GOLD STANDARD VERIFICATION/CERTIFICATION REPORT

Final

"Kayaduzu Wind Power Plant, Turkey"
in
Turkey

Monitoring period: 01/07/2012 to 30/04/2014

Report N°2014-TQ-19-MD

Revision N°1.1 Aa

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Project Title:	Country:	Estimated VERs (tCO2e):
Kayaduzu Wind Power Plant, Turkey	Turkey	122,394
GS Registration Reference N°:	**Monitoring period:**	**Certified VERs (tCO2e):**
950	01/07/2012 to 30/04/2014	134,305
Client:	**Client contact:**	
Merzifon Enerji A.S.	Mustafa YUCEL	
Report No.:	**Revision:**	**Date of this report:**
2014-TQ-19-MD	1.1 Aa	22/05/2014
Approved by (Final Report – Authorized officer signing for the DOE):		**Date of approval:**
Laura Severino		22/05/2014

Methodology

Number:	Version:	Title:	Scale	SS(s):
ACM0002	12.0.0 of 17/09/2010	Consolidated baseline methodology for grid-connected electricity from renewable sources	Large	1

RINA Services S.p.A. (RINA), commissioned by Merzifon Enerji A.S., has verified the greenhouse gas emission reductions reported for the project activity "Kayaduzu Wind Power Plant, Turkey" in Turkey, GS Registration Reference N° 950, for the period 01/07 /2012 to 30/04/2014, with regard to the relevant requirements for GS activities. The verification shall ensure that reported emission reductions are complete and accurate in accordance with applicable GS VER requirements, which refer to CDM rules, in order to be certified.

The project was validated by Bureau Veritas (validation report N°TURKEY- /CER.1911.10.C45/2010, version 05 of 10/05/2013) and it was registered on 11/12/2012 under the GS registration reference N°950.

The GHG emission reductions were calculated on the basis of the approved methodology ACM0002, version 12.0, "Consolidated baseline methodology for grid-connected electricity from renewable sources" of 17/09/2010 and the monitoring plan included in the registered Project Design Document, version 11 of 16/04/2013.

In conclusion, it is RINA's opinion that the project activity "Kayaduzu Wind Power Plant, Turkey", in "Turkey, as described in the Monitoring Report version 5 of 21/05/2014, meets all relevant requirements for GS and CDM activities and all relevant host Party criteria and correctly applies the baseline and monitoring methodology "ACM0002", "Consolidated baseline methodology for grid-connected electricity from renewable sources", version 12.0.0 of 17/09/2010. Hence, RINA is able to certify that the emission reductions from the project during the monitoring period 01/07/2012 to 30/04/2014 amount to 134,305 tCO_{2e}.

Baseline Emissions	134,305	tCO_{2e}
Project Emissions	0	tCO_{2e}
Leakage	0	tCO_{2e}
Net GHG emission reductions/removal	134,305	tCO_{2e}

Work carried out by:	
Tugce KIRATLI	☒ No distribution without permission from the Client or organizational unit responsible ☐ Strictly confidential ☐ Unrestricted distribution

Work verified by (Final Report)	Keywords:
Rita Valoroso	Climate Change, Kyoto Protocol, Verification, Gold Standard

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Abbreviations

BE	Baseline Emissions
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CDM M&P	Modalities and Procedures CDM
CDM-PCP	Clean Development Mechanism Project Cycle Procedure
CDM-PS	Clean Development Mechanism Project Standard
CDM-VVS	Clean Development Mechanism Validation and Verification Standard
CER(s)	Certified Emission Reduction (s)
CH_4	Methane
CR	Clarification Request
CO_2	Carbon dioxide
CO_2e	Carbon dioxide equivalent
DNA	Designated National Authority
DOE	Designated Operational Entity
EB	Executive Board
ER	Emission Reductions
GHG(s)	Greenhouse gas(es)
GS	Gold Standard
GWP	Global Warming Potential
IPCC	Intergovernmental Panel on Climate Change
LSC	Large scale
MoV	Means of Verification
MP	Monitoring Plan
MR	Monitoring Report
NGO	Non-governmental Organization
ODA	Official Development Assistance
PDD	Project Design Document
PE	Project Emission
PMUM	Market Financial Conciliation Center (Piyasa Mali Uzlastirma Merkezi)
PP(s)	Project Participant(s)
Ref.	Document Reference
RINA	RINA Services Spa
SDI	Sustainable Development Indicator
SS(s)	Sectoral Scope(s)
SSC	Small Scale
TEIAS	Turkish Electricity Transmission Company (Turkiye Elektrik Iletim A.S.)
UNFCCC	United Nations Framework Convention on Climate Change
VERs	Verified Emission Reduction(s)

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1 INTRODUCTION

Merzifon Enerji A.S. has commissioned RINA to carry out the verification and certification of emission reductions reported for the registered “Kayaduzu Wind Power Plant, Turkey” project in Turkey, GS Registration Reference N°950, for the period 01/07 /2012 to 30/04/2014.

This report summarizes the findings of the verification of the project, performed on the basis of GS VER requirements, which refer to CDM rules, as well as criteria given to provide for consistent project operations, monitoring and reporting.

1.1 Objective

The objective of the verification is to have an independent review ex post determination by a Designated Operational Entity (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 and to monitor the impact of project activity on sustainable development, throughout the monitoring of the non-neutral Sustainable Development Indicators and moreover to monitor all the mitigation and compensation measures put in place. Certification is the written assurance by the DOE that, during a specific time period, a proposed GS project activity achieved the reductions in anthropogenic emissions by sources of GHGs as verified and that all the defined Sustainable Development Indicators to be monitored have been monitored according to the sustainability monitoring plan and that all the mitigation measures forecast have been correctly and effectively implemented.

The objective of this verification/certification was to verify and certify emission reductions and effective implementation of the monitoring of sustainable development indicators and mitigation measures, reported for the “Kayaduzu Wind Power Plant, Turkey” project in Turkey for the period 01/07/2012 to 30/04/2014.

1.2 Scope

The verification scope is:

- to verify that actual monitoring systems and procedures are in compliance with the monitoring systems and procedures described in the monitoring plan;
- to evaluate the GHG emission reduction data and express a conclusion with a reasonable level of assurance about whether the reported GHG emission reduction data is free from material misstatement;
- to verify that reported GHG emission data is sufficiently supported by evidence;
- to evaluate whether all the mitigation measures have been effectively put in place according to the monitoring plan and that all the sustainable development indicators have been correctly monitored.

Verification shall ensure that reported emission reductions are complete and accurate in accordance with applicable GS VER requirements which refer to CDM rules, in order to be certified.

UNFCCC criteria for CDM refer to Article 12 of the Kyoto Protocol, the CDM modalities and procedures, and the subsequent decisions by the CDM Executive Board.

The GS criteria refer to GS requirements, GS Toolkit and supporting annexes.

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.

2 METHODOLOGY

Verification was conducted using RINA procedures in line with the requirements specified in the GS Requirements, CDM M&P, the latest version of the CDM Validation and Verification Standard, and relevant decisions of the COP/MOP and the CDM EB and applying standard auditing techniques.

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The verification consisted of the following three phases:

- Desk review;
- On-site assessment:
- The resolution of outstanding issues and the issuance of the final verification report and certification.

The following sections outline each step in more detail.

2.1 Desk Review

The monitoring report version 5 of 21/05/2014 /3/, the emission reduction calculations provided in the form of a spreadsheet "ER-Calculation_Kayaduzu_2014-05-08.xls" version 4.0 of 08/05/2014 /9/, the approved baseline and monitoring methodology ACM0002 version 12.0 of 17/09/2010 /7/ and all the documentation provided to support the monitoring period /1 – 39/ were assessed as part of the verification. In addition, the Project Design Document (PDD) /1/, in particular as regards the baseline estimations and the monitoring plan, the Passport of 18/06/2013 /2/ and the validation report revision 05 of 10/05/2013 /8/ for the project, were reviewed.

