

GOLD STANDARD LOCAL STAKEHOLDER CONSULTATION REPORT

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SECTION A. PROJECT DESCRIPTION

A. 1. Project eligibility under the Gold Standard

[See Toolkit 1.2 and Toolkit Annex C]

The project is eligible under the gold standard with the following aspects being met:

- 1) Scale of the project activity:
This project is a Large Scale project having both the electricity generation component and methane avoidance due to usage of Poultry litter as fuel.
- 2) Host country:
The project is located in India.
- 3) Type of project activity:
The project falls under “the renewable energy supply category” as it uses poultry litter which is not a fossil fuel.
- 4) Greenhouse gases:
Among the green house gases eligible under the Gold Standard, This project is reducing Carbon dioxide, Methane and Nitrous Oxide (We are not claiming the benefits of reducing nitrous oxide for simplification).
- 5) Official Development Assistance (ODA):
The project is not using any ODA funding as defined in the GS manual for project developers.
- 6) Project time frame:
This project has not been announced to be going ahead without the revenues from carbon credits. The Detailed project report takes into account the CDM benefits.
The project is being submitted for registration to the Gold standard and CDM executive board in parallel.
- 7) Other certification schemes:
The project is not claiming certificates from any other scheme therefore no double counting.

A. 2. Current project status

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Communication to UNFCCC- April 2011
Gold standard Stakeholder meeting – June 2011
Purchase order – 1st August, 2011

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SECTION B. DESIGN OF STAKEHOLDER CONSULTATION PROCESS

B. 1. Design of physical meeting(s)

i. Agenda

A physical meeting was conducted at site on the 5th of June 2011. The agenda of the meeting was as follows:

- Opening of the meeting
- Explanation of the project
- Questions for clarification about the project
- Blind SD exercise
- Discussion on monitoring SD
- Closure of the meeting

ii. Non-technical summary

Redan Infrastructure Private Limited is setting up a 7.5 MW Green Power Project at Gangavaram village in Chittoor district of Andhra Pradesh. The project proposes to use the poultry litter which is a waste and dumped in anaerobic lagoons. The poultry litter will be used as boiler fuel to produce steam which in turn will produce electricity. The project will also curb the methane (CH₄) emissions, which would have been released into the atmosphere in the business as usual scenario due to the decay of the poultry litter.

Pre project VS Project scenario:

Prior to the project activity, poultry litter was dumped in anaerobic lagoons and left to decay anaerobically, which in turn released a lot of methane (a potent green house gas). The project proponent proposes to use this waste as boiler fuel and generate electricity, which will be fed to the Southern grid. The fuel poultry litter will be burnt in a travelling grate type of boiler. The steam generated from the boiler is expanded in a bleed cum condensing turbo generator for power generation.

The project is helping the Host Country fulfil its goals of promoting sustainable development.

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Specifically, the project satisfies the sustainable development guidelines provided by the Ministry of Environment and Forests in India. Each of the sustainable development indicators established by the Government of India have been analysed in the context of the project activity to assess the project's contribution to sustainable development. This analysis appears below.

Environmental well being:

The project uses a poultry litter waste for electricity generation and therefore does not emit additional greenhouse gases; which would have been generated as the poultry litter is currently being dumped into anaerobic lagoons. This project leads to the productive use of poultry litter for power generation. This leads to the minimisation of generation of methane in to the atmosphere. Also the PP proposes to dedicate 30% of the site as a green belt.

Socio-economic well being:

Specifically, the project:

- Increases employment opportunities in the area where the project is located, specifically, it is expected that jobs will be created during construction and in the area of civil works. In addition, various kinds of electro mechanical work would generate employment opportunity on a regular and permanent basis
- Optimises the use of natural resources, avoid new uncontrolled waste disposal sites
- Diversifies the sources of electricity generation
- Uses clean and efficient technologies, and conserves natural resources

Technological well being:

Energy generation from poultry waste acts as a clean technology

iii. Invitation tracking table

Category code	Organisation (if relevant)	Name of invitee	Way of invitation	Date of invitation	Confirmation received? Y/N
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A	Redan management	Venkatesh Kanneganti	Email	19.05.2011	Y (on phone)
A	Redan management	Venkiah B	Email	19.05.2011	Y
A	Redan Management	Satish K	Email	19.05.2011	Y
A	Redan Local representative	Hari babu	Email	19.05.2011	Y
A	Thermodyne	Sridharan S	Email	19.05.2011	N
A	Thermodyne	Damodaran S	Email	19.05.2011	N
A	Triveni group	Narayanaprasad S	Email	19.05.2011	N
A	Triveni group	Sivakumar K	Email	19.05.2011	N
A	ACC limited	P.K. Ganguly	Email	19.05.2011	Y
A	RKG group		Email	19.05.2011	N
B	SBI Bank	Sidda Reddy K	Email	19.05.2011	N
A		R.H Prasad	Email	19.05.2011	N
D	NGO/Doctor	Dr. Saraswati	Call	20.05.2011	Y
B	AP Poultry Federation	Rajendra P.T	Personal Invitation	20.05.2011	Y
B	NECC	Ramesh Babu	Personal Invitation	20.05.2011	Y
A	Local	Gopi Krishna	Call	22.05.2011	Y
A	Balaji hatcheries	Dr. Perumal	Call	22.05.2011	N
E	Gold Standard	Ms. Neha Rao	Email	20.05.2011	Y
F	REEP	Kartin Harvey	Email	23.05.2011	N
F	Mercy Corps	McIntosh	Email	23.05.2011	N
F	HELIO International		Email	23.05.2011	N
F	WWF International	Bella Roscher	Email	23.05.2011	N
F	Green Peace International		Email	23.05.2011	N
D	Carbon Watch	Deepak	Email	23.05.2011	N

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		Mawandia			
D	Development Alternatives		Email	23.05.2011	N
D	EnerGHG India	Narendra Paruchuri	Email	23.05.2011	N
D	Fair Climate Network	Dr. Sudha Padamana bha	Email	23.05.2011	N
D	Rural Education for Development Society- REDS	Mrs. Jyoti Raj	Email	23.05.2011	N
D	SKG Sangha	Vidya Sagar	Email	23.05.2011	N
D	Winrock International India	Debajit Das	Email	23.05.2011	N

Please explain how you decided that the above organisations/ individuals are relevant stakeholders to your project. Also, please discuss how your invitation methods seek to include a broad range of stakeholders (e.g. gender, age, ethnicity).

All the individuals from various organizations and villages are relevant stakeholders as all of above are linked to project activity either directly or indirectly. For example:

The turbine suppliers- who have given quotes for the development of this project activity

The local people- they will get employment opportunities

AP Poultry federation- they can promote similar projects in the region

iv. Text of individual invitations

[See Toolkit 2.6 and Toolkit Annex J]

TO WHOM IT MAY CONCERN,

This is to notify that the Redan Infrastructure Private Limited intends to contribute towards the

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conservation of conventional sources of energy by undertaking the implementation of a greenhouse gas (GHG) abatement project activity in Gangavaram Village Chittoor District in Andhra Pradesh, India. Since, the proposed project is contributing to the mitigation of global climate change and is of special kind, project developers intend to develop the project as a Clean Development Mechanism project and decided to adopt Gold Standard modalities for the project activity. As part of the Gold Standard modalities, a stakeholder consultation process' is being organized with a call for public comments on the project. In this connection, you are invited to send in your comments for the CDM project being proposed in Gangavaram Village, Chittoor District, Andhra Pradesh (India). A local public meeting is being organized at the project site on 5th June 2011 beginning at 10:30am. The meeting lasts for about 2 hours and will be conducted in Telugu and English.

A detailed project description is enclosed herewith for your ready reference. Further information including features of the project, environmental considerations, etc. will be provided during the meeting. All stakeholders / participants are to provide comments on the project which would be addressed by the project developers while implementation.

You are requested to participate in the public meeting and provide your comments on the same. Alternatively, you can provide your comments via email and a checklist shall be completed.

For further questions and/or comments, you can contact us at:

rpcpl@redaninfra.com; or

Plot No:30, B.N.Reddy Colony,
Road No:14, Banjara Hills,
Hyderabad – 500 034

Please find the summary of the project activity below:

Redan Infrastructure Private Limited is setting up a 7.5 MW Green Power Project at Gangavaram village in Chittoor district of Andhra Pradesh. The project proposes to use the poultry litter which is a waste and dumped in anaerobic lagoons. The poultry litter will be used as boiler fuel to produce steam which in turn will produce electricity. The project will also curb the methane (CH₄) emissions, which would have been released into the atmosphere in the business as usual scenario due to the decay of the poultry litter.

