

# VERIFICATION REPORT "MT-Invest Carbon" LLC

# **VERIFICATION OF THE**

# "IMPLEMENTATION OF TECHNOLOGICAL MODERNIZATION OF PJSC "GOROKHIV SUGAR MILL"

INITIAL AND FIRST PERIODIC FOR THE PERIOD 01/01/2008 – 30/11/2012

REPORT NO. UKRAINE-VER/0559/2012
REVISION NO. 01

**BUREAU VERITAS CERTIFICATION** 



#### **VERIFICATION REPORT**

| Date of first issue: 07/12/2012 | Organizational unit: Bureau Veritas Certification |
|---------------------------------|---|
|                                 | Holding SAS                                       |
| Client: "MT-Invest Carbon" LLC  | Client ref.:<br>Iaroslav Falendysh                |

Summary:

Bureau Veritas Certification has made the initial and 1<sup>st</sup> periodic verification of the "Implementation of technological modernization of PJSC "Gorokhiv Sugar Mill" project of «MT-Invest Carbon» LLC located in Marianivka Town, Gorokhiv District of Volyn Region, Ukraine, and applying JI specific approach, on the basis of UNFCCC criteria for the JI, as well as criteria given to provide for consistent project operations, monitoring and reporting. UNFCCC criteria refer to Article 6 of the Kyoto Protocol, the JI rules and modalities and the subsequent decisions by the JI Supervisory Committee, as well as the host country criteria.

The verification scope is defined as a periodic independent review and ex post determination by the Accredited Independent Entity of the monitored reductions in GHG emissions during defined verification period, and consisted of the following three phases: i) desk review of the monitoring report against project design and the baseline and monitoring plan; ii) follow-up interviews with project stakeholders; iii) resolution of outstanding issues and the issuance of the final verification report and opinion. The overall verification, from Contract Review to Verification Report & Opinion, was conducted using Bureau Veritas Certification internal procedures.

The first output of the verification process is a list of Clarification, Corrective Action Requests, Forward Action Requests (CL, CAR and FAR), presented in Appendix A.

In summary, Bureau Veritas Certification confirms that the project is implemented as planned and described in approved project design documents. Installed equipment being essential for generating emission reduction runs reliably and is calibrated appropriately. The monitoring system is in place and the project is generating GHG emission reductions. The GHG emission reduction is calculated accurately and without material errors, omissions, or misstatements, and the ERUs issued totalize 1 606 987 tonnes of CO2 equivalent for the monitoring period from 01/01/2008 to 30/11/2012.

Our opinion relates to the project GHG emissions and resulting GHG emission reductions reported and related to the approved project baseline and monitoring, and its associated documents.

| Report No.:                    | Subject Group:            |   |
|--------------------------------|---------------------------|---|
| UKRAINE-ver/0559/2012          | JI                        |   |
| Project title:                 | 1                         |   |
| "Implementation of techno      | ological modernization of |   |
| PJSC "Gorokhiv Sugar Mill"     |                           |   |
| 6                              |                           |   |
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|                                |                           |   |
| Date of this revision: Rev. No | .: Number of pages:       |   |
| 07/12/2012   01                | 18 ()                     | Unrestricted distribution                   |



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#### 1 INTRODUCTION

«MT-Invest Carbon» LLC has commissioned Bureau Veritas Certification to verify the emissions reductions of its JI "Implementation of technological modernization of PJSC "Gorokhiv Sugar Mill" (hereafter called "the project") at Marianivka Town, Gorokhiv District of Volyn Region, Ukraine.

This report summarizes the findings of the verification of the project, performed on the basis of UNFCCC criteria, as well as criteria given to provide for consistent project operations, monitoring and reporting.

# 1.1 Objective

Verification is the periodic independent review and ex post determination by the Accredited Independent Entity of the monitored reductions in GHG emissions during defined verification period.

The objective of verification can be divided in Initial Verification and Periodic Verification.

UNFCCC criteria refer to Article 6 of the Kyoto Protocol, the JI rules and modalities and the subsequent decisions by the JI Supervisory Committee, as well as the host country criteria.

# 1.2 Scope

The verification scope is defined as an independent and objective review of the project design document, the project's baseline study, monitoring plan and monitoring report, and other relevant documents. The information in these documents is reviewed against Kyoto Protocol requirements, UNFCCC rules and associated interpretations.

