



**Verified Carbon
Standard**

VERIFICATION REPORT

SUZLON 8.40 MW WIND POWER PROJECT



Document Prepared by RINA Services S.p.A (RINA)

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Summary:

The project has set up to produce clean power from wind power project. The generated electricity is supplied to the Unified Indian grid. The project consists of 4 units of 2.1 MW capacity WTGs which are located in Jaisalmer District of Rajasthan, India. The entire renewable power generated by the project activity is exported to Jodhpur Vidyut Vitaran Nigam Limited.

Verification is the periodic independent review and ex-post determination by a VVB of the monitored reductions in GHG emissions that have occurred as result of the registered VCS project activity during a defined monitoring period. Certification is the written assurance by a VVB that during a specific period, a project activity achieved the emission reductions as verified. The objective of this verification is to verify and certify emission reductions as verified. The objective of this verification is to verify and certify emission reductions reported for the project 'Suzlon 8.40 MW Wind Power Project' for the period 01-September-2021 to 30-April-2023.

Verification is conducted using RINA procedures in line with the VCS Standard Version 4.4/05/, available at the time of the verification starts and applying standard auditing techniques. RINA assessed and determine that the implementation and operation of the project activity and steps taken to report emission reductions comply with the VCS criteria. The verification assessment involved a document review of relevant documentation. The review of the registered project design documentation/02/, monitoring report/01/ and additional documents/04/ related to baseline and monitoring methodology/11/, the subsequent background investigation, follow-up interviews and

stakeholders have provided RINA S.p.A with sufficient evidence to validate the fulfilment of the stated criteria.

During the verification 03 CARs were identified in relation to evidence for emission reduction calculation; RINA thus requested the resolution of the findings prior to proceeding with the verification process. The Project participant was invited to respond to the issued listed in Appendix II. During the process of verification by VVB, the PP provided the substantial evidence and updated documents, thus CARs were closed correctly.

In conclusion, it is RINA's opinion that the project activity "Suzlon 8.40 MW Wind Power Project", as described in the Monitoring Report Version 02 of 02-November-2023/01/ meets all relevant requirements for CDM and VCS activities/05/ and all relevant host Party criteria and correctly applies the baseline and monitoring methodology AMS -I.D. "Grid connected renewable electricity generation (Version 18)/11/. Hence RINA is able to certify that the emission reductions from the project activity "Suzlon 8.40 MW Wind Power Project", during the VCS monitoring period 01-September-2021 to 30-April-2023 (including both days) amount to 13,797 tons of CO₂e.

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1 INTRODUCTION

1.1 Objective

RINA has been commissioned by “Kishangarh Hi-tech Textile Park Ltd”, to perform an independent verification of its VCS project, “Suzlon 8.40 MW Wind Power Project”, already registered under VCS with Project ID. 1203/03/, for the reported GHG emission reductions for the given monitoring period 01-September-2021 to 30-April-2023 (both days inclusive). The VCS projects must undergo independent third-party verification and certification of emission reductions as the basis for issuance of Voluntary Emission Reductions (VERs/VCUs).

The objectives of this verification exercise are, by review of objective evidence, to establish that:

- The project activity has been implemented and operated as per the CDM project design document/02/, VCS project description (PD)/03/ and that all physical features (technology, project equipment, and monitoring and metering equipment) of the project are in place;
- Monitoring report/01/ and other supporting documents are complete;
- The data is recorded and stored as per the monitoring methodology and approved monitoring plan/02/.
- To confirm that the monitoring system is implemented and fully functional to generate Voluntary Emission Reductions (VERs/VCUs) without any double counting, and
- To establish that the data reported are accurate, complete, consistent, transparent and free of material error or omission by checking the monitoring records and the emission reduction calculations/04/.

1.2 Scope and Criteria

The scope of the verification is to verify that:

- The project activity has been implemented and operated in accordance with CDM project design document/02/ and VCS project description (PD)/03/;
- The monitoring plan, including compliance with any guidance provided by the VCS Board regarding deviations from the provisions of a registered plan and/or methodology/11/;
- The data and calculation of GHG emission reductions/04/ 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 is conducted using RINA procedures in line with the VCS Standard Version 4.4 and related rules and guidance available and applying standard auditing techniques. RINA has also reviewed the documents against the CDM VVS and PS for project activities version 3.0/05/

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.

1.3 Level of Assurance

In line with Guidelines for Application of materiality in verifications , and as per para 4.1.2 clause number 2 and para 4.1.8, clause number 1 and para 4.1.20 of VCS standard_v4.4 /05/; the project comes under the category of Projects: Less than or equal to 300,000 tonnes of CO2e per year and the threshold for materiality with respect to the aggregate of errors, omissions, and misrepresentations relative to the total reported GHG emission reductions and/or removals have been assessed and verified with a reasonable level of assurance is defined for the verification of the project by complete verification of all the values indicated in the emission reduction spreadsheet with source documents such as electricity generation records, invoices at the document review stage and during site visit. There are no material errors, omissions or misstatements.

The draft final verification report before being submitted to the client was subjected to an independent internal technical review to confirm that all verification activities had been completed according to the pertinent RINA instructions.

The technical review was performed by a technical reviewer(s) qualified in accordance with RINA's qualification scheme for VCS and CDM validation and verification. The verification team and the technical reviewers consist of the following personnel.

Role	Last Name	First Name	Country
Team Leader, Verifier & Technical Expert TA 1.2	Singh	Vinay	India
Observer	Pathak	Atin	India
Technical Reviewer	Carvalho	Thaís	Brazil

1.4 Summary Description of the Project

The project activity includes installation of wind power project of total capacity of 8.4 MW which includes 4 WTG of 2.1 MW capacity each. The project activity is located in the Jaisalmer district, Rajasthan state, India. The project activity supplying the generated electricity to unified Indian grid. The purpose of the project activity is to generate electrical energy through sustainable means using wind power resources. All the electricity supplied by the proposed project to the grid substitutes the equivalent electricity of the National grid, which is dominated by fossil-fuel fired power plants, to avoid GHG emissions.

The start date of operation of the project activity is 31-December-2010, which is the commissioning date of the WTGs of the project activity.

