

 CDM Project Activity Registration and Validation Report Form <i>(By submitting this form, designated operational entity confirms that the proposed CDM project activity meets all validation and registration requirements and thereby requests its registration)</i>	
Section 1: Request for registration	
Name of the designated operational entity (DOE) submitting this form	Det Norske Veritas Certification Ltd. (DVN)
Title of the proposed CDM project activity (Section A.2 of the attached CDM-PDD) submitted for registration	Antonio Moran Wind Power Plant Project in Patagonia Region, Argentina
Project participants (Name(s))	- Pacific Consultants International (authorized by Japan) - Sociedad Cooperativa Popular Limitada de Comodoro Rivadavia (authorized by Argentina)
Sector in which project activity falls	Energy Industries
Is the proposed project activity a small-scale activity?	<u>Yes</u> / No (<i>underline as applicable</i>)
Section 2: Validation report	
List of documents to be attached to this validation report (please check mark):	
<ul style="list-style-type: none"> <input checked="" type="checkbox"/> The CDM-PDD of the project activity <input checked="" type="checkbox"/> An explanation by the submitting designated operational entity of how it has taken due account of comments on validation requirements received, in accordance with the CDM modalities and procedures, from Parties, stakeholders and UNFCCC accredited non-governmental organizations (Note: Included in Validation Report (DNU Report 2005-1118, rev. 01)); <input checked="" type="checkbox"/> The written approval of voluntary participation from the designated national authority of each Party involved, including confirmation by the host Party that the project activity assists it in achieving sustainable development: <ul style="list-style-type: none"> <input type="checkbox"/> Letter of Approval by the DNA of Argentina <input type="checkbox"/> Letter of Approval by the DNA of Japan <input checked="" type="checkbox"/> Other documents, including any validation protocol used in the validation <ul style="list-style-type: none"> <input type="checkbox"/> Validation Report (DNU Report 2005-1118, rev. 01), including a validation protocol and a list of persons interviewed by the validation team during the validation process <input checked="" type="checkbox"/> Information on when and how the above validation report is made publicly available. <input checked="" type="checkbox"/> Banking information on the payment of the non-reimbursable registration fee. <input checked="" type="checkbox"/> A statement signed by all project participants stipulating the modalities of communicating with the Executive Board and the secretariat in particular with regard to instructions regarding allocations of CERs at issuance 	

Executive Summary and Introduction, including

- **Description of the proposed CDM project activity**
- **Scope of validation process (include all documentation that has been reviewed and name persons that have been interviewed as part of the validation, as applicable)**
- **DOE Validation team (list of all persons involved in the validation, describing functions assumed in the validation)**

The “Antonio Moran Wind Power Plant Project in Patagonia Region, Argentina” project is a wind power project with a capacity of 10.56 MW, which consists of 16 units of 660 kW generators. Sociedad Cooperativa Popular Limitada de Comodoro Rivadavia (SCPLCR), a project participant of Argentina, intends to distribute the electricity produced by this power plant to the Patagonia grid in Argentina. The plant has been in operation from 2001 and the chronological of the decision making of the implementation of the project assured the additionality of the project. The project is expected to reduce GHG emission of 26 928 tCO₂e per year.

The validation scope was as an independent and objective review of the project design document (PDD). The PDD is reviewed against the criteria stated in Article 12 of the Kyoto Protocol, the CDM modalities and procedures as agreed in the Marrakech Accords, the criteria contained in the approved baseline and monitoring methodology AMS-I.D. and the relevant decisions by the CDM Executive Board. The validation team has, based on the recommendation in the IETA/PCF Validation and Verification Manual, employed a risk-based approach, focusing on the identification of significant risks for the project implementation and the generation of CERs.

The following documents were assessed:

Pacific consultants international, SS-CDM PDD for “Antonio Moran Wind Power Plant Project in Patagonia Region, Argentina”, April 2005 (version 1.1), May 2005 (version 1.3) and September 2005 (version 1.4), respectively.

Letter of Approval from Argentinean DNA, 19 July 2005.

Letter of Approval from the Japanese DNA, 27 October 2005.

