

 <p align="center">CDM: Form for Submissions on Small Scale Methodologies and Procedures (version 03) <i>(To be used for presenting questions/proposals/amendments related to the simplified methodologies for small-scale CDM project activity categories)</i></p>	
Name:	Yasuki Shirakawa Naoki Matsuo Institution: Climate Experts, Ltd.
Affiliation ¹ :	<input type="checkbox"/> DNA <input type="checkbox"/> DOE <input type="checkbox"/> PP <input checked="" type="checkbox"/> Stakeholder
Title/Subject (max. 200 characters):	Request for revision of AMS II.I. version 01 to the applicability of the methodology.
Purpose of the submission:	<input type="checkbox"/> Query on an approved SSC methodology or small scale procedures ² (Fill in field 1. below) <input checked="" type="checkbox"/> Request for Revision of an approved SSC methodology (Fill in fields 2. and 3. below) <input type="checkbox"/> Proposal for a new SSC methodology (Fill in fields 4. and 5. below)
Approved SSC methodologies ² to which your submission relates to, if applicable.	AMS II.I. version 01, Efficient utilization of waste energy in industrial facilities
Contact Information (e-mail addresses to which the answers are to be delivered and phone contacts for possible dialogue on the submission).	Yasuki Shirakawa, y_shirakawa@climate-experts.info Naoki Matsuo, n_matsuo@climate-experts.info Climate Experts, Ltd.
Information for completing the form Describe the questions related to the SSC Methodologies, Modalities and Procedures below. If the questions are related to a project under development or implementation, you may describe the context in which they arose.	
Query on an approved SSC methodology or SSC procedures	
1. If you have questions relating to the application of an approved small-scale methodology (AMS) please specify and provide reference to the exact technology/measure below. If you have questions related to procedures for SSC project activities please clarify below:	
>> N.A.	
Request for revision of an approved SSC methodology	
2. If you are proposing an amendment/revision to an approved small-scale methodology (AMS), please provide justifications below:	

¹ Designated National Authority (DNA); Designated Operational Entity (DOE); Project Participant (PP), and Stakeholder.

² The list of all approved small-scale methodologies (AMS) can be found at <http://cdm.unfccc.int> and go to CDM: small scale CDM methodologies.

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Brief description of the request for revision

A revision is proposed to add a sentence in paragraph 1 of AMS-II.I version 01 to let PP understand more clearly the applicability of the methodology.

Description of the project activity

The main purpose of the proposed project activity is to generate electric power using recovered coke oven gas (hereinafter referred as "COG") by reducing heat consumption in coke oven, and to substitute grid electricity. The heat consumption reduction is to be achieved by applying the Automatic Combustion Control System (hereinafter referred as "ACCS"). The project activity consists of the following components and logical sequence:

1. Control and reduction of fuel gas consumption in coke oven during coking process, preventing over-heating by monitoring through ACCS, which can monitor and indicate adequate coking cycle.
2. Electric power generation through a steam turbine power generation system using COG
3. Providing generated electricity to the public power supplier or reduction electricity supplied from the public power supplier
4. The public power supplier's reduction of CO₂ emission in accordance with the power reduction

Please refer to the attached documents regarding details of ACCS, and COG balance in the baseline and the project activity.

In the baseline, COG output from coking process are about 120,000 Nm³/hr and the COG is consumed at coke oven and mixed fuel boiler etc. On the other hand, in the project activity, around 3,000 Nm³/hr of COG can be reduced by applying ACCS. Also there is a potential to reduce COG consumption significantly in mixed fuel boiler.

The request for revision

Scrutinizing the "technology/measure" specified in the methodology in paragraph 1 in its current form, it may be possible to evaluate that the methodology is applicable to the above proposed project activity. However, there is no definition written regarding "improve the efficiency of electricity or thermal energy generation" or no explanation how the efficiency improvement can be obtained, except an example of TRT written in the paragraph. For this purpose, a revision is proposed to add a sentence in paragraph 1 to let PP understand more clearly the applicability of the methodology, and can be applied to the proposed project activity. The proposed revision to the approved methodology AMS-II.I version 01 with changes highlighted is attached together with this submission.

3. If you are proposing an amendment/revision to an approved small-scale methodology (AMS) please provide the draft methodology with changes highlighted.

The following documents have been attached to this form:

- ☒ Draft methodology with changes highlighted in Word and PDF formats
- ☐ PDD in PDF format (optional)
- ☒ Additional information (please specify if you are providing any information note, published paper or a report in support of the request for revision of the SSC methodology)

Proposal for a new SSC methodology

4. If you are proposing a new small scale methodology, please provide justifications below:

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N.A.

5. For submitting a new small scale methodology a filled in form "CDM: form for proposed new small scale methodologies (F-CDM-SSC-NM)" is required.

The following documents have been attached to this form:

- ☐ Completely filled in form "CDM: form for proposed new small scale methodologies (F-CDM-SSC-NM)" in Word and PDF formats³
- ☐ A draft PDD (with sections A to C completed):
 - ☐ Relevant annexes to the PDD are provided
 - ☐ Additional information (please specify if you are providing any information note, published paper or a report in support of the new SSC methodology)

Date you are delivering the contribution:

24 September 2010

Information to be completed by the secretariat

SSC-Submission number

³ The current version of the form (F-CDM-SSC-NM) is available on the UNFCCC CDM website (<http://cdm.unfccc.int>).