In current monitoring period from 01-September-2021 to 30-April-2023 (First and last date included) the project activity has supplied 1,895.896 MWh of electricity resulting in GHG emission reductions of 13,797 tCO₂e.

Location/geographical coordinates were also confirmed in Google Earth application/14/. The same has been verified against the registered VCS PD /02/ and commissioning certificate /18/.

The emission reductions from the project activity during the period 01-September-2021 to 30-April- 2023 (both days inclusive) amount to 13,797 tCO₂e.

2 VERIFICATION PROCESS

2.1 Method and Criteria

Verification was conducted using RINA procedures in line with the requirements specified in the VCS Requirements, i.e., VCS Program Guide, VCS Version 4.3 of 21-December-2022 and VCS Standard, VCS Version 4.4 of 21-Decemeber-2022/05/. The GHG emission reductions are on the basis of the approved baseline and monitoring methodology AMS -I. D “Grid connected renewable electricity generation”, Version 18/11/. The verification consisted of the following three phases,

- Document review;
- On-site audit including Interviews;
- Resolution of Any Material Discrepancy and the issuance of the final verification report and certification.

The following sections outline each step in more detail.

2.2 Document Review

The monitoring report, Version 01 dated 14-August-2023/01/ and version 02 dated 02-November-2023, the emission reduction calculations provided in the form of a spreadsheet/04/, were assessed as part of the verification. In addition, the VCS Project Description (VCS PD) /02/ in particular the baseline estimations and the validation reports/02/03/ for the project were reviewed.

The following table lists the documentation that was reviewed during the verification,

/01/	EKI Energy Services Limited,: VCS monitoring report for the project activity “Suzlon 8.40 MW Wind Power Project” for the current monitoring period, 01-September-2021 to 30-April-2023, Version 01 dated 14-August-2023 and Version 02 dated 02-November-2023.																								
/02/	<ul style="list-style-type: none"> - CDM Project Design Document (PDD) for project activity “Suzlon 8.40 MW Wind Power Project”, version 4.1, dated 12-October-2012. - CDM validation report of the project activity, «Suzlon 8.40 MW Wind Power Project”, version 03, dated 15-October-2012 https://cdm.unfccc.int/Projects/DB/LRQA%20Ltd1350651308.1/view																								
/03/	<ul style="list-style-type: none"> - VCS PD of the project activity, "Suzlon 8.40 MW Wind Power Project", version 2.0, dated 18-January-2014. - VCS joint PD-MR of the project activity, "Suzlon 8.40 MW Wind Power Project", version 3.0, dated 27-December-2021. - Joint Val-Ver report, verion 1.0 dated 28-December-2021 for the project, "Suzlon 8.40 MW Wind Power Project" for renewal of crediting period (under VCS) and issuance for the duration 19-October-2018 to 30-December-2020 (1st Crediting period) and 31-December -2020 to 31-August-2021 (2nd Crediting period) https://registry.verra.org/app/projectDetail/VCS/1203																								
/04/	Emission Reduction calculation sheets, for the project “Suzlon 8.40 MW Wind Power Project”, for the current monitoring period, 01-September-2021 to 30-April-2023 w.r.t the monitoring report, Version 01 dated 14-August-2023 and Version 02 dated 02-November-2023																								
/05/	<ul style="list-style-type: none"> - VCS: VCS Standard, Version 4.4 (v 4.4), Requirements Document of 21-December-2022 - VCS: VCS Program Guide, VCS Version 4.3 (v4.3), Requirements Document of 21-December-2022 - CDM project standard for project activities, Version 03.0, dated 09-September-2021 - CDM project cycle procedure for programmes of activities, Version 03.0, dated 09-September-2021 																								
/06/	<p>Calibration certificates of the energy meters with following details</p> <table border="1"> <thead> <tr> <th>S.I.No.</th> <th>Meter no.</th> <th>Calibration cert. Ref. No.</th> <th>Calibration date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>RJB90206</td> <td>DCPL/CAL/22-23/060</td> <td>21-January-2022</td> </tr> <tr> <td>2</td> <td>RJB90207</td> <td>DCPL/CAL/22-23/061</td> <td>21-January-2022</td> </tr> <tr> <td>3</td> <td>RJB90206</td> <td>DCPL/CAL/20-21/076</td> <td>23-January-2020</td> </tr> <tr> <td>4</td> <td>RJB90207</td> <td>DCPL/CAL/20-21/077</td> <td>23-January-2020</td> </tr> <tr> <td>5</td> <td>RJB81784</td> <td>DCPL/CAL/22-23/064</td> <td>21-January-2022</td> </tr> </tbody> </table>	S.I.No.	Meter no.	Calibration cert. Ref. No.	Calibration date	1	RJB90206	DCPL/CAL/22-23/060	21-January-2022	2	RJB90207	DCPL/CAL/22-23/061	21-January-2022	3	RJB90206	DCPL/CAL/20-21/076	23-January-2020	4	RJB90207	DCPL/CAL/20-21/077	23-January-2020	5	RJB81784	DCPL/CAL/22-23/064	21-January-2022
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5	RJB81784	DCPL/CAL/22-23/064	21-January-2022																						

	6	RJB81785	DCPL/CAL/22-23/065	21-January-2022	
	7	13195548	DCPL/CAL/20-21/078	23-January-2020	
	8	13195549	DCPL/CAL/20-21/079	23-January-2020	
/07/	Monthly Joint Meter Reading (JMR) certificate certified by Rajasthan Rajya Vidyut Prasaran Nigam Limited (RRVPL) for the entire monitoring period from 01-September-2021 to 30-April-2023				
/08/	Monthly invoices raised by the project participant against the monthly generation for the entire monitoring period from 01-September-2021 to 30-April-2023.				
/09/	Central Electricity Authority (CEA): CO ₂ Baseline Database for the Indian Power Sector User Guide, Version 16, March 2021				
/10/	Break down/shut down details of the project wind mills during the current monitoring period 01-September-2021 to 30-April-2023				
/11/	AMS –I.D “Grid connected renewable electricity generation”, Version 18, of 28-November-2014 https://cdm.unfccc.int/methodologies/DB/W3TINZ7KKWCK7L8WTXFQOQFQQH4SBK				
/12/	UNFCCC Guideline: Application of materiality in verifications, Version 02 of 20-February-2015				
/13/	Joint inspection report for meter replacement dated 25-January-2021				
/14/	Google Earth application				
/15/	Official REC registry of India. https://www.recregistryindia.nic.in/index.php/publics/registered_regens				
/16/	O&M Agreements for the project				
/17/	Declaration from the project proponent, Kishangarh Hitech Textile Park Ltd dated 22-June-2023 confirming not to claim credits for same GHG emission reduction under CDM or any other GHG schemes except VCS for the current monitoring period i.e., 01-September-2021 to 30-April-2023				
/18/	Commissioning certificate of the wind power project, ref no. SE(RDPPC)/XEN(C&R)/D.1618 dated 07-January-2011. (project was commissioned on 31-December-2010)				
/19/	Energy Purchase Agreement executed for sale of the power generated from the project 20-December-2010 with validity of 20 years from the date of commissioning of the project i.e. 31-December-2010				
/20/	Visitor cum Grievance register maintained at site.				