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

/1/	FutureCamp: GS-PDD for "Kayaduzu Wind Power Plant, Turkey" in Turkey, version 11 of 16/04/2013
/2/	FutureCamp: GS-Passport for "Kayaduzu Wind Power Plant, Turkey" in Turkey of 18/06/2013
/3/	FutureCamp: Monitoring Report for "Kayaduzu Wind Power Plant, Turkey" in Turkey, version 5 of 21/05/2014 FutureCamp: Monitoring Report for "Kayaduzu Wind Power Plant, Turkey" in Turkey, version 4 of 08/05/2014 FutureCamp: Monitoring Report for "Kayaduzu Wind Power Plant, Turkey" in Turkey, version 3 of 07/05/2014 FutureCamp: Monitoring Report for "Kayaduzu Wind Power Plant, Turkey" in Turkey, version 2 of 06/05/2014 FutureCamp: Monitoring Report for "Kayaduzu Wind Power Plant, Turkey" in Turkey, version 1 of 02/04/2014
/4/	Gold Standard Foundation: Gold Standard Requirements, version 2.1 of 01/07/2009
/5/	Gold Standard Foundation: Gold Standard Toolkit, version 2.1 of 01/07/2009
/6/	CDM Executive Board: Clean Development Mechanism Validation and Verification Standard, version 05.0 of 04/10/2013
/7/	CDM Executive Board: Baseline and monitoring methodology "ACM0002", "Consolidated baseline methodology for grid-connected electricity from renewable sources", version 12.0.0 of 17/09/2010
/8/	Bureau Veritas: Validation Report for "Kayaduzu Wind Power Plant, Turkey" No. TURKEY-/CER.1911.10.C45/2010, revision 05 of 10/05/2013
/9/	FutureCamp: Emission Reduction Calculation Spreadsheet " ER-Calculation_Kayaduzu_2014-05-08.xls" version 4.0 of 08/05/2014 FutureCamp: Emission Reduction Calculation Spreadsheet " ER-Calculation_Kayaduzu_2014-05-07.xls" version 3.0 of 07/05/2014 FutureCamp: Emission Reduction Calculation Spreadsheet " ER-Calculation_Kayaduzu_2014-05-06.xls" version 2.0 of 06/05/2014 FutureCamp: Emission Reduction Calculation Spreadsheet "ER-Calculation_Kayaduzu_2014-04-02.xls" version 1.0 of 02/04/2014
/10/	CDM Executive Board: Guideline for Completing the Monitoring Report Form, version 04.0 of 04/10/2013

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/11/	CDM Executive Board: Methodological Tool "Tool to calculate the emission factor for an electricity system", version 02.0.0 of 16/10/2009
/12/	CDM Executive Board: Methodological Tool " Tool for the demonstration and assessment of additionality", version 05.2.0 of 26/08/2008
/13/	CDM Executive Board: Monitoring Report Form (F-CDM-MR), version 03.2 of 05/11/2013
/14/	TEIAS: First Index Protocol of the Electricity Meters with a serial no 422418 and 422419 of 28/11/2011
/15/	Kayaduzu Municipality: Letter Relating to the Collection of Solid Waste Regularly of 14/08/2013
/16/	Letter of Mukhtar Realiting to Dust and Noise Emission and Road Condition of 21/03/2014
/17/	Picture of the Main and Backup Meters, submitted on 02/04/2014
/18/	DETAM Ltd. Sti.: Certificates of Health and Safety Training of 22/05/2013 (8 employees)
/19/	Yanki Egitim ve Danismanlik Hizmetleri, Attendance List for Log Out-Tag Out Training of 20/12/2012 (10 employees)
/20/	Triowind: Theoretical and Practical Safety Instruction Certificate of 20/02/2014 (1 employee)
/21/	Yanki Egitim ve Danismanlik Hizmetleri: Log Out-Tag Out Certification of 20/12/2012 (1 employee)
/22/	Attendance List for Health and Safety Training of 22/05/2013 (11 employees)
/23/	BEST: Attendance List for Maneuvering and Maintenance Instructions of Power Transformers and Principle of Operation of the Voltage Regulator of 13/04/2012 (12 empoyees)
/24/	Residance Certificates of All Employees, submitted on 14/04/2014 (15 empoyees)
/25/	Social Insurance Institution: Registration Document for the Employees, submitted on 14/04/2014
/26/	Market Financial Conciliation Center (PMUM): Monthly Electricity Records within the Monitoring Period (from 01/07/2012 to 30/04/2014)
/27/	Turkish Electricity Transmission Company (TEIAS): Monthly Meter Readings within the Monitoring Period (from 01/07/2012 to 30/04/2014)
/28/	Energy Market Regulatory Authority: Communiqué for Measurement Devices used in the Electricity Market of 22/03/2003
/29/	The Ministry of Trade and Industry: Regulation of Metering and Testing of Metering Systems of 24/07/1994
/30/	Energy Market Regulatory Authority: Generation License numbered EU/1904-57/1365 of 25/12/2008
/31/	The Ministry of Energy and Natural Resources: Temporary Acceptance Protocol of 16/03/2012 (for 3 turbines) The Ministry of Energy and Natural Resources: Temporary Acceptance Protocol of 15/06/2012 (for 10 turbines) The Ministry of Energy and Natural Resources: Temporary Acceptance Protocol of 13/07/2012 (for 3 Turbines)
/32/	Firat Vidanjor: Invoices of Sewage Truck, No: 65286 of 02/08/2012
/33/	The Gold Standard Foundation: Kayaduzu Wind Power Plant, Turkey (GS 950) 8-week Issuance Review Period Document of 19/07/2013
/34/	Photos of the Turbines, submitted on 14/04/2014
/35/	Energy Market Regulatory Board: The Correspondance Related with the Forest Permissions of 15/06/2012
/36/	Website: http://www.csgb.gov.tr/csgbPortal/cgm.portal?page=asgari Argument: The minimum Wage of Turkey (846 TL) Language: Turkish, Retrieved on: 21/04/2014
/37/	Yapi Kredi Bank: EFT Receipt ships for Road Renovation of 14/09/2012

	Yapi Kredi Bank: EFT Receipt ships for Road Renovation of 20/11/2012
/38/	Baktepe Enerji A.S. and Amasya Special Provincial Administration: Agreement for Repairing of the Road Damage of 17/05/2012
/39/	Merzifon Enerji A.S.: Registration Payroll Sheets of the Employees working in Akdeniz Security, submitted on 07/05/2014

2.2 On-site assessment

On 14/04/2014, RINA visited Merzifon Town of Amasya Province in Turkey. During the on-site assessment of the project, RINA assessed the implementation and operation of the proposed project activity, reviewed the information flows for generating, aggregating and reporting the monitoring parameters, 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, checked the monitoring equipment including calibration performance, reviewed calculations and assumptions made in determining the GHG data and emission reductions, 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, checked the correct and effective implementation of the mitigation measures foreseen in the sustainability monitoring plan, to prevent violation or the risk of violating a safeguarding principle of the “Do No Harm” Assessment or to “neutralize” a Sustainable Development Indicator.

The project area was visited on 14/04/2014. The project employee were interviewed about the implementation status of the project, monitoring equipment and operation, generated electricity, monitoring of gold standard parameters, wastewater disposal, local employment and Health and Safety Trainings of the project activity.

In addition, the stakeholders, the muhktar and the Mayor of the Municipality were visited in two villages, Kayaduzu and Cavundur Village. They are interviewed about expropriation, road conditions, local employment and death birds. They confirm that Regional Directorate of Forestry is the land owner of the project area and there is no expropriation. They also confirmed that the project activity provides job opportunities for both villages during construction and no negative feedback was received about death birds.

Also, the mukhtar of Cavundur explained during on site visit that their village’s roads were not used during construction. In addition, Kayaduzu Village was also visited to interview with the stakeholders. According to the interviews, the stakeholders claimed that although PP has promised, the village roads were not repaired. However, as per the agreement signed between PP and Amasya Special Provincial Administration /38/, the main responsible is Administration and PP had to pay an amount for this. According to the invoice, it could be confirmed that PP had paid the amount.
The key personnel interviewed and the main topics of the interviews are summarized in the table below.

	Date	Name and Role	Organization	Topic
/a/	14/04/2014	Ramazan ASLAN Carbon Consultant	FutureCamp	Implementation status of the project
/b/	14/04/2014	Mustafa YUCEL Health&Safety Expert	EKSIM	Monitoring equipments and operation Generated Electricity
/c/	14/04/2014	Abdulhadi CIFTCI Electrical Engineer	EKSIM	Monitoring of Gold Standard Parameters
/d/	14/04/2014	Omur GUVEN Electrical and Electronics Engineers	EKSIM	Wastewater Disposal Local Employment Health and Safety Trainings
/e/	14/04/2014	Kenan KOC Mukhtar	Cavundur Village	Road Condition Local Employment

/f/	14/04/2014	Murat Bayram DEMIRCI Mukhtar Delegation	Cavundur Village	Dust and Noise Emission Death Birds
/g/	14/04/2014	Mehmet AKYOL Villager	Kayaduzu Village	Road Condition Local Employment Dust and Noise Emission Death Birds
/h/	14/04/2014	Ramazan YILMAZ Villager	Kayaduzu Village	
/i/	14/04/2014	Bahtiyar CIN Mayor of the Municipality	Kayaduzu Municipality	

2.3 Resolution of outstanding issues

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 monitoring report and emission reductions.

To guarantee transparency a verification protocol has been customized for the project. The protocol shows in a transparent manner the requirements, means of verification and the results from verifying the identified criteria. The verification protocol consists of three tables; the different columns in these tables are described in the figure below (see Figure 1).The completed verification protocol is enclosed in Appendix A to this report.

A corrective action request (CAR) is raised if one of the following occurs:

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

A clarification request (CR) is raised if information is insufficient or not clear enough to determine whether the applicable GS VER requirements, which refer to CDM rules, have been met.

CARs, CRs identified are included in the verification protocol in Appendix A of this report.

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Figure 1 Gold Standard Verification protocol tables

Verification Protocol, Table 1 - Requirement checklist				
Checklist Question	**Ref.**	**MoV**	**Comments**	**Conclusion**
Checklist questions organized in five different sections.	Makes reference to documents where the answer to the checklist question or item is found.	Explain how conformance with the checklist question is investigated. Examples are document review (DR), interview or any other follow-up actions (I), cross checking (CC) with available information relating to projects, (N/A) means not applicable.	The discussion on how the conclusion is arrived at and the conclusion on the compliance with checklist question so far.	For CAR and CR see the definitions above. OK is used if the information and evidence provided is adequate to demonstrate compliance with GS VER/CDC requirements which refer to CDM rules.

