VERIFICATION AND CERTIFICATION REPORT

ALIZE ENERJI ELEKTRIK URETIM A.S.

ALIZE CAMSEKI 20.8 MW WIND FARM PROJECT, TURKEY

IN

TURKEY

MONITORING PERIOD:
From 01/07/2022 to 30/06/2023 (both days included)

PROJECT NUMBER: 1047

Organizational Unit:	Re Carbon Ltd.		
Project Title:	Alize Camseki 20.8 MW Wind Farm Project, Turkey		
Project Number:	**Client:**		**Current MR Version:**
1047	Alize Enerji Elektrik Üretim A.Ş.		0.2
Date of First Issue:	**Date of Current Version:**	**Version Number:**	**Number of Pages:**
24/05/2024	30/05/2024	02	40
Verification Number:	**Registration Number:**	**Monitoring Period:**	
5 (1st of 2nd CP)	GS399	From: 01/07/2022	To: 30/06/2023

Summary:

Host Country: Turkey

Project is Reviewed Against:

☒ Kyoto Protocol ☒ UNFCCC CDM rules and regulations and associated documents

☒ Gold Standard rules and regulations ☐ Other (Please Specify)

Methodology: ACM0002: Grid-connected electricity generation from renewable sources **Version:** 20.0

Verified Emissions Reductions: 32,727 tCO_2e

Project Size: ☒ Large Scale ☐ Small Scale ☐ Micro Scale

Project Developers:	Alize Enerji Elektrik Üretim A.Ş. (Project Owner) Rüzgar Karbon ve Enerji Danışmanlık Sanayi Ticaret Limited Şirketi (Project Representative)

Verification Stages:

☒ Desk Review ☒ Site Visit ☒ Follow-up Interviews

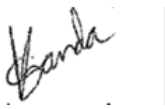
☒ Resolution of Outstanding Issues

Verification Findings:

During the verification 11 Corrective Action Requests and 00 Clarification Requests were issued, all of which were closed out before the issuance of this verification report. 01 Forward Action Requests were issued during the verification, all of which shall be addressed during the next verification of the project activity.

In summary, it is Re Carbon Ltd.'s opinion that the project activity "Alize Camseki 20.8 MW Wind Farm Project, Turkey" in Turkey, is in compliance with the monitoring plan described in the registered PDD, version 0.5 and dated 11/10/2022. The GHG emission reductions are calculated correctly as per the applied methodology and the emission reductions given in the monitoring report version 0.2 dated 23/05/2024 are fairly stated.

Verification Team Leader:	Ms. İrem TAŞKIRAN	**Indexing Terms:**
Verification Team Members:	Ms. Helin TÜZER (Trainee Verifier)	☒ No distribution without permission of the client or responsible organizational unit

Approved By (Technical Reviewer):	Name:	Signature:	☐ Limited Distribution
	Mr. Sandeep KANDA		☐ Unrestricted Distribution

Abbreviations

CAR : Corrective Action Request
CDM : Clean Development Mechanism
CEF : Carbon Emission Factor
VER : Verified Emission Reduction(s)
CL : Clarification request
CO_2 : Carbon dioxide
CO_2e : Carbon dioxide equivalent
DNA : Designated National Authority
DOE : Designated Operational Entity
DR : Document Review
EF : Emission Factor
ER : Emission Reductions
ERPA : Emission Reduction Purchase Agreement
FAR : Forward Action Request
GHG : Greenhouse gas(es)
GS : Gold Standard
GS4GG: Gold Standard for Global Goals
GWP : Global Warming Potential
I : Interview
IPCC : Intergovernmental Panel on Climate Change
kWh : Kilo Watt Hour
MP : Monitoring Plan
MoV : Means of Verification
MW : Mega Watt
MWh : Mega Watt Hour
NGO : Non-governmental Organisation
ODA : Official Development Assistance
PDD : Project Design Document
PD : Project Developer(s)
tCO2e : Tonnes of CO2 equivalents
UNFCCC: United Nations Framework Convention on Climate Change

TABLE OF CONTENTS

1. EXECUTIVE SUMMARY– VERIFICATION AND CERTIFICATION OPINION

Re Carbon Ltd. performed the 5th (first verification of the second crediting period) verification of the "Alize Camseki 20.8 MW Wind Farm Project, Turkey", a Gold Standard project with the registry reference number "GS399" for the monitoring period in between 01/07/2022 and 30/06/2023. The scope of the activities covers the verification and certification of GHG emissions reductions reported in the Monitoring Report Version 0.2, dated 23/05/2024 of "Alize Camseki 20.8 MW Wind Farm Project, Turkey".

Re Carbon Ltd. hereby confirms that the project activity "Alize Camseki 20.8 MW Wind Farm Project, Turkey" in Turkey, is implemented in accordance with the validated and registered PDD version 0.5, dated 11/10/2022. The monitoring system is in place and the emission reductions are calculated without material misstatements as per the applied approved methodology, which is "ACM0002: Grid-connected electricity generation from renewable sources", version 20.0.

Re Carbon Ltd. confirms the following based on the results of document review and on-site assessment:

The implementation of the project has resulted in the avoidance of 32,727 tCO2e during the monitoring period in between 01/07/2022 and 30/06/2023.

2. INTRODUCTION

2.1. Objective

Through a contract, dated 26/04/2022, Re Carbon Ltd. was appointed by "Alize Enerji Elektrik Üretim A.Ş." to perform the 5th verification (first verification of the second crediting period) of the "Alize Camseki 20.8 MW Wind Farm Project, Turkey". The objective of this verification activity was to assess, with objective evidence:

- if the monitoring report version 0.2 dated "23/05/2024" conforms with the requirements of the monitoring plan of the registered PDD and the approved methodology
- if the project activity conforms with the monitoring report and the registered PDD, and
- if the data reported in the monitoring report are complete and transparent.

2.2. Scope

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 PDD version 0.5, dated 11/10/2022.

The project activity and the monitoring report are assessed against the requirements of Article 12 of the Kyoto Protocol, CDM Modalities and Procedures as agreed on in the Marrakech Accords under decision 3/CMP.1, the annexes to that decision, "ACM0002: Grid-connected electricity generation from renewable sources", version 20.0, subsequent decisions and guidance made by COP/MOP and the CDM Executive Board as well as other related rules, according to the guidance given in the CDM Validation and Verification Standard for project activities version 3.0, CDM Project Standard for project activities version 3.0, Gold Standard for the Global Goals (GS4GG) version 1.2 and other relevant GS4GG requirements.

