



# JI DETERMINATION REPORT FORM

(version 02)

(to be completed by an AIE requesting the publication of a determination pursuant to paragraph 33 of the JI guidelines)

<b>Accredited independent entity (AIE) submitting form</b>	Bureau Veritas Certification Holding SAS
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## Proposed JI activity

<b>Reference number and title of proposed JI activity</b>	JI0214, Waste heaps dismantling with the aim of decreasing the greenhouse gases emissions into the atmosphere
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<b>Host Party(ies)</b>	Ukraine
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<b>Parties involved in the JI activity</b>	Netherlands
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<b>Coordinating entity (applicable to JI PoA only)</b>	N/A
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<b>Project participants</b>	Limited liability company "Anthracite" Global Carbon BV
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<b>Type of JI activity:</b>	<input checked="" type="checkbox"/> <b>large scale</b> <input type="checkbox"/> <b>small scale</b> <input type="checkbox"/> <b>LULUCF</b> <input type="checkbox"/> <b>PoA</b>
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<b>Brief description of the JI activity</b>	<p>The Project is aimed at coal extraction from the mine's waste heaps near the town of Snizhne, Donetsk Region, Ukraine. This will prevent greenhouse gas emissions into the atmosphere during combustion of the heaps and will contribute an additional amount of coal, without the need for mining. The Project includes the installation of coal extraction units and the grading of the extracted coal. Extracted coal is then sold for heat and power production.</p> <p>Therefore, in the project scenario the coal extracted from the waste heaps will partly substitute the coal from the mine, decreasing fugitive methane emissions, and reduce emissions GHG emissions due to waste heap combustion by extracted all the combustible material from the waste heaps.</p> <p>Once the waste heap has been processed and coal is extracted, the land released from under the waste heap is remediated and returned to the community. The residue after processing, which is mainly barren rock, is used to shape terrain of abandoned open-cast mining sites so that such areas may be used again for development purposes. The technological process is environmentally sound and does not require the use of hazardous materials. Waste heaps are processed with semi-steep separators that use water in a closed cycle as an operating fluid.</p>
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## Determination report

**Please confirm that all requirements of Article 6 of the Kyoto Protocol, the JI guidelines and further relevant requirements defined by the CMP or the JISC with regard to determinations pursuant to paragraph 33 of the JI guidelines are met:**

- Yes**  
 **No**

### General information on determination

Please describe:

- The scope of the determination process, including all documentation that has been reviewed and list the names of persons interviewed during the determination process, as applicable;
- The AIE's determination team, including a list of all persons involved in the determination process and a description of the functions assumed.

The Project Design Document (PDD) submitted by Global Carbon BV and additional background documents related to the project design and baseline, i.e. country Law, Guidelines for Completing the Project Design Document (JI-PDD), Kyoto Protocol, Clarifications on Determination Requirements to be Checked by a Accredited Independent Entity were reviewed.

The documentation that has been reviewed is listed below:

PDD "Waste heaps dismantling with the aim of decreasing the greenhouse gases emissions into the atmosphere", ver. 2.0, dated 01.11.09

PDD "Waste heaps dismantling with the aim of decreasing the greenhouse gases emissions into the atmosphere", ver. 2.1, dated 28.12.09

PDD "Waste heaps dismantling with the aim of decreasing the greenhouse gases emissions into the atmosphere", ver. 2.2, dated 12.01.10

PDD "Waste heaps dismantling with the aim of decreasing the greenhouse gases emissions into the atmosphere", ver. 2.3, dated 15.03.10

PDD "Waste heaps dismantling with the aim of decreasing the greenhouse gases emissions into the atmosphere", ver. 2.4, dated 24.03.10

PDD "Waste heaps dismantling with the aim of decreasing the greenhouse gases emissions into the atmosphere", ver. 2.5, dated 06.04.10

PDD "Waste heaps dismantling with the aim of decreasing the greenhouse gases emissions into the atmosphere", ver. 2.6, dated 25.06.10

PDD "Waste heaps dismantling with the aim of decreasing the greenhouse gases emissions into the atmosphere", ver. 2.7, dated 08.07.10

Decree of Cabinet of Ministers of Ukraine #206, dated 22.02.2006

Guidelines for users Joint of the Implementation Project Design Document Form, ver. 04, JISC

Glossary of JI terms, ver. 02, JISC.

Guidance on criteria for baseline setting and monitoring, ver. 02.

Tool for the demonstration and assessment of additionality, ver. 05.2.

JISC "Clarification regarding the public availability of documents under the verification procedure under the Joint Implementation Supervisory Committee.", ver. 03.

2006 IPCC Guidelines for National Greenhouse Inventories. Energy.

Letter of Endorsement № 911/23/7 dated 12.02.2008 issued by the National Environmental Investments Agency of Ukraine

Letter of Approval № 882/23/7 dated 24.06.2010 issued by the National Environmental Investment Agency of Ukraine

Letter of Approval № 2010JI10 dated 24.04.2010 issued by the NL Agency Ministry of Economic Affairs (The Netherlands)

Report on the fire risk of Donetsk Region's waste heaps, Scientific Research Institute "Respirator", Donetsk, 2009.

Background documents related to the project design and baseline, as well as other reference documents are presented in the Determination Report (licenses, implementation status, personnel competence, operational procedures, equipment, stakeholders' opinion).

