Verification and certification report form for GS project activities

VERICATION AND CERTIFICATION REPORT	
Title of the project activity	Suloglu Wind Power Plant, Turkey
GS Reference number of the project activity	2763
Version number of the verification and certification report	3.0Aa
Completion date of the verification and certification report	15/02/2021
Monitoring period number and duration of this monitoring period	2nd Monitoring Period 01/05/2017 - 30/04/2019 (both days included)
Version number of monitoring report to which this report applies	Version 4 of 02/02/2021
Crediting period of the project activity corresponding to this monitoring period	19/09/2015 - 18/09/2022
Project participant(s)	Steag Ruzgar Suloglu Enerji Uretim ve Ticaret A.S. (Private Entity, Project Owner)
Host Party	Turkey
Sectoral scope(s), selected methodology(ies)	Sectoral scope 1: Energy Industries (Renewable-/non-renewable sources) ACM0002, Consolidated baseline methodology for grid-connected electricity from renewable sources - Version 16.0
Estimated GHG emission reductions or net anthropogenic GHG removals for this monitoring period in the registered PDD	232,580 tCO_2
Certified GHG emission reductions or net anthropogenic GHG removals for this monitoring period	252,742 tCO_2
Name of DOE	RINA Services S.p.A. (RINA)
Name, position and signature of the approver of the verification and certification report	Laura Severino Head of Sustainability Compliance & New Scheme Development Coordination

SECTION A. Executive summary

Purpose and general description of the project

The project activity is a wind power plant consists of 20 turbines; all of them are Vestas V126 3.3MW wind turbines each with a 3 MWe capacity making the total installed capacity of 60 MWe/ 66 MWm. The generated electricity is fed to the national grid. The estimated net electricity production is 207,200 MWh/year and the annual emission reductions are estimated to be 116,290 tCO_2 as confirmed through the registered PDD /1/.

The project activity aims to reduce the greenhouse gas emissions in Turkey by replacing fossil fuel power generation and contribute to the development of the wind energy sector in Turkey, as well as aims to support the local economy by creating local employment and providing equipment locally.

The GHG benefit of the project activity was only accounted under Gold Standard. There are not any other RECs were being issued for the project activity. Furthermore, as a host country in Turkey such any programme like a government-regulated system or programme for the constraint and monetisation of GHG emissions (such as emissions trading scheme, cap and trade or carbon tax mechanisms) has not been implemented.

Location

The project is located at Lalapasa District, Edirne Province of Turkey.

Scope of verification

Verification is the periodic independent review and ex-post determination by a DOE of the monitored reductions in GHG emissions that have occurred as a result of the registered GS project activity during a defined monitoring period. Certification is the written assurance by a DOE that, during a specific period in time, a project activity achieved the emission reductions as verified. The objective of this verification is to verify and certify emission reductions reported for the Suloglu Wind Power Plant, Turkey, for the period 01/05/2017 - 30/04/2019.

The scope of the verification is to verify that:

- The project activity has been implemented and operated in accordance with the registered PDD or any approved revised PDD;
- The monitoring plan, including compliance with any guidance provided by the Board regarding deviations from the provisions of a registered plan and/or methodology;
- The data and calculation of GHG emission reductions have been assessed to correctly support the emission reductions being claimed.

The verification shall ensure that reported emission reductions are complete and accurate in order to be certified.

Verification process

Verification is conducted using RINA procedures in line with the GS requirements and requirements specified in the CDM Validation and Verification Standard available at the time of the verification starts and applying standard auditing techniques. RINA assess and determines that the implementation and operation of the project activity, and steps taken to report emission reductions comply with the GS criteria. The verification assessment involved a document review of relevant documentation and the on-site visit (remote audit).

Verification is not meant to provide any consultancy towards the project participants. However, stated requests for clarifications and/or corrective actions may have provided input for improvement of the monitoring.

Conclusion

RINA commissioned by Steag Ruzgar Suloglu Enerji Uretim ve Ticaret A.S. has performed the verification of the emission reductions reported for the project activity Suloglu Wind Power Plant, Turkey with GS Registration Reference No. 2763 for the monitoring period 01/05/2017 - 30/04/2019, with regard to the relevant GS requirements and principles for project activities. The project was validated by Re-consult (validation report N° 344, version 04 issued on 05/09/2016).

The GHG emission reductions are calculated on the basis of the approved methodology ACM0002, Grid-connected electricity generation from renewable sources - version 16.0 of 20/11/2014 and the monitoring plan included in the registered PDD version 07 of 23/08/2016. In our opinion the GHG emission reductions reported for the project in the monitoring report Version 4 of 02/02/2021 are fairly stated.

SECTION B. Verification team, technical reviewer and approver

B.1. Verification team member

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)	Involvement in			
						Desk review	On-site inspection (Remote Audit)	Interview(s)	Verification findings
1.	Team Leader, Verifier, Technical & Local Expert TA 1.2	IR	Kıratlı	Tuğçe	RINA Turkey	✓	✓	✓	✓

B.2. Technical reviewer and approver of the verification and certification report

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)
1.	Technical reviewer	IR	Amalorpavanathan	Cyril Augustus A	RINA India
2	Approver	IR	Severino	Laura	RINA HO

SECTION C. Application of materiality

C.1. Consideration of materiality in planning the verification

No.	Risk that could lead to material errors, omissions or misstatements	Assessment of the risk		Response to the risk in the verification plan and/or sampling plan
		Risk level	Justification	
1.	Human error in the quantification of emissions (which may be more likely to occur if personnel are unfamiliar with, or not well trained regarding, emissions processes or data recording).	Low	This is the 2nd verification; the project proponent is familiar with monitoring procedures and data reporting in line with the registered PDD and previous verification and certification reports. In addition, previous verifications of another WPPs which belong to the project proponent are performed by RINA. The prime monitoring parameter is net export to grid which is as per monthly generation report as recorded in calibrated energy meters. Hence, the risk level is low.	During the site visit, the verification team will interview the staffs of the CDM team and check all records to confirm whether the monitoring plan has been well implemented. The major parameters used for determining the project's baseline emissions are the measurement of net electricity generation according to the monitoring plan is recorded monthly. The team will review the whole data set of the monthly report and crosschecked against invoice raised. The verification team will check the relevant records to confirm whether the data
2	Undue reliance on a poorly designed information system, which may have few effective quality controls.	Low	This is the 2nd verification, the project proponent has already established a well organized monitoring team, monitoring plan, including data collection procedure and QA/QC procedure consistent with	

			registered monitoring plan. Monitoring equipments are calibrated at defined frequency. Hence, the risk level is low.	collection procedure and QA/QC procedure have been well implemented.
3	Manual adjustment of otherwise automatically recorded activity levels.	Low	As detailed in section C.2 below, the data of the main monitoring parameters are taken from calibrated meters (energy meter) and can be verified from totalizer values. The monitoring equipment's are calibrated according to national standards and rules. Hence, the risk level is low.	