The verification is not meant to provide any consulting towards the Client. However, stated requests for clarifications, corrective and/or forward actions may provide input for improvement of the project monitoring towards reductions in the GHG emissions.

#### 1.3 Verification Team

The verification team consists of the following personnel:

Kateryna Zinevych

Bureau Veritas Certification Team Leader, Climate Change Verifier

Volodymyr Kulish

Bureau Veritas Certification Climate Change Verifier



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This verification report was reviewed by:

Ivan Sokolov

Bureau Veritas Certification, Internal Technical Reviewer

Olena Manziuk

Bureau Veritas Certification Technical Specialist

#### 2 METHODOLOGY

The overall verification, from Contract Review to Verification Report & Opinion, was conducted using Bureau Veritas Certification internal procedures.

In order to ensure transparency, a verification protocol was customized for the project, according to the version 01 of the Joint Implementation Determination and Verification Manual, issued by the Joint Implementation Supervisory Committee at its 19 meeting on 04/12/2009. The protocol shows, in a transparent manner, criteria (requirements), means of verification and the results from verifying the identified criteria. The verification protocol serves the following purposes:

- It organizes, details and clarifies the requirements a JI project is expected to meet;
- It ensures a transparent verification process where the verifier will document how a particular requirement has been verified and the result of the verification.

The completed verification protocol is enclosed in Appendix A to this report.

#### 2.1 Review of Documents

The Monitoring Report (MR) submitted by «MT-Invest Carbon» LLC and additional background documents related to the project design and baseline, i.e. country Law, Project Design Document (PDD) and/or Guidance on criteria for baseline setting and monitoring, Host party criteria, Kyoto Protocol, Clarifications on Verification Requirements to be Checked by an Accredited Independent Entity were reviewed.

The verification findings presented in this report relate to the Monitoring Report version(s) 1.0, 2.0 and project as described in the determined PDD.

# 2.2 Follow-up Interviews

On 03/12/2012 Bureau Veritas Certification performed on-site interviews with project stakeholders to confirm selected information and to resolve issues identified in the document review. Representatives of PJSC "Gorokhiv Sugar Mill" and «MT-Invest Carbon» LLC were interviewed (see References). The main topics of the interviews are summarized in Table 1.



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**Table 1 Interview topics** 

| Interviewed        |   |  |  |  |  |  |  |
|--------------------|---|--|--|--|--|--|--|
|                    | interview topics  |  |  |  |  |  |  |
| organization       |   |  |  |  |  |  |  |
| PJSC "Gorokhiv     | Organizational structure                                      |  |  |  |  |  |  |
| Sugar Mill"        | Responsibilities and authorities                              |  |  |  |  |  |  |
|                    | Roles and responsibilities for data collection and processing |  |  |  |  |  |  |
|                    | Installation of equipment                                     |  |  |  |  |  |  |
|                    | Data logging, archiving and reporting                         |  |  |  |  |  |  |
|                    | Metering equipment control                                    |  |  |  |  |  |  |
|                    | Metering record keeping system, database                      |  |  |  |  |  |  |
|                    | > IT management   |  |  |  |  |  |  |
|                    | Training of personnel   |  |  |  |  |  |  |
|                    | Quality management procedures and technology                  |  |  |  |  |  |  |
|                    | Internal audits and check-ups                                 |  |  |  |  |  |  |
| CONSULTANT         | Baseline methodology  |  |  |  |  |  |  |
| «MT-Invest Carbon» | Monitoring plan   |  |  |  |  |  |  |
| LLC                | Monitoring report   |  |  |  |  |  |  |
|                    | Excel spreadsheets  |  |  |  |  |  |  |

# 2.3 Resolution of Clarification, Corrective and Forward Action Requests

The objective of this phase of the verification is to raise the requests for corrective actions and clarification and any other outstanding issues that needed to be clarified for Bureau Veritas Certification positive conclusion on the GHG emission reduction calculation.

If the Verification Team, in assessing the monitoring report and supporting documents, identifies issues that need to be corrected, clarified or improved with regard to the monitoring requirements, it should raise these issues and inform the project participants of these issues in the form of:

- (a) Corrective action request (CAR), requesting the project participants to correct a mistake that is not in accordance with the monitoring plan;
- (b) Clarification request (CL), requesting the project participants to provide additional information for the Verification Team to assess compliance with the monitoring plan;
- (c) Forward action request (FAR), informing the project participants of an issue, relating to the monitoring that needs to be reviewed during the next verification period.