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

2.3. Description of the Project Activity

Alize Camseki 20.8 MW Wind Farm Project, Turkey is operated by Alize Enerji Elektrik Üretim A.Ş. The project activity is located in Uvecik village, Ezine district of Canakkale province, Marmara Region, Turkey. As per the generation license dated 02/08/2017 (last amendment), the project activity includes 29 wind turbines currently and the total installed capacity is 63.1 MWm / 63.1 MWe. However, the project owner may use only 20.8 MW capacity's electricity generation (i.e. 10 wind turbines (E82) with an installed capacity of 2 MWe each and 1 wind turbine (E48) with an installed capacity of 0.8 MWe) for the registered project activity. This information has been confirmed via the registered PDD version 0.5 dated 11/10/2022. There are 2 transformers in the project site (Transformer A and Transformer B). The 20.8 MW part belongs to Transformer A and it has own electricity meters. The capacity addition part's generation electricity is measured with different electricity meters of Transformer B.

Therefore, the total installed capacity of the project activity is 20.8 MWm / 20.8 MWe with considering (10 x 2 MW) + (1 x 0.8 MW). The commissioning that of the turbines are as follows:

- Commissioning Date of T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T11: 24/06/2009

Alize Camseki 20.8 MW Wind Farm Project is connected to the 154 kV high-voltage transmission lines between the Çanakkale and Ezine transformer stations. The purpose of the proposed project is to generate electricity by utilizing the renewable energy. Total amount of electricity generation is 50,490.238 MWh and emission reduction achieved in this monitoring period is 32,727 tons of CO_2e.

The second crediting period start date of the project as verified from the information provided on GS Registry is 01/07/2016. This is the 1st monitoring period of the second crediting period which is in between 01/07/2022 and 30/06/2023 (both days included).

Technical specifications of the turbines (Enercon E48 and E82 wind turbines) are as follows:

Rated Power	800 kW – E48
Rotor Diameter	48 m
Rotor Speed	31.0 U/min
Cut in Wind Speed	3 m/s
Cut out Wind Speed	34 m/s

Rated Power	2,000 kW – E82
Rotor Diameter	82 m
Rotor Speed	18.0 U/min
Cut in Wind Speed	2 m/s
Cut out Wind Speed	34 m/s

Technical specifications of the turbines were confirmed via the website of Enercon.[1]

2.4. Parties Involved

Alize Enerji Elektrik Üretim A.Ş. (Project Owner) and Rüzgar Karbon ve Enerji Danışmanlık Sanayi Ticaret Limited Şirketi (Project Representative) are the project participants and host country is Turkey.

[1] https://en.wind-turbine-models.com/turbines/529-enercon-e-48

https://en.wind-turbine-models.com/turbines/835-enercon-e-82-e2-2.000

2.5. Verification Period Covered

This is the 5th (first verification of the second crediting period) verification period from 01/07/2022 to 30/06/2023 (both days included). First crediting period was between 01/07/2009 to 30/06/2016. Second crediting period is between 01/07/2016 to 30/06/2023. This is the first verification of the second crediting period because of the delay period. The Alize Camseki 20.8 MW Wind Farm Project was developed to obtain GS financing and revenue from carbon credits, crucial for its feasibility and sustainability. A consultancy agreement was signed for project verification, but the process was halted due to the inability to find buyers to cover verification costs. Low demand and lower-than-expected prices for VERs led the project owner to delay verification until better revenue opportunities arose. Unaware of the risk of losing rights if not verified before the crediting period end date, the owner faced further delays due to COVID-19, which prevented a necessary site visit. The project owner now requests to continue the project cycle to secure carbon revenue, marking this as the fifth (first of second crediting period) verification process.

3. METHODOLOGY

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

- Assessment of the conformity of the actual project activity and its operation with the registered PDD, dated 11/10/2022 version 0.5
- A physical site visit, executed on 26/03/2024 in order to assess that all physical features of the project activity proposed in the registered PDD are in place and that the project developer has operated the project activity in line with the registered PDD.
- Assessment of the compliance of the monitoring plan with the monitoring methodology "ACM0002: Grid-connected electricity generation from renewable sources", version 20.0
- Assessment of the compliance of the monitoring with the monitoring plan
- Assessment of data and calculation of greenhouse gas emission reductions
- Issuance of the verification report
- Independent technical review
- Approval of the verification report and request for issuance

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

The Verification Protocol consists of two tables:

- Table 1 (GS-Monitoring Report (MR)-FORM, GS4GG 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 3-1 below:

Table 3-1: Explanation of Table-1 in the Verification Protocol

Question	Reference	MoV*	Findings, comments, references and document sources	Draft & Final Conclusion
The requirements related with the GS monitoring report, GS4GG 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 elebarote 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 3-2 below:

Table 3-2: Explanation of Table-2 in the Verification Protocol

Draft Report Clarifications, Forward Action and Corrective Action Requests by Verification Team	Ref. to Questions in Table-1 and Table-2	Summary of Project Developers' 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 developers 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.

3.1. Verification Team and ITR Selection

The appointment process of the verification team takes into account the technical area(s), sectoral scope(s), and relevant host country experience required by the team members for the verification of the emission reductions achieved by the project activity in the related monitoring period for this verification. The relevant GS verification and previous ITR experiences are also assessed during the selection of the team members as well as the Independent Technical Reviewer (ITR). The verification team and ITR was assigned to this verification activity on 09/04/2022 (with a team change on 01/02/2023), taking all the above factors into consideration

and following the contract review procedure. The reason of team change is Ms. Öykü Yakupoğlu is a fully qualified Team Leader since 21/12/2022 and she could take over the project. Previous team leader has been Mr. Anıl Söyler. On 04/03/2024, another team change has been done because previous Team Leader Ms. Öykü Yakupoğlu was no longer an employee in Re Carbon Ltd. New team leader of the project activity is Ms. İrem TAŞKIRAN.

The verification team and ITR details are given in Table 3-3 below:

Table 3-3: Verification team and ITR details

Name	Role	Host Country Experience	Scope Coverage	Technical Expertise (TA 1.2)	Involvement*
Öykü Yakupoğlu	Previous Team Leader	☒	☒	☒	A, DR
İrem Taşkıran	Current Team Leader	☒	☒	☒	A, DR, R, SV
Helin Tüzer	Trainee Verifier	☐	☐	☐	A, DR, R, SV
Sandeep Kanda	ITR	☒	☒	☒	ITR

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

A : Administrative
DR : Desk Review
SV : Site Visit
RA : Remote Assessment
R : Reporting
ITR : Independent Technical Review

3.2. Desk Review of Documents

The basis for the verification activity is the monitoring report version 0.1, dated 24/03/2024, which was submitted to the verification team on 24/03/2024. This monitoring report was revised due to issued CARs and CLs, resulting in version 0.2, dated 23/05/2024 as the final version. The monitoring report and the monitoring activities were assessed against the registered PDD, version 0.5, dated 11/10/2022, the "ACM0002: Grid-connected electricity generation from renewable sources" version 20.0, the relevant CDM rules and regulations, CDM Validation and Verification Standard for project activities version 3.0, CDM Project Standard for project activities version 3.0, GS4GG version 1.2 and the following:

- final CP Renewal validation report version 04 dated 25/10/2022

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

A list of all the documents that were reviewed can be found in Section 6 of this verification report.

