



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 Industrie Service GmbH
Proposed JI Project	
Title and reference number of project	Nitrous Oxide Emission Reduction Project at GP Nitric Acid Plant in AB Achema Fertiliser Factory (0064)
Host Party(ies)	Lithuania
Parties involved in the project	AB Achema
(Authorised) project participants	AB Achema
Small-scale project (yes/no)	no
Brief description of project	
The objective of this project is to reduce N ₂ O emissions from Achema GP (Grande Paroisse) nitric acid production aggregate by utilizing secondary catalyst technology that converts N ₂ O into Oxygen (O ₂) and Nitrogen (N ₂) - zero global warming potential gases. BASF technology of catalytic destruction will be used for this purpose. Project activity will not affect other emissions such as NO _x or nitric acid production.	
Determination report	
General information on determination	
(Please describe:	
<ul style="list-style-type: none">➤ The scope of the determination process, including all documentation that has been reviewed and 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.)	
<ul style="list-style-type: none">➤ 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.	
<ul style="list-style-type: none">➤ Interviewed persons: Mr Vaidotas Kuodyds, C.E.O., UAB COWI Baltic, project manager. Mr Juozas Tunaitis, AB Achema, Technical director. Mr Andrejus Sostakas, AB Achema, manager of innovation center Mr Tadas Kastanauskas, UAB Konzernas Achemas Grupe, ecologist Mr Ramunas Pilsudskas, AB Achema, deputy hand of nitric acid plant Mr Stasys Pakstys, AB Achema, instrumentation department managing engineer	
<ul style="list-style-type: none">➤ AIE's determination team Mr Nikolaus Kröger, TÜV SÜD, ghg lead auditor, technical expert (on-site mission) Mr Thomas Kleiser, TÜV SÜD, assessment team leader (backoffice HQ)	
<ul style="list-style-type: none">➤ Documentation that has been reviewed: see annex 2 of determination report	
Description of determination process	
(Please refer to:	
<ul style="list-style-type: none">➤ The review of the JI PDD 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" below.)	

- A first PDD (1. version June 2007) was submitted to TÜV SÜD by Ekostrategija on June 29, 2007 for publishing on the TÜV SÜD website www.netinform.net. This happened on July 3, 2007. This version is the basis of this determination report. In the period of July 3~4, 2007 TÜV SÜD performed interviews on-site with project stakeholders to confirm selected information and to resolve issues identified in the first document review. The on-site visit, the desk review comments and review of additional documents led to changes in the PDD, resulting in final version of the PDD (December 2008).
- 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.
- The report of findings by the AIE, including the use of different types of findings (e.g. corrective action requests, clarifications or observations etc.).

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.)

TÜV SÜD started publishing of the PDD on its homepage and on the UNFCCC JI project site on July 3, 2007 and was open for comments until August 1, 2007.

One comment has been received. The comment is related to the legal requirements for nitric acid plants in Lithuania with consideration of the European requirements, and asks for a reference to the IPPC- Directive 96/61/EC.

The comment was submitted by

Dr. Karsten Karschunke

Umweltbundesamt Deutsche Emissionshandels-stelle (DEHSt) Verfahrenssteuerung, Qualitätssicherung, JI/CDM
Federal Republic of Germany

The issues raised and responses by TÜV SÜD are discussed in Final Determination Report attached.

Conclusions, final comments and determination opinion

(The 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 have to be met.

Please provide:

- Conclusions on each of these requirements, describing how these requirements, 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.)

TÜV SÜD has performed a determination of the "Nitrous Oxide Emission Reduction Project at GP Nitric Acid Plant in AB Achema Fertilizer Factory". 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 utilizing secondary catalyst technology at the nitric acid plant 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 Letter of Approval of host country is 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 cannot guarantee the accuracy or correctness of this information. Hence, TÜV SÜD cannot 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**
 No

List of documents attached to the determination report

(Please attach:

- ✓ The JI PDD of the project;
- ✓ Written approvals by all Parties involved in an alphabetical order; and
- ✓ Other relevant documents, e.g. any determination protocol used in the determination process, a list of persons interviewed by the AIE's determination team during the determination process; and check mark below accordingly.)

- JI PDD of the project**
- Written approvals by the Parties involved**
- Other documents:**
- Determination protocol**
 - List of persons interviewed** see Annex 2 of the Final Determination Report
 - Any other documents** (please list): no other documentation

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

Manja Welzel

Date and signature

2009-05-14