The Verification Team will make an objective assessment as to whether the actions taken by the project participants, if any, satisfactorily resolve the issues raised, if any, and should conclude its findings of the verification.



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To guarantee the transparency of the verification process, the concerns raised are documented in more detail in the verification protocol in Appendix A.

#### 3 VERIFICATION CONCLUSIONS

In the following sections, the conclusions of the verification are stated.

The findings from the desk review of the original monitoring documents and the findings from interviews during the follow up visit are described in the Verification Protocol in Appendix A.

The Clarification, Corrective and Forward Action Requests are stated, where applicable, in the following sections and are further documented in the Verification Protocol in Appendix A. The verification of the Project resulted in 12 Corrective Action Requests, 2 Clarification Requests.

The number between brackets at the end of each section corresponds to the DVM paragraph.

## 3.1 Remaining issues and FARs from previous verifications

No FARs were raised during determination.

# 3.2 Project approval by Parties involved (90-91)

Written project approval by the Ukraine #3662/23/7 dated 28/11/2012 has been issued by the State Environmental Investment Agency of Ukraine.

Written project approval by the Netherland #2012JI 55 dated 28/11/2012 has been issued by the Ministry of Economic Affairs, Agriculture and Innovations.

The abovementioned written approvals are unconditional.

The identified areas of concern as to the Project approval by Parties involved, project participants responses and Bureau Veritas Certification's conclusions are described in Appendix A to this report (refer to CAR 01 - CAR 03).

# 3.3 Project implementation (92-93)

Currently the project is already implemented. Implementation of the measures to ensure pulp processing with a significant decrease of its moisture content was completed in 2004, when new shop of pulp drying complex was built. At the same time, the presses of deep pulp extraction were purchased. But, due to lack of funds the final stage was introduced only in 2007 that involved the reconstruction of the existing pulp drying drums.



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The identified areas of concern as to the project implementation, project participants responses and Bureau Veritas Certification's conclusions are described in Appendix A to this report (refer to CAR04, CAR05).

# 3.4 Compliance of the monitoring plan with the monitoring methodology (94-98)

There are no deviations to the registered monitoring plan.

The monitoring occurred in accordance with the monitoring plan included in the PDD regarding which the determination has been deemed final and is so listed on the UNFCCC JI website.

For calculating the emission reductions, key factors influencing the baseline emissions and the activity level of the project and the emissions as well as risks associated with the project were taken into account, as appropriate.

Data sources used for calculating emission reductions are clearly identified, reliable and transparent.

Emission factors, including default emission factors, are selected by carefully balancing accuracy and reasonableness, and appropriately justified of the choice.

The calculation of emission reductions is based on conservative assumptions and the most plausible scenarios in a transparent manner.

The identified areas of concern as to the compliance of the monitoring plan with the monitoring methodology, project participants responses and Bureau Veritas Certification's conclusions are described in Appendix A to this report (refer to CAR06 – CAR08).

# 3.5 Revision of monitoring plan (99-100)

Not applicable

# 3.6 Data management (101)

The data and their sources, provided in monitoring report, are clearly identified, reliable and transparent.

The implementation of data collection procedures is in accordance with the monitoring plan, including the quality control and quality assurance procedures. These procedures are mentioned in the section "References" of this report.

The function of the monitoring equipment, including its calibration status, is in order.



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The evidence and records used for the monitoring are maintained in a traceable manner.

The data collection and management system for the project is in accordance with the monitoring plan.

The identified areas of concern as to the data managemet, project participants responses and Bureau Veritas Certification's conclusions are described in Appendix A to this report (refer to CAR09 – CAR12 and CL01 – CL02).

## 3.7 Verification regarding programmes of activities (102-110)

Not applicable

## 4 VERIFICATION OPINION

Bureau Veritas Certification has performed the initial and 1<sup>st</sup> periodic verification of the "Implementation of technological modernization of PJSC "Gorokhiv Sugar Mill" Project in Marianivka Town, Gorokhiv District of Volyn Region, Ukraine. The verification was performed on the basis of UNFCCC criteria and host country criteria and also on the criteria given to provide for consistent project operations, monitoring and reporting.

