests (CLs) were raised, all of which were resolved by either revising the Monitoring Report or

by sending objective evidence to the verification team. There hasn't been any Forward Action Request (FAR) issued during the verification process.

Re Carbon Ltd. hereby confirms that the level of assurance of this verification report is reasonable, with respect to material errors, omissions and misrepresentations. To guarantee this level of assurance all data that is used in the GHG emission reduction calculations have been reviewed without any sampling.

Re Carbon Ltd. also confirms the following based on the results of document review for the period between 01/05/2021 and 30/06/2022:

Year	Baseline emissions or removals (tCO ₂ e)	Project emissions or removals (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions or removals (tCO ₂ e)
2021	65,390	0	0	65,390
2022	43,968	0	0	43,968
Total	109,358	0	0	109,358

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1 INTRODUCTION

1.1 Objective

Re Carbon Ltd. was appointed by “Esinti Enerji Üretim Ticaret ve Sanayi Anonim Şirketi” to perform the third verification of the “Kınık Wind Power Plant” with the service agreement dated 26/05/2022. The objective of this verification activity was to assess, with objective evidence:

- if the monitoring report version 03 dated 04/01/2023 conforms with the requirements of the monitoring plan of the registered Project Description (PD) and the approved methodology
- if the project activity conforms with the monitoring report and the registered PD, and
- if the data reported in the monitoring report are complete and transparent.

1.2 Scope and Criteria

The scope of the verification is the independent and objective review of the monitored GHG reductions. The verification activity is based on the validated and registered PD version 0.3 and dated 05/12/2017.

The project activity and the monitoring report are assessed against the requirements of “ACM0002: “Grid-connected Electricity Generation from Renewable Sources” version 17.0, CDM Validation and Verification Standard for Project Activities version 3.0 and VCS Version 4.4.

The only purpose of the verification and certification is its usage during the issuance process as a part of the VCS project cycle. Therefore, Re Carbon Ltd. cannot be held liable by any party for decisions made or not made based on the verification and certification opinion, which will go beyond that purpose.

1.3 Level of Assurance

Re Carbon Ltd. hereby confirms that the level of assurance of this verification report is reasonable, with respect to material errors, omissions and misrepresentations. To guarantee this level of assurance all data that is used in the GHG emission reduction calculations have been reviewed without any sampling.

1.4 Summary Description of the Project

Kınık Wind Power Plant has been located on Kınık town in İzmir city of Turkey and developed by Esinti Enerji Üretim Tic. ve San. A.Ş. The project’s total capacity is 54.4 MWm / 50 MWe and the project has 17 Siemens SWT-3.2-108 wind turbines of which 16 of them with a unit capacity of 3 MWe each and one wind turbine with a unit capacity of 2 MWe in line with the electricity generation licence

and provisional acceptance protocols and the project also supports the sustainable economic development in the region. The technical description of the project activity is as follows:

Table 1: Turbine and generator specifications

Component	Property
Turbines	
Turbine Firm	Siemens SWT-3.2-108
Turbine Type	Siemens SWT-3.2-108
Rated Power (MWe)	3.2
Rotor Diameter (m)	108
Number of Blades	3
Cut in wind speed (m/s)	3-5
Cut out wind speed (m/s)	25
Generators	
Generator Firm	Siemens LD
Power (MWe)	3.2
Voltage (V)	690
Frequency (Hz)	47-52

The start date of the project activity is 05/12/2016 which is the date when the project is commissioned and the electricity was first supplied to the grid as verified through the provisional acceptance protocol and the first crediting period is from 05/12/2016 until 04/12/2026 with two times renewable crediting period of 10 years.

2 VERIFICATION PROCESS

2.1 Method and Criteria

Re Carbon Ltd. was appointed by “Esinti Enerji Üretim Ticaret ve Sanayi Anonim Şirketi” to perform the third verification of the “Kınık Wind Power Plant” with the service agreement dated 26/05/2022. The objective of this verification activity is to assess, with objective evidence:

- if the monitoring report version 03 dated 04/01/2023 conforms with the requirements of the monitoring plan of the registered PD and the approved methodology
- if the project activity conforms with the monitoring report and the registered PD, and
- if the data reported in the monitoring report are complete and transparent.

The scope of the verification is the independent and objective review of the monitored GHG reductions. The verification activity is based on the validated and registered PD version 0.3 and dated 05/12/2017.

The project activity and the monitoring report are assessed against the requirements of the ACM0002: “Grid-connected Electricity Generation from Renewable Sources” version 17.0 and VCS Version 4.4.

There hasn't been any sampling approach applied during the verification and all monitored data/parameters have been checked by the verification team.

The only purpose of the verification and certification is its usage during the issuance process as a part of the VCS project cycle. Therefore, Re Carbon Ltd. cannot be held liable by any party for decisions made or not made based on the verification and certification opinion, which will go beyond that purpose.

2.2 Document Review

The basis for the verification activity is the monitoring report version 01, dated 09/08/2022 which was submitted to the verification team on the same day. This monitoring report was revised due to issued CARs and CLs, with version 03 dated 04/01/2023 being the final version. The monitoring report and the monitoring activities were assessed against the registered PD version 0.3 and dated 05/12/2017, the applied methodology, “ACM0002: “Grid-connected Electricity Generation from Renewable Sources” version 17.0, the relevant VCS rules and regulations including VCS Version 4.4, CDM Validation and Verification Standard for Project Activities version 3.0, the final validation report version 02 dated 21/12/2017 and second verification report version 01.2 dated 16/09/2021.

The following actions were involved in the desk review:

- A review of the data and information presented to verify their completeness

- A review of the monitoring plan and monitoring methodology, paying particular attention to the frequency of measurements, the quality of metering equipment including calibration requirements, and the quality assurance and quality control procedures
- An evaluation of data management and the quality assurance and quality control system in the context of their influence on the generation and reporting of emission reductions

The list of the documents which were reviewed during the verification period is given in Table 2-1 below:

Table 2-1: List of documents reviewed

Document Number	Document Name	Version	Date (dd/mm/yyyy)
D01	Registered PD	0.3	05/12/2017
D02	Final Validation Report (Bureau Veritas Certification)	02	21/12/2017
D03	Second Verification Final Report (Re Carbon Ltd.)	1.2	16/09/2021
D04	ACM0002: Grid-connected Electricity Generation from Renewable Sources	17.0	-
D05	Verification Service Agreement	-	26/05/2022
D06	Monitoring Report	01	09/08/2022
D07	Monitoring Report	02	01/12/2022
D08	ER Calculation Excel Sheet	01	09/08/2022
D09	ER Calculation Excel Sheet	02	01/12/2022
D10	EIA Not Necessary Decision	-	15/02/2012
D11	Project Introductory File	-	12/2011
D12	VCS Standard	4.4	21/12/2022
D13	VCS Program Guide	4.3	21/12/2022
D14	CDM Validation and Verification Standard For Project Activities	3.0	09/09/2021
D15	EIA Not Necessary Decision	-	15/02/2012
D16	Electricity Generation Licence (Initial Issuance & Last Amendment)	-	10/05/2007 23/11/2017
D17	TEIAS Meter Reading Forms	-	05/2021 - 06/2022
D18	EPIAS Screenshots	-	05/2021 - 06/2022

Document Number	Document Name	Version	Date (dd/mm/yyyy)
D19	Meters Test Reports	-	06/12/2016 25/11/2018 10/10/2020
D20	Electricity Meters Photos	-	-
D21	Waste Water Storage Tank Photos	-	-
D22	Hazardous Waste Storage Area Photos	-	-
D23	Domestic Waste Container Photo	-	-
D24	Waste Water Disposal Records	-	12/06/2018 21/09/2021 16/11/2021 12/01/2022 08/03/2022 25/04/2022 26/05/2022
D25	Hazardous Waste Transfer and Disposal Records	-	08/10/2021 28/12/2021
D26	Signed Letter by the PP (About Double Counting and Renewable Energy Certification (REC))	-	10/10/2022
D27	Ornithology Reports	-	10/2017 06/2018
D28	Signed Letter by the Kodukburun, Poyracık and Mustaklar Villages Heads (Mukhtars) (About the Contact Details of PP Relevant Staff In Case of Any Complaint)	-	10/10/2022
D29	Provisional Acceptance Protocols	-	05/12/2016 10/05/2018
D30	Training Records	-	15-16/12/2021
D31	Social Security Records for PP Site Employees	-	-
D32	Site Photos	-	12/08/2022
D33	Monitoring Report	03	04/01/2023

2.3 Interviews

During the verification period, follow-up interviews were executed by the verification team to further analyze the correctness and accurateness of the information provided.

The list of individuals who were interviewed during the verification process is given in Table 2-2 below:

Table 2-2: List of individuals interviewed

Reference Number	Means of Interview ¹	Full Name	Title	Organization
I01	Online SV	Bülent Yaren	Plant Manager	Esinti Enerji Üretim Ticaret ve Sanayi Anonim Şirketi
I02	Online SV	Cengiz Sarıkaya	Project Manager	Esinti Enerji Üretim Ticaret ve Sanayi Anonim Şirketi
I03	Online SV	Sıla Duran	Consultant	Sekans Enerji Limited Şirketi
I04	Online SV	Mustafa Uyar	Mukhtar (Village Head)	Mustaklar Village
I05	Online SV	Ümit Kazak	Mukhtar (Village Head)	Kodukburun Village
I06	Online SV	Yılmaz Kazak	Villager	Kodukburun Village
I07	Online SV	Tuğrul Kır	Villager	Kodukburun Village

¹ SV: Site visit; T: Telephone; E: E-mail

2.4 Site Inspections

As a part of the verification activities an online (remote) site visit using remote audit techniques (by means of Information and Communication Technology (ICT) was executed to the project activity's location, details of which can be seen in Table 2-3 below:

Table 2-3: Online (remote) site visit details

Date	12/08/2022	
Location	Online (remote)	
Participant	Company Name	Role in the Organization / Role in the Site Visit
Bülent Yaren	Esinti Enerji Üretim Ticaret ve Sanayi Anonim Şirketi	Plant Manager
Cengiz Sarıkaya	Esinti Enerji Üretim Ticaret ve Sanayi Anonim Şirketi	Project Manager
Sıla Duran	Sekans Enerji Limited Şirketi	Consultant
Mustafa Uyar	Mustaklar Village	Mukhtar (Village Head)
Ümit Kazak	Kodukburun Village	Mukhtar (Village Head)
Yılmaz Kazak	Kodukburun Village	Villager
Tuğrul Kır	Kodukburun Village	Villager
Points Verified	Source of Information	
Implementation and operation of the proposed VCS project activity as per the registered PD	Document review, online site visit and interviews with the PP representatives and local stakeholders from Kodukburun and Mustaklar Villages	
Review of information flows for generating, aggregating, and reporting the monitoring parameters	Document review, online site visit and interviews with the PP representatives and local stakeholders from Kodukburun and Mustaklar Villages	
Interviews with relevant personnel to confirm that the operational and data collection procedures are implemented in accordance with the monitoring plan in the PD	Interviews with the PP representatives	

Cross-check between information provided in the monitoring report and data from other sources such as plant logbooks, inventories, purchase records or similar data sources	Document review and online site visit
Check of the monitoring equipment including calibration performance and observations of monitoring practices against the requirements of the PD and the selected methodology	Document review, online site visit and interviews with the PP representatives and local stakeholders from Kodukburun and Mustaklar Villages
Review of calculations and assumptions made in determining the GHG data and emission reductions	Document review
Identification of quality control and quality assurance procedures in place to prevent or identify and correct any errors or omissions in the reported monitoring parameters	Document review, interviews with the PP representatives and local stakeholders from Kodukburun and Mustaklar Villages

The PP representatives and local stakeholders had been interviewed as in above during the online (remote) site visit using Zoom program and some photographic evidences like electricity meters, waste storage areas etc. have been taken along with the document review process to achieve the reasonable level of assurance during the verification as detailed in other sections of the report.