C.2. Consideration of materiality in conducting the verification

The project activity happens at a single site and export to grid from the plant is monitored and recorded using calibrated energy meter and 100% data is available for verification. The data which directly affect emission reduction calculations being net electricity generation is monitored and measured by calibrated electricity meters, 100% verifiable. Hence, in line with paragraph 329 and section 9.1.2.3.1 of the CDM Validation and Verification standard /6/ no significant reporting risks to the materiality of the verification were envisaged while planning for the verification and were not identified during the verification process. During the course of the verification, the team reviewed the whole data set of monthly records for net electricity /15/ and cross-checked with monthly meter records /16/. The data reported in the monitoring report are consistent with the monthly records, and the emission reductions are correctly calculated. In conclusion, the verification team confirms the data set to be free from material error.

SECTION D. Means of verification

D.1. Desk review

The monitoring report Version 4 of 02/02/2021 and previous versions /3/, the emission reduction calculations provided in the form of a spreadsheet "Suloglu_ER Calculation_v2.xlsx" version 2 of 08/10/2020 and previous version /9/, the approved baseline and monitoring methodology ACM0002 version 16.0 of 20/11/2014 /7/ and all the documentation provided to support the monitoring period /1 – 27/, was assessed as part of the verification. In addition, the Project Design Document (PDD) version 07 of 23/08/2016 /1/, in particular as regards the baseline estimations and the monitoring plan and the Validation Report version 04 of 05/09/2016 /8/ for the project, were reviewed. The list of all documents reviewed are referenced during the verification is available in Appendix 3 below.

D.2. On-site inspection (Remote Audit)

Duration of on-site inspection (Remote Audit): 04/08/2020				
No.	**Activity performed on-site (Remote Audit)**	**Site location**	**Date**	**Team member**
1.	Implementation and operation of the proposed project activity. Checked the monitoring equipment, interviewed key personnel of the plant to confirm the operational and data collection procedures, cross-checked between information provided in the monitoring report and data plant	Lalapasa District of Edirne Province	04/08/2020	Tugce Kiratli
2	Reviewed the information flows for generating, aggregating and reporting the monitoring parameters	Lalapasa District of Edirne Province	04/08/2020	Tugce Kiratli
3	Checked calibration performance, reviewed calculations and assumptions made in determining the GHG data and emission reductions	Lalapasa District of Edirne Province	04/08/2020	Tugce Kiratli
4	Checked the quality control and quality assurance procedures in place to prevent or identify and correct any errors or omissions in the reported monitoring parameters	Lalapasa District of Edirne Province	04/08/2020	Tugce Kiratli
5	Cross-checked between information provided in the monitoring report and data evidence, including the Gold Standard for Global Goal parameters	Lalapasa District of Edirne Province	04/08/2020	Tugce Kiratli

D.3. Interviews

No.	**Interviewee**			**Date**	**Subject**	**Team member**
	Last name	**First name**	**Affiliation**			
1.	OZTURK	Hazal	Life Iklim ve Enerji *Carbon Consultant*	04/08/2020	Implementation status of the project Monitoring equipment and operation Generated Electricity Monitoring of Gold Standard Parameters Expropriation	Tugce Kiratli
2.	TUTAY	Serkan	Suloglu WPP *Power Plant Responsible*	04/08/2020		Tugce Kiratli
3.	DEMIREL	Cafer	Vaysal Village *Mukhtar*	04/08/2020	Benefit of the project to the village Grievance/Inputs Environmental Impacts Local Employment Expropriation	Tugce Kiratli
4.	CENTIK	Yavuz	Kucunlu Village *Mukhtar*	04/08/2020		Tugce Kiratli
5	KURU	Levent	Hacilar Village *Mukhtar*	04/08/2020		Tugce Kiratli
6	KAYACAN	Erdinc	Kalkansogut Village *Mukhtar*	04/08/2020		Tugce Kiratli
7	YORUK	Zekeriya	Hacilar Village *Stakeholder*	04/08/2020		Tugce Kiratli
8	GOZUKUCUK	Erdogan	Hacilar Village *Stakeholder*	04/08/2020		Tugce Kiratli

During on remote audit, the mukhtars of Vaysal, Kucunlu, Hacilar and Kalkansogut Villages were interviewed, and no complaints were raised during these discussions, rather the local stakeholders are pleased with the project activity and they are in a good relationship with the project's employees. Also, some of the stakeholders were interviewed and all mukhtars are confirmed that all stakeholders whose lands were leased got their money.
During interview, it is asked to the stakeholders and project employees if any legal contests or disputes have arisen during the monitoring period and they confirmed that there is no legal contest or disputes have arisen.

During on remote audit, logbook has been checked and it was confirmed that no negative feedbacks or comments were written and received related to project activity during grievance mechanism and continuous inputs for the monitoring period. In addition to this, it was confirmed that no comment is written in the logbook.

D.4. Sampling approach

Not applicable.

D.5. Clarification requests, corrective action requests and forward action requests raised

Areas of verification findings	No. of CR	No. of CAR	No. of FAR
Compliance of the monitoring report with the monitoring report form			
Compliance of the project implementation with the registered PDD	2		
Post-registration changes			
Compliance of the monitoring plan with the monitoring methodology including applicable tool and standardized baseline			
Compliance of monitoring activities with the registered monitoring plan			
Compliance with the calibration frequency requirements for measuring instruments			
Assessment of data and calculation of emission reductions or net removals	2	1	
Others (please specify)			
Total	4	1	

SECTION E. Verification findings

E.1. Compliance of the monitoring report with the monitoring report form

Means of verification	The monitoring report version 4 and previous versions /3/ submitted by the PP has been the basis for starting the verification process. RINA confirms that the Monitoring report is based on the currently valid MR template /10/.
Findings	NA
Conclusion	RINA verified that the monitoring report was completed in accordance with the Guideline for Completing the Monitoring Report Form, version 7 /10/.

E.2. Remaining forward action requests from validation and/or previous verification

Based on the issuance review of the Gold Standard Foundation /23/ and verification report /20/, 1 FAR is raised during the previous verification period.

FAR#1: The PP shall provide information on the expropriation result under the monitoring report and verifying DOE shall verify the information also through interviews with the locals.

According to the interviews with the mukhtars and stakeholders, it is confirmed that all payment is made to the stakeholders. Also, the expropriation file /26/ containing the title deeds, the rented parcel information has been provided.

Hence, FAR 1 is closed.

