



**CDM Proposed specific renewable technologies/  
measures recommendation form  
(Version 01.1)**

<b>Submitting DNA:</b>	Uruguay
<b>Title/version of the EB guideline/procedure this submission relates to:</b>	Guidelines for demonstrating additionality of microscale project activities, Version 03 (EB 63 - Annex 23)
<b>Contact Information:</b> <i>(name of person or office, e-mail addresses and phone contacts)</i>	Climate Change Unit/ National Directorate of Environment.  Ministry of Housing, Land Planning and Environment.  E-mail: <a href="mailto:lsantos@cambioclimatico.gub.uy">lsantos@cambioclimatico.gub.uy</a>  +598 2917 0710 Ext:4309
<b>Summary of the proposal:</b>	
<p>This proposal for automatic additionality of renewable energy technologies (RET) for microscale projects refers to Guidelines for demonstrating additionality of Microscale Project Activities (EB 63- Annex 23) and to Procedure for Submission and Consideration of Microscale Renewable Energy Technologies for Automatic Additionality (EB 65, Annex 33). Based on information derived from the Ministry of Energy (MIEM) and from the Administration of the Electrical Market (ADME), Uruguay meets the requirements to recommend the following renewable energy technologies:</p> <p>Hydro, Wind, Solar PV, Renewable Biomass, Geothermal, Marine;</p> <p>some of which are being implemented already in the country while others are not.</p> <p>In particular, project activities up to 5 MW employing RET are additional, in this case, following item “d” of the mentioned Guidelines.</p> <p>Information presented in the attached file “PotencialInstaladaYGeneradoresUruguay.xls” refers to the last 3 years period and it is available from the National Directorate of Energy, Ministry of Energy and the Administration of Power Market of Uruguay, 2011.</p> <p>Finally, this form is sent according to the Procedure for Submission mentioned above.</p> <p><b>Additional clarification requested 20-Apr-12:</b></p> <p>This is with reference to your submission on the proposal for automatic additionality of renewable energy technologies (RET) for microscale projects in Uruguay.</p> <p>In accordance with section IV and paragraph 10 of "Submission and consideration of microscale renewable energy technologies for automatic additionality", &lt;<a href="http://cdm.unfccc.int/Reference/Procedures/methSSC_proc04.pdf">http://cdm.unfccc.int/Reference/Procedures/methSSC_proc04.pdf</a> &gt;, you are requested to provide additional information as outlined below to facilitate the consideration of your submission:</p> <p>1. With reference to Table 1, column A of your submission form, a further clarification is required on how the total installed capacity of renewable energy technologies of less than or equal to 5MW with respect to the data from MIEM and ADME presented in “PotencialInstaladaYGeneradoresUruguay.xls” are derived. You may wish to provide a separate excel table (with links to data from MIEM/ADME) to show total installed capacity by each renewable energy technology of less than or equal to 5MW.</p>	

**DNA response submitted 07-May-12:**

1. The excel file attached shows the information related to column "A", Table 1, file: "Uruguay DNA Submission May072012.pdf". An additional sheet (SolarMicroGen) was added to the file to show solar power generation. Additional explanations have been made in the excel tables to show the correspondence with the column "A" of the mentioned pdf file attached. And in the pdf file it has been referenced as well.
2. As per "PotencialInstaladaYGeneradoresUruguay.xls", it seems that values shown in column B of Table 1 of the submission form refers to year 2011; however it is not clear whether the values reported in column A of the same table also refer to the same year. Please clarify.
2. In fact, the data is considered for year 2011.
3. With respect to paragraph 2(d)(i) of the "Guidelines for the demonstration of additionality of microscale project activities", please note that in the specific case of wind energy technology, all the wind installations in the country shall be considered for the analysis, irrespective of the size of the wind farm, in order to derive the percentage share of wind technologies in the total installed capacity of grid connected electricity generation technologies. Please refer to paragraph 37 of the meeting report of the thirty-sixth small-scale working group (SSC WG) <[http://cdm.unfccc.int/Panels/ssc\\_wg](http://cdm.unfccc.int/Panels/ssc_wg)> and paragraph c (ii) and footnote 1 of the SSC WG recommendation to the submission by the DNA of the Republic of Chili (PRT\_002) available at <<http://cdm.unfccc.int/DNA/submissions/index.html>>.
3. In this case, and following the mentioned guidelines, all the wind installations in the country are being considered for the analysis.
4. It is mentioned in the submission that some of the proposed renewable energy technologies are already being implemented in the country while others are not. Please indicate which technologies are being implemented and which are not.
4. This has been detailed in the form.
5. Please note that the following electricity generation technologies of installed capacity of up to 15MW are already included in the positive list of grid-connected renewable electricity generation technologies that are automatically defined as additional: (a) Solar technologies (photovoltaic and solar thermal electricity generation); (b) Offshore wind technologies; and (c) Marine technologies (wave, tidal). Therefore, these technologies need not be recommended under the scope of the "Guidelines for demonstrating additionality of microscale project activities."
5. This has been considered.
6. We would appreciate your providing all information/texts in English, for example in "PotencialInstaladaYGeneradoresUruguay.xls."
6. The excel file has been translated.