Pre project VS Project scenario:

Prior to the project activity, poultry litter was dumped in anaerobic lagoons and left to decay anaerobically, which in turn released a lot of methane (a potent greenhouse gas). The project proponent proposes to use this waste as boiler fuel and generate electricity, which will be fed to the Southern grid. The fuel poultry litter will be burnt in a travelling grate type of boiler. The steam generated from the boiler is expanded in a bleed cum condensing turbo generator for power generation.

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The project is helping the Host Country fulfil its goals of promoting sustainable development. Specifically, the project satisfies the sustainable development guidelines provided by the Ministry of Environment and Forests in India. Each of the sustainable development indicators established by the Government of India have been analysed in the context of the project activity to assess the project's contribution to sustainable development. This analysis appears below.

Environmental well being:

The project uses a poultry litter waste for electricity generation and therefore does not emit additional greenhouse gases; which would have been generated as the poultry litter is currently being dumped into anaerobic lagoons. This project leads to the productive use of poultry litter for power generation. This leads to the minimisation of generation of methane in to the atmosphere. Also the PP proposes to dedicate 30% of the site as a green belt.

Socio-economic well being:

Specifically, the project:

- Increases employment opportunities in the area where the project is located, specifically, it is expected that jobs will be created during construction and in the area of civil works. In addition, various kinds of electro mechanical work would generate employment opportunity on a regular and permanent basis
- Optimises the use of natural resources, avoid new uncontrolled waste disposal sites
- Diversifies the sources of electricity generation
- Uses clean and efficient technologies, and conserves natural resources

Technological well being:

Energy generation from poultry waste acts as a clean technology

Best regards,

Gopi S. Gurram

Managing Director
Redan Infrastructure Private Limited

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v. Text of public invitations

[See Toolkit 2.6 and Toolkit Annex J]

Dear Stakeholders,

This is to notify that the Redan Infrastructure Private Limited intends to contribute towards the conservation of conventional sources of energy by undertaking the implementation of a greenhouse gas (GHG) abatement project activity in Gangavaram Village Chittoor District in Andhra Pradesh, India. Since, the proposed project is contributing to the mitigation of global climate change and is of special kind, project developers intend to develop the project as a Clean Development Mechanism project and decided to adopt Gold Standard modalities for the project activity. As part of the Gold Standard modalities, a stakeholder consultation process is being organized with a call for public comments on the project. In this connection, you are invited to send in your comments for the CDM project being proposed in Gangavaram Village, Chittoor District, Andhra Pradesh (India). A local public meeting is being organized at the project site on 5th June 2011 beginning at 10:30am.

Further information including features of the project, environmental considerations, etc. will be provided during the meeting. All stakeholders / participants are to provide comments on the project which would be addressed by the project developers while implementation.

You are requested to participate in the public meeting and provide your comments on the same. Alternatively, you can provide your comments via email and a checklist shall be completed at our end.

For further questions and/or comments, you can contact us either at:

rpctl@redaninfra.com; Plot No:30, B.N.Reddy Colony,Road No:14, Banjara Hills,Hyderabad – 500 034

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B. 2. Description of other consultation methods used

If individuals and/ or entities (e.g. NGOs) are unable to attend the physical meeting, please discuss other methods that were used to solicit their feedback/ comments (e.g. questionnaires, phone calls, interviews).

For NGO's who did not attend the physical meeting comments were invited via email. Also, project proponent went individually to other relevant stakeholders to get their feedback.

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SECTION C. CONSULTATION PROCESS

C. 1. Participants' in physical meeting(s)

i. List of participants

The participant list has been attached in Annex 1

Comments accompanying Annex 1
NA

ii. Evaluation forms

[See Toolkit 2.6.1, 2.6.2 and Toolkit Annex J]

Please add at least 4-5 representative samples in English.

Please attach original evaluation forms (in original language) as Annex 2.

Name	N. Cheuga Reddy
What is your impression of the meeting?	Nice explained
What do you like about the project?	Beneficial for local community and farmer
What do you not like about the project?	