3.3. On-Site Visits

As a part of the verification activities a physical site visit was performed at the project activity's site, details of which can be seen in Table 3-4 below:

Table 3-4: Site visit details

Date	26/03/2024	
Location	Ezine, Çanakkale	
Participant	**Company Name**	**Role in the Organization / Role in the Site Visit**
Zerrin ŞAŞKIN	Üvecik Village	Female Villager
Servet ÇETİNTAŞ	Üvecik Village	Female Villager
Gülsüm ACUN	Üvecik Village	Female Villager
Vedat ÇETİNTAŞ	Üvecik Village	Deputy Headman
Fethi PEHLİVANOĞLU	Üvecik Village	Male Villager
Salih ÇETİNTAŞ	Üvecik Village	Male Villager
Tuncer ŞAŞKIN	Üvecik Village	Headman
Hakan HIZLI	Üvecik Village	Deputy Headman
Emre AYDOĞDU	Alize Enerji Elektrik Üretim A.Ş.	Electrical Engineer
Fatih DİLMAÇ	Alize Enerji Elektrik Üretim A.Ş.	Electrician
Engin TOY	Alize Enerji Elektrik Üretim A.Ş.	Electrician
Ferdi HIZLI	Alize Enerji Elektrik Üretim A.Ş.	Employee
Şaban UĞUR	Alize Enerji Elektrik Üretim A.Ş.	Employee
Çağla Balcı Eriş	Rüzgar Danışmanlık	Consultant
Helin TÜZER	Re Carbon Ltd.	Trainee Verifier
İrem TAŞKIRAN	Re Carbon Ltd.	Team Leader

Points Verified	**Source of Information**
Implementation and operation of the proposed CDM project activity as per the registered PDD	Document review, on-site visit and interviews with the local stakeholders from Üvecik Village
Review of information flows for generating, aggregating and reporting the monitoring parameters	Document review, on-site visit and interviews with the local stakeholders from Üvecik Village
Interviews with relevant personnel to confirm that the operational and data collection procedures are implemented	Interviews with the local stakeholders from Üvecik Village

in accordance with the monitoring plan in the PDD	
Cross-check between information provided in the monitoring report and data from other sources such as plant log books, inventories, purchase records or similar data sources	Document review and on-site visit
Check of the monitoring equipment including calibration performance and observations of monitoring practices against the requirements of the PDD and the selected methodology	Document review, on-site visit and interviews with the local stakeholders from Üvecik Village
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 and interviews with the local stakeholders from Üvecik Village

During the physical site visit, the logbook was seen and there were no complaints. Also, local people of the Üvecik Village were interviewed, and it was stated that there were no complaints from the local stakeholders. Logbook was located in the office of the headman of Üvecik village.

3.4. Reporting of Findings via the Verification Protocol

During the verification period, a Verification Protocol (attached as Annex 1 to this verification report) was used to submit the findings to the project developers.

As part of this verification report, please see "**Attachment to Verification Report / GS4GG Audit Techniques Template for Verification**" for details of Audit Techniques used and the related risk assessment.

In line with the CDM Validation and Verification Standard the team reports the non-conformities in form 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:
  - A non-conformity with the monitoring plan or methodology is 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 developers.

- The Verification team raises a **CL** if information is insufficient, not transparent, or not clear enough to determine whether the applicable CDM and/or GS4GG requirements have been met.
- The Verification team raises a **FAR** during the verification for actions if the monitoring and reporting require attention and/or adjustment for the next verification period.

According to these principles, a total of 11 CARs, 00 CLs and 01 FARs were issued, all of which are listed in the Verification Protocol.

3.5. Follow-Up Interviews

During the verification period, follow-up interviews were performed by the verification team in order to further analyze the correctness and accurateness of the information provided. A list of individuals interviewed is given in Section 5 of this Verification Report.

3.6. Resolution of Outstanding Issues

During the verification activity, CARs and CLs were issued to clarify the issues that are not sufficiently transparent to reach a positive verification opinion and to approve the achieved GHG emission reductions.

If there are any findings issued as Forward Action Requests (FARs) previously, as indicated in earlier validation and/or verification reports, these are also addressed in this phase.

Outstanding issues indicated in the FARs from earlier reports, and CLs and CARs from this verification activity, were resolved and/ or clarified during the written and oral communications between the Project Developer and Re Carbon Ltd.'s Verification Team Members. These communications are backed up with objective evidence that were sent to the verification team as a proof of compliance. Concerns issued in the desk review, the on-site audit assessments, the follow up interviews and the responses provided for the issued concerns are documented in Annex 1 (Verification Protocol) in order to guarantee the transparency of the verification process.

The verification timeframe is given in detail in Table 3-5 below:

Table 3-5: Verification Timeframe

Activity	Timeline		Total Days
	From	To	
Desk Review	24/03/2024	24/05/2024	62
Review of the MR version 01	24/03/2024	22/05/2024	60
Site Visit	26/03/2024	26/03/2024	1
Issuance of the Verification Protocol version 01	22/05/2024	22/05/2024	1
Review of PDs Initial Set of Responses	22/05/2024	23/05/2024	2
Closing of all the CARs and CLs	23/05/2024	23/05/2024	1
Issuance of the Verification Report version 01	24/05/2024	24/05/2024	1
ITR Process	24/05/2024	27/05/2024	4
Issuance of the Verification Report version 02	26/05/2024	26/05/2024	1
ITR Approval	27/05/2024	27/05/2024	1
Submission for Final Approval	30/05/2024	30/05/2024	1
Submission to the PD	30/05/2024	30/05/2024	1

Information or clarifications provided as a response to a CAR, CL or FAR could also lead to a new request. This can also be seen transparently in the Verification Protocol provided in Annex 1 of this Verification Report.

3.7. Internal Quality Control

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

The Independent Technical Review is performed by another Team Leader who was not involved in the verification activity of this project activity. Following finalization of the Verification Report by the Team Leader, the draft report is sent to the Independent Technical Reviewer. At this stage not only the report but all the supporting documents, such as emission factor calculations, additionality justifications, relevant excel sheets etc. are being reviewed.

Further CLs and CARs can be issued by the Independent Technical Reviewer during this review to cover all aspects 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. The request of issuance is submitted to the Project Developer in line with the positive verification opinion and along with all relevant documents.

4. VERIFICATION FINDINGS

4.1. Remaining Issues from Previous Validation or Verifications

There are 4 issued FARs from the Design Renewal Review under GS4GG:

FAR #1: Delay in the completion of re-validation beyond the last date of current certification cycle shall result in a reduction of any issuance of Certified Products and/or Impact Statements available during following certification cycle, e.g. PD cannot claim GS VERs during the delay period of 01 July 2016 to 30 June 2022 in CP2.

The answer to FAR #1: On-site visit was conducted on 26/03/2024, the PD may claim issuance starting 01/07/2022 (inclusive) and not before the mentioned date.". The PP cannot claim the ERs during delay period, 01/07/2016 and 30/06/2022 of CP2. Thus, PP will be issued only the electricity generation and carbon credit between 01/07/2022 and 30/06/2023.