2.5 Resolution of Findings

The verification of this VCS project activity includes the following steps:

- Assessment of the conformity of the actual project activity and its operation with the registered PD version 0.3 and dated 05/12/2017.
- An online (remote) site visit was conducted on 12/08/2022 in order to assess whether all physical features of the project activity proposed in the registered PD are in place and that the Project proponent(s) operated the project activity in line with the registered PD.
- Assessment of the compliance of the monitoring plan with the monitoring methodology “ACM0002: “Grid-connected Electricity Generation from Renewable Sources” version 17.0
- Assessment of the compliance of monitoring with the monitoring plan
- Assessment of data and calculation of greenhouse gas emission reductions
- Issuance of the draft verification report

- Independent technical review
- Approval of the verification report and request of issuance

The Verification Timeframe for this project activity is given in Table 2-4 below:

Table 2-4: Verification timeframe

Activity	Timeline		Total Days
	From	To	
Desk Review	09/08/2022	11/08/2022	3
Review of the MR version 01	09/08/2022	11/08/2022	3
Online (Remote) Site Visit	12/08/2022	12/08/2022	1
Issuance of the Verification Protocol version 01	28/09/2022	28/09/2022	1
Review of PPs Initial Set of Responses	18/12/2022	18/12/2022	1
Closing of all the CARs and CLs	20/12/2022	20/12/2022	1
Issuance of the Verification Report version 01	26/12/2022	26/12/2022	1
ITR Process	28/12/2022	09/01/2023	13
Issuance of the Verification Report version 02	05/01/2023	05/01/2023	1
Submission for Final Approval	09/01/2023	09/01/2023	1
Submission to the PP	09/01/2023	09/01/2023	1

The Verification Protocol is used for the assessment of each requirement during the execution of verification activities and is given in Appendix-1 of this verification report.

The Verification Protocol consists of two tables:

- Table 1 (VCS Monitoring Report (MR) Form, VCS and CDM Verification Requirements)
- Table 2 (Resolution of Corrective Action, Forward Action, and Clarification Requests)

The usage description of Table-1 in the Verification Protocol is explained in Table 2-5 below:

Table 2-5: Explanation about Table-1 in Verification Protocol

Question	Reference	MoV*	Findings, comments, references and document sources	Draft & Final Conclusion
The requirements related with the VCS monitoring report and VCS and CDM verification Standards and/ or Procedures	Gives reference to the legislation or documents where the relevant requirement is found	Explains how conformance with question is investigated. Examples of means of verification are Document Review (DR), Interview (I) and Not Applicable (NA)	Is used to elaborate and discuss the question and/or conformance to the question by giving related references and document sources based on which the finding is issued or evidence is checked	Either acceptable based on the evidence provided (OK), non-compliance with the requirement (CAR), further clarification (CL) due to insufficient, unclear or not transparent information, forward action request (FAR) that needs to be solved during the next periodic verification

The usage description of Table-2 in the Verification Protocol is explained in Table 2-6 below:

Table 2-6: Explanation about Table-2 in Verification Protocol

Draft Report Clarifications, Forward Action and Corrective Action Requests by Verification Team	Ref. to Questions in Table-1	Summary of Project proponents' Response	Verification Team Conclusion
The all CL, FAR and CARs determined during the draft verification report should be listed here	Gives reference to the checklist questions in Table-1 of Verification Protocol	Is used to summarize the responses by Project proponents regarding the non-conformities	Is used to summarize the responses by verification and their conclusions

The Verification Protocol is filled out by the verification team in line with the descriptions above; all CARs, CLs and FARs are listed in a transparent and clear manner.

During the verification process, a Verification Protocol (attached as Appendix 1 to this verification report) was used to submit the findings to the Project proponent(s).

In line with Re Carbon Ltd.'s internal terminology and VCS Standard Version 4.4, the team reports the non-conformities in forms of Corrective Action Requests (CARs), Clarification Requests (CLs) and Forward Action Requests (FARs). When and for which type of non-conformities CARs, CLs and FARs are issued is explained below:

The verification team raises a **CAR** if one of the following occurs:

- Non-conformities with the monitoring plan or methodology are found in the monitoring and reporting, or if the evidence provided to prove conformity is insufficient.
- Mistakes have been made in applying assumptions, data or calculations of emission reductions that will impair the estimate of emission reductions.
- Issues identified in a FAR during validation to be verified during verification have not been resolved by the Project proponents.

The verification team raises a **CL** if information is insufficient, not transparent or not clear enough to determine whether the applicable CDM and/or VCS requirements have been met.

The verification team raises a **FAR** during verification for actions where the monitoring and reporting require attention and/or adjustment for the next verification period.

According to these principles a total of 14 CARs and 04 CLs were issued, all of which are listed in the Verification Protocol. There hasn't been any Forward Action Request (FAR) issued during the verification process.

The appointment process of the verification team considers the technical area(s), sectoral scope(s), and relevant host country experience, required amongst team members for the verification of the emission reductions, achieved by the project activity in the relevant monitoring period for this verification. The relevant VCS verification and previous ITR experiences are also assessed during the selection of the team members and the Independent Technical Reviewer (ITR), respectively. The verification team and ITR were assigned to this verification activity on 17/05/2022, taking all the above factors into consideration, and as a result of the contract review process.

The verification team and ITR details are given in Table 2-7 below:

Table 2-7: Verification team and ITR details

Name	Role	Host Country Experience	Scope Coverage	Technical Expertise	Involvement*
Mr. Anıl SÖYLER	Team Leader	☒	☒	☒	A, DR, RA, R
Ms. Öykü YAKUPOĞLU	Verifier	☒	☒	☒	A, DR, R
Mr. Rohit BADAYA	ITR	☒	☒	☒	ITR

* Explanations for the abbreviations used for involvement types are as follows:

A : Administrative

DR : Desk Review

SV : Site Visit

RA : Remote (Online) Assessment²

R : Reporting

ITR : Independent Technical Review

² The physical site visit was not executed due to "COVID-19 outbreak. Instead of that, alternative approaches like getting project site equipment details and site pictures, interviewing some available local stakeholders, checking signed documents by the local stakeholders if there are any feedbacks about the project and announcements by PP about PP's contact details in case of any complaints/ comments in the close surrounding locations etc. have been implemented through online means.

As a final step of verification, the final documentation including the verification report and its annexes have to undergo an internal quality control by Re Carbon Ltd. This quality control is also referred to as Independent Technical Review process.

The Independent Technical Review is performed by another Team Leader who hasn't involved in the verification activities of this project activity. When the Team Leader finalizes the Verification Report, the report is sent to Independent Technical Reviewer, at this stage not only the report but all the supporting documents like emission factor calculations, supporting documents, relevant excel sheets etc. are reviewed.

Further CLs and CARs can be issued by the Independent Technical Reviewer during this review, to cover all the points that may need further clarification.

After all the CLs and CARs are closed, the verification report is reviewed and approved by the Team Leader, ITR and the Certification Manager/General Manager, and the request of issuance is submitted to the VCS Organization in line with the positive verification opinion and along with the all relevant documents.

2.5.1 Forward Action Requests

The verification team raises a FAR during the verification for actions if the monitoring and reporting require attention and/or adjustment in the next verification period, as explained in Section 2.5.

According to these principles, there hasn't been any FAR issued during this verification process.

2.6 Eligibility for Validation Activities

Re Carbon Ltd. holds accreditation for the validation and verification activities in scope 1: "Energy Industries – Renewable/Non-renewable Sources" in which the project activity falls into.

3 VALIDATION FINDINGS

3.1 Participation under Other GHG Programs

The project does not participate under any emission trading program and other GHG Programs including renewable energy certificates (RECs) and this is also confirmed by the PP through the signed and sealed letter by PP dated as 10/10/2022.

Furthermore, double counting issue has also been assessed and the verification team has also checked the I-REC Registry (<https://evident.services/device-register>) wherein in total 354 projects from Turkey are listed as of this verification report date and this project isn't available within I-REC Registry database. Similarly, Gold Standard project database (<https://registry.goldstandard.org/projects?q=&page=1>) and GCC project database (https://projects.globalcarboncouncil.com/pages/submitted_projects) were checked and this project isn't available within Gold Standard and GCC projects' databases, either. Given that CDM projects are not applicable in Turkey and the project does not appear on domestic REC scheme, I-REC, Gold Standard and GCC registries, it could be confirmed that no RECs and other VER carbon credits are being issued for the project at the time of this verification.

That means, the only other eligible GHG programs in the host country is Gold Standard and Global Carbon Council (GCC) and the certification program is Renewable Energy Certification (REC), and the project hasn't been listed in any of them, hence Re Carbon Ltd. confirms that the project has not participated or been rejected under any other GHG programs since the validation.

3.2 Methodology Deviations

N/A (There haven't been any methodology deviations applied).

3.3 Project Description Deviations

Although there haven't been any change on project's capacity, design, characteristics and project owner comparing with the registered project activity, the other entity involved in the project as carbon consultant was Rüzgar Danışmanlık Ltd. in the project description. However, it's been changed as Sekans Enerji Limited Şirketi at the time of this verification process as indicated in the monitoring report.

Re Carbon Ltd. hereby confirms that the mentioned changes have no impact on the project to be in compliance with the VCS rules and requirements and on the applicability of the methodology, additionality and the appropriateness of the baseline scenario.

3.4 Grouped Project

The project is not a grouped project.

4 VERIFICATION FINDINGS

4.1 Project Implementation Status

Compliance of the Project Implementation with the Registered PD:

According to the registered PD, the estimated annual emission reduction is 90,271 tCO₂e and corresponding total estimated amount for the monitoring period is 105,357 tCO₂e. The actual values achieved for the current monitoring period is 109,358 tCO₂e. The actual amount of emission reduction for the current monitoring period is about 3.8% more than the estimated emission reduction amount. However, considering the project's long life time, yearly fluctuations in wind and the high uncertainty for wind speed estimation, the average increase throughout the monitoring period as 7.3% is deemed acceptable. Besides that, the difference in the values does not lead to a substantial increment of the emission reduction (ER) in this period in relation to the estimates in the registered PD, either.

The project also contributes to SDG 7 (Affordable and Clean Energy with 199,888.77 MWh net electricity generation), SDG 8 (Decent Work and Economic Growth with 15 employed staff during the recent year of operation period and all are permanent staff) and SDG-13 (Climate Action with achieved emission reduction of 109,358 tCO₂e) during the monitoring period.

The project was fully commissioned on 05/12/2016 which was verified by the provisional acceptance protocol. The project activity does not consist of more than one site and does not have any phased implementation.

The GHG emission reductions generated by the project are not included in an emission trading program or any other mechanism that includes GHG allowance trading, because of the position of the host country.

The project activity has not received any other form of environmental credits, as there are no such crediting schemes in the host country as declared by the PP.