The verification consisted of the following three phases: i) desk review of the monitoring report against the project design and the baseline and monitoring plan; ii) follow-up interviews with project stakeholders; iii) resolution of outstanding issues and the issuance of the final verification report and opinion.

The management of «MT-Invest Carbon» LLC is responsible for the preparation of the GHG emissions data and the reported GHG emissions reductions of the project on the basis set out within the project Monitoring Plan indicated in the final PDD version 03. The development and maintenance of records and reporting procedures in accordance with that plan, including the calculation and determination of GHG emission reductions from the project, is the responsibility of the management of the project.

Bureau Veritas Certification verified the Project Monitoring Report version 2.0 for the reporting period as indicated below. Bureau Veritas Certification confirms that the project is implemented as planned and described in approved project design documents. Installed equipment being essential for generating emission reduction runs reliably and is calibrated appropriately. The monitoring system is in place and the project is generating GHG emission reductions.

Bureau Veritas Certification can confirm that the GHG emission reduction is accurately calculated and is free of material errors, omissions, or misstatements. Our opinion relates to the project's GHG emissions and resulting GHG emissions reductions reported and related to the approved project baseline and monitoring, and its associated documents. Based on the information we have seen and



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evaluated, we confirm, with a reasonable level of assurance, the following statement:

# Reporting period: From 01/01/2008 to 30/11/2012

| For the period from 01/01/2008 to 31/<br>Baseline emissions<br>Project emissions<br>Leakage<br>Emission Reductions            | 12/2008<br>: 258 764<br>: 0<br>: 0<br>: 258 764 | tonnes of CO <sub>2</sub> equivalent.<br>tonnes of CO <sub>2</sub> equivalent.<br>tonnes of CO <sub>2</sub> equivalent.<br>tonnes of CO <sub>2</sub> equivalent. |
|---|---|--|
| For the period from 01/01/2009 to 31/2<br>Baseline emissions<br>Project emissions<br>Leakage<br>Emission Reductions           | 12/2009<br>: 304 269<br>: 0<br>: 0<br>: 304 269 | tonnes of CO <sub>2</sub> equivalent.<br>tonnes of CO <sub>2</sub> equivalent.<br>tonnes of CO <sub>2</sub> equivalent.<br>tonnes of CO <sub>2</sub> equivalent. |
| For the period from 01/01/2010 to 31/3<br>Baseline emissions<br>Project emissions<br>Leakage<br>Emission Reductions           | 12/2010<br>: 336 556<br>: 0<br>: 0<br>: 336 556 | tonnes of CO <sub>2</sub> equivalent.<br>tonnes of CO <sub>2</sub> equivalent.<br>tonnes of CO <sub>2</sub> equivalent.<br>tonnes of CO <sub>2</sub> equivalent. |
| For the period from 01/01/2011 to 31/2<br>Baseline emissions<br>Project emissions<br>Leakage<br>Emission Reductions (Year XX) | 12/2011<br>: 353 557<br>: 0<br>: 0<br>: 353 557 | tonnes of CO <sub>2</sub> equivalent.<br>tonnes of CO <sub>2</sub> equivalent.<br>tonnes of CO <sub>2</sub> equivalent.<br>tonnes of CO <sub>2</sub> equivalent. |
| For the period from 01/01/2012 to 31/2<br>Baseline emissions<br>Project emissions<br>Leakage<br>Emission Reductions (Year XX) | 12/2012<br>: 353 841<br>: 0<br>: 0<br>: 353 841 | tonnes of CO <sub>2</sub> equivalent.<br>tonnes of CO <sub>2</sub> equivalent.<br>tonnes of CO <sub>2</sub> equivalent.<br>tonnes of CO <sub>2</sub> equivalent. |
| Total for the monitoring period Baseline emissions Project emissions Leakage Emission Reductions (Year XX)                    | : 1 606 987<br>: 0<br>: 0<br>: 1 606 987        | tonnes of CO <sub>2</sub> equivalent.<br>tonnes of CO <sub>2</sub> equivalent.<br>tonnes of CO <sub>2</sub> equivalent.<br>tonnes of CO <sub>2</sub> equivalent. |



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#### 5 REFERENCES

### **Category 1 Documents:**

Documents provided by «MT-Invest Carbon» LLC that relate directly to the GHG components of the project.