2.3 Interviews

Audit team has conducted the interview process during its onsite verification to the project site conducted on 18- October - 2023. The key personnel interviewed, and the main topics interviewed are summarized in the table below:

Sr. No.	Date	Name and Role	Organization	Topic
1	18-October-2023	Ratan Kumar, Site In charge	Suzlon	Project description evidence for proof of title, Monitoring Plan, ownership of GHG emission reductions, Project Start Date, Commercially Sensitive Information, Other Programs.
3	18-October-2023	Akshay Jain, Site Operation Engineer.	Suzlon	Monitoring plan & QA/QC procedures, Meter Reading
5	19-October-2023	Bibhushita Ghose, Manager - Operations (Climate change)	EKI Energy Services Ltd.	VCS documentation requirements, VER ownership etc. Monitoring plan & QA/QC procedures. Day to day monitoring O & M procedures calibration of energy meter, JMR records etc.
6	19-October-2023	Saroj Sahoo. GM -Operations (Climate change)	EKI Energy Services Ltd.	Overall aspects of the project

2.4 Site Visits

Audit team has conducted a site inspection by physical visit to the project site and discussed different topics as mentioned under section 2.3 of this report. The team has conducted the site visit on 18-October-2023. During the onsite verification the verification team was able to check the major equipment installed including turbines, generators as well as the monitoring equipment i.e., energy meters. The RINA team had also interviewed with the local stakeholders who were found to be happy with the overall development that has been occurred in their area due to implementation of the project.

2.5 Resolution of Findings

The objective of this phase of the verification is to resolve any outstanding issues which need to be clarified for RINA's positive conclusion on the project description. To guarantee transparency any findings raised regarding to the validation are incorporated in the Verification Protocol and Verification Protocol Tables in Appendix II to this report.

CAR (Corrective Action Request) is raised if one of the following occurs:

- Non-compliance with the monitoring plan, the methodology or the standardized baseline are found in monitoring and reporting and has not been sufficiently documented by the project participants, or if the evidence provided to prove conformity is insufficient;
- Modifications to the implementation, operation and monitoring of the registered project activity has not been sufficiently documented by the project participants;
- Mistakes have been made in applying assumptions, data or calculations of emission reductions that will impact the quantity of emission reductions;
- Issues identified in a FAR during validation to be verified during verification or previous verification(s) have not been resolved by the project participants.

Clarification request (CL) is raised if information is insufficient or not clear enough to determine whether the applicable VCS requirements have been met. All CARs and CLs raised by RINA during verification shall be resolved prior to submitting a request for issuance.

FAR (Forward Action Request) is raised during verification if the monitoring and reporting require attention and/or adjustment for the next verification period.

During the current verification, 00 Clarification request (CLs), 00 Forward Action Request (FAR) and 03 CAR (Corrective Action Request) were raised.

2.5.1 Forward Action Requests

There were no FARs raised for this project.

2.6 Eligibility for Validation Activities

Not applicable.

3 VALIDATION FINDINGS

3.1 Participation under Other GHG Programs

The project proponent, Kishangarh Hitech Textile Park Ltd has submitted a declaration/17/ that they shall not claim for GHG emission reduction credits for the given crediting period under any other emission-trading program. The PP has participated under the CDM mechanism of UNFCCC having ID 7804. PP declares that emission reduction generated from the project activity will not be double counted of other form of environmental credit like under CDM, for the particular crediting period, which is being claimed under VCS mechanism.

PP has submitted a declaration to the VVB that they shall not claim for GHG emission reduction credits for the given period under any other emission trading program/17/.

3.2 Methodology Deviations

The assessment team confirms that the project complies with the requirements in the applied monitoring methodology AMS-I.D version 18.0/11/. Hence, there is no any methodology deviation applicable for the project activity.

3.3 Project Description Deviations

There has not been any project description deviation applied during the current monitoring period.

3.4 Grouped Project

The verification teams confirms that the project is not a grouped project and hence this is not applicable to the project activity.

4 VERIFICATION FINDINGS

4.1 Project Implementation Status

All the physical components and the project boundaries are in conformity with the description of the registered CDM PDD/02/ and VCS PD /03/. During the verification it is confirmed that, the actual implementation of the project against the description of the registered CDM PDD/02/ and VCS PD /03/ and found that the project consists 4 numbers of Suzlon Limited make 2100 kW (2.1 MW) state-of art Wind Turbine Generators (WTG) aggregating to a total installed capacity of 8.4 MW.

During the audit, no changes have been observed or identified which may impact the additionality there was no change in the installed capacity, no addition of component nor extension of technology, no addition nor removal project sites, no change has been observed or identified that may impact the scale of this project activity or applicability of baseline and monitoring methodology. The monitoring of the project activity is found to be in accordance with the monitoring methodology described in the AMS -I.D. “Grid connected renewable electricity generation”, Version 18 of 28-November-2014 /11/. The monitoring mechanism is effective and reliable. During the audit, the personnel involved in the operation of the project activity have been interviewed to confirm, that the plant personnel are conscious of the importance of monitoring activities. The required monitoring systems have been installed and are operational. The meters comply with appropriate quality standards applicable for the used technology. The accuracy class of the meters installed for the project activity was verified against registered CDM PDD/02/ and VCS PD /02/, VCS MR /01/ and Calibration certificates /06/.