Remaining Issues from Validation or Previous Verifications

There hasn't been any issued Forward Action Requests (FARs) from the previous verification stage in line with the provided verification report version 1.2 dated as 16/09/2021.

Compliance of the Monitoring Plan with the Monitoring Methodology

The monitoring plan is in accordance with the approved methodology, ACM0002 version 17.0, applied by the project activity.

In line with the methodology and the registered PD, the only monitored parameter is the quantity of net electricity generation supplied by the project plant to the grid ($EG_{\text{facility},y}$) as in below:

- **$EG_{\text{facility},y}$** : The quantity of net electricity delivered to the grid has been calculated with the EPIAS (the financial settlement centre of TEIAS) records provided to the PP by TEIAS. The net electricity is measured continuously by one main electricity meter at the grid interface and recorded monthly. There is also one back up electricity meter. That means the electricity generation and consumption values have been determined through the summation of the measured values of the main meter and checked through the back up meter. All readings and billings are done via EPIAS system which is the legal database of the Ministry of Energy

and Natural Resources in Turkey. During this verification, all EPIAS and TEIAS meter reading protocol records have been reviewed by the verification team. The project mainly uses its own electricity however during the times when there is no generation, the project imports electricity from the grid. There are also internal reviews of the metered data which is checked by different parties. The EPIAS records are considered as the main source for the net electricity and the values are crosschecked with the Meter Reading Forms.

All data collected as part of monitoring will be archived electronically by the project owner and be kept at least for 2 years after the end of the last crediting period.

CAR-11 was issued regarding the monitoring and it had been closed out as detailed in Appendix-1.

Compliance with the Calibration Frequency Requirements for Measuring Instruments:

The net electricity is measured continuously by one main electricity meter at the grid interface and recorded monthly. There is also one back up electricity meter.

The calibrated electricity meters were installed as per the regulations. Although, re-calibration is required after ten years, nevertheless, in case of irregular difference between main and cross-check spare meters, TEIAS (grid company) responsible are informed for the intervention. That means, TEIAS is responsible for the calibration and maintenance of the meters. The tests for the meters were performed on 06/12/2016 (initial meter test), 25/11/2018 and 10/10/2020, respectively and those test reports were provided to VVB.

The serial number of the currently available main meter (Itron model and accuracy class is 0.2s) is 73055353 and that of back up meter (Itron model and accuracy class is 0.2s) is 73055354, respectively and these have been verified through the meter test protocols. All these meters are bi-directional (meter the energy in two directions – generation and consumption).

CL-3 was issued regarding the calibration and meter testing and this CL had been closed as detailed in Appendix-1.

As a result of the reviewed documents, Re Carbon Ltd. hereby confirms that the project is fully implemented according to the description given in the registered PD.

It can also be confirmed through the reviewed documents that all physical features of the project activity including data collecting systems and storage have been implemented in accordance with the registered PD. The project activity is completely operational and the same has been confirmed through the provided evidences including EPIAS records, TEIAS meter reading protocols, electricity meter test protocols and the photos of electricity meters.

4.2 Safeguards

4.2.1 No Net Harm

There hadn't been any observed significant environmental impact of the project activity as indicated in the registered PD and this was also confirmed through the reviewed documents. The EIA not necessary decision dated as 15/02/2012 by İzmir Provincial Directorate of Ministry of Environment and Urbanization was also provided by the PP.

Besides that, the photos of waste storage areas and the hazardous waste transfer and disposal forms dated as 08/10/2021 and 28/12/2021 and waste water transfer and disposal records dated

as 21/09/2021, 16/11/2021, 12/01/2022, 08/03/2022, 25/04/2022 and 26/05/2022 have been provided by the PP.

4.2.2 Local Stakeholder Consultation

There hadn't been any complaint raised by the interviewed local stakeholders during the online (remote) verification site visit as detailed in Section 2.3.

The local stakeholders as stated in the Table 2-2 above were interviewed about the following issues and there hadn't been any complaint by the interviewed local stakeholders during the online (remote) site visit:

- Noise due to the project activity
- Impact on the flora and fauna including bird life
- Sufficiency of local employment (The interviewed local stakeholders were pleased in general about the provided local employment opportunities by the PP)
- Waste management practices implemented by PP

It was also concluded that the grievance mechanism is in place and this was also confirmed by the interviewed local stakeholders during the online (remote) site visit. The documents showing the contact details of the relevant person within PP with the signatures of Kodukburun, Poyracık and Mustaklar Villages' Mukhtars (Village Heads) and dated as 10/10/2022 were also provided to VVB.

Therefore, it could also be concluded that there hasn't been any complaint during the monitoring period in line with the provided records, information by PP and interviews with some local stakeholders.

4.3 AFOLU-Specific Safeguards

N/A (The project activity is not an AFOLU project.)

4.4 Accuracy of GHG Emission Reduction and Removal Calculations

EPIAS records are presented for all months of the monitoring period. All data in emission reductions table are checked with EPIAS records as the main source and crosschecked with TEIAS meter reading protocol records. The net electricity generated during the current monitoring period was as follows in Table 4-1 below:

Table 4-1: Net Electricity Generation

Period	Amount	Compliance Check
01/05/2021 - 31/12/2021	Export to Grid: 119,967.21 MWh Import from Grid: 445.59 MWh Net electricity supplied to grid: 119,521.62 MWh	EPIAS Records
01/01/2022 - 30/06/2022	Export to Grid: 80,706.78 MWh Import from Grid: 339.63 MWh Net electricity supplied to grid: 80,367.15 MWh	EPIAS Records
Total	Export to Grid: 200,673.99 MWh Import from Grid: 785.22 MWh Net electricity supplied to grid: 199,888.77 MWh	EPIAS Records

Emission factor and data and parameters available before validation are also applied in line with the registered PD and baseline excel sheet for validation.

According to the applied methodology ACM0002 version 17.0 and the registered PD, the GHG emission reductions are calculated as follows:

$$ER_y = BE_y - PE_y$$

Where:

ER_y = Emission reductions in year y (tCO₂e/yr)

BE_y = Baseline emissions in year y (tCO₂e/yr)

PE_y = Project emissions in year y (tCO₂e/yr)

The project emissions of the project are equal to zero in line with the applied methodology. Therefore, the emission reductions generated during the monitoring period are equal to baseline emissions.

The baseline emissions in the monitoring period are calculated using the following formula:

$$BE_y = EG_{PJ,y} * EF_{grid,CM,y}$$

Where;

BE_y = Baseline emissions in year y (tCO₂/y)

$EG_{PJ,y}$ = Quantity of net electricity generation that is produced and fed into the grid as a result of the implementation of the project activity in year y (MWh/y)

$EF_{grid,CM,y}$ = Combined margin CO₂ emission factor for grid connected power generation in year y calculated using the latest version of the "Tool to calculate the emission factor for an electricity system" (tCO₂ / MWh)

Since the project is a greenfield renewable power plant:

$EG_{PJ,y} = EG_{facility,y}$ = The amount of net electricity produced and fed into the grid by the project in year y.

Combined margin CO₂ emission factor ($EF_{grid,CM,y}$) is calculated once during the validation of the project activity and is valid throughout the first crediting period of 10 years.

It has been confirmed that the data used for emission reductions are correct. The grid emission factor taken is 0.5471 tCO₂ / MWh and the value is same as fixed ex-ante in the registered PD.

It is also confirmed that the methods and formulae used for calculating baseline emissions are in line with the relevant methodology and the registered PD. The net electricity generation is multiplied with the grid emission factor to arrive at the emission reductions value.

According to the registered PD, the estimated emission reduction for this monitoring period would be 105,357 tCO₂e corresponding to the monitoring period. However, the project in operation totally reached 109,358 tCO₂e in this period.

The vintage break-up of the emission reductions during the current monitoring period was as follows in Table 4-2 below:

Table 4-2: Emission Reductions

Period	Emission reductions (tCO ₂ e)
01/05/2021 – 31/12/2021	65,390
01/01/2022 – 30/06/2022	43,968

The calculations have been reproduced by VVB and the source data (EPIAS screenshots) are presented by PP as explained above.

CAR-12, CAR-13 and CAR-14 were issued regarding the emission reduction calculations and the data used for these calculations and it had been closed as detailed in Annex-1.

Re Carbon Ltd. hereby confirms that the above mentioned electricity generation figures and GHG emission reduction calculations are presented and quantified correctly and are in accordance with the monitoring methodology ACM0002 version 17.0 and the monitoring plan given in the registered PD.

4.5 Quality of Evidence to Determine GHG Emission Reductions and Removals

The GHG emission reductions are a function of the net electricity generated and fed into the grid by the project activity and the combined margin emission factor which is determined during validation for the initial crediting period. According to the validation report version 02 dated 21/12/2017, the combined margin emission factor had been validated and will remain the same for the first crediting period of 10 years as 0.5471 tCO₂ / MWh.

The only parameter that needs to be closely verified is the net electricity generation and this value is taken from the monthly TEIAS meter reading protocol records which are along with the EPIAS records are the basis for billing and these records for each month has been submitted to and

reviewed. They are recorded and saved automatically by the relevant government authority and there is no base for any option of material information.

Level of materiality is ensured by application of “Guideline on the Application of Materiality in Verifications” version 02. To guarantee this level of assurance, all data that is used in the GHG emission reduction calculations have been reviewed without any sampling.

As a cross check means, TEIAS meter reading protocol records which include the monthly generation and consumption figures of the plant for every month have been reviewed by the verification team.

The electricity meter calibration and test details have been verified and the same is available in the Section 4.2 of the report.

Therefore, Re Carbon Ltd. hereby confirms that the evidence used to determine the GHG emission reductions are sufficient in quantity and appropriate in quality.

4.6 Non-Permanence Risk Analysis

N/A. (The project isn't an AFOLU project).

5 VERIFICATION CONCLUSION

Re Carbon Ltd. performed the third verification of “Kınık Wind Power Plant”, a VCS project with the VCS registry reference number “1732” for the period in between 01/05/2021 and 30/06/2022. The scope of the activities covers the verification and certification of GHG emissions reductions, reported in the Monitoring Report Version 03 dated 04/01/2023 of “Kınık Wind Power Plant”.

Sekans Enerji Limited Şirketi was responsible for the preparation of the GHG emissions data and the reported GHG emissions reductions of the project on the basis set out within the project Monitoring Plan, as indicated in the final PD. The development and maintenance of records and reporting procedures in accordance with that plan (including the calculation and determination of GHG emission reductions from the project) are under the responsibility of the management of the Project. The development and maintenance of the records and the related monitoring procedures are in accordance with the Monitoring Report Version 03.

The verification was performed by a verification team consisting of “Anıl Söyler as the team leader, Öykü Yakupoğlu as the verifier and Rohit BADAYA as the ITR”, and the project activity was checked against the applicable rules and regulations of VCS Version 4.4.

Re Carbon Ltd. hereby confirms that the project activity “Kınık Wind Power Plant” in Turkey is implemented in accordance with the validated and registered PD version 0.3 and dated 05/12/2017. The monitoring system is in place and the emission reductions were calculated without material misstatements as per the applied approved methodology which is “ACM0002 version 17.0”.