Rawson, Chubut, Rep. Argentina, Estudio de Impacto Ambiental “Ampliacion Parque Eolico Antonio Moran” (EIA), October 2000.

Pacific consultants international, Preliminary screening based on the starting date of the project (Record of the meeting held on 2nd June 1999, 4th May 2000 and official letter to DNA issued on 5th July 2001), Confidential, 30 November 2004

CAMMESA, Argentine Wholesale Electricity Market Annual Report 1999, March 2000

World Bank and IETA, Validation and Verification Manual, at www.vvmanual.info

UNFCCC, Appendix B of the simplified modalities and procedures for small-scale CDM project activities: Indicative simplified baseline and monitoring methodologies for selected small-scale CDM project activity categories. Version 06: 30 September 2005.

The following persons were interviewed:

Mr. Masahiko Fujimoto, Planning Department, Pacific consultants international

Mr. Kenji Asakawa, Planning Department, Pacific consultants international

Mr. Tetsuya Yoshida, Energy & Environment Department, Pacific consultants international

Mr. Nazareno Castillo Marin, Oficina Argentina del Mecanismo para un Desarrollo Limpio (DNA)

Mr. Manuel Martins, President of SCPLCR

Mr. Guillermo Jones, Treasurer, SCPLCR

Mr. Bruno Stange, General Manager, SCPLCR

Mr. Pedro Luis Ceragioli, Technical and Operation Manager, SCPLCR
 Mr. Pablo Ortega, Administrative Manager, SCPLCR
 Mr. Claudio Jordana, Legal and Corporative Manager, SCPLCR
 Mr. Carlos Simurro, Consultant, SCPLCR
 Ms. Alicia M. Baragatti, National Director, Secretary of Energy of Argentina

The validation team consisted of the following personnel:

Mr Tsuyoshi Nakao	DNV Certification Yokohama	Team Leader
Mr Edgardo Devoto	DNV Certification Buenos Aires	GHG auditor
Mr Einar Telnes	DNV Certification Oslo	Technical reviewer

For further details, please refer to the "Introduction" and "References" Section of DNV's Validation Report (DNV Report 2005-1118, rev. 01).

Description of methodology for carrying out validation

- **Review of CDM-PDD and additional documentation attached to it**
- **Assessment against CDM requirements (e.g. by use of a validation protocol)**
- **Report of findings by the DOE, e.g. by use of type of findings (e.g. corrective action requests, clarifications or observations). Please explain the way findings are "labelled" during validation.**
- **Include statements or assessments in the section "Conclusions, final comments and validation opinion" below.**

The validation of the project consisted of the following three phases:

- i) a desk review of the project design document (April 2005)
- II follow-up interviews with project stakeholders (April-August 2005)
- III the resolution of outstanding issues and the issuance of the final validation report and opinion (September-November 2005)

The Project Design Document by PCI (version 1.1 of April 2005, version 1.3 of May 2005 and version 1.4 of September 2005) and additional background documents related to the project design and baseline were reviewed. In the period of 21 April 2005 to 29 August 2005, DNV performed interviews with project stakeholders to confirm selected information and to resolve issues identified in the document review.

In order to ensure transparency, a validation protocol has been customized for the project, according to the Validation and Verification Manual. The protocol shows, in a transparent manner, criteria (requirements), means of verification and the results from validation the identified criteria.

Findings established during the validation can either be seen as a non- fulfilment of validation criteria or where a risk to the fulfilment of project objectives is identified. Such findings are termed Corrective Action Requests (CAR). The term Clarification may be used where additional information is needed to fully clarify an issue.

The Corrective Action Request and request for Clarification raised by DNV were resolved through communications with the project participants. To guarantee the transparency of the validation process, the concerns raised by DNV and the response provided by the project participants are documented in Table 3 of the Validation Protocol in Appendix A to the Validation Report (DNV Report 2005-1118, rev. 01).

For further details, please refer to the "Methodology" Section of DNV's Validation Report (DNV Report 2005-1118, rev. 01) and the IETA/PCF Validation and Verification Manual

(www.vvmanual.info).