Verification Protocol, Table 2: Resolution of Corrective Action Requests and Clarification			
Corrective action requests and/or clarification requests	**Reference to Table 1**	**Response by project participants**	**Verification Conclusion**
The CAR and/or CRs raised in table 1 are repeated here.	Reference to the checklist question number in Table 1 where the CAR or CR is explained.	The responses given by the project participants to address the CARs and/or CRs.	The verification team's assessment and final conclusion of the CARs and/or CRs.

Verification Protocol, Table 3 - Forward Action Requests		
Forward action request	**Reference to Table 1**	**Response by project participants** **Verification Conclusion**
The FAR raised in table 1 is repeated here.	Reference to the checklist question number in Table 1 where the FAR is explained.	Response by the project participants on how forward action request will be addressed.

2.4 Internal quality control

All the revisions of the verification report, before being submitted to the client, were 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 CDM/GS validation and verification.

2.5 Verification team and the technical reviewer(s)

The verification team and the technical reviewers consist of the following personnel:

Role/Qualification	Last Name	First Name	Type of involvement*					
			DR	SV	REP	TE	TR	TER
Team Leader	Kiratli	Tugce	X	X	X	X	-	-
GS Verifier	Kiratli	Tugce	X	X	X	X	-	-
Technical Expert (TA 1.2)	Kiratli	Tugce	X	X	X	X	-	-
Technical Reviewer	Valoroso	Rita					X	X

*DR: Document Review; SV: Site Visit/Interview; REP: Reporting; TE: Technical Expert in Technical Area; TR: Technical Review; TER: Technical Expert in Technical Area for Technical Review.

3 VERIFICATION FINDINGS

The findings of the verification related to the monitoring period from 01/07/2012 to 30/04/2014 as documented and described in the monitoring report version 5 of 21/05/2014 and previous versions /3/ are stated in the following sections.

The verification requirements, the means of verification and the results from verifying the identified criteria are documented in more detail in the verification protocol in Appendix A.

3.1 Description of the project activity

The main information of the project is summarized in the table below.

Project Participant(s)	Merzifon Enerji A.S.		
Project Title	Kayaduzu Wind Power Plant, Turkey		
Location of the project	Merzifon Town, Amasya Province, Turkey		
Methodology(ies)	ACM0002, "Consolidated baseline methodology for grid-connected electricity from renewable sources", version 12.0 of 17/09/2010 /7/		
Sectoral Scope(s)	1	**RINA's Technical Area(s)**	1.2
Registered PDD	Revision 11 of 16/04/2013		
Date of registration	11/12/2012	**GS Registration Reference N°**	950

Starting date of the crediting period	01/07/2012
Project's crediting period	01/07/2012 to 30/06/2019
Monitoring period	01/07/2012 to 30/04/2014
Project documentation link	http://mer.markit.com/br-reg/public/index.jsp?q=kayaduzu&s=cp

The project activity is a wind power plant consists of 15 Nordex N100/2500 wind turbines each capacities are 2.5 MWm/2.5 MWe and 1 Nordex N100/2500 wind turbine with a total capacity of 2.5 MWm/1.5 MWe making the total installed capacity of 39 MWe as confirmed through the Generation License /30/. The generated electricity is fed to the national grid. The estimated net electricity production is 111,670 MWh and the annual emission reductions are estimated to be 66,777 tCO_2e per year.

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.

3.2 Remaining issues (FARs) from previous validation or verification

Based on the review of the validation report /8/ and the Gold Standard Foundation /33/, 3 FARs were raised during the validation. All FARs have been closed successfully.

FAR#1: First meter reading document (to be signed when the plant begins to generate electricity) of TEIAS should be seen as a proof of first calibration.

The first index protocol given by TEIAS on 28/11/2011 for the ELSTER A1500 electricity meters with a serial no 422418 and 422419 /14/ has been provided to the Verification team. It could be confirmed that the electricity meters were calibrated before installation.

Hence, this FAR was closed.

FAR#2: Expropriation process has started for grazing areas. The status of this process should be followed in first verification.

During on site visit the stakeholders, the muhktar and the Mayor of the Municipality were visited about expropriation in two villages, Kayaduzu and Cavundur Village. They confirm that Regional Directorate of Forestry is the land owner of the project area. Also, it could be confirmed through the letter written by Energy Market Regulatory Board /35/.

Hence, this FAR was closed.

FAR#3: According to item 23 of the regulation, license can be revised before commissioning. This FAR is raised to see the revised license during first verification.

The revised generation licensed for 16 turbines with a total capacity of 40 MWm/39MWe (15x2.5 MW + 1x1.5 MW) is provided to Verification Team /30/. It is in line with the current situation.

Hence, this FAR was closed.

3.3 Monitoring Report

The Monitoring Report for the project activity "Kayaduzu Wind Power Plant, Turkey", in "Turkey", version 5 of 21/05/2014 and previous versions submitted by the Merzifon Enerji A.S. has been the basis for the verification process.

The main changes between the MR version 1 of 02/04/2014 at the starting date of the verification activity and the MR version 5 of 21/05/2014 submitted for registration are the following:

Section of the MR	Description and reason for changing the information in that section
First Page	Sectoral scope number is added. The actual emission reduction of this monitoring period was revised as per adding the last 2 months.
A.1. Purpose and general description of project activity	The transmission line of the project activity is corrected as per the generation license /30/.
A.5. Crediting period of project activity	The date of the crediting period was revised as 01/07/2012 to 30/06/2019.
B.2. Post Registration Changes	The two post registiration changes about the monthly meter reading protocols and the starting date of the crediting period is expalined.
D.2. Data and parameters monitored	The name, unit, description value and source of data is revised for the parameter of $EG_{facility,y}$ as per the methodology.
E.4. – E.5. – E.7.	The necessary corrections were made after adding the last 2 months to the calculation excel sheet.
F.1. Sustainable Development Indicators that have to be monitored	The recalculations were made for the sustainable monitoring parameters since the value of generated electricity is changed. The explanation about road conditions is revised as per the invoice and the agreement.

RINA confirms that the above MR is based on the currently valid MR template /13/ and is completed in accordance with the applicable guidance document /10/.

3.4 Project implementation

Actual implementation of the registered project activity

It was verified during the site visit 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 01/07/2012. All turbines have been commissioned in three phases. The first commissioning phase covers 3 turbines which were commissioned on 16/03/2012, the second commissioning phase covers 10 turbines which were commissioned on 15/06/2012 and the third commissioning phase covers 3 turbines which were commissioned on 13/07/2012 as confirmed through the Temporary Acceptance Protocol /31/.

The project activity consists of 16 Nordex N100/2500 wind turbines each capacities are 2.5 MWm (15x2.5MWm/2.5MWe + 1x2.5MWm/1.5MWe) making the total installed capacity of 39 MWe as confirmed through the Generation License /30/. It is confirmed during the site visit that all the installed turbines are Nordex N100/2500 wind turbines. The project boundary in the registered PDD /1/ is in line with the actual project boundary. The generated electricity is supplied to the National Electricity Transmission Grid of Turkey via Ladikcim-Merzifon 154 kV Transmission Line as confirmed through the generation license /30/ and PDD /1/.

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/.

Post registration changes

Starting date of the crediting period is revised as 01/07/2012 as per the temporary acceptance protocol /31/. In the first commissioning only 3 three turbines are implemented; therefore the date of the first commissioning does not show the current situation of the generated electricity. Therefore, PP chose a date after the second commissioning. In addition, the PMUM records are available monthly for the project participant. So the first date of the month is chosen as a starting date of the crediting period.

The data reading system of TEIAS has changed to an online remote data reading system, OSOS. With the new system, power consumption and generation data of the Project are collected by TEIAS electronically, without any intervention by the Project owner.

3.5 Methodology for determining Emission Reductions.

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:

$ERy = BEy – PEy – Ly$

Where:

BEy = Baseline emissions in year y (tCO_2e/yr)

PEy = Project emissions in year y (tCO_2e/yr)

Ly = Leakage emissions in year y (tCO_2e/yr)

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.

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

Where:

$EG_{PJ,y}$ = Net electricity supplied to the grid (MWh)

$EF_{grid,CM,y}$ = Combined margin grid emission factor (tCO_2/MWh)

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/. 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.

3.5.1 Compliance of the monitoring plan with the monitoring methodology and applicable methodological tools

The registered project activity applies the approved baseline and monitoring methodology ACM0002 version 12.0.0 /7/. RINA confirms that the monitoring plan in the registered PDD /1/ complies with the applied CDM methodology and the sustainability indicators established by the Appendix D of the Gold Standard requirements /4/.

3.5.2 Deviation in GHG emission reduction

Additionality assessment has been performed according to the "Tool for the demonstration and assessment of additionality" approved by UNFCCC in the registered PDD /1/. The baseline scenario selection and the calculation of emission reductions have been carried out in a conservative manner. An approved CDM methodology, ACM0002 version 12.0 has been applied in order to determine the baseline scenario and calculate emission reductions.