The description of MR /01/ is also consistent with the actual implementation confirmed as above. Therefore, RINA confirmed that there is no material discrepancy between the actual project information and the project description. The net electricity generation by the project from 01-September-2021 to 30-April-2023, is taken into consideration.

As per paragraph 3.16.1 of the project standard, 4.3, the project proponent shall demonstrate how the project activities, or additional activities implemented by the project proponent, contribute to sustainable development, as defined by and tracked against the United Nations Sustainable Development Goals (SDGs). The project proponent must demonstrate that a project contributes to at least three SDGs by the end of the first monitoring period, and in each subsequent monitoring period.

However, as mentioned in the appendix - 3: Document History, of the standard, “Required project proponents to demonstrate contributions to a minimum of three SDGs in all monitoring reports verified after the effective date. Effective immediately for all projects that request registration on or after 20 January 2023. Projects that request registration before 20 January 2023 shall demonstrate contributions to at least three SDGs by 20 January 2025.”

Since the project was registered before 20 January 2023, the requirement to contribute to at least three SDGs for the current monitoring period is not required.

4.1.1 No Net Harm

The verification team confirms that during the verification no potential negative environmental and socio-economic impacts have been identified. The operations of the wind power project do not result in direct air pollution, noise pollution and water pollution. Thus, there are no significant impacts due to implementation of this project activity on air, water and soil quality and ambience are envisaged due to the project activity. Hence, no mitigation measures are required.

4.1.2 Local Stakeholder Consultation

Before starting the VCS project activity, a stakeholder's consultation had been conducted in the project site. Feedbacks from the associated stakeholders are vital, therefore a dedicated Visitor Register cum Grievance Register/20/ has been placed at the project site and an email id is provided for the global stakeholders for their grievances. Local stakeholders are having a positive opinion about the project activity, the details of local stakeholders' consultation had been reported in the registered CDM PDD/02/. The main means of communications between the local people and the project owner is an open-door interaction mechanism. No complaints / negative comments have been received during the monitoring period. Apart from the GHG reduction, the project is contributing towards social, economic and environmental well-being of society. Local employment generation and rural development happened because of these renewable wind power projects. The local stake holders were interviewed at the time of site visit by the verification team; they were found to be happy and shared positive feedback about the project.

4.2 AFOLU-Specific Safeguards

It is not applicable for this project.

4.3 Accuracy of GHG Emission Reduction and Removal Calculations

The project activity has applied baseline methodology as mentioned in the methodology AMS I.D Version 18.0/11/. As per the paragraph 22 of the methodology: “Baseline emissions include only CO₂ emissions from electricity generation in power plants that are displaced due to the project activity. The methodology assumes that all project electricity generation above baseline levels would have been generated by existing grid-connected power plants and the addition of new grid-connected power plants”.

The baseline emissions are calculated as follows

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

Where,

BE_y = Baseline emissions in year y (tCO₂e)

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

$EF_{grid,CM,y}$ = *Combined margin CO₂ emission factor for grid connected power generation in year y calculated using the latest version of the “Tool to calculate the emission factor for an electricity system” (tCO₂e/MWh)*. The combined margin CO₂ emission factor has been considered by the PP from the registered joint PD-MR/03/ for the renewal of crediting period which was fixed ex-ante at the time of validation of the renewal of 2nd crediting period of the project. The value has been confirmed by the verification team to have been correctly used.

Project Activity is Greenfield project, Hence, $EG_{PJ,y} = EG_{PJ, facility,y}$

$EG_{PJ, facility,y}$ = Quantity of net electricity generation supplied by the project plant/unit to the grid in year y (MWh)

Quantification of Project emissions (PE_y)

In accordance with Methodology AMS –I.D version 18.0/11/, the proposed project activity is a wind power plant that does not use fossil fuels. Therefore, project emissions are considered zero.

$$PE_y = 0$$

Quantification of Leakage (LE_y)

In accordance with Methodology AMS –I.D version 18.0/11/, as the project activity does not involve the energy generating equipment transfer to or from another activity, leakage is not considered.

Hence, **LE_y = 0**

Emission reductions

In accordance with Methodology AMS –I.D version 18.0, emission reductions were calculated as follows:

$$ER_y = BE_y - PE_y - LE_y$$

Where,

ER_y = Emission reductions in year y (t CO_{2e})

BE_y = Baseline emissions in year y (t CO_{2e})

PE_y = Project emissions in year y (t CO_{2e})

LE_y = Leakage emissions in year y (t CO_{2e})

DATA/PARAMETER	EG _{PJ, facility, y}
Data Unit	MWh
Description	Quantity of net electricity supplied to the grid as a result of the implementation of the CDM project activity in year y
Source of data to be used	<p>Breakup of Net Export as per Monthly Generation Report and Joint Meter Reading authorized by RRVPNL.</p> <p>The quantity of net electricity supplied to the grid (i.e. Net Export in kWh) by the project activity is taken from the break-up sheet prepared by Suzlon India Limited on the basis of monthly Joint Meter Reading (JMR) certificate certified by Rajasthan Rajya Vidyut Prasaran Nigam Limited (RRVPNL).</p> <p>The monthly joint meter reading (JMRs) for the entire monitoring period/07/ are checked by the verification team and confirmed that the values are correctly applied for emission reduction by the project proponent.</p>
Value data for the monitoring period	14,763.835
Measuring frequency	Continuously monitoring and monthly recording.
Reporting frequency and recording procedure	The joint meter reading is taken on monthly basis at these metering point/s at particular feeders by the representatives of PP & State Utility, which records parameters like export, import. All these metering points are further connected to the common delivery point at the 220 kV level. The common metering point at 220 kV GSS concurrently records total electricity (total export and total import) received from all