FAR #2: In-line with GS4GG Principles and Requirements, VVB and PP shall consider the following rule after Design Renewal Certification is achieved: 5.1.29: 1st verification shall be completed within two years after the certification is achieved.

The answer to FAR #2: The verification which included 01/07/2022 and 30/06/2023 will be completed within two years after the certification (until 08/11/2024).

FAR #3: Verifying VVB shall check and confirm ongoing financial need through carbon credit sale records and income generated and assess their contribution to project finance.

The answer to FAR #3: The VVB has checked and confirmed the ongoing financial need through carbon credit sale records and income generated and assessed their contribution to project finance when these credits will be issued and sold. The revenue from these sales constitutes a significant portion of the project's total income, crucial for covering operational, maintenance, and expansion costs. To ensure long-term sustainability, it is essential to continue enhancing carbon credit sales and exploring additional funding sources. Also, since this is the fifth (first of 2nd CP) verification process, ongoing financial need for this project has been already approved in crediting period renewal process for the 2nd CP.

FAR #4: Verifying VVB shall check if there are any comments received from the second round of stakeholder consultation that take place between 13/10/2022- 13/11/2022.

The answer to FAR #4: There is no comments received from the second round of stakeholder consultation that take place between 13/10/2022- 13/11/2022. It has been confirmed with verifying stakeholders meeting records, which has been conducted between 13/10/2022-13/11/2022, during on site visit. Also, VVB has done interviews with stakeholders during the site visit on 26/03/2024. No complaints have been received and stakeholders have stated that they are satisfied with the power plant and its employees on 26/03/2024.

4.2. Compliance of the Project Implementation with the Registered PDD

The project is fully implemented according to the description presented in the registered PDD and 11 wind turbines were operational during the on-site visit as in the registered project. The verification team confirms through the site visit inspection and provided evidences that all physical features of the project activity including data collecting systems and storage have been implemented in accordance with the registered PDD. Electricity meters were also seen during the on-site visit. The project activity is completely operational and the same has been confirmed through on-site visit.

The commissioning date of all 11 wind turbines is 24/06/2009. This date is also confirmed by checking the provisional acceptance protocol of the wind turbines.

According to the registered PDD, the estimated annual emission reduction is 39,634 tCO2e and corresponding total estimated amount for the monitoring period is 39,634 tCO2e. The actual values achieved for the current monitoring period is 32,727 tCO2e. The actual amount of emission reduction for the current monitoring period is 17.43% less than estimated emission reduction amount. However, considering the yearly fluctuations in wind, high uncertainty for wind speed estimation and possible increase and decrease in the electricity generation during the long-life time of the project, the average decrease throughout the monitoring period as 17.43% is deemed acceptable.

The difference in the values does not lead to a substantial increment of the ER in this period in relation to the estimates in the registered PDD.

The technical specifications of the wind turbines are confirmed by looking at the website of Enercon.

4.3. Compliance of the Monitoring Plan with the Monitoring Methodology

The monitoring plan is in accordance with the approved methodology, ACM0002 version 20.0, applied by the project activity.

In line with the methodology, the only information to be monitored is the amount of net electricity delivered to the grid by the project activity.

4.4. Compliance of the Monitoring with the Registered Monitoring Plan

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 meters used are in line with the regulatory requirements for electricity meters. The main meter was changed on 15/02/2018 and the back-up meter was changed on 21/12/2020. The meter change protocols were provided to the VVB.

Current Meters:

	Main Meter	Back-up Meter
Brand	EMH	EMH
Type	LZQJ-XC-P2FB	LZQJ-XC-P2FB
Serial Number	6839361	10013143

Accuracy Class	0.2s active 0.5 re-active	0.2s active 0.5 re-active
Calibration Date	15/02/2018	21/12/2020
Meter test Date	14/02/2022	14/02/2022

The meter tests dated 16/11/2016, 27/11/2017, 15/02/2018, and 14/02/2022 were provided to the VVB.

The electricity meters have been controlled and maintained by the grid owner. The quantity of net electricity delivered to the grid has been taken from monthly TEİAŞ electricity meter readings. Data measured by meters will be crosschecked with the EPIAS records.

There are always internal reviews of the metered data which is checked by different parties. SCADA system is available from which daily reports are taken. The data collected daily is saved in plant manager computer and backed up. Sample log books were checked and there were no differences in data.

Moreover, the details of the ex-ante parameters were confirmed with checking the registered PDD (version 0.5 dated 11/10/2022) of the project activity.

The project's capacity was increased to 63.1 MW in the past crediting period. However, PP can use only 20.8 MW capacity's electricity generation (via Transformer A). Remain part of 42.3 MW installed capacity belongs to Transformer B. The electricity meters are different in Transformer A and in Transformer B. The current meters belong to Transformer A are indicated above. The meter details of Transformer B are as follows:

	Main Meter	Back-up Meter
Brand	EMH	EMH
Type	LZQJ-XC-P2FB	LZQJ-XC-P2FB
Serial Number	6839362	10013144
Accuracy Class	0.2s active 0.5 re-active	0.2s active 0.5 re-active
Meter test Date	14/02/2022	14/02/2022

Geo-coordinates of the verified components/turbines which has been verified with generation license and provisional acceptance protocols of the project activity:

	E	N
T1	4 31 234	44 15 670
T2	4 31 089	44 15 740
T3	4 30 960	44 15 836
T4	4 30 552	44 15 750
T5	4 30 392	44 15 765
T6	4 30 003	44 15 684
T7	4 29 870	44 15 783
T8	4 29 746	44 15 893
T9	4 29 636	44 16 015
T10	4 29 512	44 16 122

T11	4 30 807	44 15 918

4.5. Completeness of Monitoring

All parameters required by the methodology and Gold Standard are monitored. In line with the methodology, the only information to be monitored is the amount of net electricity exported to the grid by the project activity. The sustainable development indicators indicated in the GS passport relevant for the 5th verification (first verification of the second crediting period) are:

- $EG_{facility,y}$
- Number of Employment Generation
- Health and Safety Training Records
- ER_y
- Water Quality and Quantity

As there are no missing parameters, monitoring is complete.

4.6. GS4GG Safeguarding Principles and Requirements

Safeguarding Principles and Requirements are in line with the registered PDD and the final version of the Gold Standard for the Global Goals. For the verification of Safeguarding Principles and Requirements in the current monitoring period, document review, on-site visit observations and on-site interviews with local stakeholders were used.

