



JI DETERMINATION REPORT FORM (F-JI-DRep) - Version 01

(By submitting this form, an accredited independent entity requests the publication of a determination pursuant to paragraph 33 of the JI guidelines in accordance with paragraph 34 of the JI guidelines.)

Name of accredited independent entity (AIE)	TÜV SÜD
P r o p o s e d J I P r o j e c t	
Title and reference number of project	Lapes Landfill Gas Utilization and Energy Generation, reference number 0049
Host Party(ies)	Republic of Lithuania
Parties involved in the project	Kingdom of Sweden
(Authorised) project participants	UAB „Ekoresursai“ / Nordic Environment Finance Corporation (NEFCO)
Small-scale project (yes/no)	no
Brief description of project	
UAB “Ekoresursai”, a private Lithuanian company, is proposing the Lapes Landfill Gas Utilization and Energy Generation Project as a Joint Implementation project. The objective of the project is to use landfill gas extracted from the Lapes landfill site for heat and power generation in a combined heat and power (CHP) plant to be constructed. This will significantly reduce methane emissions from the landfill. Substituting landfill gas for fossil fuels in heat and power generation will also reduce CO2 emissions in the Lithuanian energy sector.	
D e t e r m i n a t i o n r e p o r t	
General information on determination	

➤ **Determination scope:**

The determination scope is defined as an independent and objective review of the project design document (PDD), the project's baseline study and monitoring plan and other relevant documents. The information in these documents is reviewed against Kyoto Protocol requirements, UNFCCC rules and associated interpretations. TÜV SÜD has employed a risk-based approach in the determination, focusing on the identification of significant risks for project implementation and the generation of ERUs.

➤ **Interviewed persons:**

Gerardas Zukauskas, Ekoresursai
Dr. Andrius Tamosiunas, Stream Green
Jolanta Zalt kauskienė, Head of the GHG Registry
Petras Ciegis, General Director
Juozas Yla, Director
Algirdas Vaitiekunas

➤ **AIE's determination team**

Assessment Team Leader:

- Klaus Nürnberger

Assessment Team Members:

- Madis Maddison (GHG Auditor, Environmental Management Systems (ISO 14001), Local expert)
- Sergio Degener (GHG auditor)
- Dr. Albert Geiger (GHG auditor)

Veto Person:

- Robert Scharpenberg
- Javier Castro (Head of Certification Body till end of 2008)

Responsible Certification Body Members:

- Thomas Kleiser
- Rachel Zhang

Documentation that has been reviewed: see annex 2 of determination report

Description of determination process

- A first PDD (final draft version, March 2007) were submitted to TÜV SÜD by Ekoresursai on March 2007. As a result of the onsite-assessment the PDD was revised and sent to TÜV SÜD on April, 2007 for publishing on the TÜV SÜD website www.netinform.net and on JISC-website. After given comments from TÜV SÜD a renewed PDD-version was submitted to the AIE which served as the basis of this determination report.). After having received the Approvals of Host and Investor Countries the report has been revised finally. The assessment against JI requirements, e.g. by using a determination protocol;
- In order to ensure transparency, a determination protocol was customised for the project. 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 organises, details and clarifies the requirements a JI project is expected to meet; • It ensures a transparent determination process where TÜV SÜD has documented how a particular requirement has been validated and the result of the determination. The determination protocol for this project consists of three tables. The completed determination protocol is enclosed in Appendix 1 to the determination report.

Regarding findings by the AIE, including the use of different types of findings, please see determination report enclosed.

Comments received from Parties, stakeholders and UNFCCC accredited observers

TÜV SÜD started to publish the PDD and the baseline study on its homepage and on the UNFCCC JI project site on April 19, 2007 and was open for comments until May 18, 2007.

Within this period no comments have been received.

Conclusions, final comments and determination opinion

TÜV SÜD has performed a determination of the "Lapes Landfill Gas Utilization and Energy Generation". The determination was performed on the basis of UNFCCC criteria as well as criteria given to provide for consistent project operations, monitoring and reporting.

The review of the project design documentation and the subsequent follow-up interviews have provided TÜV SÜD with sufficient evidence to determine the fulfilment of stated criteria. In our opinion, the project itself meets all relevant UNFCCC requirements for JI.

By the utilization of LFG Gas for heat and power generation the project results in reductions of CO2 emissions that are real, measurable and give long-term benefits to the mitigation of climate change.

The eligibility criterion regarding National JI-Guidelines of the host country is meanwhile fulfilled. The Letters of Approval of host and investor country are issued.

The determination is based on the experience of our own onsite visit and on the information made available to us and the engagement conditions detailed in this report. TÜV SÜD can not guarantee the accuracy or correctness of this information. Hence, TÜV SÜD can not be held liable by any party for decisions made or not made based on the determination opinion."

All requirements of Article 6 of the Kyoto Protocol and the JI guidelines and further relevant requirements defined by the COP/MOP or the JISC with regard to determinations pursuant to paragraph 33 of the JI guidelines are met:

Yes

List of documents attached to the determination report

- JI PDD of the project**
- Written approval by the Host Party involved**
- Other documents:**
 - Determination protocol**
 - List of persons interviewed**
 - Any other documents (please list):**
 - Enclosure 1 – Baseline calculation (Corrected Baseline 2008-05-23.xls)
 - Enclosure 2 – IRR-calculation and sensitivity analysis (Lapes_IRR_final_090322.xls)
 - Enclosure 3 – LAPES_Ekoresursai_Loan_Letter_090708_signed.pdf
 - Enclosure 4 – LAPES_NEFCO_Loan_Letter_090626_signed.pdf

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

Name of authorized officer signing for the AIE

Date and signature

11/11/2009