	<p>connected metering points. The common metering point consists of both main & check meters. These energy meters are having accuracy class of 0.2s.</p> <p>The monthly JMR is taken by the representative of PP & State Utility.</p> <p>Billing of the energy is done based on the energy break up available at the metering at 220 kV level. The monitoring & measurement of electricity is done on continuous basis; while recording is done on monthly basis as Joint Meter Reading by the representatives of State Utility & PP</p>																												
Type of monitoring equipment	<p>The electricity generated by the project activity WTG/s is evacuated to the pooling station at 33 kV/220 kV level. The project activity WTG/s along with other WTGs, are connected to the feeder-wise metering point/s, where each metering point consists of both main & check meters. These energy meters are having accuracy class of 0.2s.</p> <p>The details of the energy meters used during the monitoring period are provided below.</p> <table border="1" data-bbox="643 785 1414 1310"> <thead> <tr> <th>S.I.No.</th> <th>Meter Sr. no.</th> <th>Make</th> <th>Calibration date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>RJB90206</td> <td>Secure</td> <td>21-January-2022, 23-January-2020</td> </tr> <tr> <td>2</td> <td>RJB90207</td> <td>Secure</td> <td>21-January-2022, 23-January-2020</td> </tr> <tr> <td>5</td> <td>RJB81784</td> <td>Secure</td> <td>21-January-2022</td> </tr> <tr> <td>6</td> <td>RJB81785</td> <td>Secure</td> <td>21-January-2022</td> </tr> <tr> <td>7</td> <td>13195548</td> <td>L&T</td> <td>23-January-2020 (replaced on 25-January-2021)</td> </tr> <tr> <td>8</td> <td>13195549</td> <td>Secure</td> <td>23-January-2020 (replaced on 25-January-2021)</td> </tr> </tbody> </table> <p>This is to be noted that the meters with sr. no. 13195548 and 13195549 were replaced with meters with sr. no, RJB81784 and RJB81785 respectively on 25-January-2021 for the purpose of TVM meter replacement with ABT meter as per the new requirement. The joint inspection report/13/ for the meter replacement provided by the project proponent is checked by the verification team and found to be appropriate.</p>	S.I.No.	Meter Sr. no.	Make	Calibration date	1	RJB90206	Secure	21-January-2022, 23-January-2020	2	RJB90207	Secure	21-January-2022, 23-January-2020	5	RJB81784	Secure	21-January-2022	6	RJB81785	Secure	21-January-2022	7	13195548	L&T	23-January-2020 (replaced on 25-January-2021)	8	13195549	Secure	23-January-2020 (replaced on 25-January-2021)
S.I.No.	Meter Sr. no.	Make	Calibration date																										
1	RJB90206	Secure	21-January-2022, 23-January-2020																										
2	RJB90207	Secure	21-January-2022, 23-January-2020																										
5	RJB81784	Secure	21-January-2022																										
6	RJB81785	Secure	21-January-2022																										
7	13195548	L&T	23-January-2020 (replaced on 25-January-2021)																										
8	13195549	Secure	23-January-2020 (replaced on 25-January-2021)																										
Is accuracy of the monitoring equipment as stated in the PDD?	Electronic tri vector is used and an accuracy class 0.2s. The same is confirmed by the verification team and checking the calibration certificates/06/.																												
Calibration frequency/interval	As per the registered VCS joint PD-MR/03/, the meters were to be calibrated at least once in three years. The calibration certificates/06/ are verified and found to be appropriate by verification team. There has not been found to be any delay in calibration of the energy meters in the																												

	current monitoring period.
Is the calibration interval in line with the monitoring plan of the PDD?	As per the monitoring report in the registered VCS joint PD-MR /03/, the meters were to be calibrated at least once in three years.
How were the values in the monitoring report verified and cross-checked?	As per the registered VCS Joint PD-MR/03/, the electricity export should be cross checked with the sales invoices. PP has submitted the sales invoices for the monitoring period /08/. The verification team has verified the document and found that the value mentioned in the document is matching with the values used for the calculation.
Does the data management (from monitoring equipment to emission reduction calculation) ensure correct transfer of data and reporting of emission reductions?	The audit of the project activity confirms that the necessary QA/QC procedures are in place and the data management system is effective and reliable.
If only partial data are available because activity levels or non-activity parameters have not been monitored in accordance with the registered monitoring plan, has the most conservative assumption theoretically possible been applied or has a request for deviation been approved?	Not applicable

DATA/PARAMETER	EG _{Export, Project,y}
Data Unit	MWh
Description	Quantity of electricity exported to the grid as a result of the implementation of the CDM project activity in year y
Source of data to be used	<p>Breakup of Net Export as per Monthly Generation Report and Joint Meter Reading authorized by RRVPNL.</p> <p>The quantity of electricity exported to the grid (i.e. Net Export in kWh) by the project activity is taken from the break-up sheet prepared by Suzlon India Limited on the basis of monthly Joint Meter Reading (JMR) certificate certified by Rajasthan Rajya Vidyut Prasaran Nigam Limited (RRVPNL).</p> <p>The monthly joint meter reading (JMRs) for the entire monitoring period/07/ are checked by the verification team and confirmed that</p>

	the values are correctly applied for emission reduction by the project proponent.
Value data for the monitoring period	14,915.312
Measuring frequency	Continuously monitoring and monthly recording.
Reporting frequency and recording procedure	Please refer the assessment provided for the above parameter, EG _{PJ, facility, y}
Type of monitoring equipment	Please refer the assessment provided for the above parameter, EG _{PJ, facility, y}
Is accuracy of the monitoring equipment as stated in the PDD?	Electronic tri vector is used and an accuracy class 0.2s. The same is confirmed by the verification team and checking the calibration certificates/06/.
Calibration frequency/interval	As per the registered VCS joint PD-MR/03/, the meters were to be calibrated at least once in three years. The calibration certificates/06/ are verified and found to be appropriate by verification team. There has not been found to be any delay in calibration of the energy meters in the current monitoring period.
Is the calibration interval in line with the monitoring plan of the PDD?	As per the monitoring report in the registered VCS joint PD-MR /03/, the meters were to be calibrated at least once in three years.
How were the values in the monitoring report verified and cross-checked?	As per the registered VCS Joint PD-MR/03/, the electricity export should be cross checked with the sales invoices. PP has submitted the sales invoices for the monitoring period /08/. The verification team has verified the document and found that the value mentioned in the document is matching with the values used for the calculation.
Does the data management (from monitoring equipment to emission reduction calculation) ensure correct transfer of data and reporting of emission reductions?	The audit of the project activity confirms that the necessary QA/QC procedures are in place and the data management system is effective and reliable.
If only partial data are available because activity levels or non-activity parameters have not been monitored in	Not applicable