3.5.3 Compliance of monitoring with monitoring plan

The monitoring plan presented in the monitoring report version 5 of 21/05/2014 and the previous versions for the period of 01/07/2012 to 30/04/2014 (both days included) /3/ complies with the monitoring plan in 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 ($EG_{facility,y}$)" as per the registered monitoring plan presented in the registered PDD /1/. The parameter is monitored continuously by two electricity meters that are located at the project area. Two electricity meters are installed at the project site, one is the main meter (ELSTER A1500 with

serial number 422418) and the other one is the backup meter (ELSTER A1500 with serial number 422419). The accuracy of the meters is 0.5s as confirmed through the first index protocol /14/, performed by TEIAS. The accuracy class of the meters complies with the "Communiqué for Measurement Devices used in the Electricity Market" /28/. The electricity meters are sealed by TEIAS as confirmed during the site visit. TEAIS is responsible for calibration and maintenance of the devices. 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. The meters were calibrated on 28/11/2011 by TEIAS /14/. 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 /29/. At the last day of each month, the electricity generation supplied to the grid and electricity consumption from the grid is read remotely from the electricity meters through Automatic Meter Reading System by the TEIAS personnel. Also the PMUM records are available for the project participant. All protocols /26/ /27/ within this monitoring period was checked during the site visit. The PMUM records /26/ are crosschecked with the monthly official electricity metering reports (OSF Forms) /27/ during this monitoring period. The Monthly Meter Reading Protocols, PMUM records and emission reduction calculation spreads sheet /9/ are in line. During the monitoring period of 01/07/2012 to 30/04/2014 (both days included) the net electricity supplied to the grid amount to 224,592.829 MWh and the emission reductions to 134,305 tCO2e.

According to the monitoring plan in the registered PDD /1/ and in the monitoring report version 5 of 21/05/2014 /3/, the following sustainability parameters are monitored: "Air Quality", "Water Quality and Quantity", "Soil Condition", "Other Pollutants", "Biodiversity", "Quality of Employment", "Quantitative Employment and Income Generation", "Balance of Payment and Investment".

The following parameters have been monitored in accordance with the monitoring plan in the registered PDD /1/ and the monitoring report /3/.

3.5.3.1 Data and parameters fixed ex-ante or at renewal crediting period

DATA/PARAMETER	Source of data	Reported value for the project period	Assessment/Observation
Combined Margin Emission Factor	TEIAS statistics	0.5980 tCO_2/MWh	As per the approved methodology ACM0002 version 12.0.0, the combined emission factor has been determined 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 0.5980 tCO_2/MWh in the registered PDD /1/ and validation report /8/.
Leakage	TEIAS statistics	0 tCO_2	As per the approved methodology ACM0002 version 12.0.0, the leakage emissions were neglected.
Project Emissions	TEIAS statistics	0 tCO_2	As per the approved methodology ACM0002 version 12.0.0, the project emissions were neglected.

3.5.3.2 Sampling plan

Not applicable.

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3.5.3.3 Data and parameters monitored ex-post

DATA/PARAMETER	$EG_{facility,y}$
Data Unit	MWh/yr
Description	Quantity of net electricity generation supplied by the project plant to the grid in year y
Source of data to be used	PMUM (Market Financial Settlement Center) records and Monthly Meter Reading Records of main meters are cross-checked
Value data for the monitoring period	224,592.829
Measuring and reporting frequency; recording procedure.	Continuously monitoring and monthly recording
Type of monitoring equipment and its accuracy	Two electricity meters are installed at the project site, one is the main meter (ELSTER A1500 with serial number 422418) and the other one is the backup meter (ELSTER A1500 with serial number 422419). The accuracy of the meters is 0.5s as confirmed through the first index protocol /14/, performed by TEIAS.
Calibration frequency/interval	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 28/11/2011 by TEIAS /14/. 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 /29/. During on-site assessment, it was confirmed that the meters are in place and functions well. During the monitoring period, no brake down has been recorded.
How were the values in the monitoring report verified and cross-checked?	The net electricity supplied to the grid has been crosschecked with the PMUM Screenshots /26/.
Does the data management (from monitoring equipment to emission reduction calculation) ensure correct transfer of data and reporting of emission reductions?	At the last day of each month, the electricity generation supplied to the grid and electricity consumption from the grid is read remotely from the electricity meters by Automatic Meter Reading System by the TEIAS personnel. Also the PMUM records are available for the project participant. All protocols /26/ /27/ within this monitoring period was checked during the site visit. The PMUM records /26/ are crosschecked with the monthly official electricity metering reports (OSF Forms) /27/ during this monitoring period. The plant personnel records the electricity generation from the meters every day and the responsible engineer checks the figures regularly. In the case of difference between the data, TEIAS will be informed. The electricity generation supplied to the grid and

	electricity consumption from the grid is stored by PMUM on the web site. The Project owner has an ID and password to access this data on the web site. The project owner can easily access the data by using this portal.
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?	All the data were available for the whole monitoring period.

3.5.3.4 Gold Standard sustainability monitored parameters

Data variable	Source of Data	Reported value for the project period
Air Quality • Amount of CO, NMVOC • Level of dust emissions during construction of the project activity	• Electricity Generation and Calculation • Interviewing with stakeholders • Letter of the Mukhtar	• 32.1 tons SO_2 • 8.1 tons NO_x • No dust pollution
Assessment		
The sulphur oxide and nitrogen oxide parameters are monitored in every monitoring period by measurement of net electricity generation and multiplication with the baseline ex-ante SO_2, NO_x intensity of the Turkish grid. The value for this monitoring period is 32.1 tons SO_2 and 8.1 tons NO_x. The dust emission is monitored with the interviewing villagers and letter of mukhtar /16/. According to the interviews, it was confirmed that during the construction, the level of the dust emission was not affected too much to the village.		

Data variable	Source of Data	Reported value for the project period
Water Quality and Quantity Wastewater gathered in the cesspool	Waste Disposal Invoices	The wastewater is transported by sewage trucks
Assessment		
The parameter is monitored annually until completion of the construction phase by checking the sewage truck invoice /32/. It is confirmed that the waste water is stored in a septic tank on site and disposed of periodically with vacuum.		

Data variable	Source of Data	Reported value for the project period
Soil Condition Road Condition	• Agreement • Interviews with the stakeholder • Invoices	PP has the duty with paying all the amount that Amasya Special Provincial Administration was determined.
Assessment		
The parameter is monitored annually until completion of the construction phase by checking the roads during on site visit. As per the interviews with the stakeholders living in Kayaduzu, they claimed that although PP has promised, the village roads were not repaired. Thereupon, PP showed their agreement signed with the Special Provincial Administration and the payment receipts. As per the agreement signed between PP and Amasya Special Provincial Administration /38/, the main responsible is Administration and PP had to pay an amount for this. According to the invoice /37/, it could be confirmed that PP had paid the amount.		

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Data variable	Source of Data	Reported value for the project period
Other Pollutants • Noise • Solid waste Disposal	• Letter of Mukhtar • Letter of Municipality	• Solid wastes are disposed periodically by municipality. • No noise emission was occurred
Assessment		
Solid Waste Disposal: The parameter is monitored annually until completion of the construction phase by the letter of Municipality /15/. As per the letter, solid wastes are collected regularly by the municipality. *Noise:* The parameter is monitored annually until completion of the construction phase by the letter of mukhtar /16/. According to the letter, no noise emission was occurred during construction. The level of noise does not disturb them, it is under limits.		

Data variable	Source of Data	Reported value for the project period
Biodiversity Number of bird strikes	• Observation • Interview with stakeholders • Picture of the turbines	No bird deaths was observed
Assessment		
Number of bird strikes: The parameter is monitored once during the first verification by observation of measures on site visit. During on site visit, no dead birds were encountered. The stakeholders were interviewed about biodiversity and no negative feedback was received. In addition, the turbines were painted with an inverted colour and red flash lights were mounted on top of the turbines as confirmed through the pictures of the turbines /34/.		

Data variable	Source of Data	Reported value for the project period
Quality of Employment Health&Safety Trainings	Certificates and attendance lists of the trainings	Employees participated to the trainings.
Assessment		
Health&Safety Trainings: The parameter is monitored annually by checking the certificates and attendance lists of the trainings. All the trainings /18-23/ during this monitoring period were provided to the verification team. All the employees attend to the health and safety trainings.		

Data variable	Source of Data	Reported value for the project period
Quantitative Employment and Income Generation	• Residence Certificates • Registration Document	16 employees are hired and 6 of them are local.
Assessment		
Number of local employment with more than minimal wage: This parameter is monitored annually by the Registration Document and receipts of employees. It was confirmed that 16 employees are hired by the project (11 of them are working for Merzifon Enerji and 5 of them are working for Akdeniz Security) and 6 employees' originates are from the same province as confirmed through the Residence Certificates /24/ and Registration Document /25/. In addition, their wage was investigated during on site visit and it is confirmed that all the employee's salaries are more than minimum wage which is 846 TL in Turkey /36/.		