E.3. Compliance of the project implementation with the registered project design document

Means of verification	The Monitoring Report for the project activity " Suloglu Wind Power Plant, Turkey", Version 4 of 02/02/2021 submitted by the Steag Ruzgar Suloglu Enerji Uretim ve Ticaret A.S. has been the basis for the verification process. It was verified during the remote audit that the proposed project activity has been implemented and it is in operation in accordance with the project activity described in the registered PDD /1/. The starting date of operation and crediting period is given as 19/09/2015 as confirmed through the Provisional Acceptance Certificate /25/. The project is a 66 MWm / 60 MWe wind power plant. The project consists of 20 wind turbines with a unit capacity of 3.3 MWm / 3.0 MWe each. It is confirmed through generation license /13/. Total output of the project is 60 MWe as per the the Provisional Acceptance Certificate /25/. The technical details of the wind turbines could not be confirmed through any objective evidence. The project boundary in the registered PDD /1/ is in line with the actual project boundary. It is indicated in the MR that the generated electricity is supplied to the National Electricity Transmission Grid of Turkey via Edicim TM, 154 kV. It is confirmed through generation license /13/.
Findings	**CR 1**: Please correct the issues given below; - Please discuss FAR raised by GS in the Monitoring Report. - The template version of the MR is out of date. Please use the most recent template. - According to the format of the MR, the table of "Amount of GHG emission reductions or net anthropogenic GHG removals achieved by the project activity in this monitoring period" given in the first page should be corrected as Amount achieved before 01 Jan 2013 and Amount achieved from 01 Jan 2013 - The value of "Amount of GHG emission reductions or net anthropogenic GHG removals estimated ex ante for this monitoring period in the PDD" given in the first page is not calculated correctly. Please check. - FAR raised by GS in the Monitoring Report is now discussed in the MR. - The template version of the MR is now revised as version 07.0.0. - According to the format of the MR, the table of "Amount of GHG emission reductions or net anthropogenic GHG removals achieved by the project activity in this monitoring period" given in the first page is now corrected as Amount achieved before 01 Jan 2013 and Amount achieved from 01 Jan 2013 - The value of "Amount of GHG emission reductions or net anthropogenic GHG removals estimated ex ante for this monitoring period in the PDD" given in the first page is now calculated correctly. **Hence, CR 1 is closed.** **CR 2:** - The links given in the ex-ante parameters is not working. - The values of ex-ante parameters should be given instead of referred PDD. - The value of $EG_{facility,y}$ should be given without rounding up. In addition, misspelled "7300 days" should be corrected. - The photo of the electricity meters should be provided. - The links given in the ex-ante parameters is now working. - The values of ex-ante parameters is now given instead of referred PDD. - The value of $EG_{facility,y}$ is now given without rounding up. In addition, misspelled "7300 days" is now corrected. - The photos of the electricity meters are now provided, and serial number of the

	electricity meters could now be confirmed. **Hence, CR 2 is closed.**
Conclusion	RINA confirms that the above MR is based on the currently valid MR template /10/ and is completed in accordance with the applicable guidance document /10/. Based on the onsite inspection and checking the above documents, RINA confirms that the project activity has been implemented and it is in operation as described above in accordance with the project activity in the registered PDD /1/.

E.4. Post-registration changes

E.4.1. Temporary deviations from the registered monitoring plan, monitoring methodology or standardized baseline

Not available.

E.4.2. Corrections

Not available.

E.4.3. Changes to the start date of the crediting period

Not available

E.4.4. Inclusion of a monitoring plan to a registered project activity

Not available

E.4.5. Permanent changes from registered monitoring plan, monitoring methodology or standardized baseline

Not available

E.4.6. Changes to the project design of a registered project activity

Not available

E.4.7. Types of changes specific to afforestation and reforestation project activities

Not available

E.5. Compliance of monitoring plan with the monitoring methodology including applicable tool and standardized baseline

Means of verification	The project applies the approved methodologies ACM0002 "Consolidated baseline methodology for grid-connected electricity from renewable sources" version 16.0 of 20/11/2014 /7/. The following tools are also applicable to the project activity: Tool to calculate the emission factor for an electricity system, version 04.0 of 04/10/2013 /11/; "Tool for the demonstration and assessment of additionality", version 07.0 of 23/11/2012 /12/.
Findings	NA
Conclusion	The monitoring plan in the registered PDD /1/ is in accordance with the monitoring methodology ACM0002 "Consolidated baseline methodology for grid-connected electricity from renewable sources" version 16.0 of 20/11/2014 /7/.

E.6. Compliance of monitoring activities with the registered monitoring plan

E.6.1. Data and parameters fixed ex ante or at renewal of crediting period

Means of verification

The parameters were available at the validation stage, which do not need to monitor during the crediting period, as per the registered PDD /1/:

DATA/ PARAMETER	Source of data	Reported value for the project period	Assessment/ Observation
Combined Margin Emission	TEIAS statistics	0.5612 tCO_2/MWh	As per the approved methodology ACM0002 version 16.0 /7/, the combined emission factor has been determined

	Factor			using the ex-ante option and so it is not requested to monitor and recalculate the emission factors during the crediting period. The combined emission factor is determined to be 0.5612 tCO_2/MWh in the registered PDD /1/ and validation report /8/.
Findings	NA			
Conclusion	Data and parameters fixed ex-ante are in accordance with the registered PDD /1/			

E.6.2. Data and parameters monitored

Means of verification	The following parameters are monitored in accordance with the registered PDD /1/. The only monitoring parameter is "Quantity of net electricity generation supplied by the project plant to the grid in year y (EGfacility,y)" as per the registered monitoring plan presented in the registered PDD /1/. The parameter is monitored continuously as "MWh/year" by two electricity meters. The main meter is EMH - LZQJ-XC with serial number 4784493 and the backup meter is EMH - LZQJ-XC with serial number 4784494. The electricity meters are first installed on 20/06/2015 as confirmed through the index protocol /21/. The accuracy of the meters is 0.5s (Cl.2) as confirmed through the first index protocol /21/, performed by TEIAS. The accuracy class of the meters complies with the "Communiqué for Measurement Devices used in the Electricity Market" /17/. The electricity meters are sealed by TEIAS will be also confirmed during the site visit.
Findings	NA
Conclusion	RINA's opinion that the monitoring of the project activity has been carried out in accordance with the monitoring plan in the revised PDD /1/.

E.6.3. Implementation of sampling plan

Means of verification	N/A
Findings	N/A
Conclusion	N/A

E.7. Compliance with the calibration frequency requirements for measuring instruments

Means of verification	TEAIS is responsible for calibration and maintenance of the devices as per the registered PDD. The project owner has no control on the meters since the meters are sealed by the TEIAS. If any major discrepancy occurs between the two meters, TEIAS performs necessary calibration. During this monitoring period no discrepancy was occurred. The meters were calibrated on 20/06/2015 as confirmed through the first index protocol /21/. The recalibration of these meters will be done in line with the equipment requirements and through the period defined by national metrology institutes country by country and for Turkey this period is defined as 10 years. The calibration of meters is deemed appropriate and in compliance with the national regulation /18/.
Findings	**NA**
Conclusion	RINA's opinion that the monitoring of the project activity has been carried out in accordance with the monitoring plan in the registered PDD /1/.