Re Carbon Ltd. confirms the following based on the results of the document review and the online (remote) assessment for the period between 01/05/2021 and 30/06/2022:

Year	Baseline emissions or removals (tCO ₂ e)	Project emissions or removals (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions or removals (tCO ₂ e)
2021	65,390	0	0	65,390
2022	43,968	0	0	43,968
Total	109,358	0	0	109,358



Anıl SÖYLER

Team Leader

05/01/2023



Rohit BADAYA

ITR

09/01/2023



Esin TUNALI

Certification Manager

09/01/2023

APPENDIX 1: VERIFICATION PROTOCOL

Table 1 - (VCS Monitoring Report (MR) Form, VCS and CDM Verification Requirements)

Question	Reference	Means of verification *	Findings, comments, references and document sources	Draft opinion	Final opinion
Cover Page and General Requirements					
1 Are all items in the box at the bottom of the cover page completed using Arial or Century Gothic 10.5pt, black, regular (non-italic) font?	VCS MR Template Version 4.1	DR	Please utilize Arial or Century Gothic 10.5 pt, black, regular (non-italic) font for all items in the MR.	CAR-1	OK
2 Are the followings provided at the cover page in a tabular format?	VCS MR Template Version 4.1	DR	Please see in below.	OK	OK
2.1 Name of the project?	VCS MR Template Version 4.1	DR	This is available as “Kınık Wind Power Plant”.	OK	OK
2.2 Version number of the VCS MR?	VCS MR Template Version 4.1	DR	This is available as “1” for the first submission.	OK	OK
2.3 Report ID of the document	VCS MR Template Version 4.1	DR	This is available as “KINIK3MONITORING”.	OK	OK
2.4 The issuance date of the document in DD-Month-YYYY format?	VCS MR Template Version 4.1	DR	This is available as “09-08-2022” for the first submission.	OK	OK
2.5 VCS project database ID, if registered	VCS MR Template Version 4.1	DR	This is available as “1732”.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
2.6 Monitoring period in DD-Month-YYYY to DD-Month-YYYY format	VCS MR Template Version 4.1	DR	This is available as “01-May-2021 to 30-June-2022”.	OK	OK
2.7 Individual or entity that prepared the document?	VCS MR Template Version 4.1	DR	This is available as “Sekans Enerji Ltd. Şti.”.	OK	OK
2.8 Physical address, telephone, email, website?	VCS MR Template Version 4.1	DR	Please indicate the website for contact information in the cover page of the MR.	CAR-2	OK
3 Is this box available on the title page of the final document?	VCS MR Template Version 4.1	DR	The box is available.	OK	OK
4 Is there “Table of Contents” in the VCS MR?	VCS MR Template Version 4.1	DR	Please include the page numbers in the MR.	CL-1	OK
5 Is the VCS MR used as a basis for verification prepared in accordance with the latest template and guidance from the VCS?	VCS MR Template Version 4.1	DR	The latest template is used.	OK	OK
6 Are the VCS MR and other documents required under the VCS Program in English?	VCS Std. Version 4.3	DR	MR and all other required documents are in English except for some legal permit documents since they are in Turkish.	OK	OK
1. PROJECT DETAILS					
1.1. Summary Description of the Implementation Status of Project					
1.1.1. Has a brief summary of the project description provided under Section 1.1 of the MR?	VCS MR Template Version 4.1 CDM-MR-FORM Version 9.0	DR	a) Please correct the reference to India and contact email in the project proponent information of project's VCS registry link. b) The net total electricity generation value specified in Section 1.1 is different from	CAR-3	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
			the generation value specified in Excel sheet. Please clarify the same.		
1.1.2. Has the purpose of the project activity and the measures taken to reduce greenhouse gas emissions been provided under section 1.1 of the MR?	VCS MR Template Version 4.1 CDM-MR-FORM Version 9.0	DR	The purpose of the project activity is clearly stated.	OK	OK
1.1.3. Has a brief description of the installed technology and equipment been provided under Section 1.1 of the MR?	VCS MR Template Version 4.1 CDM-MR-FORM Version 9.0	DR	Please include the technical specifications of the generators in Section 1.1 of the MR.	CAR-4	OK
1.1.4. Has the relevant dates for the project activity (e.g. construction, commissioning, continued operation periods, etc.) been provided under Section 1.1 of the MR?	VCS MR Template Version 4.1 CDM-MR-FORM Version 9.0	DR	Please indicate the date of EIA approval in Section 1.1 of the MR.	CAR-5	OK
1.1.5. Has the total emissions reductions achieved in this monitoring period been provided under Section 1.1 of the MR?	VCS MR Template Version 4.1 CDM-MR-FORM Version 9.0	DR	The total emission reduction is indicated in Section 1.1 of the MR.	OK	OK
1.2. Sectoral Scope and Project Type					
1.2.1. Is it indicated whether this a grouped project under Section 1.2 of the MR?	VCS MR Template Version 4.1	DR	N/A (The project activity is not a grouped project).	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
1.2.2. Is the sectoral scope(s) applicable to the project indicated?	VCS MR Template Version 4.1	DR	This is available as Scope 1: Energy industries (renewable - / nonrenewable sources).	OK	OK
1.2.3. Is the category of the project activity specified?	VCS MR Template Version 4.1	DR	N/A (Since this isn't an AFOLU project, the category is not applicable).	OK	OK
1.3. Project Proponent					
1.3.1. Are the contact information for the project proponent(s) provided in the tabular format?	VCS MR Template Version 4.1	DR	This is available.	OK	OK
1.4. Other Entities Involved in the Project					
1.4.1. Are the contact information and roles/responsibilities for any other entities involved in the development of the project provided?	VCS MR Template Version 4.1	DR	This is available.	OK	OK
1.5. Project Start Date					
1.5.1. Is the project start date (the date on which the project began reducing or removing GHG emissions) indicated in day, month and year format?	VCS MR Template Version 4.1	DR	This is available as "05/12/2016".	OK	OK
1.6. Project Crediting Period					

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
1.6.1. Is the total crediting period including the day, month and year for the start and end dates and the total number of years indicated?	VCS MR Template Version 4.1	DR	This is available as "05/12/2016 - 04/12/2026".	OK	OK
1.7. Project Location					
1.7.1. Has complete information on the location of the project activity, including town, city, country and GPS coordinates been provided under Section 1.7 of the MR?	VCS MR Template Version 4.1	DR	This has been provided.	OK	OK
1.8. Title and Reference of Methodology					
1.8.1. Is the following information provided regarding the methodology(s) applied to the project?	VCS MR Template Version 4.1	DR	Please see in below.	OK	OK
1.8.1.1. The title of the methodology(ies)	VCS MR Template Version 4.1	DR	This is available.	OK	OK
1.8.1.2. The reference of the methodology(ies)	VCS MR Template Version 4.1	DR	This is available.	OK	OK
1.8.1.3. The version number of the methodology(ies)	VCS MR Template Version 4.1	DR	This is available.	OK	OK
1.8.2. Is the following information provided regarding the tool(s) applied to the project?	VCS MR Template Version 4.1	DR	Please see below.		

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
1.8.2.1. The title of the tool(s)	VCS MR Template Version 4.1	DR	This is available.	OK	OK
1.8.2.2. The version number of the tool(s)	VCS MR Template Version 4.1	DR	This is available.	OK	OK
1.9. Participation under Other Programs					
1.9.1. Has it been indicated whether the project has been registered or seeking registration under any other GHG programs?	VCS MR Template Version 4.1	DR	Please provide the signed and sealed letter on company letterhead that the project hasn't been registered, or hasn't been seeking registration under any other GHG programs.	CAR-6	OK
1.9.2. If the project has been registered under any other GHG programs, have the PPs provided the registration number and details?	VCS MR Template Version 4.1	DR	Please see CAR-6.	CAR-6	OK
1.9.3. If the project has been registered under any other GHG programs, have the details of any GHG credits claimed under such programs been provided in the Section 1.9 of the MR?	VCS MR Template Version 4.1	DR	Please see CAR-6.	CAR-6	OK
1.10. Other Forms of Credit					
1.10.1. Does the project reduce GHG emissions from activities that are included in an emissions trading program; or any other mechanism that includes GHG allowance trading?	VCS MR Template Version 4.1	DR	Please provide the signed and sealed letter on company letterhead that project hasn't been included in emissions trading program; or any other mechanism that includes GHG allowance trading.	CAR-7	OK
1.10.2. If the project reduces GHG emissions from activities that are	VCS MR	DR	Please see CAR-7.	CAR-7	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
included in an emissions trading program; or any other mechanism that includes GHG allowance trading, have the PPs provided evidence on the following?	Template Version 4.1				
1.10.2.1. the reductions or removals generated by the project have or will not be used for compliance under such program(s) or mechanism(s)	VCS MR Template Version 4.1	DR	Please see CAR-7.	CAR-7	OK
1.10.3. Have the project(s) created other forms of environmental credit (for example renewable energy certificates)?	VCS MR Template Version 4.1	DR	Please see CAR-7.	CAR-7	OK
1.10.4. If the project(s) created other forms of environmental credit (for example renewable energy certificates), has the PPs provided all relevant information about the GHG-related environmental credits and the related program?	VCS MR Template Version 4.1	DR	Please see CAR-7.	CAR-7	OK
1.10.5. Have all other programs under which the project is eligible to participate (to create another form of GHG-related environmental credit) been listed?	VCS MR Template Version 4.1	DR	Please see CAR-7.	CAR-7	OK
1.11. Sustainable Development Contributions					
1.11.1. Is a brief description provided including the following (no more than 100 words):	VCS MR Template Version 4.1	DR	a) Please correct the values “Contributions over Project Lifetime” of SDG 7, SDG 8 and SDG 13 in Table 1 in Section 1.11 of the MR considering the project lifetime.	CAR-8	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
			b) Please indicate the details of each SDG contributions in the ER Calculation Excel sheet.		
1.11.1.1. A summary description of project activities implemented during the monitoring period that result in SD contributions (i.e., technologies/measures implemented, activity location).	VCS MR Template Version 4.1	DR	Please see CAR-8.	CAR-8	OK
1.11.1.2. An explanation of how project activities result in the SD contributions described in Table 1 of MR	VCS MR Template Version 4.1	DR	Please see CAR-8.	CAR-8	OK
1.11.1.3. Has it been identified of which SD contributions described in Table 1 of MR contributes to achieving any nationally stated sustainable development priorities, including any provisions for monitoring and reporting same?	VCS MR Template Version 4.1	DR	Please see CAR-8.	CAR-8	OK
1.11.1.4. Is evidence of the project's SD contributions provided as appendices to MR?	VCS MR Template Version 4.1	DR	Please see CAR-8.	CAR-8	OK
1.11.2. Are activities implemented during the monitoring period described in MR? Activities implemented during previous monitoring periods shall not be described in MR. Where no activities were implemented during the monitoring period, state as such.	VCS MR Template Version 4.1	DR	Please see CAR-8.	CAR-8	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
1.11.3. Are the project's quantifiable contributions to specific targets and indicators of the Sustainable Development Goals (SDGs) for the monitoring period provided using Table 1?	VCS MR Template Version 4.1	DR	Please see CAR-8.	CAR-8	OK
1.11.3.1. Is the official list of SDG Targets and Indicators (available in MR) used to identify the SDG Targets to which the project has contributed?	VCS MR Template Version 4.1	DR	Please see CAR-8.	CAR-8	OK
1.11.3.2. Is evidence for each contribution identified in accordance with Section 1.11?	VCS MR Template Version 4.1	DR	Please see CAR-8.	CAR-8	OK
1.11.4. Are Contributions aligned with the SDGs, as follows?	VCS MR Template Version 4.1	DR	Please see CAR-8.	CAR-8	OK
1.11.4.1. Where possible, are all contributions related to official SDG targets and indicators?	VCS MR Template Version 4.1	DR	Please see CAR-8.	CAR-8	OK
1.11.4.2. For climate change mitigation impacts, is "13.0" written in the SDG target column of Table 1 and is the indicator "Tonnes of greenhouse gas emissions avoided or removed" used?	VCS MR Template Version 4.1	DR	Please see CAR-8.	CAR-8	OK
1.11.4.3. Where a project's self-defined measure for tracking a benefit does not align with an official SDG indicator is a project-specific indicator that relates	VCS MR Template Version 4.1	DR	Please see CAR-8.	CAR-8	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
to the most appropriate SDG target written in Table 1?					
1.11.5. Are total project contributions since the project start date, previous SD contribution monitoring period, or VCS monitoring period in the "Current Project Contributions" column and the cumulative contributions over the project lifetime documented in the "Contributions Over the Project Lifetime" column in Table 1 of MR?	VCS MR Template Version 4.1	DR	Please see CAR-8.	CAR-8	OK
1.11.6. Is the cumulative impact calculated by summing the current project contributions with all impacts included in previously approved VCS monitoring reports or Sustainable Development Contribution Reports?	VCS MR Template Version 4.1	DR	Please see CAR-8.	CAR-8	OK
2. SAFEGUARDS					
2.1. No Net Harm					
2.1.1. Has it been summarized by PPs any potential negative environmental and socio-economic impacts of the project activity and the steps taken to mitigate them?	VCS MR Template Version 4.1	DR	Please provide the following documents: - Waste water storage tank photographic evidences - Domestic waste disposal records - The noise assessment report, if any	CL-2	OK
2.2. Local Stakeholder Consultation					