Data variable	Source of Data	Reported value for the project period
Balance of Payments and Investment	Electricity Generation and Calculation	4.183 million €

Assessment
This parameter is monitored annually by the multiplying avoided natural gas consumption by average international natural gas price. The value for this monitoring period is 4.183 € as given in the monitoring report.

3.5.4 Assessment of data and calculation of emission reductions

All the monthly meter protocols /27/ are available for the project participant. All PMUM records /26/ within this monitoring period was checked during the site visit. The PMUM records /26/ were crosschecked with the monthly meter reading protocols /27/.

The data of generated electricity are transferred correctly to the excel sheet /9/ and emission reduction is calculated correctly. The excel sheet is crosschecked with the PMUM records /26/ and the monthly meter reading protocols /27/ and it seems appropriate.

3.5.5 Accuracy of emission reduction calculations

The emission reduction calculations provided in the spreadsheet /9/ have been verified to be correct and in line with the registered PDD /1/.

The emission reductions from the project for the monitoring period as reported in the monitoring report version 5 of 21/05/2014 /3/ is equivalent to 134,305 tCO2e. The reported emission reductions are 9.7% higher than the estimated emission reduction of 122,394 tCO2e for the period as per the registered PDD /1/. According to the statement made by the project owner, it is much more windy weather history last year.

The data presented in the monitoring report /3/ were assessed by reviewing in detail project documentation, collection of monitored data, 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 reductions as listed in the above Section 3.5.3.3.

3.5.6 Accuracy of the GS indicators of sustainable development

All the documented evidences related to the sustainable monitored parameters such as the letter of mukhtar /16/, sewage truck invoice /32/, agreement signed between PP and Amasya Special Provincial Administration /38/, invoice of payment /37/, letter of Municipality /15/, pictures of the turbines /34/, trainings /18-23/, Residence Certificates /24/, Registration Document /25/, web-link of minimum wage /36/ are provided as objective evidences.

3.5.7 Management system and quality control

The electricity generation supplied to the grid and electricity consumption from the grid is read from the electricity meters through Monthly Meter Reading Protocols by the TEIAS personnel. The monthly meter reading protocols are prepared as per these readings. The plant personnel records the electricity generation from the meters every day and the responsible engineer checks the figures regularly. In case of difference between the data, TEIAS will be informed. The generated electricity is measured by two meters that were sealed by TEIAS. The project owner has no control on the meters.

The electricity generation supplied to the grid and electricity consumption from the grid is stored by PMUM on the web site. The Project owner has an ID and password to access this data on the web site. The project owner can easily access the data by using this portal. The project owner also archives a hardcopy of these protocols, scanned and stored electronically.

The collected data during the monitoring period will be kept by the project owner at least two years after the last issuance of VERs as stated in the registered PDD /1/ and monitoring report /3/ in line with the ACM0002 version 12.0 /7/.

4 VERIFICATION AND CERTIFICATION OPINION

RINA Services Spa (RINA) has performed verification of the emission reductions reported for the project activity "Kayaduzu Wind Power Plant, Turkey" in Turkey, GS Registration Reference N°950, for the period 01/07/2012 to 30/04/2014, with regard to the relevant requirements for GS activities.

The project participants of the "Kayaduzu Wind Power Plant, Turkey" project are responsible for:

- the preparation of greenhouse 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 Project Design Document version 11 of 16/04/2013
- 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 requirements of paragraph 62 of the CDM modalities and procedures, GS requirements 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 PDD;
- the monitoring report and other supporting documents provided are complete and verifiable and in accordance with the applicable CDM and GS VER requirements;
- monitoring is in place as per the applied baseline and monitoring methodology;
- monitoring complies with the monitoring plan in the registered PDD;
- the monitoring plan in the registered PDD is as per the applied baseline and monitoring methodology.

It is RINA's opinion that the GHG emission reductions stated in the monitoring report version 5 of 21/05/2014 for the "Kayaduzu Wind Power Plant, Turkey" project in Turkey for the period 01/07/2012 to 30/04/2014 are fairly stated. The GHG emission reductions were calculated correctly, the sustainability development indicators were correctly monitored, on the basis of the approved monitoring methodology "ACM0002", "Consolidated baseline methodology for grid-connected electricity from renewable sources", version 12.0.0 of 17/09/2010 and the monitoring plan contained in the registered PDD.

Hence, RINA is able to certify that the emission reductions from the project during the monitoring period 01/07/2012 to 30/04/2014 amount to 134,305 tCO_2e.

Year 2012 01/07/2012 to 31/12/2012 37,857 tCO2e

Year 2013 01/01/2013 to 31/12/2013 77,422 tCO2e

Year 2013 01/01/2014 to 30/04/2014 19,026 tCO2e

GHG Emission Reductions or Removals	**tCO_2e**
Baseline Emissions	134,305
Project Emissions	0
Leakage	0
Net GHG emission reductions or removals	**134,305**

Istanbul, 22/05/2014

Tugce KIRATLI
GS Team Leader
RINA Denizcilik ve Belgelendirme Ltd. Sti.

Genova, 22/05/2014

Laura Severino
Authorized officer signing for the DOE
RINA Services S.p.A.

APPENDIX A

GOLD STANDARD VERIFICATION PROTOCOL

TABLE 1 REQUIREMENTS CHECKLIST

Checklist Question		Reference	MoV[1]	Comments	Conclusion
A	**Description of Project Activity**				
A.1	Title of the project activity, revision number and date of Monitoring Report	/1/ /3/ /8/ /33/	DR	The title of the project activity is given as "Kayaduzu Wind Power Plant, Turkey" in the Monitoring Report version 1 /3/. The title is in line with the registered PDD /1/ and validation report /8/. The revision number and date of the Monitoring Report seems appropriate. The registration date of the project activity is 11/12/2012 as confirmed through the GS 8-week Issuance Review Period Document of 19/07/2013 /33/. However, the number of the sectoral scope is not given in the first page of the monitoring report. Please add. The Monitoring report form (F-CDM-MR) is in line with the latest version.	~~**CR 1**~~ **OK**
A.2	Is the actual implementation and operation of the proposed project activity in accordance with the project activity in the registered PDD?	/1/ /3/ /30/ /31/ /33/ /35/	DR, CC, I	It is confirmed during the site visit performed on 14/04/2014 that project activity is implemented and operated as per the registered PDD /1/. The starting date of operation and crediting period is 01/07/2012. All turbines have been commissioned in three phases. The first commissioning phase covers 3 turbines which were commissioned on 16/03/2012, the second commissioning phase covers 10 turbines which were commissioned on 15/06/2012 and the third commissioning phase covers 3 turbines which were commissioned on 13/07/2012 as confirmed through the Temporary Acceptance Protocol /31/. The project activity consists of 16 Nordex N100/2500 wind turbines each capacities are 2.5 MWm (15x2.5MWm/2.5MWe + 1x2.5MWm/1.5MWe) making the total installed capacity of 39 MWe as confirmed	~~**CAR 1**~~ **OK**

[1] MoV: DR document review, I interview, CC cross checking

Checklist Question	Reference	MoV[1]	Comments	Conclusion
			through the Generation License /30/. It is stated in the registered PDD /1/ and monitoring report that the generated electricity is supplied to the National Electricity Transmission Grid of Turkey via the 33kVA busbar of the Kayaduzu Transformer Station by a 2x477 MCM, 33 kVA and 1 km power transmission line. However, as per the generation license and the interviews with the PP, it is confirmed that generated electricity is supplied via 154 kV Ladikcim-Merzifon transmission line. Please correct and explain in section B.2.2 of the MR. The UTM coordinates of the turbines are confirmed through the registered PDD /1/ and the generation license /30/. The estimated emission reduction given in the cover page and Section E.5 of Monitoring Report version 1.0 /3/ is in line with the registered PDD /1/. However, the actual emission reduction is not correct since the last 2 months are not added to the calculation. Please revise all the monitoring report as per the new emission reduction and also send the supporting documents to the verification team. In section A.1 of the monitoring report, it is stated that operational lifetime is 20 years. However, it is not in line with the generation license. Please make the necessary correction as “technical lifetime” or change the value of the year as per the generation license. The net electricity generation is defined as GENy in page 7; however, it is not in line with the registered PDD. Please correct. Footnote 5 and 6 does not work. Please correct. The crediting period is defined as 01/07/2012 to 30/06/2018 which means totally 6 years instead of 7 years. Please correct. As per the Gold Standard Foundation /33/, Expropriation process has started for grazing areas. The status of this	