E.8. Assessment of data and calculation of emission reductions or net removals

E.8.1. Calculation of baseline GHG emissions or baseline net GHG removals by sinks

Means of verification	The baseline emissions include the CO_2 emissions from electricity generation in fossil fuel fired power plants that are displaced due to the project activity, multiplying the electricity supplied to the grid (MWh) with the combined margin CO_2 emission factor for grid connected power generation in year.

	$BEy = EGy \times EF_{grid,CM,y}$ Where: BEy = Baseline emissions in year y (tCO_2/yr). EGy = Net Electricity supplied by the project activity to the grid (MWh). $EF_{grid,CM,y}$ = Combined margin CO_2 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" Baseline Emission in 2017 (starting from 01/05/2017 to 31/12/2017): BE_{2017}= 142,589.16 [MWh] * 0.5612 [tCO_2/MWh] = 80,021 tCO_2 Baseline Emission in 2018 (starting from 01/01/2018 to 31/12/2018): BE_{2018}= 224,923.59 [MWh] * 0.5612 [tCO_2/MWh] = 126,227 tCO_2 Baseline Emission in 2019 (01/01/2019 to 30/04/2019): BE_{2019}= 82,849.11 [MWh] * 0.5612 [tCO_2/MWh] = 46,494 tCO_2 The net electricity generation supplied by the project activity (starting from 01/05/2017 to 30/04/2019) as follows; For 2017 = 142,589.16 MWh For 2018 = 224,923.59 MWh For 2019 = 82,849.11 MWh Total= 450,361.86 MWh The details of verified calculation is provided by the PP via calculation spreadsheet /9/
Findings	**CR 3:** - In Section E.2 and E.3 of the MR, more clear explanation should be given. - In Section E.4 of the MR, the round down value should also be given in the table. - In Section E.2 and E.3 of the MR, more clear explanation is now given. - The end date of the monitoring period is now given correctly. In addition, the date format is now revised as per the GS requirements. **Hence, CR 3 is closed.** **CAR 1:** The EPIAS data of April 2018 is not in line with the monthly meter reading. Please check. After the revision of the data, all monitoring report should be revise. The EPIAS data of April 2018 is now in line with the monthly meter reading. After the revision of the data, all monitoring report is now revised. **Hence, CAR 1 is closed.**
Conclusion	RINA verified that the baseline emissions were calculated in accordance with the registered PDD and methodology ACM0002 "Consolidated baseline methodology for grid-connected electricity from renewable sources" version 16.0 of 20/11/2014 /7/.

E.8.2. Calculation of project GHG emissions or actual net GHG removals by sinks

Means of verification	The project emissions are assumed to be zero as per the ACM0002 /7/ since the

	project is a renewable energy project as defined in the registered PDD /1/ and validation report /8/.
Findings	N/A
Conclusion	RINA verified that the project emissions were assumed 0 in accordance with the registered PDD /1/ and methodology ACM0002 /7/.

E.8.3. Calculation of leakage GHG emissions

Means of verification	The leakage emissions are assumed to be zero as per the ACM0002 /7/ as defined in the registered PDD /1/. Since the project and leakage emissions are zero, the emission reduction equals to baseline emissions.
Findings	N/A
Conclusion	Leakage was considered as zero in accordance with the applied methodology /7/.

E.8.4. Summary of calculation of GHG emission reductions or net anthropogenic GHG removals by sinks

Means of verification	According to the applied methodology "ACM0002", "Consolidated baseline methodology for grid-connected electricity from renewable sources" /7/, the emission reductions have been calculated based on the following formula: Emission reductions are calculated as follows: ERy = BEy − PEy − LEy Where: ERy = Emission reductions in year y (t CO_2/yr). BEy = Baseline emissions in year y (t CO_2/yr). PEy = Project emissions in year y (t CO_2/yr). LEy = Leakage emissions in year y (t CO_2/yr). Emission Reduction in 2017 (starting from 01/05/2017 to 31/12/2017): ER $_{2017}$= 80,021 – 0 - 0= 80,021 tCO_2 Emission Reduction in 2018 (starting from 01/01/2018 to 31/12/2018): ER $_{2018}$= 126,227 – 0 - 0= 126,227 tCO_2 Emission Reduction in 2019 (starting from 01/01/2019 to 30/04/2019): ER $_{2019}$= 46,494 – 0 - 0= 46,494 tCO_2 Total ER = 252,742 tCO_2 (the value has been rounded down to be conservative site) The details of verified calculation is provided by the PP via calculation spreadsheet /9/
Findings	NA
Conclusion	The emission reduction calculations provided in the spreadsheet /9/ have been verified to be correct and in line with the registered PDD /1/ and applied methodologies /7/.

E.8.5. Comparison of actual GHG emission reductions or net anthropogenic GHG removals by sinks with estimates in registered PDD

Means of verification	The emission reductions from the project for the monitoring period as reported in the latest monitoring report Version 4 of 02/02/2021 /3/ is equivalent to 252,742 tCO_2. The reported emission reductions are 8.67% higher than the estimated emission reduction for the current monitoring period as per the registered PDD /1/. The calculation is verified through calculation spreadsheet /9/.
Findings	**NA**
Conclusion	The actual emission reduction is 8.67% higher than the estimated reduction given in the registered PDD /1/. The reason of the difference between the actual and

	estimation emission reduction is explained related to high wind speed than expected.

E.8.6. Remarks on difference from estimated value in registered PDD

Means of verification	The emission reductions from the project for the monitoring period as reported in the latest monitoring report Version 4 of 02/02/2021 /3/ is equivalent to 252,742 tCO_2. The reported emission reductions are 8.67% higher than the estimated emission reduction for the current monitoring period as per the registered PDD /1/. The calculation is verified through calculation spreadsheet /9/.
Findings	**NA**
Conclusion	The actual emission reduction is 8.67% higher than the estimated reduction given in the registered PDD /1/. The reason of the difference between the actual and estimation emission reduction is explained related to high wind speed than expected.

E.8.7. Actual GHG emission reductions or net anthropogenic GHG removals by sinks during the first commitment period and the period from 1 January 2013 onwards

Means of verification	RINA verified that the actual monitoring period does not fall into the first commitment period.
Findings	NA
Conclusion	RINA verified that the actual monitoring period does not fall into the first commitment period.

E.8.8. Assessment of the sustainability parameters

Means of verification

The assessment of the monitored parameters is described in the tables below:

Data variable	**Source of Data**	**Reported value for the project period**
Air Quality Amount of CO, NMVOC emissions	Ex-ante fixed respective emission factor and Electricity Generation /9/	• CO = 72.2 tons • NMVOC = 15.4 tons
Assessment		
The parameter is monitored annually by calculation with ex-ante fixed respective emission factors and amount of net electricity generation. It is verified through calculation spreadsheet /9/.		

