



DETERMINATION REPORT GLOBAL CARBON BV

DETERMINATION OF THE MONITORING PLAN REVISION 1.1 OF THE PROJECT **IMPROVEMENT OF THE ENERGY EFFICIENCY AT ENERGOMASHPETSSTAL (EMSS), KRAMATORSK, UKRAINE**

REPORT No. UKRAINE/0072A/2009
REVISION No. 01

BUREAU VERITAS CERTIFICATION

Date of first issue: 31 December 2009	Organizational unit: Bureau Veritas Certification Holding SAS
Client: Global Carbon BV	Client ref.: Mr. Lennard de Klerk

Summary:

Bureau Veritas Certification has made the determination of the Monitoring Plan revision 1.1 dated 31/12/2009 of the "Improvement of the Energy efficiency at Energomashspetsstal (EMSS), Kramatorsk, Ukraine" project of Global Carbon BV located in Kramatorsk, Ukraine on the basis of UNFCCC criteria for the JI, as well as criteria given to provide for consistent project operations, monitoring and reporting, as well as the host country criteria.

Bureau Veritas Certification confirms that the proposed revisions to the monitoring plan improve the accuracy and completeness of information of the original monitoring plan without changing conformity with the relevant rules and regulations for the establishment of monitoring plans.

Report No.: UKRAINE/0072A/2008	Subject Group: JI	
Project title: Improvement of the Energy efficiency at Energomashspetsstal (EMSS), Kramatorsk, Ukraine		
Work carried out by: Team Leader : Nadiia Kaiun		
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Indexing terms

Climate Change, Kyoto Protocol, JI, Emission Reductions, Verification

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Abbreviations

AIE	Accredited Independent Entity
BVCH	Bureau Veritas Certification Holding SAS
CAR	Corrective Action Request
CL	Clarification Request
CO ₂	Carbon Dioxide
ERU	Emission Reduction Unit
FAR	Forward Action Request
GHG	Green House Gas(es)
IETA	International Emissions Trading Association
JI	Joint Implementation
JISC	JI Supervisory Committee
MoV	Means of Verification
MP	Monitoring Plan
PCF	Prototype Carbon Fund
PDD	Project Design Document
UNFCCC	United Nations Framework Convention on Climate Change

1 INTRODUCTION

Global Carbon BV has commissioned Bureau Veritas Certification to verify the emissions reductions of its JI project "Improvement of the Energy efficiency at Energomashspetsstal (EMSS), Kramatorsk, Ukraine" (hereafter called "the project") at Kramatorsk, Ukraine, UNFCCC JI Reference Number 0104. After the first verification for 2008 the Monitoring plan has been changed. This report presents determination of the Monitoring Plan revision 1.1 dated 31/12/2009 with the regard of improvement the accuracy and completeness of information of the original monitoring plan without changing conformity with the relevant rules and regulations for the establishment of monitoring plans.

The results of the PDD determination were documented by Bureau Veritas Certification Holding SAS in the report: "Improvement of the Energy efficiency at Energomashspetsstal (EMSS), Kramatorsk, Ukraine" Report No. UKRAINE/0003/2007 dated August 31st, 2009 See Section 4).

The results of initial and first periodic verification were documented by Bureau Veritas Certification Holding SAS in the report: "Improvement of the Energy efficiency at Energomashspetsstal (EMSS), Kramatorsk, Ukraine" Report No. UKRAINE/0016/2008 dated November 16th, 2009 See Section 4).

Project is approved by the National Environmental Investment Agency of Ukraine and Ministry of Economical Affairs in

Netherlands (Letters of approval are presented, see Section 4) and registered under Track 2.

The Monitoring Report (MR) version 1.5 dated 31 of December 2009 and Monitoring Plan revision 1.1 dated 31 of December 2009 were submitted by Global Carbon BV for determination.

New revision of the Monitoring Plan was performed as a response to the FAR raised during the first periodic verification for 2008 (FAR1: Monitoring Report does not provide information how LCV of NG was calculated monthly based on data from suppliers and what value was used in calculation by formula (2). Please explain and correct. Response: Formula was modified for the next monitoring period which is 9 months. Calculations are performed monthly, and sum of figures for the necessary number of months gives a result).

2 MONITORING PLAN REVISION 1.1 DETERMINATION

The monitoring approach in the Monitoring Plan of the PDD version 3.9 requires monitoring and measurement of variables and parameters necessary to quantify the baseline emissions and project emissions in a conservative and transparent way. The same approach is applied in the revised Monitoring Plan revision 1.1 developed for the monitoring period that is not one year.

According to the determined within the PDD monitoring plan the project and baseline emissions and emission reductions are calculating on the annual basis for every subproject. In order to make monitoring process for the nine months possible formulas for the calculations has been updated. Updates with compare to the determined within the PDD monitoring plan are presented in the MR version 1.5.

In the revised monitoring plan the formulae for calculation of variables are adjusted for the period 1 month instead of period of 1 year that was in the initial monitoring plan determined in the PDD. This allowed to calculated figures for 9 months of 2009.

The reporting procedures reflect the revised monitoring plan completely.

Changes that have been implemented do not affect conservativeness of the approach to the emission reductions calculations and procedures of the data collection and archiving.

The Management and Operational Systems are eligible for reliable project monitoring according new plan.

3 MONITORING PLAN DETERMINATION STATEMENT

Bureau Veritas Certification has made the determination of the Monitoring Plan revision 1.1 dated 31/12/2009 of the “Improvement of the Energy efficiency at Energomashspetsstal (EMSS), Kramatorsk, Ukraine” project of Global Carbon BV located in Kramatorsk, Ukraine on the basis of UNFCCC criteria for the JI, as well as criteria given to provide for consistent project operations, monitoring and reporting, as well as the host country criteria.

Bureau Veritas Certification confirms that the proposed revisions to the monitoring plan improve the accuracy and completeness of information of the original monitoring plan without changing conformity with the relevant rules and regulations for the establishment of monitoring plans.

4 REFERENCES

- /1/ Monitoring Report version 1.5 dated 31st of December 2009
- /2/ Monitoring Plan revision 1.1 dated 30th of December 2009
- /3/ Verification Report by Bureau Veritas Certification Holding SAS dated 16th of November 2009
- /4/ Determination Report by Bureau Veritas Certification Holding SAS dated 31st of August 2009
- /5/ Project Design Document, version 3.9 dated 31 of August 2008
- /6/ Letter of Approval of National Ecological Investment Agency of Ukraine, № 48/23/7 from 23.01.2009
- /7/ Approval of Voluntary participation in a Joint Implementation project of Ministry of Economical Affairs in Netherlands №20097JI01, dated 3 of March 2009