Checklist Question		Reference	MoV[1]	Comments	Conclusion
				process should be followed in first verification. During on site visit the stakeholders, the muhktar and the Mayor of the Municipality were visited about expropriation in two villages, Kayaduzu and Cavundur Village. They confirm that Regional Directorate of Forestry is the land owner of the project area. Also, it could be confirmed through the letter written by Energy Market Regulatory Board /35/. As per the Gold Standard Foundation /33/, According to item 23 of the regulation, license can be revised before commissioning. This FAR is raised to see the revised license during first verification. The revised generation licensed for 16 turbines with a total capacity of 40 MWm/39MWe (15x2.5 MW + 1x1.5 MW) is provided to Verification Team /30/. It is in line with the current situation.	
A.3	Methodology applied for the registered project activity	/1/ /7/	DR	The registered project activity applies the approved baseline and monitoring methodology ACM0002 version 12.0.0 of 17/09/2010 /7/.	**OK**
B	**Monitoring**				
B.1	**Monitoring plan**				
B.1.1	Does the monitoring plan included in the registered GS project activity comply with the applied methodology?	/1 /7/	DR, CC	The monitoring plan of the registered GS project activity complies with the applied methodology ACM0002 version 12.0 /7/.	**OK**
B.1.2	Does the monitoring comply with the monitoring plan in the registered PDD?	/1/ /2/ /7/	DR, CC	Quantity of net electricity generation supplied by the project plant to the grid in year y ($EG_{facility,y}$) needs to be monitored as per the ACM0002 version 12.0.0 /7/ and registered PDD /1/. In addition, since the project is developed under Gold standard, the following GS sustainable development parameters needs to be monitored for the second monitoring period as per the registered GS Passport /2/: “Air Quality”, “Water Quality and Quantity”, “Soil Condition”, “Other Pollutants”, “Biodiversity”, “Quality of Employment”, “Quantitative Employment and Income Generation”, “Balance of Payment and Investment”.	**OK**

Checklist Question		Reference	MoV[1]	Comments	Conclusion
B.1.3	Do the sustainability indicators included in the monitoring report comply with the minimum contents specified in paragraph 4.1 of the GS toolkit?	/4 /5/	DR, CC	The project activity is developed and registered under Gold standard Version 2.1; therefore, GS Toolkit 2.1 is applicable to the project activity. The sustainability indicators in the monitoring report complies with the sustainability indicators established by the Gold Standard.	**OK**
B.1.4	Have any changes been made to the key sustainable development indicators?	/1/ /7/	DR, CC, I	No change has been occurred to the sustainable development indicators during the monitoring period of 01/07/2012 to 30/04/2014 as confirmed through the site inspection and interviews.	**OK**
B.2	**Data and parameters that are available at validation and that are not monitored**				
B.2.1	Which parameters were available at validation and how were they verified?	/1/ /7/ /8/	DR, CC	**Combined Margin Emission Factor:** As per the approved methodology ACM0002 version 12.0.0, the combined emission factor has been determined using the ex-ante option, so it is not requested to monitor and recalculate the emission factors during this crediting period. The combined emission factor is determined to be 0.5980 tCO_2/MWh in the registered PDD /1/ and validation report /8/.	**OK**
B.3 Data and parameters monitored					
B.3.1	Data/Parameter monitored / Data unit / Description / Source of data to be used / Value data for the monitoring period	/1/ /26/ /27/	DR, CC, I	***Quantity of net electricity generation supplied by the project plant to the grid in year y ($EG_{facility,y}$):*** The electricity generation and electricity consumption is measured in MWh and it is monitored by two electricity meters that are located at the project area. The electricity generation and electricity consumption of the project activity is based on the PMUM records /26/. The PMUM records are crosschecked with the monthly official electricity metering reports (OSF Forms) /27/ during this monitoring period. However, the name, unit and the description of the parameter given in section D.2 ($EG_{facility,y}$) is not in line with the PDD /1/. In addition, the value of the parameter is not in line with the current situation as per the monitoring period. Please make sure that the last 2 months have been included.	~~**CR 2**~~ **OK**

Checklist Question		Reference	MoV[1]	Comments	Conclusion
				In addition, they mentioned that "TEIAS sends an electronic spreadsheet which includes daily and monthly electricity generation and withdrawn for each power plant" which is not in line with the current situation. Please correct the description in Figure 2 and write an explanation in section B.2.2 of the monitoring report.	
B.3.2	Is the measurement equipment described? Is the accuracy of the measurement equipment addressed and deemed appropriate?	/3/ /14/	DR, CC,I	Two electricity meters are installed at the project area. The main meter is ELSTER A1500 with serial number 422418 and the backup meter is ELSTER A1500 with serial number 422419. The meters have the accuracy of 0.5s as confirmed through the first index protocol /14/, performed by TEIAS. The description of the meters presented in the monitoring report is in line with the operation as confirmed through the site visit observation.	**OK**
B.3.3	Are the requirements for maintenance and calibration of measurement equipment described and deemed appropriate?	/1/ /3/ /14/ /33/	DR, CC,I	Ministry of Trade and Industry is responsible for calibration and maintenance of the devices as per the registered PDD /1/. The project owner has no control on the meters since the meters are sealed by the TEIAS as confirmed during the site visit. If any major discrepancy occurs between the two meters, TEIAS performs necessary calibration. During this monitoring period no discrepancy was occurred. According to the GS Feedback /33/, "First meter reading document (to be signed when the plant begins to generate electricity) of TEIAS should be seen as a proof of first calibration". The first index protocol given by TEIAS on 28/11/2011 for the ELSTER A1500 electricity meters with a serial no 422418 and 422419 /14/ has been provided to the Verification team. It could be confirmed that the electricity meters were calibrated before installation.	**OK**
B.3.4	Is the monitoring frequency adequate for all monitoring parameters? Is it in line with the registered monitoring plan?	/1/ /3/ /7/	DR, CC, I	The electricity generation supplied to the grid and electricity consumption from the grid is monitored continuously (reading in real time) by two meters as verified during the site visit. Monitoring frequency is in	**OK**

Checklist Question		Reference	MoV[1]	Comments	Conclusion
				line with the applied methodology and registered PDD.	
B.3.5	Is the recording frequency adequate for all monitoring parameters? Is it in line with the registered monitoring plan?	/1/ /3/ /7/	DR, CC, I	The electricity generation supplied to the grid, electricity consumption from the grid is recorded monthly. This is in line with the monitoring plan in the registered PDD.	**OK**
B.3.6	Does data management (from monitoring equipment to emission reduction calculation) ensure correct transfer of data and reporting of emission reductions?	/3/ /27/	DR, CC, I	At the last day of each month, the electricity generation supplied to the grid and electricity consumption from the grid is read and the monthly official electricity metering reports /27/. The monthly reading protocols are filled by the Project personnel and sent to TEIAS. In this way, it is checked if there are inconsistencies between the values read by OSOS and the reading protocols. The plant staff explained the monitoring procedures during the site visit. As confirmed through the observation, the plant personnel records the electricity generation from the meters and fills the monthly reading protocols.	**OK**
B.4 Monitoring of GS indicators of sustainable development /environmental impacts					
B.4.1	Data/Parameter monitored / Data unit / Description / Source of data to be used / Value data for the monitoring period	/2/ /3/ /9/ /16/ /15/ /18/ /19/ /20/ /21/ /22/ /23/ /24/ /25/ /32/ /34/ /36/	DR, CC, I	The following GS sustainable development parameters are monitored as per the registered GS Passport /2/: "Air Quality", "Water Quality and Quantity", "Soil Condition", "Other Pollutants", "Biodiversity", "Quality of Employment", "Quantitative Employment and Income Generation", "Balance of Payment and Investment". **Air Quality:** *Amount of CO and NMVOC emissions:* The parameter is monitored annually by measurement of net electricity generation and multiplication with the baseline ex-ante CO and NMVOC intensity of the Turkish grid. The value for this monitoring period is 29.2 tons for CO and 7.4 tons for NMVOC. However, after adding the last 2 months to the excel sheet, the net electricity generation will be changed. Please correct and recalculate the values. *Level of Dust emissions during construction of the project activity:* The parameter is monitored annually until completion of the construction phase with the interviewing villagers and letter of mukhtar /16/.	~~**CAR 2**~~ **OK**

Checklist Question		Reference	MoV[1]	Comments	Conclusion
				According to the interviews, no negative feedback was received. **Water Quality and Quantity:** *Wastewater gathered in the cesspool:* The parameter is monitored annually until completion of the construction phase by checking the sewage truck invoice /32/. It is confirmed that the waste water is stored in a septic tank on site and disposed of periodically with vacuum. **Soil Condition:** *Road Condition:* The parameter is monitored annually until completion of the construction phase by checking the roads during on site visit and statement of local people such as letter of mukhtar /16/. However, the mukhtar of Cavundur explained during on site visit that their village's roads were not used during construction. Please clarify. In addition, during on site visit Kayaduzu was also visited to interview with the stakeholders. According to the interviews, the stakeholders claimed that although PP has promised, the village roads were not repaired. Please clarify. **Other Pollutants:** *Solid Waste Disposal:* The parameter is monitored annually until completion of the construction phase by the letter of Municipality /15/. As per the letter, solid wastes are collected regularly by the municipality. *Noise:* The parameter is monitored annually until completion of the construction phase by the letter of mukhtar /16/. According to the letter, no noise emission was occurred during construction. The level of noise does not disturb them, it is under limits. **Biodiversity :** *Number of bird strikes:* The parameter is monitored once during the first verification by observation of measures on site visit. During on site visit, no dead birds were encountered. The stakeholders were interviewed about	