Data variable	**Source of Data**	**Reported value for the project period**
Water Quality and Quantity Disposal of wastewater	Ex-ante fixed respective calculation factor and Electricity Generation /9/ Wastewater Invoice /24/	Avoidance of around 11,851.411 m^3 wastewater discharge to the environment for the monitoring period and also 3 times wastewater is disposed by sewage truck.
Assessment		
The parameter is monitored on an annual base by calculation and wastewater invoices /24/. It is confirmed that the wastewater is stored in a septic tank on site, disposed by sewage truck and no disposal to the environment. It is also verified through calculation spreadsheet /9/.		

Data variable	**Source of Data**	**Reported value for the project period**
Quality of Employment Health & Safety conditions of employers	Training Certificates /19/	Employees participated to the trainings.

	Assessment *Health & Safety trainings:* The parameter is monitored annually base by checking the certificates of the Health and Safety trainings. During on this monitoring period, the certificates checked, the relevant employees have been given health and safety training /19/.

Data variable	Source of Data	Reported value for the project period
Balance of Payment Amount of payment for natural gas to be imported for electricity generation	TEIAS Statistics and Electricity Generation Calculation Excel sheet /9/	amount of avoided imported natural gas is 4,245,164 m^3 and the total payment is 1,888,037 EUR per year
Assessment		
Balance of payment: This parameter is monitored annually by the TEIAS Statistics and Electricity Generation Calculation Excel sheet /9/. It was confirmed that in this monitoring period amount of avoided imported natural gas is 4,245,164 m^3 and the total payment is 1,888,037 EUR per year.		

Data variable	Source of Data	Reported value for the project period
Livelihood of the Poor Land acquisition	Interviews and expropriation file /26/	All payment is made.
Assessment		
Land acquisition: This parameter is monitored once in the first verification period by interviews. According to the interviews, all payment is made to the stakeholders. Also the expropriation file /26/ containing the title deeds, the rented parcel information has been provided.		

Findings

CR 4:

- Air Quality: The value should be revised after April 2018 is changed. The parameter of "Dust Emission" was monitored during the first verification period. This parameter does not need to be monitored. Please remove.
- Water Quality and Quantity: The value should be revised after April 2018 is changed. The current situation for the parameter of "Payment Receipt" is not presented.
- Quality of employment: According to the chosen parameter, only Health and Safety trainings should be monitored. Please give the current situation (training list) for this parameter in the report and provide supporting document for Safety measures and equipment.
- Biodiversity: The parameter of "Biodiversity" was monitored during the first verification period. This parameter does not need to be monitored. Please remove.
- Balance of payment and investments: The value should be revised after April 2018 is changed.
- Other Pollutants: The parameter of "Noise Level" was monitored during the first verification period. This parameter does not need to be monitored. Please remove.
- Soil Condition: The parameter of "impact of project activity over roads" was monitored during the first verification period. This parameter does not need to be monitored. Please remove.
- Livelihood of the Poor: According to the FAR raised in GS comments and previous verification report, all the supporting document about expropriation

	should be provided and clear explanation should be given in current situation. - Please also provide the contact details for the mukhtar, the stakeholders and people involved in expropriation. - Air Quality: The value is now revised after April 2018 is changed. The parameter of "Dust Emission" is removed. - Water Quality and Quantity: The value is now revised after April 2018 is changed. The current situation for the parameter of "Payment Receipt" is now presented. - Quality of employment: According to the chosen parameter, only Health and Safety trainings are now monitored. The current situation (training list) is now given for this parameter in the report and supporting document for Safety measures and equipment are now provided. - Biodiversity: The parameter of "Biodiversity" was monitored during the first verification period. This parameter does not need to be monitored and now it is removed. - Balance of payment and investments: The value is now revised after April 2018 is changed. - Other Pollutants: The parameter of "Noise Level" was monitored during the first verification period. This parameter does not need to be monitored and now it is removed. - Soil Condition: The parameter of "impact of project activity over roads" was monitored during the first verification period. This parameter does not need to be monitored and now it is removed. - Livelihood of the Poor: All supporting document about expropriation is now provided. - The contact details for the mukhtar, the stakeholders and people involved in expropriation is now provided. **Hence, CR 4 is closed.**
Conclusion	RINA verified that the GS indicators described in the monitoring report are accurate and real. Data to cross check the monitored parameters are available at the office of the company. Also, the registers of the sustainability indicators were available during the remote audit.

SECTION F. Internal quality control

The draft final verification report before being submitted to the client will be/is subjected to an independent technical review to confirm that all validation activities has been completed according to the pertinent RINA's procedures. The technical review will be/is performed by a technical reviewer(s) qualified in accordance with the RINA's qualification procedure.

SECTION G. Verification opinion

RINA Services Spa (RINA) has performed verification of the emission reductions reported for the project activity Suloglu Wind Power Plant, Turkey, GS Registration Reference No. 2763 for the period 01/05/2017 - 30/04/2019, with regard to the relevant GS requirements and principles. The project participants are responsible for the preparation for the collection of data in accordance with the monitoring plan and the reporting emission reductions from the project. It is RINA's responsibility to express an independent verification opinion on the reported emission reductions from the project and does not express any opinion on the selected baseline scenario or on the validated and registered PDD. Based on documented evidences and corroborated by an on-site assessment (remote audit during this period) RINA can confirm that: (i) the project has been implemented and operated as per the registered PDD; (ii) the monitoring report and other supporting documents provided are complete and verifiable and in accordance with the applicable GS requirements and principles; (iii) the monitoring is in place as per the applied baseline and monitoring

methodology; (iv) the monitoring complies with the registered monitoring plan; (v) the monitoring plan in the registered PDD is as per the applied baseline and monitoring methodology.

SECTION H. Certification statement

It is RINA's opinion that the GHG emission reductions stated in the latest version of monitoring report (Version 4 of 02/02/2021) /3/ for the project activity "Suloglu Wind Power Plant, Turkey" for the period 01/05/2017 - 30/04/2019 are fairly stated. The GHG emission reductions were calculated correctly on the basis of the approved monitoring methodology ACM0002, Grid-connected electricity generation from renewable sources - version 16.0 of 20/11/2014 /7/. Hence, RINA is able to certify that the emission reductions from the project during the monitoring period 01/05/2017 - 30/04/2019 amount to 252,742 tCO_2.