- /1/ Project Design Document "Implementation of technological modernization of PJSC "Gorokhiv Sugar Mill" version 03 dated 29/10/2012
- /2/ Monitoring report for JI project "Implementation of technological modernization of PJSC "Gorokhiv Sugar Mill" Monitoring period 01/01/2008 30/11/2012 version 1.0 dated 30/11/2012
- /3/ Monitoring report for JI project "Implementation of technological modernization of PJSC "Gorokhiv Sugar Mill" Monitoring period 01/01/2008 30/11/2012 version 2.0 dated 06/12/2012
- /4/ ERUs calculation excel file «20121130\_MR001\_Gorokhiv.xls»
- /5/ Letter of Approval #3662/23/7 dated 28/11/2012 issued by State Environmental Investment Agency of Ukraine
- /6/ Letter of Approval from NL Agency of Economic Affairs, Agriculture and Innovations No. 2012JI55 dated 28/11/2012

### **Category 2 Documents:**

Background documents related to the design and/or methodologies employed in the design or other reference documents.

- /1/ Photo–General view of beet pulp drying department
- /2/ Photo-beet pulp press type GH 2/1, fabrication # 2552
- /3/ Photo-beet pulp press type GH 2/1, fabrication # 2564
- /4/ Photo-beet pulp press type GH 2/1, fabrication # 2555
- /5/ Photo-beet pulp press, fabrication # 525
- /6/ Photo-beet pulp press, fabrication # 23001860
- /7/ Photo-beet pulp press, fabrication # 1113
- /8/ Photo-beet pulp press, fabrication # 1014
- /9/ Photo-beet pulp press, fabrication # 1013
- /10/ Photo-beet pulp press, fabrication # 1450
- /11/ Photo-beet pulp press, fabrication # 1452
- /12/ Photo-beet pulp press, fabrication # 1448
- /13/ Photo-beet pulp press, fabrication # 1449
- /14/ Photo-scales, fabrication # 9401
- /15/ Order # 42-06/12 dated 16/09/2011 on appointment of working team on enterprise technical rehabilitation with organic wastes utilization improvement, issued by
- /16/ Order # 39/1 dated 12/07/2004 on appointment of working team on enterprise technical rehabilitation with organic wastes utilization improvement, issued by PJSC "Gorokhiv Sugar Mill"
- /17/ Inventory card # 98/996 on beet pulp press type TX-2, inventory # 98/996



- /18/ Statement dated 01/10/2004 on acceptance-transmitting of beet pulp press type ГХ-2, inventory # 98/996
- /19/ Inventory card # 98/994 on beet pulp press type TX-2, inventory # 98/994
- /20/ Statement dated 01/10/2004 on acceptance-transmitting of beet pulp press type  $\Gamma$ X-2, inventory # 98/994
- /21/ Inventory card # 98/984 on beet pulp press type TX-2, inventory # 98/984
- /22/ Statement dated 01/10/2004 on acceptance-transmitting of beet pulp press type ΓX-2, inventory # 98/984
- /23/ Inventory card # 98/995 on beet pulp press type FX-2, inventory # 98/995
- /24/ Statement dated 01/10/2004 on acceptance-transmitting of beet pulp press type ΓX-2, inventory # 98/995
- /25/ Inventory card # 98/986 on beet pulp press type FX-2, inventory # 98/986
- /26/ Statement dated 01/10/2004 on acceptance-transmitting of beet pulp press type ΓX-2, inventory # 98/986
- /27/ Inventory card # 98/990 on beet pulp press type TX-2, inventory # 98/990
- /28/ Statement dated 01/10/2004 on acceptance-transmitting of beet pulp press type  $\Gamma$ X-2, inventory # 98/990
- /29/ Inventory card # 98/989 on beet pulp press type TX-2, inventory # 98/989
- /30/ Statement dated 01/10/2004 on acceptance-transmitting of beet pulp press type ΓX-2, inventory # 98/989
- /31/ Inventory card # 98/988 on beet pulp press type FX-2, inventory # 98/988
- /32/ Statement dated 01/10/2004 on acceptance-transmitting of beet pulp press type  $\Gamma$ X-2, inventory # 98/988
- /33/ Inventory card # 98/987 on beet pulp press type FX-2, inventory # 98/987
- /34/ Statement dated 01/10/2004 on acceptance-transmitting of beet pulp press type  $\Gamma$ X-2, inventory # 98/987
- /35/ Inventory card # 98/983 on beet pulp press type FX-2, inventory # 98/983
- /36/ Statement dated 01/10/2004 on acceptance-transmitting of beet pulp press type ΓX-2, inventory # 98/983
- /37/ Inventory card # 98/991 on beet pulp press type FX-2, inventory # 98/991
- /38/ Statement dated 01/10/2004 on acceptance-transmitting of beet pulp press type ΓX-2, inventory # 98/991
- /39/ Inventory card # 98/992 on beet pulp press type FX-2, inventory # 98/992
- /40/ Statement dated 01/10/2004 on acceptance-transmitting of beet pulp press type ΓX-2, inventory # 98/992
- /41/ Inventory card # 98/995 on beet pulp press type ΓX-2, inventory # 98/995
- /42/ Statement dated 01/10/2004 on acceptance-transmitting of beet pulp press type  $\Gamma$ X-2, inventory # 98/995
- /43/ Inventory card # 98/993 on beet pulp press type ΓX-2, inventory # 98/993
- /44/ Statement dated 01/10/2004 on acceptance-transmitting of beet pulp press type ΓX-2, inventory # 98/993
- /45/ Inventory card # 1014 on beet pulp drying wheel type A2-ΠCA, inventory # 1014
- /46/ Inventory card # 1013 on beet pulp drying wheel type A2-ΠCA, inventory # 1013
- /47/ Passport on beet pulp press type GH 2/1, fabrication # 2243
- /48/ Information note on beet pulp drying department operation for the period 2005-2011