Checklist Question	Reference	MoV[1]	Comments	Conclusion
			biodiversity and no negative feedback was received. In addition, the turbines were painted with an inverted colour and red flash lights were mounted on top of the turbines as confirmed through the pictures of the turbines /34/. **Quality of Employment:** *Health&Safety Trainings:* The parameter is monitored annually by checking the certificates and attendance lists of the trainings. All the trainings /18-23/ during this monitoring period were provided to the verification team. All the employees attend to the health and safety trainings. However, chosen parameter given in the monitoring report is not in line with the PDD. Please correct. **Quantitative Employment and Income Generation:** *Number of local employment with more than minimal wage:* This parameter is monitored annually by the Registration Document and receipts of employees. It was confirmed that 15 employees are hired by the project (11 of them are working for Merzifon Enerji and 4 of them are working for Akdeniz Security) and 6 employees' originates are from the same province as confirmed through the Residence Certificates /24/ and Registration Document /25/. In addition, their wage was investigated during on site visit and it is confirmed that all the employee's salaries are more than minimum wage which is 846 TL in Turkey /36/. However, please fill in the total number of employees, number of local employment and table number in "current situation" for this parameter. **Balance of payments and investment:** *Amount of avoided natural gas to be imported:* This parameter is monitored annually by the multiplying avoided natural gas consumption by average international natural gas price. The value for this monitoring period is 5,530,000 € as given in the monitoring report. However, the ration of TL/€ is given	

Checklist Question		Reference	MoV[1]	Comments	Conclusion
				as 2 in the excel sheet. Please correct as per the current moment. In addition, please checked all the reference links given in the excel sheet /9/. Also, please revise the value as per the new net generation after adding the last 2 months.	
B.4.2	Is the montiroing in line with the registered monitoring plan?	/1/ /2/ /3/	DR, CC, I	The monitoring complies with the monitoring plan presented in the registered PDD.	**OK**
B.5 Management, quality assurance and quality control					
B.5.1	How has it been assessed that the monitoring arrangements described in the monitoring plan are feasible within the project design?	/1/ /3/	DR, I	An on-site inspection has been performed on 14/04/2014 and it could be confirmed that the monitoring arrangements in the monitoring plan are feasible within the project design.	**OK**
B.5.2	Are procedures identified for day-to-day record handling (including what records to keep, storage area of records and how to process performance documentation)?	/1/ /3/	DR, I	The electricity generation supplied to the grid and electricity consumption from the grid is monitored by two meters as verified during the site visit. The meters are sealed by TEIAS. The electricity generation supplied to the grid and electricity consumption from the grid is read remotely from the electricity meters by TEIAS. The reading results are stored by PMUM on the web site. The project manager explained the monitoring procedures during the site visit. As confirmed through the observation, the plant staff monitors and records the data at the end of each month from both meters, fills the forms and compares the values for consistency. Also, the data was measured hourly, transferred to excel and reported daily. The responsible engineer performs regular checks of this procedure each month. If any difference occurs between the two meters, TEIAS has to be informed.	**OK**
B.5.3	Are the data management and quality assurance and quality control procedures sufficient to ensure that the emission reductions achieved by/resulting from the project can be reported ex post and verified?	/1/ /3/ /27/	DR, I	The generated electricity is measured by two meters that were sealed by TEIAS. The project owner has no control on the meters. The electricity generation supplied to the grid and electricity consumption from the grid is stored by PMUM on the web site. The project owner also archives a hardcopy of the monthly official electricity metering	**OK**

Checklist Question		Reference	MoV[1]	Comments	Conclusion
				reports /27/, scanned and stored electronically.	
B.5.4	Will all monitored data required for verification and issuance be kept for two years after the end of the crediting period or the last issuance of VERs, for this project activity, whichever occurs later?	/1/ /3/ /7/	DR, I	The collected data during the monitoring period will be kept by the project owner at least two years after the last issuance of VERs as stated in the monitoring report /3/ and registered PDD /1/ line with the ACM0002 version 12.1.0 /7/.	**OK**

TABLE 2 RESOLUTION OF CORRECTIVE ACTION REQUESTS AND CLARIFICATION REQUESTS

Corrective action and/ or clarification requests	Reference to Table 1	Response by project participants	Verification conclusion
CAR 1 It is stated in the registered PDD /1/ and monitoring report that the generated electricity is supplied to the National Electricity Transmission Grid of Turkey via the 33kVA busbar of the Kayaduzu Transformer Station by a 2x477 MCM, 33 kVA and 1 km power transmission line. However, as per the generation license and the interviews with the PP, it is confirmed that generated electricity is supplied via 154 kV Ladikcim-Merzifon transmission line. Please correct and explain in section B.2.2 of the MR. The actual emission reduction is not correct since the last 2 months are not added to the calculation. Please revise all the monitoring report as per the new emission reduction and also send the supporting documents to the verification team. In section A.1 of the monitoring report, it is stated that operational lifetime is 20 years. However, it is not in line with the generation license. Please make the necessary correction as "technical lifetime" or change the value of the year as per the generation license. The net electricity generation is defined as GENy in page 7; however, it is not in line with the	A.2	In section A.1 of the Monitoring Report, it is stated that «The energy generated by the power plant in the project area will be transferred to the National Electricity System (TEİAŞ) via 154 kV Ladikcim-Merzifon transmission line from the Kayaduzu Transformer Station." Actual emission reduction is corrected through Monitoring Report and calculation sheet. PMUM screen-shots are also submitted to the DOE. Explanation regarding lifetime of the turbine in section A.1 is corrected to be "technical lifetime". GENy is corrected to be $EG_{facility,y.}$ The links given in footnote of 5 and 6 are replaced with working ones. The year for end of the crediting period is corrected to be 2019, to be 7 yrs in total.	**Review 1 (07/05/2014):** It is now stated that generated electricity is supplied via 154 kV Ladikcim-Merzifon transmission line in the monitoring report, version 2. The last 2 months is now added to the calculation excel sheet. The new actual emission reduction is now corrected as 134,305 tCO_2 in all parts of the monitoring report. It is now corrected that 20 years is the technical lifetime of the turbines. GEN_y is now corrected as $EG_{facility,y}$ in the monitoring report. The crediting period od the project activity is now defined as 01/07/2012 to 30/06/2019 which means totally 7 years. **Hence, CAR 1 is closed.**

Corrective action and/ or clarification requests	Reference to Table 1	Response by project participants	Verification conclusion
registered PDD. Please correct as "$EG_{facility,y}$". Footnote 5 and 6 does not work. Please correct. The crediting period is defined as 01/07/2012 to 30/06/2018 which means totally 6 years instead of 7 years. Please correct.			
CAR 2 **Air Quality:** *Amount of CO and NMVOC emissions:* The parameter is monitored annually by measurement of net electricity generation and multiplication with the baseline ex-ante CO and NMVOC intensity of the Turkish grid. The value for this monitoring period is 29.2 tons for CO and 7.4 tons for NMVOC. However, after adding the last 2 months to the excel sheet, the net electricity generation will be changed. Please correct and recalculate the values. **Soil Condition:** *Road Condition:* The parameter is monitored annually until completion of the construction phase by checking the roads during on site visit and statement of local people such as letter of mukhtar /16/. However, the mukhtar of Cavundur explained during on site visit that their village's roads were not used during construction. Please clarify. In addition, during on site visit Kayaduzu was also visited to interview with the stakeholders. According to the interviews, the stakeholders claimed that although PP has promised, the village roads were not repaired. Please clarify. **Quality of Employment:** *Health&Safety Trainings:* The parameter is monitored annually by checking the certificates and attendance lists of the trainings. All the trainings /18-23/ during this monitoring period	B.4.1	*Amount of CO and NMVOC emissions:* After adding the electricity generation for the last two months and correcting the previous ones, now net electricity generation in the monitoring period becomes 224,592.829 MWh. Thus, new figures for CO becomes 32.1 and for NMVOC 8.1 tons. **Soil Condition:** *Road Condition:* Some residents of Kayaduzu village had complained about road conditions during the site visit. However, as submitted to the DOE, according to the bank receipt of Kayaduzu WPP, Merzifon A.S. has transferred payment for renovation of roads in Kayaduzu village, to the bank account of General Secretariat of Special Administration of Amasya Province. Renovation of village roads is under responsibility of Special Administrations. They make necessary studies and calculates amount for renovation of the roads and related party needs to make payment. The bank receipt mentioned above demonstrates that Merzifon has accomplished his duty for the roads and made payment in 2012. **Quality of Employment:** *Health&Safety Trainings:* Parameter is corrected to be in line with the registered	**Review 1 (07/05/2014):** **Air Quality:** *Amount of CO and NMVOC emissions:* The value for this monitoring period is now corrected as 32.1 tons for CO and 8.1 tons for NMVOC after adding the last 2 months to the excel sheet. **Soil Condition:** *Road Condition:* The invoice /37/ for the roads renovation is submitted to DOE. However, in the information of the invoice "advance payment" is stated. Please send the supporting document with amount of renovation studied by Special Administrations to cross-checked the amount given in the invoice. In addition, please remove the letter of Cavundur's mukhtar from the references for this parameter since the roads of Cavundur was not used during construction. **Quality of Employment:** *Health&Safety Trainings:* The chosen parameter given in the monitoring report is now in line with the GS Passport. **Quantitative Employment and Income Generation:** *Number of local employment with more than minimal wage:* The total number of employees, number of local employment and table number in "current situation" for