accordance with the registered monitoring plan, has the most conservative assumption theoretically possible been applied or has a request for deviation been approved?	
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DATA/PARAMETER	EG _{Import, Project,y}
Data Unit	MWh
Description	Quantity of electricity imported to the grid as a result of the implementation of the CDM project activity in year y
Source of data to be used	<p>Breakup of Net Export as per Monthly Generation Report and Joint Meter Reading authorized by RRVPNL.</p> <p>The quantity of net electricity supplied to the grid (i.e. Net Export in kWh) by the project activity is taken from the break-up sheet prepared by Suzlon India Limited on the basis of monthly Joint Meter Reading (JMR) certificate certified by Rajasthan Rajya Vidyut Prasaran Nigam Limited (RRVPNL).</p> <p>The monthly joint meter reading (JMRs) for the entire monitoring period/07/ are checked by the verification team and confirmed that the values are correctly applied for emission reduction by the project proponent.</p>
Value data for the monitoring period	151.477
Measuring frequency	Continuously monitoring and monthly recording.
Reporting frequency and recording procedure	Please refer the assessment provided for the above parameter, EG _{PJ, facility,y}
Type of monitoring equipment	Please refer the assessment provided for the above parameter, EG _{PJ, facility,y}
Is accuracy of the monitoring equipment as stated in the PDD?	Electronic tri vector is used and an accuracy class 0.2s. The same is confirmed by the verification team and checking the calibration certificates/06/.
Calibration frequency/interval	As per the registered VCS joint PD-MR/03/, the meters were to be calibrated at least once in three years. The calibration certificates/06/ are verified and found to be appropriate by verification team. There has not been found to be any delay in calibration of the energy meters in the current monitoring period.

Is the calibration interval in line with the monitoring plan of the PDD?	As per the monitoring report in the registered VCS joint PD-MR /03/, the meters were to be calibrated at least once in three years.
How were the values in the monitoring report verified and cross-checked?	As per the registered VCS Joint PD-MR/03/, the electricity export should be cross checked with the sales invoices. PP has submitted the sales invoices for the monitoring period /08/. The verification team has verified the document and found that the value mentioned in the document is matching with the values used for the calculation.
Does the data management (from monitoring equipment to emission reduction calculation) ensure correct transfer of data and reporting of emission reductions?	The audit of the project activity confirms that the necessary QA/QC procedures are in place and the data management system is effective and reliable.
If only partial data are available because activity levels or non-activity parameters have not been monitored in accordance with the registered monitoring plan, has the most conservative assumption theoretically possible been applied or has a request for deviation been approved?	Not applicable

DATA/PARAMETER	EG _{controller,y}
Data Unit	MWh
Description	Electricity generated by installed WTG of PP connected to particular feeder.
Source of data to be used	Record of metering available at Central Monitoring Station for the project activity
Value data for the monitoring period	15,241.873
Measuring frequency	Continuously monitoring and monthly recording.
Reporting frequency and recording procedure	Each WTG in Wind Farm is equipped with controller meter located inside the WTG. The controller meter provides daily generation report from each WTGs. The controller meter located in each WTG is a microprocessor based intelligent controller which controls entire turbine operation and record energy generation with basic signal of CT and PT .The controller meter does not require calibration as it is self-calibration type. Further, controller will stop the turbine if it detects any error in measurement therefore avoids the uncertainty in the

	generation data.
Type of monitoring equipment	The monitoring of all these wind turbines is performed from a common monitoring station as a part of central monitoring system. The system consists of a state-of-the-art monitoring station connected via optic cables to individual WTG. CMS managed by well trained staff personnel. The personal are always present on site to monitor various parameters of power generation and deal with any problems related to generation, transmission or maintenance.
Is accuracy of the monitoring equipment as stated in the PDD?	Not applicable
Calibration frequency/interval	Not applicable
Is the calibration interval in line with the monitoring plan of the PDD?	Not applicable
How were the values in the monitoring report verified and cross-checked?	As per the registered VCS Joint PD-MR/03/, the electricity export should be cross checked with the sales invoices. PP has submitted the sales invoices for the monitoring period /08/. The verification team has verified the document and found that the value mentioned in the document is consistent with the values used for the calculation. This is to be noted that the values of this parameters are not directly used for emission reduction calculation.
Does the data management (from monitoring equipment to emission reduction calculation) ensure correct transfer of data and reporting of emission reductions?	The audit of the project activity confirms that the necessary QA/QC procedures are in place and the data management system is effective and reliable.
If only partial data are available because activity levels or non-activity parameters have not been monitored in accordance with the registered monitoring plan, has the most conservative assumption theoretically possible been applied or has a request for deviation been approved?	Not applicable

Emission Reductions Achieved:

The emission reduction calculations reported in the VCS Monitoring Report /01/ and Emission Reduction Calculation Spreadsheet /04/ have been verified and are in line with the registered joint VCS PD-MR/03/. The emission reductions by the project activity for the monitoring period from 01-September-2021 to 30-April-2023 are equivalent to 13,797 tons of CO_{2e}. as reported in the VCS monitoring report /01/. The data presented in the VCS MR /01/ and in the ER calculation worksheet /04/ was assessed by reviewing the project details and documents, the monitoring data collected, observation of established monitoring and reporting practices and assessment of the reliability of monitoring equipment. Sufficient evidence was presented and verified by RINA for the reported emission reduction as listed above.

RINA also compared the actual emission reductions with the estimated emission reduction in the ER calculation sheet /04/ as follows:

The estimated emission reductions for the corresponding number of monitoring period (days) are equivalent to 21,431 tCO_{2e} considering the annual value mentioned in the registered joint VCS PD-MR/03/, however during the monitoring period from 01-September-2021 to 30-April-2023 the actual emission reductions achieved are 13,797 tCO_{2e}. Thus, the reported average emission reductions are lower than the estimated average emission reductions.

Hence, RINA confirmed that the actual emission reductions reported during the monitoring period are less than the corresponding estimated emission reductions in the ER calculations sheet /04/ and hence, acceptable.