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
2.2.1. Has the process regarding the local stakeholder consultation been described by PPs including the following?	VCS MR Template Version 4.1	DR	a) Please indicate details of ongoing communication for the current monitoring period in Section 2.2 of the MR. b) Please provide the procedures or methods used for documenting the outcomes of the local stakeholder communication in the Section 2.2 of the MR. c) Please clarify whether there is any complaint during the monitoring period in the Section 2.2 of the MR. d) Please provide the signed document about the contact details of the PP relevant staff in case of any complaint by relevant villages and whether there is any complaint received by the Mukhtar from the local stakeholders.	CAR-9	OK
2.2.1.1. The procedures or methods used for engaging local stakeholders (e.g. dates of announcements or meetings, periods during which input was sought)	VCS MR Template Version 4.1	DR	This is available.	OK	OK
2.2.1.2. The procedures or methods used for documenting the outcomes of the local stakeholder communication	VCS MR Template Version 4.1	DR	Please see CAR-9.	CAR-9	OK
2.2.1.3. The mechanism for on-going communication with local stakeholders conducted prior to verification	VCS MR Template Version 4.1	DR	Please see CAR-9.	CAR-9	OK
2.2.1.4. How due account of all and any input received during ongoing communication has been taken	VCS MR Template Version 4.1	DR	This is available.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
2.2.1.5. The details on any updates to the project design or justifying why updates are not appropriate.	VCS MR Template Version 4.1	DR	This is available.	OK	OK
3. IMPLEMENTATION STATUS					
3.1. Implementation Status of The Project Activity					
3.1.1. Has a description of the implementation and operational status of the project as of this monitoring period been provided under section 3.1 of the MR?	CDM-MR-FORM Version 9.0	DR	Please indicate the start date of operation of the project activity in the Section 3.1 of the MR. Please also see CAR-4.	CAR-10	OK
3.1.2. Has the installed technology(ies), technical process and equipment, including the diagrams, where appropriate, been included in section 3.1 of the MR?	CDM-MR-FORM Version 9.0	DR	Please see CAR-4.	CAR-4	OK
3.1.3. Has the starting date of operation of the project activity been provided under Section 3.1 of the MR?	CDM project standard for project activities §256b	DR	Please see CAR-10.	CAR-10	OK
3.1.4. If the project activity consists of more than one site, has the status of implementation and starting date of operation for each site been clearly described under Section 3.1 of the MR?	CDM project standard for project activities §256b	DR	N/A	OK	OK
3.1.5. If the implementation of the project activity planned to be realized in different phases, has the progress of the proposed VCS project activity	CDM project standard for project	DR	N/A	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
achieved in each phase been indicated under Section 3.1 of the MR?	activities §256b				
3.1.6. Do the actual project activity and its operation comply with the registered PD and/or an approved revised PD??	CDM validation and verification standard for project activities §354a	DR	Please see CAR-4 and CAR-10.	CAR-4 CAR-10	OK
3.1.7. Have the PPs implemented and operated the VCS project activity as per the descriptions contained in the registered PD?	CDM validation and verification standard for project activities §354b	DR	Please see CAR-4 and CAR-10.	CAR-4 CAR-10	OK
3.1.8. Are there any other changes (e.g. to project proponent or other entities) with respect to the registered project?	VCS MR Template Version 4.1	DR	This is available in Section 3.2.2 of the MR.	OK	OK
3.2. Deviations					
3.2.1. Methodology Deviations					
3.2.1.1. Are there any deviations from the methodology?	VCS MR Template Version 4.1	DR	N/A (There haven't been any deviations from the methodology).	OK	OK
• 3.2.1.2. If there are any deviations from the methodology, are these deviations described properly?	VCS MR Template Version 4.1	DR	N/A (There haven't been any deviations from the methodology).	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
3.2.1.3. If there are any deviations from the methodology, are these deviations justified properly and clearly?	VCS MR Template Version 4.1	DR	N/A (There haven't been any deviations from the methodology).	OK	OK
3.2.2. Project Description Deviations					
3.2.2.1. Are there any deviations from the registered project description?	VCS MR Template Version 4.1	DR	This is available.	OK	OK
3.2.2.2. If there are any deviations from the project description, are these deviations described properly?	VCS MR Template Version 4.1	DR	This is available.	OK	OK
3.2.2.3. If there are any deviations from the project description, are these deviations justified properly and clearly?	VCS MR Template Version 4.1	DR	This is available.	OK	OK
3.2.2.4. Is the outcome of the deviation from the project description provided?	VCS MR Template Version 4.1	DR	This is available.	OK	OK
3.2.2.5. Has it been described and reported on any project description deviations applied in previous monitoring reports?	VCS MR Template Version 4.1	DR	This is available.	OK	OK
3.3. Grouped Projects					