Corrective action and/ or clarification requests	Reference to Table 1	Response by project participants	Verification conclusion
were provided to the verification team. All the employees attend to the health and safety trainings. However, chosen parameter given in the monitoring report is not in line with the PDD. Please correct. **Quantitative Employment and Income Generation:** *Number of local employment with more than minimal wage:* This parameter is monitored annually by the Registration Document and receipts of employees. It was confirmed that 15 employees are hired by the project (11 of them are working for Merzifon Enerji and 4 of them are working for Akdeniz Security) and 6 employees' originates are from the same province as confirmed through the Residence Certificates /24/ and Registration Document /25/. In addition, their wage was investigated during on site visit and it is confirmed that all the employee's salaries are more than minimum wage which is 846 TL in Turkey /36/. However, please fill in the total number of employees, number of local employment and table number in "current situation" for this parameter. **Balance of payments and investment:** *Amount of avoided natural gas to be imported:* This parameter is monitored annually by the multiplying avoided natural gas consumption by average international natural gas price. The value for this monitoring period is 5,530,000 € as given in the monitoring report. However, the ration of TL/€ is given as 2 in the excel sheet. Please correct as per the current moment. In addition, please checked all the reference links given in the excel sheet /9/. Also, please revise the value as per the new net generation after adding the last 2 months.		PDD. **Quantitative Employment and Income Generation:** *Number of local employment with more than minimal wage:* Missing points for this parameter are added and list of staff are provided in the Monitoring Report. **Balance of payments and investment:** *Amount of avoided natural gas to be imported:* EUR/TL Parity used in calculation is updated to be purchase rate of TCMB for the date of 30/04/2014 (last day of the monitoring period) is used. Value of saved currency is corrected using latest figures for net electricity generation. **Response to Review-1:** **Soil Condition:** *Road Condition:* The protocol which is signed between project owner and Special Provincial Administration of Amasya is submitted to DOE. Reference to Muhtar of Çavundur village is removed for Soil Condition Parameter.	this parameter is now filled in the monitoring report as per the Residence Certificates /24/ and Registration Document /25/. **Balance of payments and investment:** *Amount of avoided natural gas to be imported:* The ratio of TL/€ is now corrected as per the current moment in the excel sheet. In addition, the value is recalculated as per the new net electricity generation after adding the last 2 months. However, please checked all the reference links given in the excel sheet /9/. **Hence, CAR 2 is not closed.** **Review 2 (08/07/2014):** **Soil Condition:** *Road Condition:* The agreement /38/ between Baktepe Enerji A.S. and Amasya Special Provincial Administration is submitted to DOE. It could be now confirmed through the agreement and the invoice /37/ that the last installment is paid. In addition, the letter of Cavundur's mukhtar given as a reference for road condition is removed from the monitoring report. **Balance of payments and investment:** *Amount of avoided natural gas to be imported:* All the reference links given in the excel sheet /9/ is now available. However, "Share of Natural Gas in Turkish Electricity Mix in 2008" given in the excel sheet as 49,47% is not in line

Corrective action and/ or clarification requests	Reference to Table 1	Response by project participants	Verification conclusion
		Balance of payments and investment: *Amount of avoided natural gas to be imported:* Links in the excel sheet for this parameter are updated. **Response to Review-2:** **Balance of payments and investment:** *Amount of avoided natural gas to be imported:* Necessary correction is done and value is recalculated.	with the reference (49,74%). Please correct the value of the parameter and recalculate the "Balance of Payment and Investment". **Hence, CAR 2 is not closed.** **Review 3 (08/05/2014):** **Balance of payments and investment:** *Amount of avoided natural gas to be imported:* "Share of Natural Gas in Turkish Electricity Mix in 2008" given in the excel sheet is now in line with the reference (49,74%) and the necessary corrections were made in the monitoring report, version 4. **Hence, CAR 2 is closed.**
CR 1 The number of the sectoral scope is not given in the first page of the monitoring report. Please add.	A.1	Sectorol scope no. is 1 and now added to the Monitoring Report.	**Review 1 (07/05/2014):** The number of the sectoral scope is now added to the first page of the monitoring report, version 2 as "Sectoral Scope No. 1". **Hence, CR 1 is closed.**
CR 2 The name, unit and the description of the parameter given in section D.2 ($EG_{facility,y}$) is not in line with the PDD /1/. In addition, the value of the parameter is not in line with the current situation as per the monitoring period. Please make sure that the last 2 months have been included. In addition, they mentioned that "TEIAS sends an electronic spreadsheet which includes daily and monthly electricity generation and withdrawn for each power plant" which is not in line with the current situation. Please correct the description in Figure 2 and write an explanation in section B.2.2	B.3.1	Monthly meter rading protocols, which are kept by staff, are used for cross-check of PMUM data. Monthly reading protocols were provided to DOE during site visit. Related parts of monitoring report are revised accordingly and an explanation is added to B.2.2 section.	**Review 1 (07/05/2014):** The name, unit and the description of the parameter given in section D.2 ($EG_{facility,y}$) is now in line with the PDD /1/. The value of the parameter is now revised as per the last 2 months' adding. The information is now corrected as "Monthly meter reading protocols, which are kept by staff,TEIAS notices are used to cross-check the PMUM records" as per the current situation of the project activity. The deviation is added to Section B.2.2 of the MR.

Corrective action and/ or clarification requests	Reference to Table 1	Response by project participants	Verification conclusion
of the monitoring report.			**Hence, CR 2 is closed.**

TABLE 3 FORWARD ACTION REQUEST

Forward action request	Reference to Table 1	Response by project participants Verification conclusion
FAR 1		

RINA

CERTIFICATO DI QUALIFICA
QUALIFICATION CERTIFICATE

Si attesta che il sig./sig.ra: *We declare that Mr/Mrs/Ms:*	**Tugce Kiratli**
è qualificato come[1]: *is qualified as:*	**CDM-TEC, JI-TEC, VCS-TEC, GS-TEC, VCS-VAL, VCS-VER, GS-VAL, GS-VER, GS-TL, VCS-TL**
per le seguenti aree tecniche: for the following technical areas:	**1.2, 13.1**

AREE TECNICHE **TECHNICAL AREAS**	**DESCRIZIONE DELL'AREA TECNICA** ***TECHNICAL AREA DESCRIPTION***	**SCOPO SETTORIALE** ***SECTORAL SCOPE***
1.2*	Energy generation from renewable energy sources	1
13.1	Waste handling and disposal	13

*Just for GS and VCS, not for CDM

in accordo alle istruzioni della Divisione Certificazione.
in accordance with the instructions of the Certification Division.

REVISIONE ***REVISION***	**DATA** ***DATE***	**MOTIVAZIONI PER LA REVISIONE** ***REASON FOR THE REVISION***
4	14/01/2014	Updated qualification as VCS-GS TL
0	26/11/2012	-

Il Resp. QPT
Head of QPT

[1] Legend:

VAL:	Validator	CDM: Clean Development Mechanism
VER:	Verifier	VCS : Verified Carbon Standard:
TEC:	Technical Expert	GS: Gold Standard
TL:	Team Leader	SCS: SocialCarbon Standard
FIN-EXP:	Financial Expert	JI: Joint Implementation
DET:	Determiner	

RINA Services S.p.A. è accreditato 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 GS Projects and by the Ecologica Institute, to carry out Validation and Verification of SCS Reports

RINA

CERTIFICATO DI QUALIFICA
QUALIFICATION CERTIFICATE

Si attesta che il sig./sig.ra: *We declare that Mr/Mrs/Ms:*	**Rita Valoroso**
è qualificato come1: *is qualified as:*	**CDM-TEC, CDM-VAL, CDM-VER, CDM-TL, CDM-FIN-EXP** **VCS–TEC, VCS-VAL, VCS-VER, VCS-TL, VCS-FIN-EXP** **GS-TEC, GS-VAL, GS-VER, GS-TL, GS-FIN-EXP** **SCS-TEC, SCS-VAL, SCS-VER, SCS-TL, SCS-FIN-EXP** **JI-TEC, JI-FIN-EXP**
per le seguenti aree tecniche: for the following technical areas:	**1.2, 13.1**

AREE TECNICHE **TECHNICAL AREAS**	**DESCRIZIONE DELL'AREA TECNICA** ***TECHNICAL AREA DESCRIPTION***	**SCOPO SETTORIALE** ***SECTORAL SCOPE***
1.2	Energy generation from renewable Energy sources	1
13.1	Waste Handling and Disposal	13

in accordo alle istruzioni della Divisione Certificazione.
in accordance with the instructions of the Certification Division.

REVISIONE ***REVISION***	**DATA** ***DATE***	**MOTIVAZIONI PER LA REVISIONE** ***REASON FOR THE REVISION***
0	18-01-10	-
7	12-07-13	Annual revision

Il Resp. QPT
Head of QPT

[1] Legend:

VAL:	Validator	CDM: Clean Development Mechanism
VER:	Verifier	VCS : Verified Carbon Standard:
TEC:	Technical Expert	GS: Gold Standard
TL:	Team Leader	SCS: SocialCarbon Standard
FIN-EXP:	Financial Expert	JI: Joint Implementation
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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 GS Projects and by the Ecologica Institute, to carry out Validation and Verification of SCS Reports