Compliance check of the Data / Parameter(s) indicated in the Safeguarding Principles Monitoring Plan of the registered PDD has been carried out as described in Table 4-1 below:

Table 4-1: Safeguarding Principles monitoring parameters

No.	Relevant SDG Indicator/ Safeguarding Principle	Chosen Data / Parameter	Way of Monitoring (When)	Compliance Check
1.	$EG_{facility,y}$ (SDG 7 & Target: SDG 7.2)	Quantity of electricity generated and supplied by the project power plant to the grid in year y	Checking monthly electricity meter readings	The net electricity generation has been checked from the monthly TEİAŞ electricity meter readings (and cross-checked with EPIAS records). The details of the electricity generation are provided in Section 4.8 of this verification report.
2.	Number of Employment Generation (SDG 8 & Target: SDG 8.5)	Number of people employed directly due to the project activity	Checking social security records of the employees	Social security records of 8 employees were provided to the VVB.
3.	Health and Safety Training Records (SDG 8 & Target: SDG 8.8)	Number of certificates issued/trainings provided	Checking the training records	The training records of the employees dated 5-6-8/10/2022 were provided to the VVB.
4.	ER_y (SDG 13 & Target: SDG 13.3)	Emission Reductions in year y	Checking monthly electricity meter readings	The net electricity generation has been checked from the monthly TEİAŞ electricity meter readings (and cross-checked with EPIAS records). The details of the electricity generation are provided in Section 4.8 of this verification report. The electricity values have been multiplied by the ex-ante emission factor of 0.6482 tCO_2/MWh.

5.	Water Quality and Quantity (Principle 9.4)	Waste water disposal	By checking whether disposal practices comply with legal requirements (Continuously)	With evidence documents, a septic tank for collection of wastewater has been checked. The sewage is transferred by sewage truck to the municipality sewage system as per the "Regulation on Control of Water Contamination". The wastewater transfer receipts dated 19/09/2022 and 24/05/2023 were provided to VVB.

The project contributes to SDG 7 (Affordable and Clean Energy with 50,490.238 MWh net electricity generation), SDG 8 (Decent Work and Economic Growth with total 8 employed staff during the recent year of operation period and there are several training records which are indicated above), SDG-13 (Climate Action with achieved emission reduction of 32,727 tCO2e) during the monitoring period.

Therefore, based on the on-site visit observations, handled interviews and provided documents, it can be confirmed that sustainability parameters are monitored in line with the registered Monitoring Plan.

4.7. Compliance with the Calibration Frequency Requirements for Measuring Instruments

Although, re-calibration is required after ten years[2], nevertheless, in case of irregular difference between main and cross-check spare meters, TEIAS responsible are informed for the intervention. That means, TEIAS is responsible for the calibration and maintenance of the devices. The main meter was changed on 15/02/2018 and the back-up meter was changed on 21/12/2020. The meter change protocols were provided to the VVB.

Currently, the serial numbers of the meters are 6839361 for the main meter and 10013143 for the backup meter, respectively and both are EMH brand. All documents regarding meter quality and test have been presented for the fifth verification period. The meter tests dated 16/11/2016, 27/11/2017, 15/02/2018, and 14/02/2022 were provided to the VVB.

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.

[2] https://www.mevzuat.gov.tr/mevzuat?MevzuatNo=6381&MevzuatTur=7&MevzuatTertip=5

4.8. Assessment of Data and Calculation of Emission Reductions

Monthly TEİAŞ electricity meter readings and EPIAS records have been presented to the VVB for all months of the monitoring period. All data in emission reductions table are checked with monthly electricity meter readings ("Monthly Summary" Excel sheet in the ER Calculation Excel spreadsheet). Monthly electricity meter reading records are the main data source whereas EPIAS records has been utilized as the cross-check data source. The net electricity generated during the current monitoring period was as follows in Table 4-2 below:

Table 4-2: Net Electricity Generation Values

Period	Amount	Compliance check
01/07/2022-31/12/2022	Export to Grid: 27,919.712 MWh Import from Grid: 19.144 MWh Net electricity supplied to grid: 27,900.568 MWh	Monthly electricity meter readings
01/01/2023-30/06/2023	Export to Grid: 22,606.600 MWh Import from Grid: 16.930 MWh Net electricity supplied to grid: 22,589.670 MWh	Monthly electricity meter readings
Total (01/07/2022 - 30/06/2023)	Export to Grid: 50,526.312 MWh Import from Grid: 36.074 MWh Net electricity supplied to grid: 50,490.238 MWh	Monthly electricity meter readings

VVB confirms that the data used for emission reductions are correct. The grid emission factor taken is 0.6482 tCO_2/MWh and the value is same as fixed ex-ante in the registered PDD.

VVB also confirms that the methods and formulae used for calculating baseline emissions are in line with the methodology and the registered PDD. The net electricity generation is multiplied with the grid emission factor to arrive at the emission reductions.

The grid emission factor and data and parameters available before validation are also applied in line with the registered PDD.

Furthermore, double counting issue has also been assessed and the verification team has also checked the I-REC Registry (https://evident.services/device-register) and this project is not available within I-REC Registry database. Similarly, VCS project database (http://vcsprojectdatabase.org/#/home) and GCC project database (https://projects.globalcarboncouncil.com/pages/submitted_projects) were checked and this project is not available within VCS 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, VCS 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. Also, the signed and sealed letter dated 24/03/2024 was provided by the project owner about double counting. No legal contest or disputes has risen during monitoring period, VVB has been confirmed this from signed and sealed declaration about "Legal Contest" document which has been provided by PP.

4.9. Quality of Evidence

According to the PDD, the estimated emission reduction for this monitoring period would be 39,634 tCO2e corresponding to the monitoring period. However, the project in operation totally reached 32,727 tCO2e in this period.

The vintage break-up of the emission reductions during the current monitoring period was as follows in Table 4-3 below:

Table 4-3: Emission Reduction Values

Period	Emission reductions (tCO_2e)
01/07/2022- 31/12/2022	18,085
01/01/2023- 30/06/2023	14,642
Total (01/07/2022 - 30/06/2023)	32,727

Calculations have been reproduced by the VVB and the source data (monthly electricity meter readings) are presented by the PP.

4.10. Management System and Quality Assurance

There are two electricity meters as one main and one back up meter attached to the power plant for measurement of the generated electricity which were installed to the plant. The meters used in the power house are in line with the Energy Market Regulatory Authority (EMRA) requirements for the electricity meters. Both these meters are bi-directional (meter the energy in two directions – consumption and production). If there is a measuring difference between these two meters and one of the parties (TEIAS or the PP) requests for calibration of the meters, in this case, the meters will be calibrated without waiting for the periodical check. This calibration process is made by an accredited party under the control of TEIAS and the PP is not responsible for calibration of the meters in Turkey according to the local standards and requirements.

4.11. Materiality

Verification VVB checked all data set (monthly electricity meter readings records from 01/07/2022 – 30/06/2023) and each day of production is included in these readings. They are recorded and saved automatically 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.

4.12. Verification of Sampling Plan

No sampling approach is used.

4.13. Post Registration Changes

4.13.1. Temporary deviations

N/A.

4.13.2. Corrections

N/A.

4.13.3. Changes to the start date of the crediting period

N/A.

4.13.4. Permanent changes

N/A.