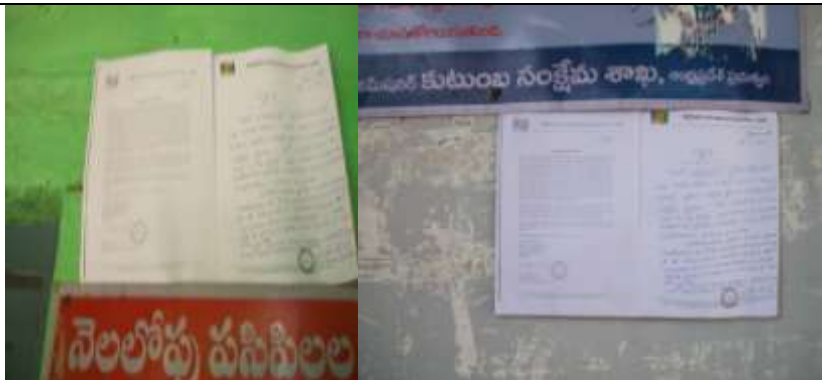
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Signature

Comments accompanying Annex 2

- Project beneficial for the society and environment
- Leads to employment generation
- More such activities should be done

C. 2. Pictures from physical meeting(s)



Pictures of invitation for local stakeholder consultation.
during the stakeholder consultation



Mr. V. Kanneganti addressing the gathering

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Stakeholder gathering during the blind sustainable development assessment

C. 3. Outcome of consultation process

i. Minutes of physical meeting(s)

MINUTES OF MEETING OF THE LOCAL STAKEHOLDER CONSULTATION UNDER CLEAN DEVELOPMENT MECHANISM AND GOLD STANDARD FOR THE PROPOSED 7.5MW POULTRY LITTER BASED POWER PROJECT BY REDAN INFRASTRUCTURE PRIVATE LIMITED ON 05/06/2011 AT THE PROJECT SITE IN GANGAVARAM VILLAGE, CHITTOOR DISTRICT, ANDHRA PRADESH, INDIA

Project Proponent Representatives:

Mr. Venkatesh Kanneganti – Redan Infrastructure Private Limited

Mr. Gopi S. Gurram – Redan Infrastructure Private Limited

Mr. B. Venkaiah – Redan Infrastructure Private Limited

GS CDM Project Developer Representatives:

Mr. K. Kartick – South Pole Carbon Asset Management Limited

Ms. Tanushree Bagh – South Pole Carbon Asset Management Limited

Meeting Summary:

On the occasion of “World Environment Day”, a meeting was organized by Redan Infrastructure

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Private Limited (RIPL) to obtain the comments, suggestions and feedback of the local stakeholders on the proposed greenhouse gas 7.5MW poultry litter based power project they intend to implement. The meeting was held on 05/06/2011 from 10:30am to 1:00pm in the premises of the site of the proposed project in Gangavaram Villlage, Chittoor District, Andhra Pradesh, India. The major discussions during the local stakeholder consultation meeting under Clean Development Mechanism (CDM) and Gold Standard (GS) were:

Mr. V. Kanneganti and Mr. G.S. Gurram of RIPL thanked the attendees for participating in the gathering and introduced the company and its mission of renewable energy generation. They further briefly described various aspects of the proposed project and highlighted the potential environmental and socio-economic benefits by discontinuation of the local practice of poultry litter disposal as well as by displacement of fossil-fuel dominated grid electricity.

Mr. K. Kartick and Ms. T. Bagh from South Pole Carbon explained the climate change mitigation benefits of the project and highlighted that it qualifies as a GHG abatement project for potential GS CDM benefits. They also discussed the sustainable development matrix and the monitoring plan for the sustainable development indicators.

The project proponents then invited queries, comments, suggestions, etc. from the attendees.

Following is the summary of the outcomes:

Query: Mr. Rajeev – will the project employ local populace for operation?

Reply:

Mr. V. Kanneganti – more than two-thirds of the plant personnel employed to operate the project activity shall be local populace. This proportion is expected to steadily increase over time as the local people gain experience and expertise in such technology.

Query: Dr. Muralidhar – are the project promoters planning to contribute towards greenery in the plant premises?

Reply:

Mr. G. S. Gurram – we plan to dedicate around one-thirds of the site area for trees.

Comment: Mr. Rajesh – this project shall result in many positive effects on the local environment by eliminating the odour caused by decomposition of poultry litter in the pits dug in the poultry farms. We shall hence have a more aesthetic environment in our village.

Comment: Ms. Sharmila – almost every house in this village is facing problems from flies and other insects that thrive on the poultry farm waste. This project shall result in a considerable reduction of the same and benefit us a lot. We are thankful to RIPL for their noble initiative and promise all possible support required from our end to ensure its success.