Appendix 1. Abbreviations

Abbreviations	Full texts
BE	Baseline Emissions
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CDM M&P	Modalities and Procedures CDM
CER(s)	Certified Emission Reduction(s)
CH_4	Methane
CR	Clarification Request
CO_2	Carbon dioxide
CO_2e	Carbon dioxide equivalent
CRT	Coordination and Technical Control Staff
DCI	Certification Division of RINA Services Spa
DNA	Designated National Authority
DOE	Designated Operational Entity
EB	Executive Board
EPIAS	Energy Market Management Inc.
ER	Emission Reductions
FAR	Forward Action Request
GHG(s)	Greenhouse gas(es)
GS	Gold Standard
GWP	Global Warming Potential
IPCC	Intergovernmental Panel on Climate Change
LoA	Letter of Approval
MoV	Means of Verification
MR	Monitoring Report
NGO	Non-governmental Organization
ODA	Official Development Assistance
PDD	Project Design Document
PE	Project Emission
PP(s)	Project Participant(s)
Ref.	Document Reference
RINA	RINA Services Spa
SS(s)	Sectoral Scope(s)
TA(s)	Technical Area(s)
TEIAS	Turkish Electricity Transmission Company (Turkiye Elektrik Iletim A.S.)
UNFCCC	United Nations Framework Convention on Climate Change
VVS	Validation and Verification Standard

Appendix 2. Competence of team members and technical reviewers

RINA SERVICES

classification, certification, inspection & testing

CERTIFICATO DI QUALIFICA PER GLI SCHEMI VOLONTARI*
*QUALIFICATION CERTIFICATE FOR VOLUNTARY SCHEMES**

Si attesta che il sig./sig.ra:
We declare that Mr/Mrs/Ms:

Cyril Augustus Arokiasamy Amalorpavanathan

è qualificato come:
is qualified as:

TEC, VAL, VER, TL, Local Expert, ITRP

per le seguenti aree tecniche:
for the following technical areas:

AREE TECNICHE *TECHNICAL AREAS*	DESCRIZIONE DELL'AREA TECNICA *TECHNICAL AREA DESCRIPTION*	SCOPO SETTORIALE *SECTORAL SCOPE*
1.1	Thermal energy generation	1
1.2	Renewables	1
3.1	Energy Demand	3
5.1	Chemical Industry	5
13.1	Solid Waste and wastewater	13

REVISIONE *REVISION*	DATA *DATE*	MOTIVAZIONI PER LA REVISIONE *REASON FOR THE REVISION*
0	19/07/2016	First issue with new template (this certificate is linked to CDM qualification)
2	09/10/2017	Qualification update as ITRP

Responsabile di schema
Scheme Leader
Laura SEVERINO

*SCHEMI VOLONTARI/ VOLUNTARY SCHEMES: ACR American Carbon Registry, CCB The Climate, Community & Biodiversity Alliance, GS Gold Standard, JI Joint Implementation, SCS Social Carbon Standard, VCS Verified Carbon Standard.

TEC: Technical expert; VAL: Validator; VER: Verifier; TL: Team leader; FIN EXP: Financial Expert; ITRP: Independent technical reviewer

RINA Services S.p.A. è accreditato/riconosciuto da
RINA Services S.p.A. Is accredited /recognized by

UNFCCC	quale Entità Operativa Designata (DOE), per condurre la Validazione e la Verifica di Progetti CDM *as Designated Operational Entity (DOE), to carry out Validation and Verification of CDM Projects*
VCSA	per condurre la Validazione e la Verifica di Progetti VCS *to carry out Validation and Verification of VCS Projects*
GS Foundation	per condurre la Validazione e la Verifica di Progetti GS *to carry out Validation and Verification of GS Projects*
Ecologica Institute	per condurre la Validazione e la Verifica di rapporti SCS *to carry out Validation and Verification of SCS Reports*
American Carbon Registry ACR	per condurre la Validazione e la Verifica di Progetti ACR *to carry out Validation and Verification of ACR projects*
The Climate, Community & Biodiversity Alliance CCB	per condurre la Validazione e la Verifica di Progetti co-benefit CCB *to carry out Validation and Verification of co-benefit CCB projects*

GHG_QUAL_CERT_EN_07_16 Voluntary(Certificate) Page 1 of 1

RINA SERVICES

classification, certification, inspection & testing

CERTIFICATO DI QUALIFICA PER GLI SCHEMI VOLONTARI*
*QUALIFICATION CERTIFICATE FOR VOLUNTARY SCHEMES**

Si attesta che il sig./sig.ra:
We declare that Mr/Mrs/Ms:

Tugce Kiratli

è qualificato come:
is qualified as:

TEC, VAL, VER, TL, ITRP
LOCAL EXPERT

per le seguenti aree tecniche:
for the following technical areas:

AREE TECNICHE *TECHNICAL AREAS*	DESCRIZIONE DELL'AREA TECNICA *TECHNICAL AREA DESCRIPTION*	SCOPO SETTORIALE *SECTORAL SCOPE*
1.2	Renewables	1
13.1	Solid waste and wastewater	13

REVISIONE *REVISION*	DATA *DATE*	MOTIVAZIONI PER LA REVISIONE *REASON FOR THE REVISION*
0	19/07/2016	First issue with new template
1	09/06/2017	Added qualification as ITRP and Local Expert

Responsabile di schema
Scheme Leader
Laura Severino

*SCHEMI VOLONTARI/ VOLUNTARY SCHEMES: ACR American Carbon Registry, CCB The Climate, Community & Biodiversity Alliance, GS Gold Standard, JI Joint Implementation, SCS Social Carbon Standard, VCS Verified Carbon Standard.

TEC: Technical expert; VAL: Validator; VER: Verifier; TL: Team leader; FIN EXP: Financial Expert; ITRP: Independent technical reviewer

RINA Services S.p.A. è accreditato/riconosciuto da
RINA Services S.p.A. is accredited /recognized by

UNFCCC	quale Entità Operativa Designata (DOE), per condurre la Validazione e la Verifica di Progetti CDM *as Designated Operational Entity (DOE), to carry out Validation and Verification of CDM Projects*
VCSA	per condurre la Validazione e la Verifica di Progetti VCS *to carry out Validation and Verification of VCS Projects*
GS Foundation	per condurre la Validazione e la Verifica di Progetti GS *to carry out Validation and Verification of GS Projects*
Ecologica Institute	per condurre la Validazione e la Verifica di rapporti SCS *to carry out Validation and Verification of SCS Reports*
American Carbon Registry ACR	per condurre la Validazione e la Verifica di Progetti ACR *to carry out Validation and Verification of ACR projects*
The Climate, Community & Biodiversity Alliance CCB	per condurre la Validazione e la Verifica di Progetti co-benefit CCB *to carry out Validation and Verification of co-benefit CCB projects*