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
3.3.1. Is this a grouped project?	VCS MR Template Version 4.1	DR	N/A (The project isn't a grouped project).	OK	OK
3.3.2. If it is a grouped project, is the relevant information about new instances of the project activity(ies) provided?	VCS MR Template Version 4.1	DR	N/A (The project isn't a grouped project).	OK	OK
3.3.3. If it is a grouped project, is it demonstrated clearly and transparently that each new instance of the project activity(s) meets the eligibility criteria set out in the project description?	VCS MR Template Version 4.1	DR	N/A (The project isn't a grouped project).	OK	OK
4. DATA AND PARAMETERS					
4.1. Data and Parameters Available at Validation					
4.1.1. Has all the data that is determined only once for the crediting period but are used after registration of the project, been listed under Section 4.1 using the tabular format?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	All data and parameters that is determined only once for the crediting period but are used after registration of the project are available under Section 4.1 of the MR.	OK	OK
4.1.2. If all the data that is determined only once for the crediting period but are used after registration of the project, does the listed data include all the parameters used to calculate baseline, project and leakage emissions as well as other relevant parameters required by the approved methodology and the monitoring plan?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is available.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.1.3. In the data/parameter tables provided under Section 4.1 of the MR, for each data has the name of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is in line with the registered PD.	OK	OK
4.1.4. In the data/parameter tables provided under Section 4.1 of the MR, for each data has the unit of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is in line with the registered PD.	OK	OK
4.1.5. In the data/parameter tables provided under Section 4.1 of the MR, for each data has the description of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is in line with the registered PD.	OK	OK
4.1.6. In the data/parameter tables provided under Section 4.1 of the MR, for each data has the source of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is in line with the registered PD.	OK	OK
4.1.7. In the data/parameter tables provided under Section 4.1 of the MR, for each data has the values applied of the data/parameters given in accordance with the	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is in line with the registered PD.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
registered VCS PD and the applied approved methodology?					
4.1.8. In the data/parameter tables provided under Section 4.1 of the MR, for each data has the justification of choice of data or description of measurement methods and procedures applied been provided?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is in line with the registered PD.	OK	OK
4.1.9. In the data/parameter tables provided under Section 4.1 of the MR, for each data has it been indicated what the data/parameters are used for (baseline/project /leakage emission calculations)?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is in line with the registered PD.	OK	OK
4.2. Data and Parameters Monitored					
4.2.1. Has all the data that are monitored been listed under Section 4.2 using the tabular format?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	a) Please include the meter test details for the current monitoring period in the Section 4.2 of the MR. b) Please provide the photographic evidences of the electricity meters.	CL-3	OK
4.2.2. In the data/parameter tables provided under section 4.2 of the MR, for each data has the name of the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is in line with the registered PD.	OK	OK
4.2.3. In the data/parameter tables provided under section 4.2 of the MR, for each data has the unit of	CDM-MR-FORM Version 9.0	DR	This is in line with the registered PD.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
the data/parameters given in accordance with the registered VCS PD and the applied approved methodology?	VCS MR Template Version 4.1				
4.2.4. In the data/parameter tables provided under section 4.2 of the MR, for each data has it been described how the data is monitored?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is stated in the Section 4.2 of the MR.	OK	OK
4.2.5. In the data/parameter tables provided under section 4.2 of the MR, for each data has the source of data been indicated (like logbooks, daily records, surveys, etc.)?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is in line with the registered PD.	OK	OK
4.2.6. In the data/parameter tables provided under section 4.2 of the MR, for each data has the estimated values of the monitoring parameter been indicated?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is available.	OK	OK
4.2.7. In the data/parameter tables provided under section 4.2 of the MR, for each data has the QA/QC procedures being applied been given?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is available.	OK	OK
4.2.8. In the data/parameter tables provided under section 4.2 of the MR, for each data has the purpose of data been given?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is available.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.2.9. If applicable, has the calculation method, including any equations, used to establish the data/parameter been given?	VCS MR Template Version 4.1	DR	This is available.	OK	OK
4.2.10. In the data/parameter tables provided under section 4.2 of the MR, for each data has it been indicated what types of equipment are used to monitor each parameter, including following, if applicable as per the monitoring plan?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is available.	OK	OK
4.2.10.1. Details on accuracy class	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is available as 0.2s.	OK	OK
4.2.10.2. The person/entity responsible for the measurement	VCS MR Template Version 4.1	DR	This is available.	OK	OK
4.2.10.3. Any standards or protocols to be followed	VCS MR Template Version 4.1	DR	This is available in the Section 4.2 of the MR.	OK	OK
4.2.10.4. Calibration frequency	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is available as 10 years.	OK	OK
4.2.10.5. Serial number	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is available.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.2.10.6. Calibration date	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is available.	OK	OK
4.2.10.7. Validity of the calibration	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is available as ten years.	OK	OK
4.2.11. In the data/parameter tables provided under section 4.2 of the MR, for each data has the measurement and recording frequency been indicated?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is available.	OK	OK
4.2.12. Is the calibration frequency for measuring equipment specified in the monitoring methodology, in the applied standardized baselines or in the monitoring plan??	CDM validation and verification standard for project activities §370 VCS Std. Version 4.3	DR	This is in line with the registered PD and relevant legal regulation.	OK	OK
4.2.13. If the calibration frequency for measuring equipment isn't specified in the monitoring methodology, guidance provided by the Board or the monitoring plan, are the equipment calibrated either in accordance with the specifications of the local/national	CDM validation and verification standard for project activities §370	DR	This is in line with the registered PD and relevant legal regulation.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
standards, or as per the manufacturer's specification?	VCS Std. Version 4.3				
4.2.14. If neither local/national standards nor the manufacturer's specification are available, have the international standards been used?	CDM validation and verification standard for project activities §370 VCS Std. Version 4.3	DR	This is in line with the registered PD and relevant legal regulation.	OK	OK
4.2.15. Is the calibration of the measuring equipment that have an impact on the claimed emission reductions conducted by the PPs at a frequency specified in the applied monitoring methodology and/or the monitoring plan?	CDM validation and verification standard for project activities §371 VCS Std. Version 4.3	DR	This is in line with the registered PD and relevant legal regulation.	OK	OK
4.2.16. Has the calibration been delayed and has the calibration been implemented after the monitoring period in consideration (i.e. the results of delayed calibration are available) for the certain monitoring period?	CDM validation and verification standard for project activities §366 VCS Std. Version 4.3	DR	This is in line with the registered PD and relevant legal regulation.	OK	OK
4.2.17. If the calibration is delayed and if the calibration is implemented after the monitoring period in consideration (i.e. the results of	CDM validation and verification	DR	N/A (The calibration of the meters is valid ten years).	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
delayed calibration are available) for the certain monitoring period, are one of the following approaches adopted by the PPs for the calculation of emission reductions?	standard for project activities §366 VCS Std. Version 4.3				
4.2.17.1. Applying the maximum permissible error of the instrument to the measured values taken during the period between the scheduled date of calibration and the actual date of calibration, if the results of the delayed calibration do not show any errors in the measuring equipment, or if the error is smaller than the maximum permissible error; or	CDM validation and verification standard for project activities §366a VCS Std. Version 4.3	DR	N/A (The calibration of the meters is valid ten years).	OK	OK
4.2.17.2. Applying the error identified in the delayed calibration test, if the error is beyond the maximum permissible error of the measuring equipment.	CDM validation and verification standard for project activities §366b VCS Std. Version 4.3	DR	N/A (The calibration of the meters is valid ten years).	OK	OK
4.2.18. If calibration is delayed and if the calibration is implemented after the monitoring period in consideration (i.e. the results of delayed calibration are available) for the certain monitoring period,	CDM validation and verification standard for project	DR	N/A (The calibration of the meters is valid ten years).	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
has the error been applied in following ways?	activities §367 VCS Std. Version 4.3				
4.2.18.1. The adjusted measured values of the delayed calibration result in fewer claimed emission reductions?	CDM validation and verification standard for project activities §367a VCS Std. Version 4.3	DR	N/A (The calibration of the meters is valid ten years).	OK	OK
4.2.18.2. For all measured values taken during the period between the scheduled date of calibration and the actual date of calibration?	CDM validation and verification standard for project activities §367b VCS Std. Version 4.3	DR	N/A (The calibration of the meters is valid ten years).	OK	OK
4.2.19. If the results of the delayed calibration aren't available, have PPs calculated the emission reductions conservatively?	CDM validation and verification standard for project activities §368	DR	N/A (The calibration of the meters is valid ten years).	OK	OK
4.2.20. If the results of the delayed calibration aren't available, have	CDM validation and	DR	N/A (The calibration of the meters is valid ten years).	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
post registration requirements been followed by the PPs?	verification standard for project activities §369				
4.2.21. Have any information about appropriate emission factors, IPCC default values and any other reference values that have been used in the calculation of emission reductions been given in detail in the MR?	CDM-MR-FORM Version 9.0 VCS Std. Version 4.3	DR	N/A	OK	OK
4.2.22. If the data that are monitored been listed under section 4.2 using the tabular format, does the listed data include all the parameters used to calculate baseline, project and leakage emissions as well as other relevant parameters required by the approved methodology and the monitoring plan?	CDM-MR-FORM Version 9.0 VCS Std. Version 4.3 CDM project standard for project activities §259	DR	EG _{facility,y} is the monitored parameter in line with the registered PD.	OK	OK
4.2.23. Is a complete set of data available for the specified monitoring period?	CDM validation and verification standard for project activities §373 VCS Std. Version 4.3	DR	EG _{facility,y} is the monitored parameter in line with the registered PD.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.3. Monitoring Plan					
4.3.1. Has a description of the monitoring system been provided under Section 4.3 of the MR?	CDM-MR-FORM Version 9.0 CDM project standard for project activities §258 VCS Std. Version 4.3	DR	The monitoring system is indicated in Section 4.3 of the MR.	OK	OK
4.3.2. Has information about the data collection procedures, including following been provided under Section 4.3 of the MR?	CDM-MR-FORM Version 9.0 CDM project standard for project activities §258 VCS Std. Version 4.3	DR	Please see in below.	OK	OK
4.3.2.1. Information flow including data generation	CDM-MR-FORM Version 9.0 CDM project standard for project activities §258 VCS Std. Version 4.3	DR	The details of the data generation is available and in line with the registered PD.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.3.2.2. Data aggregation	CDM-MR-FORM Version 9.0 CDM project standard for project activities §258 VCS Std. Version 4.3	DR	The details of the data aggregation is available and in line with the registered PD.	OK	OK
4.3.2.3. Data recording	CDM-MR-FORM Version 9.0 CDM project standard for project activities §258 VCS Std. Version 4.3	DR	The details of the data recording is available and in line with the registered PD.	OK	OK
4.3.2.4. Data calculation	CDM-MR-FORM Version 9.0 CDM project standard for project activities §258 VCS Std. Version 4.3	DR	N/A	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.3.2.5. Data reporting	CDM-MR-FORM Version 9.0 CDM project standard for project activities §258 VCS Std. Version 4.3	DR	Please indicate the details of data storage details including the data storage period in the Section 4.3 of the MR.	CAR-11	OK
4.3.3. Has organizational structure, roles and responsibilities of personnel, and emergency procedures for the monitoring system been provided under section 4.3 of the MR?	CDM-MR-FORM Version 9.0 CDM project standard for project activities §258 VCS Std. Version 4.3	DR	The organizational structure, roles and responsibilities are available in the Section 4.3 of the MR.	OK	OK
4.3.4. Regarding to the management and operational system, are the responsibilities and authorities for monitoring and reporting in accordance with the responsibilities and authorities stated in the monitoring plan?	CDM validation and verification standard for project activities §361b-(iv) VCS Std. Version 4.3	DR	The organizational structure, roles and responsibilities are available in the Section 4.3 of the MR.	OK	OK
4.3.5. Have quality assurance and quality control procedures been applied in accordance with the monitoring plan?	CDM validation and verification	DR	Please see CAR-10.	CAR-10	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
	standard for project activities §361e VCS Std. Version 4.3				
4.3.6. Are the procedures for handling internal auditing and non-conformities described?	VCS Std. Version 4.3	DR	Please see CAR-10.	CAR-10	OK
4.3.7. Where appropriate, are the line diagrams to display the GHG data collection and management system included?	VCS Std. Version 4.3	DR	N/A (This is explained without any diagram).	OK	OK
4.3.8. If the sampling approaches used in the monitoring plan, has the following been included?	VCS Std. Version 4.3	DR	N/A (The sampling approach hasn't been used).	OK	OK
4.3.8.1. target precision levels	VCS Std. Version 4.3	DR	N/A (The sampling approach hasn't been used).	OK	OK
4.3.8.2. sample sizes	VCS Std. Version 4.3	DR	N/A (The sampling approach hasn't been used).	OK	OK
4.3.8.3. sample site locations	VCS Std. Version 4.3	DR	N/A (The sampling approach hasn't been used).	OK	OK
4.3.8.4. stratification	VCS Std. Version 4.3	DR	N/A (The sampling approach hasn't been used).	OK	OK
4.3.8.5. frequency of measurement and	VCS Std. Version 4.3	DR	N/A (The sampling approach hasn't been used).	OK	OK
4.3.8.6. QA/QC procedures	VCS Std. Version 4.3	DR	N/A (The sampling approach hasn't been used).	OK	OK
4.3.8.7. Demonstration on whether the required confidence/precision has been met.	CDM-MR-FORM Version 9.0	DR	N/A (The sampling approach hasn't been used).	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
4.3.9. Have the monitoring plan and the applied methodology been properly implemented and followed by the PPs?	CDM validation and verification standard for project activities §361a VCS Std. Version 4.3	DR	The monitoring plan and the applied methodology are properly implemented.	OK	OK
4.3.10. Has the monitoring of parameters (baseline / project / leakage / emission reduction) in the project activity been implemented in accordance with the monitoring plan contained in the registered PD or any accepted revised monitoring plan?	CDM validation and verification standard for project activities §361b-(i)-(ii)-(iii) VCS Std. Version 4.3	DR	This is in line with the registered PD.	OK	OK
4.3.11. Have all parameters stated in the monitoring plan, the applied methodology and relevant VCS requirements been sufficiently monitored and updated as applicable?	CDM validation and verification standard for project activities §361b VCS Std. Version 4.3	DR	All parameters are sufficiently monitored.	OK	OK
4.3.12. Are monitoring results consistently recorded and stored as per the approved frequency?	CDM validation and verification standard	DR	Please see CAR-10.	CAR-10	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
	for project activities §361d VCS Std. Version 4.3				
5. QUANTIFICATION of GHG EMISSION REDUCTIONS and REMOVALS					
5.1. Baseline Emissions					
5.1.1. Has all the formulae used to calculate the baseline emissions been provided under section 5.1 of the MR?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	The formulae are available in the Section 5.1 of the MR.	OK	OK
5.1.2. Has sample calculations for all formulae used and calculation of baseline emissions or baseline net GHG removals by sinks, applying actual values been provided under section 5.1 of the MR?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	The sample calculations are available in the Section 5.1 of the MR.	OK	OK
5.1.3. Has all electronic spread sheets to present full calculations in the monitoring report been attached?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is available in the Section 5.1 of the MR.	OK	OK
5.1.4. Have any assumptions used in baseline emission calculations been justified?	CDM validation and verification standard for project	DR	N/A (There haven't been any assumptions used).	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
	activities §373d VCS Std. Version 4.3				
5.1.5. If applicable, are the appropriate emission factors used for the baseline emission calculations in line with the good guidance practices? (e.g., IPCC default values and other reference values)	CDM validation and verification standard for project activities §373e VCS Std. Version 4.3	DR	N/A (The grid emission factor has been calculated and determined during the validation process).	OK	OK
5.2. Project Emissions					
5.2.1. Has all the formulae used to calculate the project emissions been provided under section 5.2 of the MR?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	Please indicate the project emission values in in the ER Calculation Excel sheet.	CAR-12	OK
5.2.2. Has sample calculations for all formulae used and calculation of project emissions or actual net GHG removals by sinks, applying actual values been provided under section 5.2 of the MR?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	This is available.	OK	OK
5.2.3. Has all electronic spreadsheets to present full calculations in the monitoring report been attached?	CDM-MR-FORM Version 9.0	DR	Please see CAR-12.	CAR-12	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
	VCS MR Template Version 4.1				
5.2.4. Have any assumptions used in project emission calculations been justified?	CDM validation and verification standard for project activities §373d VCS Std. Version 4.3	DR	N/A (There haven't been any assumptions used).	OK	OK
5.2.5. If applicable, are the appropriate emission factors used for the project emission calculations in line with the good guidance practices? (e.g., IPCC default values and other reference values)	CDM validation and verification standard for project activities §373e VCS Std. Version 4.3	DR	N/A (The grid emission factor has been calculated and determined during the validation process).	OK	OK
5.3. Leakage					
5.3.1. Has all the formulae used to calculate the leakage emissions been provided under section 5.3 of the MR?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	Please indicate the leakage values in the ER Calculation Excel sheet.	CAR-13	OK
5.3.2. Has sample calculations for all formulae used and calculation of leakage emissions, applying actual	CDM-MR-FORM Version 9.0	DR	This is available.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
values been provided under section 5.3 of the MR?	VCS MR Template Version 4.1				
5.3.3. Has all electronic spread sheets to present full calculations in the monitoring report been attached?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	Please see CAR-13.	CAR-13	OK
5.3.4. Have any assumptions used in leakage emission calculations been justified?	CDM validation and verification standard for project activities §373d VCS Std. Version 4.3	DR	N/A (There haven't been any assumptions used).	OK	OK
5.3.5. If applicable, are the appropriate emission factors used for the leakage emission calculations in line with the good guidance practices? (e.g., IPCC default values and other reference values)	CDM validation and verification standard for project activities §373e VCS Std. Version 4.3	DR	N/A (The grid emission factor has been calculated and determined during the validation process).	OK	OK
5.4. Net GHG Emission Reductions and Removals					