Comment: Dr. Saraswathi – this project is a blessing to this region as it shall contribute towards the improvement of health conditions of the local region. It should be awarded for

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its contribution to climate change mitigation.

Comment: Ms. Swathi – We live close to a poultry farm and always face the problem of bad smell. Hope with this project in place the litter gets disposed quickly in a more aesthetic manner and we can finally breathe some fresh air.

The meeting closed with a note of thanks from the project proponents and the attendees proceeded for lunch arranged by the project proponents for the occasion.

Blind sustainability matrix exercise:

During the discussions with project owners and the local people, people were asked whether they understood the project and what is their opinion regarding the project. The comments received were as follows:

- The project will reduce the odour, which is produced due to dumping of poultry litter
- It will reduce the problem of flies, which people have encountered over several years and thereby, reduces the risk of getting sick
- It will also increase employment, thereby raising the living standards of local people.

ii. Minutes of other consultations

NA

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iii. Assessment of all comments

Stakeholder comment	Was comment taken into account (Yes/ No)?	Explanation (Why? How?)
Will the project employ local populace for operation	Yes	More than two thirds of the plant personnel employed to operate the project activity shall be local populace
Are the project promoters planning to contribute towards greenery in the plant premises	Yes	Project developers plan to dedicate around one thirds of the site area for trees.

iv. Revisit sustainability assessment

Are you going to revisit the sustainable development assessment?	Yes	No
<p>Please note that this is necessary when there are indicators scored 'negative' or if there are stakeholder comments that can't be mitigated</p> <p>[See Toolkit 2.7]</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Give reasoning behind the decision

Since there were no negative comments received, therefore there is no need to revise the sustainable development assessment.

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v. Summary of alterations based on comments

If stakeholder comments have been taken into account and any aspect of the project modified, then please discuss that here.

[See Toolkit 2.6.2, 2.8]

NA

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SECTION D. SUSTAINABLE DEVELOPMENT ASSESSMENT

D. 1. Own sustainable development assessment

i. 'Do no harm' assessment

[See Toolkit 2.4.1 and Toolkit Annex H]

Safeguarding principles	Description of relevance to my project	Assessment of my project risks breaching it (low, medium, high)	Mitigation measure
The project respects internationally proclaimed human rights including dignity, cultural property and uniqueness of indigenous people. The project is not complicit in Human Right Abuses	Not relevant	No risk	Not applicable
The project does not involve and is not complicit in involuntary resettlement	Not relevant	No risk	Not applicable
The project does not involve and is not complicit in the alteration, damage or removal of any critical cultural heritage	Not relevant	No risk	Not applicable
The project respects the employees freedom of association and their right to collective bargaining and is not complicit in restrictions of these freedoms and rights	This project involves a lot of contribution from employees all the time	Low risk	Not required
The project does not involve and is not complicit in any form of	Not relevant	No risk	Not required

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forced or compulsory labour			
The project does not employ and is not complicit in any form of child labour	Not relevant	No risk	Not required
The project does not involve and is not in complicit in any form of discrimination based on gender, race, religion, sexual orientation or any other basis	Not relevant	No risk	Not required
The project provides workers with a safe and healthy work environment and is not complicit in exposing workers to unsafe or unhealthy work environments	This is important for the health and safety of workers	Low risk	It will taken care as per the Environment Management Plan
The project takes a precautionary approach in regard to environmental challenges and is not complicit in practices contrary to the precautionary principle. This principle can be defined as "when the activity raises harm to human health or the environment, precautionary measures should be taken even if some cause and effect relationships are not fully established scientifically	Not relevant	No risk	Not required

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The project does not involve or complicit in significant conversion or degradation of critical natural habitats including those that are (a) legally protected, (b) officially proposed for protection, (c) identified by authoritative sources for their high conservation value or (d) recognised as protected by traditional local communities	Not relevant	No risk	Not required
The project does not involve and is not in complicit in corruption	Not relevant	No risk	Not required
Additional relevant critical issues for my project type	Description of relevance to my project	Assessment of relevance to my project (low, medium, high)	Mitigation measure
Not identified	Not relevant	No risk	Not required

ii. Sustainable development matrix

[See Toolkit 2.4.2 and Toolkit Annex I]