4.4 Quality of Evidence to Determine GHG Emission Reductions and Removals

Quantity of net electricity generation supplied by the project plant/unit to the grid is measured with the help of main and check tri-vector energy meters with an accuracy class of 0.2s installed at the project site. Joint meter reading is undertaken by O&M team and State utility officials every month. The designated officials of the company and Rajasthan Rajya Vidyut Prasaran Nigam Limited (RRVPNL). Invoices are raised by PP based on these certificates and accordingly payment is done by state electricity department. Emission reduction is calculated based on the readings taken from the main meter. Monthly joint meter readings of the main meter and check meter at the interconnection point has been taken by the designated officials of the company and RRVPNL. The joint meter readings have been recorded and signed by the authorized representative of both the parties on each of the above instances.

CO2 emission factor considered for the emission reduction calculation is 0.9346 tCO₂/MWh which was fixed ex-ante as per the registered joint VCS PD-MR/03/. The verification team has confirmed that the value has been correctly applied., The baseline emission is calculated as 13,797 tCO₂e. There is no project emission and leakage emission as per the registered joint VCS PD-MR as well as the applied methodology, AMS ID, ver.18/11/.

Thus, the emission reduction is calculated to be 13,797 tCO₂ e for this monitoring period /04/. Therefore, the verification team has confirmed that the quantity of emission reduction reported and claimed in the monitoring report is correct which are supported by the evidence with appropriate quality as per the registered project description of the project.

4.5 Non-Permanence Risk Analysis

It is not applicable for this project.

5 VERIFICATION OPINION

RINA Service S.p.A (RINA) has performed verification of the emission reductions reported for the project activity “Suzlon 8.40 MW Wind Power Project” in India, VCS Registration Reference No. 1203, for the period 01-September-2021 to 30-April-2023, with regard to the relevant requirements for VCS and CDM rules. The project participant ‘Kishangarh Hi-tech Textile Park Ltd’ of the project “Suzlon 8.40 MW Wind Power Project” is responsible for:

- The preparation of greenhouses gas emissions data and the reported greenhouse gas emission reductions from the project on the basis set out in the monitoring plan contained in the registered CDM PDD/02/ and VCS joint PD-MR/03/.
- The development and maintenance of records and reporting procedures in accordance with that plan, including the calculation and determination of greenhouse gas emission reductions of the project.

It is the responsibility of RINA to express an independent verification opinion about the project’s conformity with the VCS requirements and procedures and on the reported greenhouse gas emission reductions from the project. Based on documented evidence and corroborated by an on-site assessment RINA can confirm that.

- The project has been implemented and operated as per the registered CDM PDD/02/ and registered VCS joint PD-MR/03/;
- The monitoring plan in the registered Joint VCS PD-MR/03/ is as per the applied baseline and monitoring methodology/11/.
- The monitoring report/01/ and other supporting documents provided are complete and verifiable and in accordance with the applicable VCS and CDM requirements;

It is RINA’s opinion that the GHG emission reduction stated in the VCS monitoring report version 02 dated of 02-November-2023/01/ the “Suzlon 8.40 MW Wind Power Project” in India for the period 01-September-2021 to 30-April-2023 are fairly stated. The GHG emission reductions were calculated correctly on the basis of the baseline and monitoring methodology AMS –I. D “Grid connected renewable electricity generation”, Version 18/11/.

Hence, RINA is able to certify that the emission reductions from the project during the monitoring period 01-September-2021 to 30-April-2023 amount to 13,797 tCO₂e.

Reporting period: From 01-September-2021 to 30-April-2023

Verified GHG emission reductions or removals in the above reporting period:

Year	Baseline emissions or removals (tCO ₂ e)	Project emissions or removals (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions or removals (tCO ₂ e)
2021 (01-September-2021 – 31-December-2021)	1,771	0	0	1,771
2022 (01-January-2022 – 31-December-2022)	10,000	0	0	10,000
2023 (01-January-2023 – 30-April-2023)	2,026	0	0	2,026
Total	13,797	0	0	13,797

The actual emission reductions achieved is 13,797 tCO₂e which is 35.62% lower than estimated value calculated based on the annual emission reduction as per the registered VCS joint PD-MR/03/. The summary of the emission reduction comparison is provided as below.

Year	Ex-ante emissions reductions/removals	Achieved emissions reductions/removals	Percent difference	Justification for the difference
2021 (01-September-2021 – 31-December-2021)	4307	1771	-58.88%	The decrease in emission reduction is due to low generation/PLF realized during the period. Being a wind project, the electricity generation is nature dependent and out of control of PP.
2022(01-January-2022 – 31-	12887	10000	-22.40%	The decrease in emission reduction is due to low generation/PLF realized during the period. Being a wind project, the electricity generation is

December-2022)				nature dependent and out of control of PP.
2023(01-January-2023 - 30-April-2023)	4236	2026	-52.17%	The decrease in emission reduction is due to low generation/PLF realized during the period. Being a wind project, the electricity generation is nature dependent and out of control of PP.
Total	21430	13797	-35.62%	The decrease in emission reduction is due to low generation/PLF realized during the period. Being a wind project, the electricity generation is nature dependent and out of control of PP.

APPENDIX I: ABBREVIATIONS

Abbreviations	Full texts
BE	Baseline Emissions
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CER(s)	Certified Emission Reduction(s)
CL	Clarification Request
CO ₂	Carbon dioxide
CO ₂ e	Carbon dioxide equivalent
DOE	Designated Operational Entity
EB	Executive Board
EF	Emission Factor
ER	Emission Reductions
FAR	Forward Action Request
IPCC	Intergovernmental Panel for Climate Change
GHG(s)	Greenhouse gas(es)
MR	Monitoring Report
PD	Project Description
PE	Project Emission
CEA	Central Electricity Authority
PP(s)	Project Participant(s)
RRVPL	Rajasthan Rajya Vidyut Prasaran Nigam Limited
Ref.	Document Reference
RINA	RINA Services S.p.A.
TA(s)	Technical Area(s)
UNFCCC	United Nations Framework Convention on Climate Change
VCS	Verified Carbon Standard
VCU	Verified Carbon Unit
VER	Voluntary Emission Reductions
VVS	Validation and Verification Standard
VCS	Verified Carbon Standards
VVB	Validation/ Verification Bodies
PS	Project System
ERPA	Emission Reduction Payment Agreements
EG	Electricity Generation
NEWNE	North East Wes North-East