4.13.5. Changes to the project design

N/A.

5. LIST OF INDIVIDUALS INTERVIEWED

The list of individuals who were interviewed during the verification period is given in Table 5-1 below:

Table 5-1: List of individuals interviewed

Reference Number	Means of Interview [3]	Full Name	Title	Organization
I01	SV	Zerrin ŞAŞKIN	Female Villager	Üvecik Village
I02	SV	Servet ÇETİNTAŞ	Female Villager	Üvecik Village
I03	SV	Gülsüm ACUN	Female Villager	Üvecik Village
I04	SV	Vedat ÇETİNTAŞ	Deputy Headman	Üvecik Village
I05	SV	Fethi PEHLİVANOĞLU	Male Villager	Üvecik Village
I06	SV	Salih ÇETİNTAŞ	Male Villager	Üvecik Village
I07	SV	Tuncer ŞAŞKIN	Headman	Üvecik Village
I08	SV	Hakan HIZLI	Deputy Headman	Üvecik Village
I09	SV	Emre AYDOĞDU	Electrical Engineer	Alize Enerji Elektrik Üretim A.Ş.
I10	SV	Fatih DİLMAÇ	Electrician	Alize Enerji Elektrik Üretim A.Ş.
I11	SV	Engin TOY	Electrician	Alize Enerji Elektrik Üretim A.Ş.
I12	SV	Ferdi HIZLI	Employee	Alize Enerji Elektrik Üretim A.Ş.
I13	SV	Şaban UĞUR	Employee	Alize Enerji Elektrik Üretim A.Ş.
I14	SV	Çağla Balcı Eriş	Consultant	Rüzgar Danışmanlık

[3] SV: Site visit; T: Telephone; EM: E-mail

6. LIST OF DOCUMENTS REVIEWED

The list of the documents which were reviewed during the verification period is given in Table 6-1 below:

Table 6-1: List of documents reviewed

Document Number	Document Name	Version	Date (dd/mm/yyyy)
D01	Monitoring Report	0.1	24/03/2024
D02	Monitoring Report	0.2	23/05/2024
D03	ER Calculation Excel Sheet	0.1	24/03/2024
D04	ER Calculation Excel Sheet	0.2	23/05/2024
D05	Training Records	-	5-6-8/10/2022
D06	Monthly Electricity Meter Readings	-	07/2022 – 06/2023
D07	EPIAS Records	-	07/2022 – 06/2023
D08	Waste water Disposal Records	-	19/09/2022 24/05/2023
D09	Meter Change Protocols	-	15/02/2018 21/12/2020
D10	Meter Tests	-	16/11/2016 27/11/2017 15/02/2018 14/02/2022
D11	Social Security Records	-	2022 2023
D12	Registered PDD	0.5	11/10/2022
D13	Final Validation Report (for CP Renewal)	04	25/10/2022
D14	Design Renewal Review under GS4GG	-	08/11/2022
D15	SDG Impact Tool	0.1	24/03/2024
D16	Provisional Acceptance Protocol for 11 wind turbines	-	24/06/2009
D17	Generation License (Last amendment)	-	02/08/2017
D18	Declaration about Double Counting	-	24/03/2024
D19	Declaration about Legal Contest	-	24/03/2024
D20	“EIA Not Required” Decision	-	14/11/2007
D21	KMZ file of the Project Activity	-	-
D22	Verification Report of 4th Monitoring Period	05	11/11/2013
D23	Monitoring Report of 4th Monitoring Period	1.1	01/11/2013

Document Number	Document Name	Version	Date (dd/mm/yyyy)
D24	ACM0002	20.0	28/11/2019
D25	Tool for the demonstration and assessment of additionality	07.0	23/11/2012
D26	Combined tool to identify the baseline scenario and demonstrate additionality	07.0	22/09/2017
D27	Tool to calculate the emission factor for an electricity system	07.0	31/08/2018
D28	Tool to determine the remaining lifetime of equipment	01	16/10/2009
D29	Assessment of the validity of the original/current baseline and update of the baseline at the renewal of the crediting period	03.0.1	02/03/2012
D30	CDM Validation and Verification Standard for project activities version	3.0	09/09/2021
D31	CDM Project Standard for project activities	3.0	09/09/2021
D32	Gold Standard for Global Goals	1.2	-
D33	SDG Impact Tool	0.2	23/05/2024
D34	ER Calculation Excel Sheet	0.3	26/05/2024

7. VERIFICATION TEAM AND ITR COMPETENCE

Mr. Sandeep Kanda holds a Bachelor's degree in "Mechanical Engineering", a Master's degree in "Energy Systems Engineering" from the Indian Institute of Technology/Bombay and a Post Graduate Diploma in "Industrial Safety & Environmental Management" from the National Institute of Industrial Engineering in India. He has over 20 years of professional experience working in the area of energy and environmental management, capacity building, climate change adaptation and mitigation activities, sustainability, auditing and product development. Sandeep has been involved in various capacities in the development and impact assessment of more than 500 climate change mitigation projects and programmatic activities worldwide, covering a range of sectoral scopes, such as Energy industries (renewable-/non-renewable), Energy distribution, Energy demand, Manufacturing industries, Chemical industries, Transport, Metal production, Waste handling & disposal and Agriculture. With re-carbon, Sandeep is a free-lance Team Leader, ITR and a Project-Level Group 1, 5 and 6 Expert. Sandeep is also a Regional Expert for China, India, Indonesia, Mexico, Nepal, Philippines, Tanzania, Thailand, Türkiye and Vietnam.

Ms. İrem Taşkıran holds a B. Sc. in "Energy Systems Engineering" from Ankara Yıldırım Beyazit University. With re-carbon, İrem is an internal Team Leader and a Technical Expert for Project-Level Group 1 - GHG Project Type: Renewable Energy Production. Furthermore, İrem is a Regional Expert for Türkiye. Currently İrem undergoes a training program for Project-Level Group 1 - GHG Project Type: Energy Efficiency Improvements.

Ms. Helin Tüzer holds a B.Sc. degree in "Agriculture" from Ankara University. With re-carbon, Helin is an internal Validator/Verifier Trainee in Project-Level Group 1 - GHG Project Type: Renewable Energy Production.

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 Team Leader (TA 1.2, 13.1 and 13.2), a Regional Expert for Türkiye (TA 1.2, 13.1 and 13.2) and a trainee validator/verifier for TA 1.1, 2.1, 3.1 and 15.1.