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- /49/ Agreement # 520 dated 26/08/2011 on providing measuring equipment calibration services
- /50/ Passport on motor-truck scales, fabrication # 7114 (last calibration date- 20/09/2011
- /51/ Calibration certificate # 02-142 dated 19/09/2010, valid till 20/09/2011, on motor-truck scales PC-60 Микросим 06A, fabrication # 9242/01, issued by Volyn Scientific and Production Centre for Standardization, Metrology and Certification State Enterprise
- /52/ Certificate # UA2.045.05176-10 dated 21/09/2010 on quality management system, issued by the National Certification Authority of Ukraine
- /53/ Attestation certificate # 186 dated 21/07/2010, valid till 20/07/2013 on Gorokhiv Shugar Mill OJSC Laboratory, issued by Volyn Scientific and Production Centre for Standardization, Metrology and Certification State Enterprise
- /54/ Attestation certificate # 182 dated 21/07/2010, valid till 20/07/2013 on Gorokhiv Shugar Mill OJSC Laboratory, issued by Volyn Scientific and Production Centre for Standardization, Metrology and Certification State Enterprise
- /55/ Protocol # 42 dated 12/09/2011 on commission session on health and safety knowledge testing

#### Persons interviewed:

List persons interviewed during the verification or persons that contributed with other information that are not included in the documents listed above.

- /1/ Oksana Andriichuk Chief economist
- /2/ Oleksandr Chaikovskyi Chief engineer
- /3/ Liudmyla Vasynok Acting chief technician
- /4/ Ruslana Suprun Economist
- /5/ Mukhailo Bunda Head of the metrology and automatization department



# VERIFICATION REPORT

# Appendix A: VERIFICATION Protocol

Check list for verification, according to the JOINT IMPLEMENTATION DETERMINATION AND VERIFICATION MANUAL (Version 01)