The determination findings presented in this report relate to the project as described in the PDD version 2.0, dated 01.11.09, and responses in revised PDD version 2.7 dated 08.07.10.

To address Bureau Veritas Certification corrective action and clarification Global Carbon BV revised the PDD version 2.0 and resubmitted it on 08/07/2010 as version 2.7.

On 18/11/2009 Bureau Veritas Certification performed interviews with project stakeholders to confirm selected information and to resolve issues identified in the document review. Representatives of Limited liability company "Anthracite" and Global Carbon BV were interviewed as informed below:

Gogolev Andrey – director of "Anthracite" LLC

Fartushny Anrey – deputy director in production, "Anthracite" LLC

Kapustin Ivan – chief engineer of "Snizhnyans'ka-1" , "Anthracite" LLC

Slabukhina Marina – economist of "Anthracite" LLC

Treba Svetlana - environmental protection engineer

Savenko Andrey – chief engineer of "Scientific production association "Mekhanik"

Reznik Alexander – innovation development manager of "Scientific production association "Mekhanik"

Shevchenko Nikolay – head sanitary inspector of Snizhne town

Prusakov Denis – developer representative Global Carbon BV

Determination team:

Ivan Sokolov – Team leader , Lead Verifier

Igor Kachan - Team member, Verifier

Kateryna Zinevych – Team member, Verifier

Denis Pishchalov - Team member, Financial Specialist

Ivan Sokolov – Internal Technical Reviewer

### **Description of determination process**

Please briefly describe and refer to:

- The review of the JI PDD/PoA DD and additional documentation attached to it;
- The assessment against JI requirements, e.g. by using a determination protocol;
- The report of findings by the AIE, including the use of different types of findings (e.g. corrective action requests, clarifications or observations etc.).

**Statements or assessments should be included in section "Conclusions, final comments and determination opinion".**

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

In order to ensure transparency, a determination protocol was customized for the project, according to the Determination and Verification Manual (IETA/PCF). The protocol shows, in a transparent manner, criteria (requirements), means of verification and the results from validating the identified criteria. The determination protocol serves the following purposes:

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

The determination protocol consists of four tables.

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

The determination findings for each determination subject are presented as follows:

- 1) The findings of the desk review of the original project design documents and the findings from interviews during the follow up visit are summarized. A more detailed record of these findings can be found in the Determination Protocol in Appendix A.
- 2) Where Bureau Veritas Certification had identified issues that needed clarification or that represented a risk to the fulfilment of the project objectives, a Clarification or Corrective Action request, respectively, have been issued. The Clarification and Corrective Action Requests are stated, where applicable, in the following sections and are further documented in the Determination Protocol in Appendix A.

The conclusions for determination subject are presented.

### **Comments received from Parties, stakeholders and UNFCCC accredited observers**

Please:

- Summarise the comments received pursuant to paragraph 32 of the JI guidelines; and
- Provide a report of how due account was taken of these.

There are no comments from stakeholders.

### **Conclusions, final comments and determination opinion**

Please provide:

- Conclusions describing how each of the requirements of Article 6 of the Kyoto Protocol and the JI guidelines and further relevant requirements defined by the CMP or the JISC, in particular those referred to in paragraph 33 of the JI guidelines, have been met, including assessments and findings (e.g. corrective action requests, clarifications or observations) related to each requirement, and statements on whether all issues raised have been addressed to the AIE's satisfaction;
- Final comments and a determination opinion.

Bureau Veritas Certification has performed a determination of the "Waste heaps dismantling with the aim of decreasing the greenhouse gases emissions into the atmosphere" Project in Ukraine. The determination 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 determination consisted of the following three phases: i) a desk review of the project design and the baseline and monitoring plan; ii) follow-up interviews with project stakeholders; iii) the resolution of outstanding issues and the issuance of the final determination report and opinion.

Project participant/s used the latest tool for demonstration of the additionality. In line with this tool, the PDD provides analysis of technological and other barriers to determine that the project activity itself is not the baseline scenario.

An analysis of the barriers demonstrates that the proposed project activity is not a likely baseline scenario. Emission reductions attributable to the project are hence additional to any that would occur in the absence of the project activity. Given that the project is implemented and maintained as designed, the project is likely to achieve the estimated amount of emission reductions.

The review of the project design documentation (version 2.7) and the follow-up interviews have provided Bureau Veritas Certification with sufficient evidence to determine the fulfillment of stated criteria. In our opinion, the project correctly applies and meets the relevant UNFCCC requirements for the JI and the relevant host country criteria.

The determination is based on the information made available to us and the engagement conditions detailed in this report.

### **List of documents attached to the determination report form**

Please attach relevant documents used in the determination process and check mark below accordingly

- PDD/PoA DD of the proposed JI activity**
- Determination report**
- Written approvals by the Parties involved, listed in the JI PDD/PoA DD**
- Other relevant documents:**
  - Determination protocol**
  - List of persons interviewed**
  - Any other documents (please list): financial indicators calculations.**

**The AIE herewith declares that undertaking the determination for the proposed JI activity referred to above does not constitute a conflict of interest which is incompatible with the role of an AIE**

**Authorized officer signing for the AIE**

**Ivan Sokolov**

**Date and signature**

**08.07.2010**