**Additional clarification requested 03 June-12 following** section V and paragraph 19 of the "Procedure for submission and consideration of microscale renewable energy technologies for automatic additionality":

Please confirm that the data reported in the Table 1 of the submission form also covers all renewable energy projects in the CDM pipeline (registered and at validation) that were already in operation in the year 2011.

**DNA response submitted 06-June-12:**

I hereby confirm that the data reported in the Table 1 includes all CDM renewable energy projects that were already in operation in the year 2011.

**Recommendation to EB:**

The Board at its sixty-third meeting specified three criteria to be satisfied by the DNA recommendations in order that automatic additionality is conferred to microscale renewable energy projects in the host country. The submission is assessed below against these criteria:

- (a) **Criteria 1:** DNA submissions shall include the specific grid connected renewable electricity generation technologies that are being recommended and provide the required data (e.g. wind power, biomass power, geothermal power, hydropower).

The submission has provided segregated data per technology and is in accordance with the above requirement.

- (b) **Criteria 2:** Most recent available data on the percentage of contributions of specific renewable energy technologies shall be provided to demonstrate compliance with the 3 per cent threshold. Data older than three years from the date of the submission shall in no case be used.

The submission has provided data from 2011 and includes a statement from the DNA that it is the most recent data that is available. It is considered that the above requirement was met, based on the information in the submission.

- (c) **Criteria 3:** the ratio of installed capacity of the specific grid connected renewable energy technology in the total installed grid connected power generation capacity in the host country shall be equal to or less than 3 per cent; Specific renewable energy technologies/measures refers to grid connected renewable energy technologies of installed capacity equal to or smaller than 5 MW. Total installed capacity of ALL grid-connected technologies in the country in the reference year was 2697 MW:
- (i) **Hydro:** The installed capacity of hydro plants with less than 5 MW capacity was zero in the reference year. Thus, it is considered that the requirement for Hydro technologies (i.e. threshold ratio under three per cent) has been met;
  - (ii) **Wind: Aggregate plant capacity equal to or less than 5MW was 0.45 MW, leading to a ratio of 0.02 % .** However, as per paragraph 37 of the meeting report of the thirty-sixth small scale working group<sup>1</sup> the ratio shall be calculated based on the **aggregate plant capacity of all total wind turbine installations in the country i.e., was 43.45 MW**, leading to a ratio of 1.61%. However, the ratio is under the threshold of three percent and it is considered that the requirement for Wind technologies has been met;
  - (iii) **Renewable Biomass:** based on the data provided by the DNA, aggregate plant capacity of all renewable biomass technologies equal to or less than 5MW was 6.0 MW, leading to a ratio of 0.22%. The SSC WG thus considered that the requirement for renewable biomass technologies (i.e. threshold ratio under three per cent) has been met;
  - (iv) **Geothermal:** the installed capacity of geothermal technologies was zero in the reference year, therefore the requirement has been met for geothermal technology.
- (d) The SSC WG noted that a call for public input was open from 17 May 2012 to 30 May 2012 as per the "Procedure for submission and consideration of microscale renewable energy technologies for automatic additionality", and no inputs were received in response to this call.

#### Recommendation to the Board

The following grid connected microscale renewable energy technologies of a capacity equal to or less than 5 MW, recommended by the DNA of Uruguay following the "Procedure for submission and consideration of microscale renewable energy technologies for automatic additionality" and the "Guidelines for demonstrating additionality for microscale projects (version 03), may be considered by the Board as eligible for conferring automatic additionality in the host country:

- Hydro;
- Onshore Wind;
- Geothermal;
- Renewable Biomass.

Note: the following electricity generation technologies of installed capacity up to 15 MW are already included in the positive list of grid-connected renewable electricity generation technologies that are automatically defined as additional:<sup>2</sup> (a) Solar technologies (photovoltaic and solar thermal electricity generation); (b) Offshore wind technologies; and (c) Marine technologies (wave, tidal). Therefore, these technologies need not be recommended under the scope of these guidelines.

<sup>1</sup> With respect to the paragraph 2(d)(i) of the guidelines for the demonstration of additionality of microscale project activities, the SSC WG agreed to clarify that in the case of wind energy technology, all the wind installations in the country shall be considered for the analysis, irrespective of the size of the wind farm, in order to derive the percentage share of wind technologies in the total installed capacity of grid connected electricity generation technologies. Please refer to paragraph 37 of the meeting report of the thirty-sixth small scale working group <[http://cdm.unfccc.int/Panels/ssc\\_wg](http://cdm.unfccc.int/Panels/ssc_wg)>.

<sup>2</sup> See attachment A of appendix B of the .Simplified modalities and procedures for small-scale CDM project activities (EB 63, annex 24).

SECTION TO BE FILLED IN BY THE UNFCCC SECRETARIAT	
F-CDM-PRT doc id number:	PRT_003
Date when the form was received by UNFCCC secretariat:	16 May 2012
Date of transmission to the EB:	16 May 2012
Date of posting on the UNFCCC CDM website:	16 May 2012

-----

#### History of the document

Version	Date	Nature of revision(s)
01.1	12 April 2012	Editorial changes to include new logo and other improvements.
01.0	13 January 2012	Initial publication.
<b>Decision Class:</b> Regulatory <b>Document Type:</b> Form <b>Business Function:</b> Methodology		