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
5.4.1. Have the total baseline emissions or baseline net GHG removals by sinks during the monitoring period been given under section 5.4 of the MR?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	a) Please indicate the relevant formula for emission reductions in the Section 5.4 of the MR. b) Please provide the emission reduction values in monthly basis in the ER Calculation Excel sheet. c) Please provide the June 2022 EPIAS record.	CAR-14	OK
5.4.2. Has the total project emissions or actual net GHG removals by sinks during the monitoring period been given under section 5.4 of the MR?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	The project emissions are available in Section 5.4.	OK	OK
5.4.3. Has the total leakage emissions during the monitoring period been given under section 5.4 of the MR?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	The leakage emissions are available in Section 5.4.	OK	OK
5.4.4. Have the total emission reductions or net anthropogenic GHG removals by sinks during the monitoring period been given under section 5.4 of the MR?	CDM-MR-FORM Version 9.0 VCS MR Template Version 4.1	DR	The total emission reductions are available in Section 5.4.	OK	OK
5.4.5. If there is material information that can cause overestimation of emission reductions or removals of the project activity, is this equal to or higher than one of the following?	CDM validation and verification standard for project activities §326	DR	There hasn't been any material information detected.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
5.4.5.1. 0.5 per cent of the emission reductions or removals for project activities achieving a total emission reduction or removal of equal to or more than 500,000 tons of carbon dioxide equivalent per year?	CDM validation and verification standard for project activities §326a	DR	There hasn't been any material information detected.	OK	OK
5.4.5.2. 1 per cent of the emission reductions or removals for project activities achieving a total emission reduction or removal between 300,000 and 500,000 tons of carbon dioxide equivalent per year?	CDM validation and verification standard for project activities §326b	DR	There hasn't been any material information detected.	OK	OK
5.4.5.3. 2 per cent of the emission reductions or removals for large-scale project activities achieving a total emission reduction or removal of 300,000 tons of carbon dioxide equivalent per year or less?	CDM validation and verification standard for project activities §326c	DR	There hasn't been any material information detected.	OK	OK
5.4.5.4. 10 per cent of the emission reductions or removals for the microscale project activities?	CDM validation and verification standard for project activities §326e	DR	There hasn't been any material information detected.	OK	OK
5.4.5.5. 5 per cent of the emission reductions or removals for small-scale project activities	CDM validation and verification	DR	There hasn't been any material information detected.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
other than project activities covered under 5.4.5.4 above?	standard for project activities §326d				
6. APPENDICES					
6.1. If any further background information regarding any raw data from monitoring is provided, is this information correct and supported by the appropriate evidence?	VCS MR Template Version 4.1	DR	N/A	OK	OK
6.2. If any further background information regarding additional information used in the monitoring plan is provided, is this information correct and supported by the appropriate evidence?	VCS MR Template Version 4.1	DR	N/A	OK	OK
6.3. If any further background information regarding documentation of activities conducted from the monitoring plan and diagrams are provided, is this information correct and supported by the appropriate evidence?	VCS MR Template Version 4.1	DR	N/A	OK	OK
7. OTHER REQUIREMENTS					
7.1. Forward Action Requests (FARs) Identified During Validation and/or Previous Verification					
7.1.1. Is there any remaining FARs from the validation and/or previous verification activities?	CDM validation and verification standard for project	DR	There hasn't been any FAR issued by the relevant DOE during the previous (second) verification process in line with the provided verification report.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Question	Reference	Means of verification*	Findings, comments, references and document sources	Draft opinion	Final opinion
	activities §319c, 395h				
7.1.2. If there any remaining FARs from the validation and/or previous verification activities, have the PPs addressed these FARs in the MR?	CDM validation and verification standard for project activities §320	DR	There hasn't been any FAR issued by the relevant DOE during the previous (second) verification process in line with the provided verification report.	OK	OK
7.1.3. Has the FARs been resolved?	CDM validation and verification standard for project activities §344d, §346	DR	There hasn't been any FAR issued by the relevant DOE during the previous (second) verification process in line with the provided verification report.	OK	OK

*DR= Document Review, I= Interview, SV=Site Visit

Table 2 – Resolution of Corrective Action, Forward Action and Clarification Requests

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project proponents' Response	Verification Team Conclusion
CAR-1 Please use Arial or Century Gothic 10.5 pt, black, regular (non-italic) font for all items in the MR.	1	The MR has been revised accordingly.	Review-1: Ok Closed (MR has been revised accordingly).
CAR-2 Please indicate the website for contact information in the cover page of the MR.	2.8	Due to system work, the company's website is currently unavailable.	Review-1: Ok Closed (There is no web site available in line with the information by PP).
CAR-3 a) Please correct the reference to India and contact email in the project proponent information of project's VCS registry link. b) The net total electricity generation value specified in Section 1.1 is different from the generation value specified in Excel sheet. Please clarify the same.	1.1.1	a) They have been corrected. b) Section 1.1 has been revised accordingly.	Review-1: a) Ok Closed (The reference to India and contact email in the project proponent information of project's VCS registry link has been corrected). b) Ok Closed (Section 1.1 of the MR has been revised accordingly).
CAR-4 Please include the technical specifications of the generators in Section 1.1 of the MR.	1.1.3	Technical specifications of the generator have been added in Section 1.1 of the MR.	Review-1: Ok Closed (Section 1.1 of the MR has been revised accordingly).
CAR-5 Please indicate the date of EIA approval in the Section 1.1 of the MR.	1.1.4	Date of "EIA not Required" certificate has been added in Section 1.1 of the MR.	Review-1: Ok Closed (Section 1.1 of the MR has been revised accordingly).
CAR-6 Please provide the signed and sealed letter on company letterhead that the project hasn't been registered or hasn't been	1.9.1	The signed and sealed letter has been provided to the VVB.	Review-1: Ok Closed (The signed declaration by PP and dated as 10/10/2022 has been provided).

* CAR= Corrective Action Request, FAR= Forward Action Request, CL= Clarification Request

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project proponents' Response	Verification Team Conclusion
seeking registration under any other GHG programs.			
CAR-7 Please provide the signed and sealed letter on company letterhead that project hasn't been included in emissions trading program; or any other mechanism that includes GHG allowance trading.	1.10.1	The signed and sealed letter has been provided to the VVB.	Review-1: Ok Closed (The signed declaration by PP and dated as 10/10/2022 has been provided).
CAR-8 a) Please correct the values "Contributions over Project Lifetime" of SDG 7, SDG 8 and SDG 13 in Table 1 in Section 1.11 of the MR considering the project lifetime. b) Please indicate the details of each SDG contributions in the ER Calculation Excel sheet.	1.11.1	a) Table 1 in Section 1.11 has been revised accordingly. b) ER Calculation Excel sheet has been revised accordingly.	Review-1: a) Ok Closed (Section 1.11 of the MR has been revised accordingly). b) Ok Closed (ER Calculation Excel Spreadsheet has been revised accordingly).
CAR-9 a) Please indicate details of ongoing communication for the current monitoring period in Section 2.2 of the MR. b) Please provide the procedures or methods used for documenting the outcomes of the local stakeholder communication in the Section 2.2 of the MR. c) Please clarify whether there is any complaint during the monitoring period in the Section 2.2 of the MR. d) Please provide the signed document about the contact details of the PP relevant staff in case of any complaint by	2.2.1	a) b) c) The contact information of the plant responsible exists at the Mukhtars. The project owner and local community are always in touch. The project owner regularly checks with the Mukhtars if any complaint or a request exists. Any complaint or need from the local community could directly be received by the project owner and appropriate contributions or improvements are made to the local community. There are not any negative feedbacks or comments from the locals during the monitoring period.	a) b) c) Ok Closed (Section 2.2 of the MR has been revised accordingly). d) Ok Closed (The signed letters by Poyracık, Mustaklar and Kodukburun Villages Heads (Mukhtars) and dated as 10/10/2022 have been provided).

* CAR= Corrective Action Request, FAR= Forward Action Request, CL= Clarification Request

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project proponents' Response	Verification Team Conclusion
relevant villages and whether there is any complaint received by the Mukhtar from the local stakeholders.		d) Signed and sealed document has been provided to the VVB.	
CAR-10 Please indicate the start date of operation of the project activity in the Section 3.1 of the MR.	3.1.1	The start date of the project activity has been added in Section 3.1 of the MR.	Review-1: Ok Closed (Section 3.1 of the MR has been revised accordingly).
CAR-11 Please indicate the details of data storage details including the data storage period in the Section 4.3 of the MR.	4.3.2.5	The details of data storage have been added in Section 4.3 of the MR.	Review-1: Ok Closed (Section 4.3 of the MR has been revised accordingly).
CAR-12 Please indicate the project emission values in in the ER Calculation Excel sheet.	5.2.1	The project emission values have been added in the ER Calculation Excel sheet.	Review-1: Ok Closed (ER Calculation Excel Spreadsheet has been revised accordingly).
CAR-13 Please indicate the leakage values in the ER Calculation Excel sheet.	5.3.1	The leakage values have been added in the ER Calculation Excel sheet.	Review-1: Ok Closed (ER Calculation Excel Spreadsheet has been revised accordingly).
CAR-14 a) Please indicate the relevant formula for emission reductions in the Section 5.4 of the MR. b) Please provide the emission reduction values in monthly basis in the ER Calculation Excel sheet. c) Please provide the June 2022 EPIAS record.	5.4.1	a) Section 5.4 of the MR has been revised accordingly. b) They are already added in the ER Calculation Excel sheet. c) It's been provided to the VVB.	Review-1: a) Ok Closed ((Section 5.4 of the MR has been revised accordingly). b) Ok Closed (ER Calculation Excel Spreadsheet has been revised accordingly). c) Ok Closed (June 2022 EPIAS record has been provided).
CL-1 Please include the page numbers in the MR.	4	The page numbers have been included in the MR.	Review-1:

* CAR= Corrective Action Request, FAR= Forward Action Request, CL= Clarification Request

Draft Report Clarifications, Forward Action and Corrective Action Requests By Verification Team	Ref. to Checklist Questions in Table-1	Summary of Project proponents' Response	Verification Team Conclusion
			Ok Closed (MR has been revised accordingly).
CL-2 Please provide the following documents: - Waste water storage tank photographic evidences - Domestic waste disposal records	2.1.1	- Wastewater storage tank photographic evidence has been provided to the VVB. - Domestic waste disposal records have been provided to the VVB.	Review-1: Ok Closed (Waste water storage tank and domestic waste container photographic evidences have been provided).
CL-3 a) Please include the meter test details for the current monitoring period in the Section 4.2 of the MR. b) Please provide the photographic evidences of the electricity meters.	4.2.1	a) The last meter test date is 10.10.2020 and this test is valid until the end of 2022. b) The photographic evidence of the electricity meters has been provided to the VVB.	Review-1: a) Ok Closed ((Section 4.2 of the MR has been revised accordingly). b) Ok Closed (The photographic evidences of the electricity meters have been provided).
CL-4 (Issued during ITR stage) a) It is stated in the Section 1.1 of the MR that "Construction agreement is dated as 20/10/2015 and construction was started on 13/11/2015" is available in the Section 1.1 of the MR. However, the construction agreement is of date (17.11.2015) as per the Table 1 of the registered PD. Please check and clarify. As per the registered PD it is stated that: "The calibration will be implemented in accordance with the related standard procedures". However, the test related details are only provided and no calibration related details are provided in the Section 4.2 of the MR. Please check and clarify.	1.1.1 & 4.2.1	a) MR has been revised. b) The initial calibration date of the meters have been added.	Review-1: a) Ok Closed (Section 1.1 of the MR has been revised accordingly). b) Ok Closed (Section 4.2 of the MR has been revised accordingly).

* CAR= Corrective Action Request, FAR= Forward Action Request, CL= Clarification Request

APPENDIX 2: VERIFICATION TEAM AND ITR COMPETENCE

Mr. Anıl SÖYLER holds a B. Sc. in “Environmental Engineering” from Middle East Technical University/Ankara. He has more than 15 years of professional experience in environmental management, monitoring and auditing, environmental and social impact assessments, GHG emission reporting as well as projects’ validation and verification. He has been involved in the validation/verification services of more than 200 GHG emission reduction projects. Anıl has also been involved in both national and international projects, supported by IFC, the World Bank and EBRD. With re-carbon, Anıl is a free-lance Team Leader and an ITR.

Ms. Öykü YAKUPOĞLU holds a B.Sc. degree in “Environmental Engineering” from Middle East Technical University/Ankara and currently undergoes a M.Sc. program in “Chemistry”. She is experienced in ISO 14001: 2015 - Environment Management System, ISO 50001: 2018- Energy Management System, ISO 45001: 2018 - Occupational Health and Safety, Management System, ISO 9001: 2015 - Quality Management System Internal Auditor, ISO 14001: 2015 - Environment Management System Internal Auditor and an ISO 50001: 2018-Energy Management System Internal Auditor. With re-carbon, Öykü is an internal Validator/Verifier and Team Leader Trainee.

Mr. Rohit BADAYA holds Master’s degree (M. Tech) in Nanotechnology and Bachelor’s degree (B.Tech) in Pulp and Paper Engineering from Indian Institute of Technology Roorkee (IITRoorkee). He is also a Certified Energy Auditor from the Bureau of Energy Efficiency, Ministry of Power, Govt. of India. He has more than 13 years of work experience in the area of Climate Change (CDM, GS, VCS). He has worked in various DOE/VVBs in past including ‘TUVNord’, ‘PJRCES Inc’ and ‘KBS Certification Services Private Limited’. During his work experience, he has worked in the capacity of Team Leader, Validator/Verifier, Technical Expert, Technical Reviewer, Manager (Technical & Certification) and Quality Manager. He has worked as a Technical Expert for the Technical Areas – TA 1.1 (Thermal energy generation from fossil fuels and biomass including thermal electricity from solar), TA 1.2 (Energy generation from renewable energy sources), TA 2.1 (Energy Distribution), TA 3.1 (Energy Demand), TA 13.1 (Waste Handling and Disposal), TA 13.2 (Manure) for the CDM/GS/VCS projects. He has worked on more than 200 projects as Team Leader/Validator/Verifier/Technical Expert/Technical Reviewer. He is well versed with the various local regulations related to the CDM/GS/VCS projects located in the countries of Africa, Asia and Turkey. With re-carbon, Rohit is a free-lance Team Leader and an ITR.

Appendix 2-1: Appointment Certificates

CERTIFICATE OF APPOINTMENT



Within the scope and in strict accordance to the appointments indicated below, the bearer may:

- Participate in assessments conducted by re-carbon Ltd.
- Take the appointed positions within and outside of an assessment team
- Bring specific expertise to assessments

This Certificate of Appointment is valid unless there are changes in the related requirements for the qualification and appointment and/or the personnel's work agreement is terminated. There is no defined validity period for this Certificate. However, The Certificate may be updated, suspended or cancelled at any time, as a result of performance assessments and/or other reasons as defined above.

This Appointment Certificate is granted on the date of **03.08.2022** by:

Christian Johannes
(General Manager)

This Certificate of Appointment is given to

Mr. Anil Söyler

as a confirmation of compliance with re-carbon's internal qualification requirements for the following positions:



SECTORIAL SCOPE	TECHNICAL AREA	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT
SS 01: Energy industries	TA 1.1: Thermal energy generation															
	TA 1.2: Renewables	08-02-2021	08-02-2021		03-08-2022	08-02-2021	08-02-2021	08-02-2021	08-02-2021	03-08-2022	08-02-2021	08-02-2021	08-02-2021	08-02-2021	03-08-2022	08-02-2021
SS 02: Energy distribution	TA 2.1: Energy distribution															
SS 03: Energy demand	TA 3.1: Energy demand															
SS 13: Waste handling and disposal	TA 13.1: Solid waste and wastewater	08-02-2021	08-02-2021		03-08-2022	08-02-2021	08-02-2021	08-02-2021	08-02-2021	03-08-2022	08-02-2021	08-02-2021	08-02-2021	08-02-2021	03-08-2022	08-02-2021
	TA 13.2: Manure															
SS 15: Agriculture	TA 15.1: Agriculture															



SECTORIAL SCOPE	TECHNICAL AREA	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT
SS 01: Energy industries	TA 1.1: Thermal energy generation															
	TA 1.2: Renewables															
SS 02: Energy distribution	TA 2.1: Energy distribution															
SS 03: Energy demand	TA 3.1: Energy demand															
SS 13: Waste handling and disposal	TA 13.1: Solid waste and wastewater															
	TA 13.2: Manure															
SS 15: Agriculture	TA 15.1: Agriculture															

COUNTRY EXPERTISE:

Turkey, China

CERTIFICATE OF APPOINTMENT



Within the scope and in strict accordance to the appointments indicated below, the bearer may:

- Participate in assessments conducted by re-carbon Ltd.
- Take the appointed positions within and outside of an assessment team
- Bring specific expertise to assessments

This Certificate of Appointment is valid unless there are changes in the related requirements for the qualification and appointment and/or the personnel's work agreement is terminated. There is no defined validity period for this Certificate. However, The Certificate may be updated, suspended or cancelled at any time, as a result of performance assessments and/or other reasons as defined above.

This Appointment Certificate is granted on the date of **01.08.2022** by:

Christian Johanne
(General Manager)

This Certificate of Appointment is given to

Ms. Öykü Yakupoğlu

as a confirmation of compliance with re-carbon's internal qualification requirements for the following positions:



Gold Standard
Climate Positivity & Sustainable Development



SERIAL SCOPE	TECHNICAL AREA	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT
SS 01: Heavy & Industries	TA 1.1 Thermal energy generation															
	TA 1.2 Renewable						30.06.2022	30.06.2022			30.06.2022	30.06.2022	30.06.2022			30.06.2022
SS 02: Heavy & Industries	TA 2.1 Energy distribution															
SS 03: Heavy & Industries	TA 3.1 Energy demand															
SS 04: Waste handling and disposal	TA 10.2 Solid waste and wastewater															
	TA 10.3 Marine															
SS 15: Agriculture	TA 15.1 Agriculture															



ICR International Carbon Registry

BioCarbon Registry

SERIAL SCOPE	TECHNICAL AREA	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT
SS 01: Heavy & Industries	TA 1.1 Thermal energy generation															
	TA 1.2 Renewable	30.06.2022	30.06.2022			30.06.2022										
SS 02: Heavy & Industries	TA 2.1 Energy distribution															
SS 03: Heavy & Industries	TA 3.1 Energy demand															
SS 04: Waste handling and disposal	TA 10.2 Solid waste and wastewater															
	TA 10.3 Marine															
SS 15: Agriculture	TA 15.1 Agriculture															

COUNTRY EXPERTISE:

Turkey

CERTIFICATE OF APPOINTMENT



Within the scope and in strict accordance to the appointments indicated below, the bearer may:

- Participate in assessments conducted by re-carbon Ltd.
- Take the appointed positions within and outside of an assessment team
- Bring specific expertise to assessments

This Certificate of Appointment is valid unless there are changes in the related requirements for the qualification and appointment and/or the personnel's work agreement is terminated. There is no defined validity period for this Certificate. However, The Certificate may be updated, suspended or cancelled at any time, as a result of performance assessments and/or other reasons as defined above.

This Appointment Certificate is granted on the date of **01.08.2022** by:

Christian Johannes
Christian Johannes
General Manager

Christian Johannes
(General Manager)

This Certificate of Appointment is given to

Mr. Rohit Badaya

as a confirmation of compliance with re-carbon's internal qualification requirements for the following positions:



Gold Standard
Climate Security & Sustainable Development



SECTORAL SCOPE	TECHNICAL AREA	VERIFIER	VALIDATOR	TEAM LEADER	ITS	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITS	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITS	EXPERT
SS 01: Energy industries	TA 1.1: Thermal energy generation	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021
	TA 1.2: Renewables	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021
SS 02: Energy distribution	TA 2.1: Energy distribution	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021
SS 03: Energy demand	TA 3.1: Energy demand	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021
SS 13: Waste handling and disposal	TA 13.1: Solid waste and wastewater	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021
	TA 13.2: Manure	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021	25.10.2021
SS 15: Agriculture	TA 15.1: Agriculture															



ICR International Carbon Registry

BioCarbon Registry

SECTORAL SCOPE	TECHNICAL AREA	VERIFIER	VALIDATOR	TEAM LEADER	ITS	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITS	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITS	EXPERT
SS 01: Energy industries	TA 1.1: Thermal energy generation	07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022										
	TA 1.2: Renewables	07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022										
SS 02: Energy distribution	TA 2.1: Energy distribution	07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022										
SS 03: Energy demand	TA 3.1: Energy demand	07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022										
SS 13: Waste handling and disposal	TA 13.1: Solid waste and wastewater	07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022										
	TA 13.2: Manure	07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022										
SS 15: Agriculture	TA 15.1: Agriculture															

COUNTRY EXPERTISE:

India and Turkey