7.1. 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 Certificate of Appointment is given to

Ms. İrem Taşkıran

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

This Appointment Certificate is granted on the date of **27.03.2024** by

Christian Johannes
(General Manager)

Gold Standard
Climate Security & Sustainable Development

Verified Carbon Standard
A VERRA STANDARD

CERCARBONO
Certified Carbon Standard

PROJECT LEVEL GROUP	GHG PROJECT TYPE EXPERTISE	EQUIVALENT CDM TECHNICAL AREA EXPERTISE (reference only)	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT
1	Renewable Energy Production	1.2	23.10.2023	23.10.2023	11.12.2023		09.11.2022	23.10.2023	23.10.2023	11.12.2023		09.11.2022					09.11.2022
1	Energy Efficiency Improvements	3.1	Trainee	Trainee	Trainee		Trainee	Trainee	Trainee	Trainee		Trainee					
5	Methane Collection & destruction	13.2															
5	Livestock & other anaerobic digester operations	13.2															
5	Agricultural methane emission reduction	15.1															
5	Agricultural carbon emission reduction	15.1															
6	Capture & destruction of landfill gas	13.1															
6	Capture & use of landfill gas	13.1															
6	Avoidance of methane production in wastewater treatment	13.1															
		SDS Criteria:	23.10.2023	23.10.2023	11.12.2023		09.11.2022	23.10.2023	23.10.2023	11.12.2023		09.11.2022					09.11.2022

ICR International Carbon Registry

BioCarbon Registry

PROJECT LEVEL GROUP	GHG PROJECT TYPE EXPERTISE	EQUIVALENT CDM TECHNICAL AREA EXPERTISE (reference only)	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT
1	Renewable Energy Production	1.2	23.10.2023	23.10.2023	11.12.2023		09.11.2022	23.10.2023	23.10.2023	11.12.2023		09.11.2022	23.10.2023	23.10.2023	11.12.2023		09.11.2022
1	Energy Efficiency Improvements	3.1	Trainee	Trainee	Trainee		Trainee	Trainee	Trainee	Trainee		Trainee	Trainee	Trainee	Trainee		Trainee
5	Methane Collection & destruction	13.2															
5	Livestock & other anaerobic digester operations	13.2															
5	Agricultural methane emission reduction	15.1															
5	Agricultural carbon emission reduction	15.1															
6	Capture & destruction of landfill gas	13.1															
6	Capture & use of landfill gas	13.1															
6	Avoidance of methane production in wastewater treatment	13.1															
		SDS Criteria:	23.10.2023	23.10.2023	11.12.2023		09.11.2022	23.10.2023	23.10.2023	11.12.2023		09.11.2022	23.10.2023	23.10.2023	11.12.2023		09.11.2022
													15.03.2024	15.03.2024	15.03.2024		15.03.2024
													15.03.2024	15.03.2024	15.03.2024		15.03.2024
													15.03.2024	15.03.2024	15.03.2024		15.03.2024

COUNTRY EXPERTISE: Türkiye for all above listed GHGRSs

F-C-044 / 27.03.2024 - 02

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 Certificate of Appointment is given to

Mr. Sandeep Kanda

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

This Appointment Certificate is granted on the date of **27.03.2024** by

Christian Johannes
(General Manager)

Gold Standard
Climate Security & Sustainable Development

Verified Carbon Standard
A VERRA STANDARD

CERCARBONO
Certified Carbon Standard

PROJECT LEVEL GROUP	GHG PROJECT TYPE EXPERTISE	EQUIVALENT CDM TECHNICAL AREA EXPERTISE (reference only)	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT
1	Renewable Energy Production	1.2	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022					
1	Energy Efficiency Improvements	3.1	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022					
5	Methane Collection & destruction	13.2	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022					
5	Livestock & other anaerobic digester operations	13.2	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022					
5	Agricultural methane emission reduction	15.1	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022					
5	Agricultural carbon emission reduction	15.1	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022					
6	Capture & destruction of landfill gas	13.1	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022					
6	Capture & use of landfill gas	13.1	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022					
6	Avoidance of methane production in wastewater treatment	13.1	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022					
		SDS Criteria:	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022	08.02.2022					

ICR International Carbon Registry

BioCarbon Registry

PROJECT LEVEL GROUP	GHG PROJECT TYPE EXPERTISE	EQUIVALENT CDM TECHNICAL AREA EXPERTISE (reference only)	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT
1	Renewable Energy Production	1.2	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022
1	Energy Efficiency Improvements	3.1	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022
5	Methane Collection & destruction	13.2	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022
5	Livestock & other anaerobic digester operations	13.2	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022
5	Agricultural methane emission reduction	15.1	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022
5	Agricultural carbon emission reduction	15.1	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022
6	Capture & destruction of landfill gas	13.1	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022
6	Capture & use of landfill gas	13.1	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022
6	Avoidance of methane production in wastewater treatment	13.1	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022
		SDS Criteria:	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	02.02.2023	07.07.2022	07.07.2022	07.07.2022	07.07.2022	07.07.2022

Cr	Trainee	Trainee	Trainee	Trainee	Trainee
Su	Trainee	Trainee	Trainee	Trainee	Trainee
consca	Trainee	Trainee	Trainee	Trainee	Trainee

COUNTRY EXPERTISE: China, India, Indonesia, Mexico, Philippines, Tanzania, Thailand, Türkiye, Vietnam for all above listed GHGRSs

F-C-044 / 27.03.2024 - 02

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 Certificate of Appointment is given to

Ms. Helin Tüzer

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

This Appointment Certificate is granted on the date of **27.03.2024** by

Christian Johannes
(General Manager)

Gold Standard — Climate Security & Sustainable Development

Verified Carbon Standard — A VERRA STANDARD

CERCARBONO — Certified Carbon Standard

PROJECT LEVEL GROUP	GHG PROJECT TYPE EXPERTISE	EQUIVALENT CDM TECHNICAL AREA EXPERTISE (reference only)	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT
1	Renewable Energy Production	1.2	Trainee	Trainee			Trainee	Trainee	Trainee			Trainee					
1	Energy Efficiency Improvements	3.1															
5	Methane Collection & destruction	13.2															
5	Livestock & other anaerobic digester operations	13.2															
5	Agricultural methane emission reduction	15.1															
5	Agricultural carbon emission reduction	15.1															
6	Capture & destruction of landfill gas	13.1															
6	Capture & use of landfill gas	13.1															
6	Avoidance of methane production in wastewater treatment	13.1															
		SDS Criteria:															

ICR International Carbon Registry

BioCarbon Registry

PROJECT LEVEL GROUP	GHG PROJECT TYPE EXPERTISE	EQUIVALENT CDM TECHNICAL AREA EXPERTISE (reference only)	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT	VERIFIER	VALIDATOR	TEAM LEADER	ITR	EXPERT
1	Renewable Energy Production	1.2	Trainee	Trainee			Trainee	Trainee	Trainee			Trainee	Trainee	Trainee			Trainee
1	Energy Efficiency Improvements	3.1															
5	Methane Collection & destruction	13.2															
5	Livestock & other anaerobic digester operations	13.2															
5	Agricultural methane emission reduction	15.1															
5	Agricultural carbon emission reduction	15.1															
6	Capture & destruction of landfill gas	13.1															
6	Capture & use of landfill gas	13.1															
6	Avoidance of methane production in wastewater treatment	13.1															
		SDS Criteria:															

[illegible]	15.03.2024	15.03.2024			15.03.2024
[illegible]	15.03.2024	15.03.2024			15.03.2024
GORSCA	15.03.2024	15.03.2024			15.03.2024

COUNTRY EXPERTISE: Trainee for Türkiye for all above listed GHGRSs

F-C-044 / 27.03.2024 - 02

8. VERIFICATION AND CERTIFICATION OPINION

Re Carbon Ltd. performed the 5th verification (first verification of the second crediting period) of Gold Standard "Alize Camseki 20.8 MW Wind Farm Project, Turkey", a project with the registry reference number "GS399" for the monitoring period in between 01/07/2022 and 30/06/2023. The scope of our activities covers the verification and the certification of GHG emissions reductions, as reported in the Monitoring Report Version 0.2 dated 23/05/2024 of "Alize Camseki 20.8 MW Wind Farm Project, Turkey".