Indicator	Mitigation measure	Relevance to achieving MDG	Chosen parameter and explanation	Preliminary score
Air quality	Air quality monitoring	Goal 7 – Ensure Environmental sustainability	Project activity utilizes poultry litter for electricity production, which reduces SOx and dust particles, thereby improves the air quality	+
Water quality and quantity	Water quality measurement	Goal 7- Ensure Environmental sustainability	Project activity does not lead to any major impact	0

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			on the water resources	
Soil condition	Fertility of soil	Goal 7 – ensure Environmental sustainability	Project activity increases the fertility of soil (ash the by-product is an excellent fertilizer)	+
Other pollutants	Air quality monitoring	Goal 7- Ensure Environmental sustainability	Project activity utilizes poultry litter and other biomass for electricity generation and helps mitigating not only GHG but also other gases like SOx NOx also reduces the odour problem in the region	+
Biodiversity	NA		The project has surplus biomass available therefore the project does not impact the biodiversity in a negative way.	0
Quality of employment	Nature of employment during and after the project	Goal 1- Eradicate extreme hunger and poverty	Project activity will help in increasing the number of people employed and also train staff during maintenance and operation of project	+
Livelihood of the poor	Income of employees after project commencement	Goal 1- Eradicate extreme hunger and poverty	Project activity helps employ people and give them jobs, and the quality of living will improve	+

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Access to affordable and clean energy services	Status after the implementation of project activity	Goal 7 – Ensure Environmental Sustainability	The fuel being Poultry litter and other biomass, which is carbon neutral and helps mitigating GHG emissions	+
Human and institutional capacity	NA			
Quantitative employment and income generation	Number of people employed during and after project activity	Goal 1- Eradicate extreme hunger and poverty	Project activity will lead to generate employment opportunities for both skilled and unskilled labours	+
Balance of payments and investment	NA			
Technology transfer and technological self-reliance	Na			

Comments accompanying own sustainable development matrix

No negative comments due to project activity.

D. 2. Stakeholders Blind sustainable development matrix

[See Toolkit 2.6.1]

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Indicator	Mitigation measure	Relevance to achieving MDG	Chosen parameter and explanation	Preliminary score
Gold Standard indicators of sustainable development	If relevant, copy mitigation measure from 'Do No Harm' assessment, and include mitigation measure used to neutralise a score of '-'	Check www.undp.org/mdg and www.mdgmonitor.org Describe how your indicator is related to local MDG goals	Defined by project developer	<u>Negative impact:</u> score '-' in case negative impact is not fully mitigated, score '0' in case impact is planned to be fully mitigated <u>No change in impact:</u> score '0' <u>Positive impact:</u> score '+'
Air quality	Air quality monitoring	Goal 7 – Ensure Environmental sustainability	Project activity utilizes poultry litter for electricity production, which reduces SOx and dust particles, thereby improves the air quality	+
Water quality and quantity	Water quality measurement	Goal 7- Ensure Environmental sustainability	Project activity does not lead to any major impact on the water resources	0
Soil condition	Fertility of soil	Goal 7 – ensure Environmental sustainability	Project activity increases the fertility of soil (ash the by-product is an excellent	+

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			fertilizer)	
Other pollutants	Air quality monitoring	Goal 7- Ensure Environmental sustainability	Project activity utilizes poultry litter and other biomass for electricity generation and helps mitigating not only GHG but also other gases like SOx NOx also reduces the odour problem in the region	+
Biodiversity	NA		The project has surplus biomass available therefore the project does not impact the biodiversity in a negative way.	0
Quality of employment	Nature of employment during and after the project	Goal 1- Eradicate extreme hunger and poverty	Project activity will help in increasing the number of people employed and also train staff during maintenance and operation of project	+
Livelihood of the poor	Income of employees after project commencement	Goal 1- Eradicate extreme hunger and poverty	Project activity helps employ people and give them jobs, and the quality of living will improve	+
Access to affordable and	Status after the implementation	Goal 7 – Ensure Environmental	The fuel being Poultry litter and	+

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clean energy services	of project activity	Sustainability	other biomass, which it carbon neutral and helps mitigating GHG emissions	
Human and institutional capacity	NA			0
Quantitative employment and income generation	Number of people employed during and after project activity	Goal 1- Eradicate extreme hunger and poverty	Project activity will lead to generate employment opportunities for both skilled and unskilled labours	+
Balance of payments and investment	NA			0
Technology transfer and technological self-reliance	NA			0

Comments resulting from the stakeholders blind sustainable development matrix

No negative comments received from the stakeholders.