| DVM<br>Paragraph | Check Item  | Initial finding   | Draft<br>Conclusion     | Final<br>Conclusion |
|------------------|---|---|-------------------------|---------------------|
| Project app      | rovals by Parties involved  |   |                         |                     |
| 90               | Has the DFPs of at least one Party involved, other than the host Party, issued a written project approval when submitting the first verification report to the secretariat for publication in accordance with paragraph 38 of the JI guidelines, at the latest? | Corrective Action Request (CAR) 01 Please provide the Letters of approval of the project.  Corrective Action Request (CAR) 02 Please in the monitoring report provide detailed information about LoAs of JI project issued by the Parties involved.  Corrective Action Request (CAR) 03 | CAR01<br>CAR02<br>CAR03 | ОК                  |
|                  |   | Please specify ITL of the project in the MR.  |                         |                     |
| 91               | Are all the written project approvals by Parties involved unconditional?  | See CAR 01 above  | OK                      | OK                  |
| Project imp      | lementation   |   |                         |                     |
| 92               | Has the project been implemented in accordance with the PDD regarding which the determination has been deemed final and is so listed on the UNFCCC JI website?  | Project is implemented in accordance with the PDD, determination of which is deemed to be final  Corrective Action Request (CAR) 04  Please indicate in the monitoring report the scope of considered JI project.   | CAR04                   | ОК                  |
| 93               | What is the status of operation of the project during the monitoring period?  | Corrective Action Request (CAR) 05 Please correct the length of the monitoring period   | CAR05                   | OK                  |
| Compliance       | with monitoring plan  |   |                         |                     |
| 94               | Did the monitoring occur in accordance with the monitoring plan included in the PDD regarding which the determination has been deemed final and is so listed on the UNFCCC JI website?  | Yes, the monitoring occurs in accordance with the monitoring plan included in the PDD.  | ОК                      | OK                  |



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| DVM<br>Paragraph | Check Item  | Initial finding  | Draft<br>Conclusion | Final Conclusion |
|------------------|---|--|---------------------|------------------|
| 95 (a)           | For calculating the emission reductions or enhancements of net removals, were key factors, e.g. those listed in 23 (b) (i)-(vii) above, influencing the baseline emissions or net removals and the activity level of the project and the emissions or removals as well as risks associated with the project taken into account, as appropriate? | Yes, all relevant key factors were taken into account, as appropriate.   | OK                  | OK               |
| 95 (b)           | Are data sources used for calculating emission reductions or enhancements of net removals clearly identified, reliable and transparent?   | Data sources used for calculating emission reductions or enhancements of net removals are clearly identified, reliable and transparent  Corrective Action Request (CAR) 06  Internet Links #6 is not working. Please make the appropriate changes.                           | CAR06               | OK               |
| 95 (c)           | Are emission factors, including default emission factors, if used for calculating the emission reductions or enhancements of net removals, selected by carefully balancing accuracy and reasonableness, and appropriately justified of the choice?  | Corrective Action Request (CAR) 07 Please indicate the level of measurement error.   | CAR07               | OK               |
| 95 (d)           | Is the calculation of emission reductions or enhancements of net removals based on conservative assumptions and the most plausible scenarios in a transparent manner?   | Yes, the calculation of emission reductions based on conservative assumptions and the most plausible scenarios in a transparent manner  Corrective Action Request (CAR) 08  Please correct equation used by calculate emission reductions, in excel calculation spreadsheet. | CAR 08              | OK               |

Applicable to JI SSC projects only – Not applicable
Applicable to bundled JI SSC projects only – Not applicable



| DVM<br>Paragraph | Check Item  | Initial finding  | Draft<br>Conclusion     | Final<br>Conclusion |
|------------------|---|--|-------------------------|---------------------|
|                  | monitoring plan   | et de la contra de la constitución de la constituci |                         |                     |
| Data manag       | only if monitoring plan is revised by project par   | rticipant – Not applicable   |                         |                     |
| 101 (a)          | Is the implementation of data collection procedures in accordance with the monitoring plan, including the quality control and quality assurance procedures? | Yes, the implementation of data collection procedures is in accordance with the monitoring plan, including the quality control and quality assurance procedures.   | OK                      | OK                  |
| 101 (b)          | Is the function of the monitoring equipment, including its calibration status, in order?  | Corrective Action Request (CAR) 09 Please provide calibration interval for instruments used in the monitoring process  | CAR09<br>CAR10<br>CAR11 | OK                  |
|                  |   | Corrective Action Request (CAR) 10 Please provide passport and calibration certificates that ensure accuracy of measuring in the monitoring period for scales.   |                         |                     |
|                  |   | Corrective Action Request (CAR) 11 Please provide the documental evidences that training of personnel was conducted.   |                         |                     |
| 101 (c)          | Are the evidence and records used for the monitoring maintained in a traceable manner?  | The evidences and records used for the monitoring maintained are in a traceable manner   | OK                      | OK                  |
| 101 (d)          | Is the data collection and management system for the project in accordance with the monitoring plan?  | The data collection and management system for the project is in accordance with the monitoring plan  | CAR12<br>CL01<br>CL02   | OK                  |
|                  |   | Corrective Action Request (CAR) 12 Please provide documented evidence which confirms the data storage during the period as required by UNFCCC JI regulations.  |                         |                     |
|                  |   | Clarification Request (CL) 01 Please provide the report 2-TP "air" for monitoring period of  |                         |                     |