Appendix 3. Documents reviewed or referenced

No	Author	Title	References to the document	Provider
1	Life Iklim ve Enerji	GS-PDD for "Suloglu Wind Power Plant, Turkey"	version 07 of 23/08/2016	Project participant
2	Life Iklim ve Enerji	Gold Standard Passport for Project Activity "GS_Passport_SüloğluWPP_29082016_clean.doc"	date of 29/08/2016	Project participant
3	Life Iklim ve Enerji	Monitoring Report for "Suloglu Wind Power Plant, Turkey"	Version 4 of 02/02/2021 version 3 of 18/11/2020 version 2 of 08/10/2020 version 1 of 16/07/2020	Project participant
4	Gold Standard Foundation	Gold Standard Requirements	version 2.2 of 01/07/2012	Publicly available
5	Gold Standard Foundation	Gold Standard Toolkit	version 2.2 of 01/07/2012	Publicly available
6	CDM Executive Board	Clean Development Mechanism Validation and Verification Standard	version 02.0 of 29/11/2018	Publicly available
7	CDM Executive Board	Baseline and monitoring methodology "ACM0002" "Consolidated baseline methodology for grid-connected electricity from renewable sources"	version 16.0 of 20/11/2014	Publicly available
8	Re-consult	Validation Report for "Suloglu Wind Power Plant, Turkey" Validation Report N° 344	version 04 of 05/09/2016	Others
9	Life Iklim ve Enerji	Emission Reduction Calculation Spreadsheet "Suloglu_ER Calculation_v2.xlsx"	version 2 of 08/10/2020 version 1 of 16/07/2020	Project participant
10	CDM Executive Board	Guideline for Completing the Monitoring Report Form	version 07.0 of 31/05/2019	Publicly available
11	CDM Executive Board	Methodological Tool "Tool to calculate the emission factor for an electricity system"	version 04.0.0 of 04/10/2013	Publicly available
12	CDM Executive Board	Methodological Tool "Tool for the demonstration and assessment of additionality"	version 07.0 of 23/11/2012	Publicly available
13	Energy Market Regulatory Authority	Generation License EU/3118-7/1873	date of 16/03/2011	Project participant
14	Nazka Muhendislik	Project Introduction File of Suloglu WPP	of 07/2009	Project participant
15	TEIAS	Monthly Meter Reading Protocols	from 01/05/2017 - 30/04/2019	Project participant
16	Enerji Piyasaları İşletme A.S.(EPIAS)	Monthly Electricity Records within the Monitoring Period	from 01/05/2017 - 30/04/2019	Project participant
17	Energy Market Regulatory Authority	Communiqué for Measurement Devices used in the Electricity Market	date of 22/03/2003	Publicly available
18	The Ministry of	Regulation of Metering and Testing of Metering	date of	Publicly

	Trade and Industry	Systems	24/07/1994	available
19	Hayatlab ISG	Health and Safety Training for 7 Employees	date of 21/09/2017 19/10/2017 06/03/2018 13/04/2018 23/05/2018 20/09/2018 21/12/2018	Project participant
20	RINA	Verification Report No. GS_VER_REP_Suloglu WPP_17TQ21MD_Rev 1.1Aa_02102017.pdf	date of 02102017	Other
21	TEIAS	First Index Protocol of the Electricity Meters	date of 20/06/2015	Project participant
22	Social Security Institution	SGK Records for the Project Activity Employees	submitted on 16/07/2020	Project participant
23	The Gold Standard Foundation	GS2763_1st_M.P_Issuance_Review_Final_Round.pdf	date of 17/01/2018	Others
24	Lalapasa Tasimacilik	Wastewater Invoice, No: 134132 Wastewater Invoice, No: 133901 Wastewater Invoice, No: 134216 Wastewater Invoice, No: 134154 Wastewater Invoice, No: 057604 Wastewater Invoice, No: 131242	19/12/2017 06/10/2017 05/09/2018 13/04/2018 14/11/2018 22/05/2017	Project participant
25	The Ministry of Energy and Natural Resources	Provisional Acceptance Certificate of Turbines #7,8,9,10,11,12 Provisional Acceptance Certificate of Turbines #1,2,34,5,6, Provisional Acceptance Certificate of Turbines #13, 14, 15, 16, 17, 18, 19, 20	date of 18/09/2015 date of 11/10/2015 date of 13/11/2015	Other
26	Steag Ruzgar Suloglu Enerji	File of Expropriation	date of 16/11/2020	Project participant
27	Hacilar Village	Logbook	Submitted on 09/12/2020	Project participant

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

Table 1. Remaining FAR from validation and/or previous verification

FAR ID	1	**Section no.**		**Date:**
Description of FAR				
The PP shall provide information on the expropriation result under the monitoring report and verifying DOE shall verify the information also through interviews with the locals.				
Project participant response				**Date:** 08/10/2020
Related information on the expropriation result has been now provided in the section F of MR.				
Documentation provided by project participant				
DOE assessment				**Date:** 05/11/2020
A letter has been submitted for expropriation. The presented article is not written on any letterhead and there is no signature. The results of the case mentioned in the article, if necessary, the payment receipts or title deeds must be forwarded to us for verification. Information about the content of these supporting documents should be added to the report. **Hence, FAR 1 is not closed.**				
Project participant response				**Date:** 18/11/2020

Detailed and clear information has been now added in the section F of MR. Also, all necessary legal documents (title deeds, final permission for the forestry lands, list of lands regarding which is signed easement and lease agreements) has been now provided.
DOE assessment **Date:** 28/11/2020
The necessary detailed explanation is now given in Section F of the MR and the supporting document is now provided to the verification team. **Hence, FAR 1 is closed.**

Table 2. CR from this verification

CR ID	1	**Section no.**	A-B-C	**Date:** 29-09-2020
Description of CR				
Please correct the issues given below; - Please discuss FAR raised by GS in the Monitoring Report. - The template version of the MR is out of date. Please use the most recent template. - According to the format of the MR, the table of "Amount of GHG emission reductions or net anthropogenic GHG removals achieved by the project activity in this monitoring period" given in the first page should be corrected as Amount achieved before 01 Jan 2013 and Amount achieved from 01 Jan 2013 - The value of "Amount of GHG emission reductions or net anthropogenic GHG removals estimated ex ante for this monitoring period in the PDD" given in the first page is not calculated correctly. Please check.				
Project participant response				**Date:** 08/10/2020
- Related FAR has been discussed in the Monitoring Report in the section F. - Most recent template version has been now used for the MR. - Table of "Amount of GHG emission reductions or net anthropogenic GHG removals achieved by the project activity in this monitoring period" given in the first page has been now corrected. - The value of "Amount of GHG emission reductions or net anthropogenic GHG removals estimated ex ante for this monitoring period in the PDD" has been now revised.				
Documentation provided by project participant				
DOE assessment				**Date:** 05/11/2020
Please correct the issues given below; - FAR raised by GS in the Monitoring Report is now discussed in the MR. - The template version of the MR is now revised as version 07.0.0. - According to the format of the MR, the table of "Amount of GHG emission reductions or net anthropogenic GHG removals achieved by the project activity in this monitoring period" given in the first page is now corrected as Amount achieved before 01 Jan 2013 and Amount achieved from 01 Jan 2013 - The value of "Amount of GHG emission reductions or net anthropogenic GHG removals estimated ex ante for this monitoring period in the PDD" given in the first page is now calculated correctly. **Hence, CR 1 is closed.**				

CR ID	2	**Section no.**	D.1 – D.2	**Date:** 29-09-2020
Description of CR				
- The links given in the ex-ante parameters is not working. - The values of ex-ante parameters should be given instead of referred PDD. - The value of $EG_{facility,y}$ should be given without rounding up. In addition, misspelled "7300 days" should be corrected. - The photo of the electricity meters should be provided.				
Project participant response				**Date:** 08/10/2020

- The links given in the ex-ante parameters have been now updated.
- The values of ex-ante parameters have been given in tables in the Appendix of the Monitoring Report.
- The value of EGfacility,y has been now revised. Also, misspelled "7300 days" has been now corrected.
- The photo of the electricity meters has been provided.