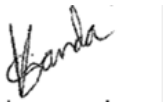
Rüzgar Karbon ve Enerji Danışmanlık Sanayi Ticaret Limited Şirketi is responsible for the preparation of the GHG emissions data and the reported GHG emissions reductions of the project on the basis set out within the project Monitoring Plan as indicated in the final PDD. The development and maintenance 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 0.2.

The verification was performed by a verification team consisting of "Öykü Yakupoğlu as the Previous Team Leader, İrem Taşkıran as the Current Team Leader, Helin Tüzer as the Trainee Verifier and Sandeep Kanda as the ITR", and the project activity was checked against the applicable rules and regulations of CDM including Section I of CDM Modalities and Procedures, the relevant guidance and decisions of the COP/MOP, CDM EB and CDM Validation and Verification Standard for project activities version 3.0, CDM Project Standard for project activities version 3.0, GS4GG version 1.2.

Re Carbon Ltd. hereby confirm that the project activity "Alize Camseki 20.8 MW Wind Farm Project, Turkey" in Turkey, was implemented in accordance with the validated and registered PDD version 0.5, dated 11/10/2022. The monitoring system is in place and the emission reductions were calculated without material misstatements as per the applied approved methodology ACM0002: Grid-connected electricity generation from renewable sources, version 20.0.

Re Carbon Ltd. confirms the following, based on the results of the document review and the on-site assessment:

Project Title	Alize Camseki 20.8 MW Wind Farm Project, Turkey
Applicable Period	01/05/2019 – 30/04/2022
Baseline Emissions	32,727 tCO_2e (01/07/2022-31/12/2022: 18,085 and 01/01/2023-30/06/2023: 14,642) GSVERs
Project Emissions	0 tCO_2e
Leakage Emissions	0 tCO_2e
Emission Reductions	32,727 tCO_2e (01/07/2022-31/12/2022: 18,085 and 01/01/2023-30/06/2023: 14,642) GSVERs

		
İrem TAŞKIRAN	Sandeep KANDA	Havva ÖZTÜRK
Team Leader	ITR	CMD Review
24/04/2023	27/05/2024	xx/xx/2024

ANNEX 1: VERIFICATION PROTOCOL

Table 1 – 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 Developers' Response	Verification Team Conclusion
CAR-1 In KPI section, monitoring period number, the related monitoring period number along with the crediting period number is not indicated	KPI	Response-1: In KPI section, monitoring period number, the related monitoring period number along with the crediting period number has been indicated.	Review-1: OK, closed. (related monitoring period number along with the crediting period has been indicated in KPI)
CAR-2 Monitoring period date has been indicated crediting period dates part in SDG Tool.	SDG Tool	Response 1:Monitoring period date has been corrected dates part of SDG Tool.	Review-1: OK, closed. (Dates have been corrected in SDG Tool)
CAR-3 Date in B31 row should have been corrected in ER Excel Sheet.	ER Excel Sheet	Response-1: Date in B31 row have been already corrected in ER Excel Sheet. So there is no changes.	Review-1: OK, closed. (Dates have been corrected in ER Excel Sheet)
CAR-4 In Table-1, emission reduction value for 01/01/2023 to 30/06/2023 dates have been indicated wrong.	KPI	Response-1: In Table-1, emission reduction value for 01/01/2023 to 30/06/2023 dates have been corrected 14,462 instead of 14,463.	Review-1: OK, closed. (Value has been corrected)
CAR-5 Response of FAR1 indicates CP3 information.	B.1.1	Response-1: It has been deleted.	Review-1: OK, closed. (Details about CP3 has been deleted)
CAR-6 For CP2 or For CP3 statements should be deleted throughout the MR.	MR	Response-1: For CP2 or For CP3 statements have been deleted throughout the MR	Review-1: OK, closed. (Statements have been deleted)
CAR-7	D.2	a) Dates of disposal records for Water Quality and Quantity has been added in 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 Developers' Response	Verification Team Conclusion
a) Dates of disposal records for Water Quality and Quantity is missing. b) For 01/01/2023-30/06/2023 dates, electricity generation value has been indicated wrongly in EGfacility,y parameter. c) Old meter details can be deleted in EGfacility,y parameter table. d) In Ery parameter, information about CP3 should be deleted.		b) For 01/01/2023-30/06/2023 dates, electricity generation value has been corrected as 22,589.670 instead of 22,589.570 in EGfacility,y parameter. c) Old meter details have been deleted in EGfacility,y parameter table. d) In Ery parameter, information about CP3 has been deleted.	a) OK, closed. (Dates of waste water disposal records have been indicated) b) OK, closed. (Electricity generation value of 2023 has been corrected) c) OK, closed. (Information about CP3 has been deleted)
CAR-8 In section E.4, project estimate value for SDG 7 is wrong.	E.4	It has been revised accordingly.	Review-1: OK, closed. (Value of SDG7 has been corrected)
CAR-9 a) In section E.5, estimated values for SDG 7 and SDG 13 has been indicated wrong. b) Actual value of SDG 13 is not in line with ER Excel Sheet.	E.5	a) In section E.5, estimated values for SDG 7 and SDG 13 has been already correct so there are no changes. b) Actual value of SDG 13 has been corrected as 32,727 instead of 32,728 and it is in line with ER Excel Sheet now.	Review-1: a) OK, closed. (Values have been corrected) b) OK, closed. (Value of SDG 13 has been corrected)
CAR-10 Information about 3rd cp should be removed in section G.2.	G.2	Removed.	Review-1: OK, closed. (Information about CP3 has been deleted)
CAR-11 Column B in the Details tab of the ER sheet is to be checked and corrected for the date therein.	ITR	It has been revised accordingly	Review-1: OK, closed. (Column B has been corrected in ER Excel Sheet)
FAR-1 During our review of the GS Registry Page, we noticed that the project developer's name was mistakenly entered as [Cagla Balci Eris]. It should be corrected to [Doğal Enerji Elektrik Üretim A.Ş.]. DOE, which will carry			

* 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 Developers' Response	Verification Team Conclusion
out the next process, should verify that the project developer written in the GS registry is the same as the project owner.			

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