| DVM   | Check Item   | Initial finding   | Draft      | Final      |  |  |
|---|--|---|------------|------------|--|--|
| Paragraph   |  |   | Conclusion | Conclusion |  |  |
|   |  | the project.  |            |            |  |  |
|   |  | Clarification Request (CL) 02 Please use the uniform title of Consultant. |            |            |  |  |
| Verification regarding programmes of activities (additional elements for assessment) – Not applicable |  |   |            |            |  |  |
| Applicable t  | Applicable to sample-based approach only- Not applicable |   |            |            |  |  |

 Table 2
 Resolution of Corrective Action and Clarification Requests

| Draft report clarification and corrective action requests by verification team  | Ref. to<br>checklist<br>question<br>in table 1 | Summary of project participant Verification team conclusion response   |
|---|--|--|
| Corrective Action Request (CAR) 01  | 90   | Based on the documentation   |
| Please provide the Letters of approval of the project.  |  | Copies of Letters are provided to AIE. received, CAR XX is closed.   |
| Corrective Action Request (CAR) 02  Please in the monitoring report provide detailed information about LoAs of JI project issued by the Parties involved. | 90   | Information with LoAs number and date of issuance is described in the monitoring report section A.5.  Issue is closed based on the amendments that were made by MR developers. |
| Corrective Action Request (CAR) 03 Please specify ITL of the project in the MR.   | 90   | Corresponding information was added to the MR. See MR version 2.0  |
| Corrective Action Request (CAR) 04 Please indicate in the monitoring report the scope of considered JI project.   | 92   | Scope 13 relate to JI project. The information provided according to the registered PDD.  Scopes of the project were indicated in the monitoring report. Issue is closed.      |



| Corrective Action Request (CAR) 05 Please correct the length of the monitoring period  | 93      | Length of crediting period was corrected.<br>See MR version 2.0  | Issue is closed   |
|--|---------|--|---|
| Corrective Action Request (CAR) 06 Internet Links 6 is not working. Please make the appropriate changes.   | 95 (b)  | The internet-reference update.   | CAR 06 is closed.   |
| Corrective Action Request (CAR) 07 Please indicate the level of measurement error.   | 95 (c)  | Uncertainty level measuring equipment indicated. See MR version 2.0  | Issue is closed   |
| Corrective Action Request (CAR) 08  Please correct equation used by calculate emission reductions, in excel calculation spreadsheet.                           | 95 (d)  | The equation was corrected in accordance with determination PDD  | The issue is closed.  |
| Corrective Action Request (CAR) 09  Please provide calibration interval for instruments used in the monitoring process   | 101 (b) | Calibration interval is provided.<br>See MR version 2.0  | Issue is closed   |
| Corrective Action Request (CAR) 10 Please provide passport and calibration certificates that ensure accuracy of measuring in the monitoring period for scales. | 101 (b) | Passport and calibration certificates that ensure accuracy of measuring in the monitoring period for scales is provided AIE. | Issue is closed based on the analysis of documentation provided.                      |
| Corrective Action Request (CAR) 11 Please provide the documental evidences that training of personnel was conducted.   | 101 (b) | The documental evidences that training of personnel was conducted according to schedule are provided.                        | Based on the documentation received, CAR 11 is closed.                                |
| Corrective Action Request (CAR) 12 Please provide documented evidence which confirms the data storage during the period as required by UNFCCC JI regulations.  | 101 (d) | Order issued by the project participants was provided to the verification team.  | Issue is closed because the internal document that required data storage was provided |



| Clarification Request (CL) 01                       | 101 (d) |   | Based on the documentation |
|---|---------|---|----------------------------|
| Please provide the report 2-TP "air" for monitoring |         | Reports 2-TP ("air") are provided to AIE. | received, CL 01 is closed. |
| period of the project.                              |         |   |                            |
| Clarification Request (CL) 02                       | 101 (d) | Corrected                                 | Issue is closed            |
| Please use the uniform title of Consultant.         |         | See MR version 2.0                        |                            |