Documentation provided by project participant

DOE assessment	**Date:** 06-11-2020

- The links given in the ex-ante parameters is now working.
- The values of ex-ante parameters is now given instead of referred PDD.
- The value of $EG_{facility,y}$ is now given without rounding up. In addition, misspelled "7300 days" is now corrected.
- The photos of the electricity meters are now provided, and serial number of the electricity meters could now be confirmed.

Hence, CR 2 is closed.

CR ID	3	Section no.	E	Date: 29-09-2020
Description of CR				
- In Section E.2 and E.3 of the MR, more clear explanation should be given. - In Section E.4 of the MR, the round down value should also be given in the table.				
Project participant response				**Date:** 08/10/2020
- In section E.2 and E.3 of the MR have been now revised. - In Section E.4 of the MR, the round down value has been now given as a table.				
Documentation provided by project participant				
DOE assessment				**Date:** 06-11-2020
- In Section E.2 and E.3 of the MR, more clear explanation is now given. - In Section E.4 of the MR, the round down value is now given in the table. However, the end date of the monitoring period (31.04.2020) is given incorrectly. In addition, please specify the date as xx/xx/xxxx format as per the GS requirements. **Hence, CR 3 is not closed.**				
Project participant response				**Date:** 18/11/2020
- In Section E.4 of the MR, the end date of the monitoring period has been now corrected as 30/04/2020. In addition, the date has been now revised as xx/xx/xxxx format.				
DOE assessment				**Date:** 28/11/2020
- The end date of the monitoring period is now given correctly. In addition, the date format is now revised as per the GS requirements. **Hence, CR 3 is closed.**				

CR ID	4	Section no.	F	Date: 29-09-2020
Description of CR				
- Air Quality: The value should be revised after April 2018 is changed. The parameter of “Dust Emission” was monitored during the first verification period. This parameter does not need to be monitored. Please remove. - Water Quality and Quantity: The value should be revised after April 2018 is changed. The current situation for the parameter of “Payment Receipt” is not presented. - Quality of employment: According to the chosen parameter, only Health and Safety trainings should be monitored. Please give the current situation (training list) for this parameter in the report and provide supporting document for Safety measures and equipment. - Biodiversity: The parameter of “Biodiversity” was monitored during the first verification period. This parameter does not need to be monitored. Please remove. - Balance of payment and investments: The value should be revised after April 2018 is changed. - Other Pollutants: The parameter of “Noise Level” was monitored during the first verification period. This parameter does not need to be monitored. Please remove. - Soil Condition: The parameter of “impact of project activity over roads” was monitored during the first verification period. This parameter does not need to be monitored. Please remove. - Livelihood of the Poor: According to the FAR raised in GS comments and previous verification report, all the supporting document about expropriation should be provided and clear explanation should be given in current situation. - Please also provide the contact details for the mukhtar, the stakeholders and people involved in expropriation.				
Project participant response				**Date:** 08/10/2020

- Air Quality : The value has been now revised. Also, the parameter of “Dust Emission” has been now removed. - Water Quality and Quantity: The value has been now revised. The current situation for the parameter of “Payment Receipt” has been now presented in section D.2 of the MR. - Quality of employment: Current situation (training list) has been given in the report for this parameter. Related supporting documents have been provided for safety equipments. - Biodiversity: The parameter of “Biodiversity” has been now removed. - Balance of payment and investments: The value has been now revised. - Other Pollutants: The parameter of “Noise Level” has been now removed. - Soil Condition: The parameter of “impact of project activity over roads” has been now removed. - Livelihood of the Poor: Related explanation has been now given for current situation section D.2 of the MR. Supporting document about expropriation has been now provided. - Contact details for the mukhtar, the stakeholders and people involved in expropriation have been provided.
Documentation provided by project participant

DOE assessment	**Date:** 06-11-2020
- Air Quality: The value is now revised after April 2018 is changed. The parameter of “Dust Emission” is removed. - Water Quality and Quantity: The value is now revised after April 2018 is changed. The current situation for the parameter of “Payment Receipt” is now presented. - Quality of employment: According to the chosen parameter, only Health and Safety trainings are now monitored. The current situation (training list) is now given for this parameter in the report and supporting document for Safety measures and equipment are now provided. - Biodiversity: The parameter of “Biodiversity” was monitored during the first verification period. This parameter does not need to be monitored and now it is removed. - Balance of payment and investments: The value is now revised after April 2018 is changed. - Other Pollutants: The parameter of “Noise Level” was monitored during the first verification period. This parameter does not need to be monitored and now it is removed. - Soil Condition: The parameter of “impact of project activity over roads” was monitored during the first verification period. This parameter does not need to be monitored and now it is removed. - Livelihood of the Poor: According to the FAR raised in GS comments and previous verification report, a clear explanation is given in current situation. However, all supporting document about expropriation is still not provided. Please provide the payment receipts or title deeds. - The contact details for the mukhtar, the stakeholders and people involved in expropriation is now provided. **Hence, CR 4 is not closed.**	
Project participant response	**Date:** 18/11/2020
- Livelihood of the Poor: Clear explanation has been given for current situation section D.2 of the MR. Necessary supporting documents (title deeds, final permission for the forestry lands, list of lands regarding which is signed easement and lease agreements) have been now provided.	
DOE assessment	**Date:** 28/11/2020
- Livelihood of the Poor: All supporting document about expropriation is now provided. **Hence, CR 4 is closed.**	

Table 3. CAR from this verification

CAR ID	1	**Section no.**	Whole report	**Date:** 29-09-2020
Description of CAR				
The EPIAS data of April 2018 is not in line with the monthly meter reading. Please check. After the revision of the data, all monitoring report should be revise.				
Project participant response				**Date:** 08/10/2020
- All monitoring report has been now revised.				
Documentation provided by project participant				

DOE assessment	**Date:** 06-11-2020
The EPIAS data of April 2018 is now in line with the monthly meter reading. After the revision of the data, all monitoring report is now revised. **Hence, CAR 1 is closed.**	

Table 4. FAR from this verification

FAR ID	1	**Section No.**		**Date:**
Description of FAR				
Project participant response				**Date:**
Documentation provided by project participant				
DOE assessment				**Date:**

Document information

Version	*Date*	*Description*
01.0	10/06/2016	Initial publication.