Give analysis of difference between own sustainable development matrix and the one resulting from the blind exercise with stakeholders. Explain how both were consolidated.

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The blind sustainable assessment showed similar results towards all sustainable development indicators.

D. 3. Consolidated sustainable development matrix

[See Toolkit 2.4.2]

Indicator	Mitigation measure	Relevance to achieving MDG	Chosen parameter and explanation	Preliminary score
Gold Standard indicators of sustainable development	If relevant, copy mitigation measure from 'Do No Harm' assessment, and include mitigation measure used to neutralise a score of '-'	Check www.undp.org/mdg and www.mdgmonitor.org Describe how your indicator is related to local MDG goals	Defined by project developer	<u>Negative impact:</u> score '-' in case negative impact is not fully mitigated, score '0' in case impact is planned to be fully mitigated <u>No change in impact:</u> score '0' <u>Positive impact:</u> score '+'
Air quality	Air quality monitoring	Goal 7 – Ensure Environmental sustainability	Project activity utilizes poultry litter for electricity production, which reduces tons of green house gas emissions and	+

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			also SOx and dust particles, thereby improves the air quality	
Water quality and quantity	Water quality measurement	Goal 7- Ensure Environmental sustainability	Project activity does not lead to any major impact on the water resources	0
Soil condition	Fertility of soil	Goal 7 – ensure Environmental sustainability	Project activity increases the fertility of soil (ash the by-product is an excellent fertilizer)	+
Other pollutants	Air quality monitoring	Goal 7- Ensure Environmental sustainability	Project activity utilizes poultry litter and other biomass for electricity generation and helps mitigating not only GHG but also other gases like SOx NOx also reduces the odour problem in the region	+
Biodiversity	NA		The project has surplus biomass available therefore the project does not impact the biodiversity in a negative way.	0
Quality of employment	Nature of employment during and after the project	Goal 1- Eradicate extreme hunger and poverty	Project activity will help in increasing the number of people employed	+

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			and also train staff during maintenance and operation of project	
Livelihood of the poor	Income of employees after project commencement	Goal 1- Eradicate extreme hunger and poverty	Project activity helps employ people and give them jobs, and the quality of living will improve	+
Access to affordable and clean energy services	Status after the implementation of project activity	Goal 7 – Ensure Environmental Sustainability	The fuel being Poultry litter and other biomass, which is carbon neutral and helps mitigating GHG emissions	+
Human and institutional capacity	NA			0
Quantitative employment and income generation	Number of people employed during and after project activity	Goal 1- Eradicate extreme hunger and poverty	Project activity will lead to generate employment opportunities for both skilled and unskilled labours	+
Balance of payments and investment	NA			0
Technology transfer and technological self-reliance	NA			0
Justification choices, data source and provision of references A justification paragraph and reference source is required for each indicator, regardless of score				
Air quality		Project activity uses poultry litter for power generation and in absence of the project activity the power would have been generated from fossil fuel stations located in the region.		

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	There by this project reduces SOx and other dust particles which could have been produced in the absence of project activity. ¹
Water quality and quantity	Project activity will not have any significant impact on the water quality of the region. ²
Soil condition	Project activity will not have any significant impact on soil condition, but the ash generated from the project will increase the fertility of the soil. ³
Other pollutants	Since the project activity uses poultry litter and other biomass for power generation, which will reduce the odour problem in the region. ⁴
Biodiversity	Project activity will not have significant impact on the biodiversity ⁵ . The project will contribute towards developing a green belt.
Quality of employment	Project activity will have significant change on the quality of employment as people will be trained by experienced staff to run the plant. ⁶
Livelihood of the poor	Project activity will provide employment opportunity to the local people which will raise the livelihood of the poor. ⁷
Access to affordable and clean energy services	Clean energy will be generated and supplied to the grid there by replacing the electricity generated by fossil fuels. ⁸
Human and institutional capacity	Project activity will not employ women labour, but contribute towards overall development of the society.
Quantitative employment and income generation	Project activity will lead to generation of employment opportunities for people during construction and operation of the plant. ⁹
Balance of payments and investment	There is no foreign investment involved.
Technology transfer and technological self-reliance	Company will provide technical training to their staff for continuous operation and maintenance of the power plant. ¹⁰

¹ DPR

² DPR

³ DPR

⁴ DPR

⁵ DPR

⁶ DPR

⁷ DPR

⁸ PPA

⁹ DPR

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References can be an academic or non-academic source, such as a university research document, a feasibility study report, EIA, relevant website, etc.