APPENDIX II: RESOLUTION OF CORRECTIVE ACTION REQUEST AND CLARIFICATION REQUESTS

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

FAR ID	Xx	Section no.	xx	Date : DD/MM/YYYY
Description of FAR				
<i>No remaining FAR to be addressed.</i>				
Project participant response				Date: DD/MM/YYYY
NA				
Documentation provided by project participant				
DOE assessment				Date: DD/MM/YYYY

Table 2. CL from this verification

CL ID	xx	Section no.	xx	Date : DD/MM/YYYY
Description of CL				
Project participant response				Date: DD/MM/YYYY
Documentation provided by project participant				
DOE assessment				Date: DD/MM/YYYY

Table 3. CAR from this verification

CAR ID	01	Section no.	4.1.2	Date : 01-November-2023
Description of CL				
The supportive for ongoing local stake holder consultation is required to be submitted to the verification team				
Project participant response				Date: 02-November-2023
A Grievance Register has been placed on site where the local stakeholders can put down their complaint and the same if found genuine are addressed immediately. However, during the current monitoring period, no comments or feedback was received.				
Documentation provided by project participant				
Grievance Register				
DOE assessment				Date: 02/November/2023
The grievance register/20/ maintained at the project site submitted by the project proponent has been verified and found to be appropriate. There is no comment found to be registered in the current monitoring period. CAR is closed.				

CARL ID	02	Section no.	4.1	Date: 01-November-2023
Description of CAR				
The breakdown details of the wind turbines are missing section 3.1 of the monitoring report.				
Project participant response				Date: 02-November-2023
There is no major breakdown happened in current Monitoring Period. The same has been mentioned in section 3.1 of Monitoring Report.				
Documentation provided by project participant				
Revised Monitoring Report				

DOE assessment	Date: 02-November-2023
<p>The breakdown details are found to be appropriately in the revised monitoring report submitted by the project proponent.</p> <p>CAR is closed.</p>	

CARL ID	03	Section no.	4.2	Date: 01-November-2023
Description of CAR				
<p>The calibration status of is not clear as the dates of calibration provided in appendix -I of the monitoring report do not cover the entire monitoring period for some of the energy meters. Further, while comparing the energy meter details in the previous monitoring report, the details of the energy meters are found not to be consistent.</p>				
Project participant response				Date: 02-November-2023
<p>Meter and calibration details have been corrected in Appendix I of revised Monitoring Report. A meter replacement happened in previous monitoring period. The same has been mentioned in revised Monitoring Report.</p>				
Documentation provided by project participant				
<p>Calibration Certificate, Meter Replacement Certificate, Revised Monitoring Report.</p>				
DOE assessment				Date: 02-November-2023
<p>The calibration status of the energy meters is found to be incorporated appropriately in the revised monitoring report. This is to be noted that the meters with sr. no. 13195548 and 13195549 were replaced with meters with sr. no, RJB81784 and RJB81785 respectively on 25-January-2021 for the purpose of TVM meter replacement with ABT meter as per the new requirement. The joint inspection report/13/ for the meter replacement provided by the project proponent is checked by the verification team and found to be appropriate.</p> <p>CAR is closed.</p>				



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:

Thais De Lima Carvalho

è qualificato come:
 is qualified as:

TEC, VAL, VER, TL, 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
2.1	Electricity distribution	2
13.1	Solid waste and wastewater	13

REVISIONE REVISION	DATA DATE	MOTIVAZIONI PER LA REVISIONE REASON FOR THE REVISION
0	19/07/2018	First issue with new template (this certificate is linked to CDM qualification)

Responsabile di schema
 Scheme Leader
 Rita Valoroso



*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/recognized da
 RINA Services S.p.A. is accredited/recognized by

UNFCCC	quali 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



**CERTIFICATO DI QUALIFICA
QUALIFICATION CERTIFICATE**

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

Vinay SINGH

è qualificato come¹:
is qualified as:

TEC – VAL – VER – TL – REG-EXP³

nello schema²:
for the scheme:

CDM – VCS – SCS – JI – CCB – UER – ISO14064-2

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

1.1 – 1.2 – 3.1⁽⁷⁾ – 4.1 – 13.1 – 13.2 – 14.1

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
4.1	Cement and lime production	4
13.1	Solid waste and wastewater	13
13.2	Manure	13
14.1	Forestry	14

in accordo alle istruzioni dell'Unità responsabile (OU) per sostenibilità & cambiamenti climatici.
in accordance with the instructions of the responsible unit (OU) for the sustainability & climate change.

REVISIONE REVISION	DATA DATE	MOTIVAZIONI PER LA REVISIONE REASON FOR THE REVISION
0	04/05/2020	First Issue
2	11/03/2022	Updated form
3	23/09/2022	Update TA 1.1, TA 4.1, TA 13.1, TA 13.2
4	12/01/2023	Update TA 3.1 (*) for voluntary schemes only
5	01/06/2023	ITR withdrawal

Scheme Manager
Scheme Manager

¹
VAL: Validator
VER: Verifier
TEC: Technical Expert
TL: Team Leader
FIN-EXP: Financial Expert
REG-EXP: Regional Expert
ITR: Independent Reviewer
DET: Déterminer

²
CDM: Clean Development Mechanism
VCS: Verified Carbon Standard
GS4GG: Gold Standard for Global Goals
SCS: Social/Carbon Standard
JI: Joint Implementation
ISO14064-2: International standard 14064 part 2
UER: Upstream Emission Reduction
CCB: The Climate, Community & Biodiversity Alliance

³ India, Kenya, Uganda, Sri Lanka, Thailande, Mauritius.

RINA Services S.p.A. è accreditata da UNFCCC, quale Entità Operativa Designata (DOE), per condurre la Validazione e la Verifica di Progetti CDM, da VCSA per condurre la Validazione e la Verifica di Progetti VCS, da GS Foundation, per condurre la Validazione e la Verifica di Progetti GS, da Ecologica Institute per condurre la Validazione e la Verifica di rapporti SCS.

RINA Services S.p.A. is accredited by the UNFCCC, as Designated Operational Entity (DOE), to carry out Validation and Verification of CDM Projects, by the VCSA, to carry out Validation and Verification of VCS Projects, by the GS Foundation, to carry out Validation and Verification of GS4GG Projects and by the Ecologica Institute, to carry out Validation and Verification of SCS Reports.