Appendix A[1] to the simplified modalities and procedures for small-scale CDM project activities

CLEAN DEVELOPMENT MECHANISM
SIMPLIFIED PROJECT DESIGN DOCUMENT
FOR SMALL SCALE PROJECT ACTIVITIES (SSC-PDD)
Version 01 (21 January, 2003)

Mekong Wood Waste Energy Cogeneration in Kandal Province

[1] This appendix has been developed in accordance with the simplified modalities and procedures for small-scale CDM project activities (contained in annex II to decision 21/CP.8, see document FCCC/CP/2002/7/Add.3) and it constitutes appendix A to that document. For the full text of the annex II to decision 21/CP.8 please see http://unfccc.int/cdm/ssc.htm).

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A. General description of project activity

A.1 Title of the project activity: Mekong Wood Waste Energy Cogeneration in Kandal Province

A.2 Description of the project activity:

A.2.1 Description of the Project Activity:

The project is renewable energy from wood waste in Kandal province which could be supplied to inhabitants and some factories of KorKi (Keieng Svay) and Neak Leung (Leuk Dek District) and a part of the energy produced will be sold to the EDC in Phnom Penh who currently used diesel for lighting and, TV which is the source of information.

The developer will purchase the old cogenerater and upgrade it from operated capacity of 7.5 MW to 10MW. The cogenerator will be operated 24 hours for a period of 21 years which is totally MW1103760 (10MW/h *24h/d*365day/y*21years *0.6 (60% loading)). The total emission reduction would be 883008Kt (MW1103760 *0.8).

(Please include in the description)
- the purpose of the project activity
- the view of the project participants on the contribution of the project activity to sustainable development (max. one page).)

A.3 Project participants:

A.4 Technical description of the project activity:

A.4.1 Location of the project activity:

A.4.1.1 Host country Party(ies):

A.4.1.2 Region/State/Province etc.:

A.4.1.3 City/Town/Community etc:

A.4.1.4 Detailed description of the physical location, including information allowing the unique identification of this project activity (max one page):

A.4.2 Type and category(ies) and technology of project activity

A.4.3 Brief statement on how anthropogenic emissions of greenhouse gases (GHGs) by sources are to be reduced by the proposed CDM project activity:

A.4.4 Public funding of the project activity:

No public funding

A.4.5 Confirmation that the small-scale project activity is not a debundled component of a larger project activity:

B. Baseline methodology

B.1 Title and reference of the project category applicable to the project activity:

B.2 Project category applicable to the project activity:

B.3 Description of how the anthropogenic GHG emissions by sources are reduced below those that would have occurred in the absence of the proposed CDM project activity (i.e. explanation of how and why this project is additional and therefore not identical with the baseline scenario)

- Investment barriers
- Technological barriers

B.4 Description of the project boundary for the project activity:

B.5 Details of the baseline and its development:

B.5.1 Specify the baseline for the proposed project activity using a methodology specified in the applicable project category for small-scale CDM project activities contained in appendix B of the simplified M&P for small-scale CDM project activities:

B.5.2 Date of completing the final draft of this baseline section (DD/MM/YYYY):

B.5.3 Name of person/entity determining the baseline:

C. Duration of the project activity and crediting period

C.1 Duration of the project activity:

C.1.1 Starting date of the project activity: Not known

C.1.2 Expected operational lifetime of the project activity: (in years and months, e.g. two years and four months would be shown as: 2y-4m.) 21years (7 year *3)

C.2 Choice of the crediting period and related information: (Please underline the selected option (C.2.1 or C.2.2) and provide the necessary information for that option.)

C.2.1 Renewable crediting period (at most seven (7) years per crediting period)

C.2.1.1 Starting date of the first crediting period (DD/MM/YYYY):

C.2.1.2 Length of the first crediting period (in years and months, e.g. two years and four months would be shown as: 2y-4m.):

C.2.2 Fixed crediting period (at most ten (10) years):

C.2.2.1 Starting date (DD/MM/YYYY):

C.2.2.2 Length (max 10 years): (in years and months, e.g. two years and four months would be shown as: 2y-4m.)

D. Monitoring methodology and plan

D.1 Name and reference of approved methodology applied to the project activity:

This project is type 1D and the monitoring methodology is as stated in paragraph 9 of the simplified modality and procedures for ssc.

D.2 Justification of the choice of the methodology and why it is applicable to the project activity:

The type of electricity production is GHGs free. By applying this technology we could not only avoid from GHG emission, but also we could minimize wood waste from our environment as well as it is locally available and in turn will promote quality of live of the local poeple.

D.3 Data to be monitored:

ID number	Data type	Data variable	Data unit	Measured (m), calculated (c) or estimated (e)	Recording frequency	Proportion of data to be monitored	How will the data be archived? (electronic/ paper)	For how long is archived data to be kept?	Comment
Renewable electricity generation for a grids	energy produced	?	kWh	m	Daily	100%	electronic /paper	2 year after the crediting period	

D.4 Name of person/entity determining the monitoring methodology:

E. Calculation of GHG emission reductions by sources

E.1 Formulae used:

E.1.1 Selected formulae as provided in appendix B:

E.1.2 Description of formulae when not provided in appendix B:

E.1.2.1 Describe the formulae used to estimate anthropogenic emissions by sources of GHGs due to the project activity within the project boundary: (for each gas, source, formulae/algorithm, emissions in units of CO_2 equivalent)

E.1.2.2 Describe the formulae used to estimate leakage due to the project activity, where required, for the applicable project category in appendix B of the simplified modalities and procedures for small-scale CDM project activities (for each gas, source, formulae/algorithm, emissions in units of CO_2 equivalent)

E.1.2.3 The sum of E.1.2.1 and E.1.2.2 represents the project activity emissions:

E.1.2.4 Describe the formulae used to estimate the anthropogenic emissions by sources of GHG's in the baseline using the baseline methodology for the applicable project category in appendix B of the simplified modalities and procedures for small-scale CDM project activities: (for each gas, source, formulea/algorithm, emissions in units of CO_2 equivalent)

E.1.2.5 Difference between E.1.2.4 and E.1.2.3 represents the emission reductions due to the project activity during a given period:

E.2 Table providing values obtained when applying formulae above:

F. Environmental impacts

F.1 If required by the host Party, documentation on the analysis of the environmental impacts of the project activity: (if applicable, please provide a short summary and attach documentation)

G. Stakeholders comments

G.1 Brief description of the process by which comments by local stakeholders have been invited and compiled:

G.2 Summary of the comments received:

G.3 Report on how due account was taken of any comments received:

Annex 1

CONTACT INFORMATION FOR PARTICIPANTS IN THE PROJECT ACTIVITY

(Please repeat table as needed)

Organization:	
Street/P.O.Box:	
Building:	
City:	
State/Region:	
Postcode/ZIP:	
Country:	
Telephone:	
FAX:	
E-Mail:	
URL:	
Represented by:	
Title:	
Salutation:	
Last Name:	
Middle Name:	
First Name:	
Department:	
Mobile:	
Direct FAX:	
Direct tel:	
Personal E-Mail:	

Annex 2

INFORMATION REGARDING PUBLIC FUNDING

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