Explanation by the submitting designated operational entity of how it has taken due account of comments on validation requirements received, in accordance with the CDM modalities and procedures, from Parties, stakeholders and UNFCCC accredited non-governmental organizations;

- **Description of how and when the PDD was made publicly available**
- **Description of how comments were received and made publicly available**
- **Explanation of how due account has been taken of comments received**
- **Compilation of all comments received (Identify the submitter)**

The PDD of 16 May 2005 was published on DNV's climate change website, and Parties, stakeholders and NGOs were through the CDM website invited to provide comments on the validation requirement during a period of 30 days from 5 June 2005 to 4 July 2005.

No comments were received.

Conclusions, final comments and validation opinion

- **Provide conclusions on each requirement under paragraph 37 of the CDM modalities and procedures, describing how these requirements have been met. This shall include assessments and findings (e.g. corrective action requests, clarifications or observations) in relation to each requirement, including a confirmation that all issues raised have been addressed to the satisfaction of the DOE.**
- **Final comments and validation opinion**

Det Norske Veritas Certification Ltd. (DNV Certification) has performed a validation of the Antonio Moran Wind Power Plant Project in Patagonia Region, Argentina. The validation was performed on the basis of UNFCCC criteria and host country criteria, as well as criteria given to provide for consistent project operations, monitoring and reporting.

The host Party is Argentina and the Annex I Party is Japan. Both Parties fulfil the participation criteria and the DNAs have approved the project and authorized the project participants. The DNA of Argentina confirmed the project's contribution to sustainable development in Argentina.

Being a renewable energy project activity with an output capacity of less than 15 MW, the project is a "Renewable electricity generation for a grid project activity" (Type I.D) as defined in the simplified modalities and procedures for small-scale CDM project activities. The maximum output capacity is 10.56 MW and the project is thus qualified as a small scale project activity of category I.D.

An analysis of the investment 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. The determination of the baseline is transparent. The selected business as usual baseline represents a likely baseline scenario and complies with the baseline proposed for category I.D project activities.

The project applies the simplified monitoring methodology proposed for category I.D project activities. The monitoring plan provides for the monitoring of the main project and baseline emissions indicators. Detailed responsibilities and authorities for project management, procedures for monitoring and reporting, and QA/QC procedures are described and allow for consistent subsequent verifications of emission reductions.

By displacing fossil-based fuel electricity with the wind power generated by the project, the project results in reductions of CO₂ emissions that are real, measurable and give long-term benefits to the mitigation of climate change. Given that the project is implemented as outlined in the PDD, the project is likely to achieve the estimated amount of emission reductions.

An EIA has been conducted in October 2000 and was approved by the Chubut Government. The

local stakeholder consultation process was carried out according to the EIA law.

In summary, it is the validation team's opinion that the "Antonio Moran Wind Power Plant Project in the Patagonia Region, Argentina" project, as described in the project design document of 26 September 2005, meets all relevant UNFCCC requirements for the CDM and all relevant host country criteria and correctly applies the simplified baseline and monitoring methodology for type I.D small-scale CDM project activities. Hence, DNV requests the registration of the "Antonio Moran Wind Power Plant Project in the Patagonia Region, Argentina" project as a CDM project.

For further details, please refer to the "Validation Findings" Section and Table 1 of the Validation Protocol in Appendix A of DNV's Validation Report (DNV Report 2005-1118, rev. 01).

The DOE declares herewith that in undertaking the validation of this proposed CDM project activity it has no financial interest related to the proposed CDM project activity and that undertaking such a validation does not constitute a conflict of interest which is incompatible with the role of a DOE under the CDM.

By submitting this validation report, the DOE confirms that all validation requirements are met.

Name of authorized officer signing for the DOE Mari Grooss Viddal

Date and signature for the DOE

11 November 2005

Mari Grooss Viddal

Section below to be filled by UNFCCC secretariat

Date when the form is received at UNFCCC secretariat

Date at which the registration fee has been received

Date at which registration shall be deemed final

Date of request for review, if applicable

Date and number of registration

Date

Number