



**Voluntary Carbon Standard
Project Description Template**

19 November 2007

[Date of the VCS PD]

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1 Description of Project:

1.1 Project title

Biomass based steam generation project by Sterling Agro Industries Ltd.
Date: 02/06/2010

1.2 Type/Category of the project

- *Project category which is part of a GHG program that has been approved by the VCS Board.*
- *Specify here if the project is a Grouped project*

1.3 Estimated amount of emission reductions over the crediting period including project size:

- *Micro project: Less than 5,000 tonnes CO2 equivalent emissions reductions per year.*
- *Mega Project: More than 1,000,000 tonnes CO2 equivalent emissions reductions per year*

1.4 A brief description of the project:

1.5 Project location including geographic and physical information allowing the unique identification and delineation of the specific extent of the project:

Include GPS project boundaries.

1.6 Duration of the project activity/crediting period:

- *Project start date: Date on which a financial commitment was made to the project and the project reached financial closure.*
- *Crediting period start date: the date the first monitoring period commenced*
 - *VCS project crediting period: A maximum of ten years which may be renewed at most two times*

1.7 Conditions prior to project initiation:

1.8 A description of how the project will achieve GHG emission reductions and/or removal enhancements:

1.9 Project technologies, products, services and the expected level of activity:

1.10 Compliance with relevant local laws and regulations related to the project:

The VCS PD shall include identification of relevant local laws and regulations related to the project and demonstration of compliance with them.

1.11 Identification of risks that may substantially affect the project's GHG emission reductions or removal enhancements:

1.12 Demonstration to confirm that the project was not implemented to create GHG emissions primarily for the purpose of its subsequent removal or destruction.

Sterling Agro Industries Ltd. (Sterling) has undertaken a project activity, which entails thermal energy generation using renewable fuels. The project activity is being implemented at Dairy products manufacturing unit at Bhitouna, Kasganj-Soron Road, Dist-Kanshiram Nagar, Uttar Pradesh. The project proponent installed 15 TPH biomass based boiler. The generated steam is used in the dairy processing units. Thus, it is evident that project proponent has initiated this project with an aim to generate steam from biomass residues, and not primarily for creating GHG emissions primarily for the purpose of its subsequent removal.

1.13 Demonstration that the project has not created another form of environmental credit (for example renewable energy certificates).

The project is a CDM registered project and has not been applied for any form of environmental credit. The project is registered as reference number 2952¹ at UNFCCC. An undertaking for the same is provided by the proponent.

1.14 Project rejected under other GHG programs (if applicable):

The project has neither been applied nor rejected under any program. The project is registered as reference number 2952 at UNFCCC. An undertaking for the same is provided by the proponent.

1.15 Project proponents roles and responsibilities, including contact information of the project proponent, other project participants:

1.16 Any information relevant for the eligibility of the project and quantification of emission reductions or removal enhancements, including legislative, technical, economic, sectoral, social, environmental, geographic, site-specific and temporal information.):

1.17 List of commercially sensitive information (if applicable):

Any commercially sensitive information that has been excluded from the public version of the VCS PD that will be displayed on the VCS Project Database shall be listed by the project proponent.

2 VCS Methodology:

2.1 Title and reference of the VCS methodology applied to the project activity and explanation of methodology choices:

¹ <http://cdm.unfccc.int/Projects/DB/SGS-UKL1251986974.66/view>

Projects shall use one of the VCS program approved project methodologies and provide information relevant to methodology deviations or methodology revisions.

2.2 Justification of the choice of the methodology and why it is applicable to the project activity:

2.3 Identifying GHG sources, sinks and reservoirs for the baseline scenario and for the project:

2.4 Description of how the baseline scenario is identified and description of the identified baseline scenario:

The project proponent shall select the most reasonable baseline scenario for the project. This shall reflect what most likely would have occurred in the absence of the project.

2.5 Description of how the emissions of GHG by source in baseline scenario are reduced below those that would have occurred in the absence of the project activity (assessment and demonstration of additionality):

The project proponent shall in the VCS PD, in addition to describing how the project meets the VCS methodology, demonstrate that the project is additional based on one of the tests, the project test, the performance test, and technology test.

3 Monitoring:

3.1 Title and reference of the VCS methodology (which includes the monitoring requirements) applied to the project activity and explanation of methodology choices:

3.2 Monitoring, including estimation, modelling, measurement or calculation approaches:

- *Purpose of monitoring*
- *Types of data and information to be reported, including units of measurement*
- *Origin of the data)*
- *Monitoring, including estimation, modelling, measurement or calculation approaches*
- *Monitoring times and periods, considering the needs of intended users*
- *Monitoring roles and responsibilities*
- *Managing data quality*

3.3 Data and parameters monitored / Selecting relevant GHG sources, sinks and reservoirs for monitoring or estimating GHG emissions and removals:

Describe each data and parameter using this table.

Data / Parameter:	
Data unit:	
Description:	
Source of data to be used:	
Value of data applied for the purpose of calculating expected	

emission reductions	
Description of measurement methods and procedures to be applied:	
QA/QC procedures to be applied:	
Any comment:	

3.4 Description of the monitoring plan

4 GHG Emission Reductions:

4.1 Explanation of methodological choice:

4.2 Quantifying GHG emissions and/or removals for the baseline scenario:

4.3 Quantifying GHG emissions and/or removals for the project:

4.4 Quantifying GHG emission reductions and removal enhancements for the GHG project:

See ISO 14064-2: 5.2.k for quantifying GHG emission reductions or removal enhancements.

5 Environmental Impact:

A summary environmental impact assessment when such an assessment is required by applicable legislation or regulation

6 Stakeholders comments:

Relevant outcomes from stakeholder consultations and mechanisms for on-going communication.

7 Schedule:

Chronological plan for the date of initiating project activities, date of terminating the project, frequency of monitoring and reporting and the project period, including relevant project activities in each step of the GHG project cycle.

8 Ownership:

8.1 Proof of Title:

For the ownership details of the project any of the following may be referred to:

1. Host Country Approval

8.2 Projects that reduce GHG emissions from activities that participate in an emissions trading program (if applicable):

Not Applicable. The project is registered in UNFCCC (Registration ID -2952). The project is also approved by the DNA and a copy of the approval is also submitted to the DOE.
