



AIE REPORT FORM

(version 04)

(to be completed by an AIE requesting the publication of a determination pursuant to paragraph 37 of the JI guidelines)

Accredited independent entity (AIE) submitting form TÜV Rheinland (China) Ltd. (TÜV Rheinland)

JI activity

Reference number and title of JI activity 0289
Implementation of energy-efficient lighting system in the Donetsk Region with the use of Kyoto Protocol mechanism: replacement of incandescent lamps with energy-efficient ones at budget financed and social entities in the Artemivsk town (under Track 2)

Parties involved in the JI activity

- Ukraine (host Party);
- The Netherlands

Project participants

- Artemivsk Town Council
- Carbon Futures LLP

Coordinating entity (applicable to JI PoA only) N/A

Type of JI activity: large-scale small-scale LULUCF PoA

Emission reductions/Enhancements of removals

Monitoring period(s) (DD/MM/YYYY - DD/MM/YYYY) 07/02/2011 – 31/08/2012

Verified reductions in anthropogenic emissions by sources/enhancements of anthropogenic removals by sinks (tonnes of CO₂ eq.) 4 070 tonnes of CO₂ eq.

The present verification is the first with regard to the JI activity Yes No

Applicable to JI PoA only	Verification period (DD/MM/YYYY-DD/MM/YYYY)	<input checked="" type="checkbox"/> N/A
	Reference number of JPAs verified	<input checked="" type="checkbox"/> N/A
	Sampling approach used to verify the PoA	<input checked="" type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No

Statements regarding requirements and possible changes

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 verifications pursuant to paragraph 37 of the JI guidelines are met:

Yes
 No

Verification opinion

Please provide a verification opinion (or a reference to the verification opinion in one of the documents attached), including a statement regarding materiality and level of assurance, in accordance with the Standard for applying the concept of materiality in verifications

TÜV Rheinland (China) Ltd. (TÜV Rheinland) has performed the initial and first periodic verification of the emission reductions generated by the JI SSC project “Implementation of energy-efficient lighting system in the Donetsk Region with the use of Kyoto Protocol mechanism: replacement of incandescent lamps with energy-efficient ones at budget financed and social entities in the Artemivsk town (under Track 2)” (ITL Project ID UA2000047) for the period from the 07/02/2011 till the 31/08/2012.

The project participants are responsible for the collection of data in accordance with the monitoring plan and the reporting of GHG emission reductions generated by the project.

It is responsibility of TÜV Rheinland (China) Ltd. (TÜV Rheinland) to express an independent verification opinion - conclusion on the verified amount of emission reductions generated by the project and reported by the project participants through the monitoring report, version 03 dated 07/02/2013.

TÜV Rheinland (China) Ltd. (TÜV Rheinland) has assessed the monitoring report on the basis of the revised monitoring plan, revision 01.1 dated 07/02/2013 contained in Annex 1 to the monitoring report, version 03 dated 07/02/2013.

The verification included the assessment of:

- project implementation in accordance with the Project Design Document (PDD);
- compliance with the monitoring plan;
- calculation of emission reductions and expression of a conclusion with a reasonable level of assurance about whether the reported GHG emission reductions data are accurate and free of material errors, omissions, or misstatements;
- quality and management of data and verification that reported GHG emission reductions data is sufficiently supported by evidence.

TÜV Rheinland (China) Ltd. (TÜV Rheinland) verification approach draws on an understanding of the risks associated with reporting of GHG emission data and the controls in place to mitigate these. TÜV Rheinland (China) Ltd. (TÜV Rheinland) planned and performed the verification by obtaining evidence and other information and explanations that TÜV Rheinland (China) Ltd. (TÜV Rheinland) considers necessary to give reasonable assurance that reported GHG emission reductions are fairly stated, accurate and free of material errors, omissions, or misstatements.

In TÜV Rheinland’s (China) Ltd. (TÜV Rheinland) opinion the GHG emission reductions generated by the JI SSC project “Implementation of energy-efficient lighting system in the Donetsk Region with the use of Kyoto Protocol mechanism: replacement of incandescent lamps with energy-efficient ones at budget financed and social entities in the Artemivsk town (under Track 2)” (ITL Project ID UA2000047) for the period from the 07/02/2011 till the 31/08/2012 are fairly stated, accurate and free of material errors, omissions, or misstatements in the monitoring report, version 03 dated 07/02/2013.

The GHG emission reductions were calculated correctly on the basis of the revised monitoring plan, revision 01.1 dated 07/02/2013.

TÜV Rheinland (China) Ltd. (TÜV Rheinland) is able to verify that the emission reductions generated by the JI SSC project “Implementation of energy-efficient lighting system in the Donetsk Region with the use of Kyoto Protocol mechanism: replacement of incandescent lamps with energy-efficient ones at budget financed and social entities in the Artemivsk town (under Track 2)” (ITL Project ID UA2000047) for the period from the 07/02/2011 till the 31/08/2012 amount to 4 070 tonnes of CO₂ equivalent.

The <u>project design</u> was revised in the current monitoring period, after the determination has been deemed final	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If yes, please <u>list all revisions</u> to the project design and express a determination opinion (or provide a reference to an attached document containing the required information)	<input checked="" type="checkbox"/> N/A	
If project design was revised in the current monitoring period, <u>please confirm</u> that conditions defined in JI guidelines (paragraph 33) are still met	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No
If project design was revised in the current monitoring period, <u>please confirm</u> that the changes do not alter the original determination opinion	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No

If project design was revised in the current monitoring period, please confirm that:			
(a) Physical location of the project has not changed	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(b) If emission sources have changed, they are reflected in an updated monitoring plan	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(c) Baseline scenario has not changed	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(d) Changes are consistent with JI specific approach or CDM methodology upon which the determination was prepared for the project	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No
The <u>monitoring plan</u> was revised in the current monitoring period	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
<i>If yes, please specify for which technologies and measures under each type of JPA the monitoring plan was revised (applicable to JI PoA only)</i>			
The current <u>revisions to the monitoring plan</u> improve the accuracy and/or applicability of information collected, compared to the original monitoring plan without changing conformity with the relevant rules and regulations for establishing monitoring plans	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
List of documents attached to the verification report form			
Please attach relevant documents used in the verification process and mark below accordingly			
<input checked="" type="checkbox"/> Verification report <input type="checkbox"/> Written approvals by the Parties involved, if applicable <input checked="" type="checkbox"/> Other relevant documents: <ul style="list-style-type: none"> <input type="checkbox"/> Document listing all revisions to the project design, if applicable <input type="checkbox"/> Determination that the revisions to the <u>project design</u>, if applicable, do not alter the original determination opinion and that the conditions defined by paragraph 33 of the JI guidelines are still met <input checked="" type="checkbox"/> Revised monitoring plan, if applicable <input checked="" type="checkbox"/> Determination that the revisions to the <u>monitoring plan</u>, if applicable, improve the accuracy and/or applicability of information collected, compared to the original monitoring plan without changing conformity with relevant rules and regulations for establishing monitoring plans <input type="checkbox"/> Sampling plan, if applicable (JI PoA only) <input checked="" type="checkbox"/> Any other documents (please list): Emission reduction calculation spreadsheet, document of MS Excel format 			
The AIE herewith declares that undertaking the verification for the JI activity referred to above does not constitute a conflict of interest which is incompatible with the role of an AIE			
Operational manager signing for the AIE	Mr. Praveen N. Urs - DOE/ AIE Manager		
Date and signature	08/02/2013 		