SECTION E. DISCUSSION ON SUSTAINABILITY MONITORING PLAN

[See Toolkit 2.4.3 and 2.6.1]

Discuss stakeholders' ideas on monitoring sustainable development indicators. Do people have ideas on how this could be done in a cost effective way? Are there ways in which stakeholders can participate in monitoring?

Most of the sustainable development indicators will be monitored as per the monitoring plan included in the GS passport. Stakeholders in general were happy for this project and wanted many projects of this type to come up in the region.

¹⁰ DPR

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SECTION F. DESCRIPTION OF THE DESIGN OF THE STAKEHOLDER FEEDBACK ROUND

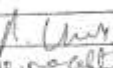
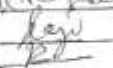
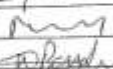
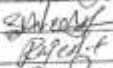
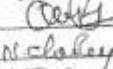
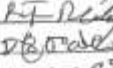
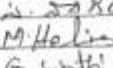
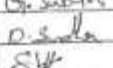
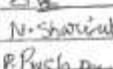
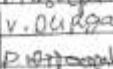
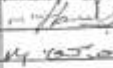
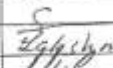
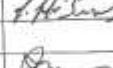
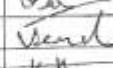
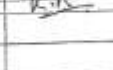










[See Toolkit 2.11]

The first meeting with stakeholders was organised on 5th June 2011 at the project site and subsequent feedback round will be organised in parallel with validation.

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ANNEX 1.	ORIGINAL PARTICIPANTS LIST
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Participants list					
Date and time: 05/06/2011 / 10:00 AM					
Location: GANGAVARAM VILLAGE					
S.N o.	Name of participant, job/ position in the community	Male/ Female	Signature	Organisation (if relevant)	Contact details
1	B. Venkaiiah	M		Redan	Card
2	K.N. Satish	M		Redan	+91-9849230019
3	S. Rajeev	M		Local	9440355528
4	Dr. K. Srinivas Babu	M		Srinivasaiah	9440124919
5	Dr. P. Manohar Reddy	M		Srinivasaiah	9440124946
6	D. Parthasarathi Reddy	M		"	9440851569
7	Dr. Srinivas Reddy	M		"	9502832777
8	Dr. Rajesh G	M		Lab Technician	9705703080
9	C. Ankit Reddy	M		Local	
10	N. Chandra Reddy	M		farmer	
11	C. R. Reddy	M		farmer	
12	D. S. Reddy	M		farmer	
13	N. S. Reddy	M		farmer	
14	M. H. Reddy Nagani	F		farmer	
15	G. Sathi	F		Local	
16	D. Sathi Reddy	F		Local	
17	S. Vijaya Kumari	F		Local	
18	N. Sathi Reddy	F		Local	
19	P. Pushpa	F		Local	
20	V. Durga	F		Local	
21	P. Durga Kumari	M		Local	
22	M. Sathi	M		Local	
23	M. Sathi Reddy	M		Local	
24	Dr. Srinivas Reddy	T		Local	9440124946
25	P. Lakshmi Venugopal	F		Local	9855125527
26	Gopi S. Guman	M		Redan zone	9855442246
27	K. Karthi	M		South Pole	9560189991
28	Srinivasaiah Reddy	F		"	9870582446
29	Venkatam	M		Redan	9989114535
30	K. Karthi	M		South Pole	9560189991

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ANNEX 2. ORIGINAL EVALUATION FORMS

Four sample evaluation forms are attached. Rest will be shown to the DOE.



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Name	Rajesh G
What is your impression of the meeting?	well explained -
What do you like about the project?	employment potential
What do you not like about the project?	none
Signature	Rajesh G



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Name	G. Swathi
What is your impression of the meeting?	Good Information
What do you like about the project?	Remove the bad smell, clean area
What do you not like about the project?	More such projects wanted
Signature	G. Swathi



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Name	C. R. Raby
What is your impression of the meeting?	Overall / good
What do you like about the project?	Nice Project
What do you not like about the project?	
Signature	C. R. Raby



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Name	K. Naga Sarish
What is your impression of the meeting?	good information about environment
What do you like about the project?	Saves environment and good for society
What do you not like about the project?	Size of the project is 7 shw only
Signature	K. Naga Sarish 5/6/11

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