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Annex 1 ODA declarations

<b>SECTION A. Project Title</b>
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**Title** : Installation of biogas plant by INSEDA Members & Partners

**Version** : 01

**Date** : 27<sup>th</sup> November 2009

<b>SECTION B. Project description</b>
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Project activity involves installation of biogas plant in the rural area of Kerala and Madhya Pradesh by INSEDA Members & Partners for utilizing waste properly. The project activity use cow dung and other organic wastes available in the villages in the biodigesters and biogas generated will be used for domestic purpose - Cooking.

Livestock activities have significant impacts on almost all aspects of environment including air, land, soil, water and biodiversity. Animal waste is a significant source of microbiological contamination of drinking water sources as well as increasing the subsequent disease burden. Animal waste contributes excess nutrients, pathogens, organic matter, solids, and odorous compounds to the environment. Mostly organic wastes remain unmanaged in villages and poor management of organic waste leads to contamination of environment. Availability of cow-dung and other organic waste in rural areas can be used to produce biogas in an organized way. Biogas production from the organic waste is an inherent process that takes place in the absence of the oxygen and if it occurs in uncontrolled manner in the environment, it results in emission of methane into the atmosphere and hence leads to global warming.







**Benefits of the project activity:**

- Traditional method of cooking shall be fully replaced. At present direct burning of wood and other organic matters affects eyes due to smoke, emission of CO<sub>2</sub> affects our ozone layer ultimately to create global warming etc.
- Use of clean fuel ultimately leads to total sanitation in the village.
- Transformation of organic wastes in to high quality fertilizer.
- Project provides employment opportunities for the local people during construction and maintenance of the plants.
- It leads to improve the economic level of the local community.

**SECTION C. Proof of project eligibility**

**C.1. Scale of the Project**

*Please tick where applicable:*

Project Type	Large	Small
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>

**C.2. Host Country**

India

**C.3. Project Type**

*Please tick where applicable:*

Project type	Yes	No
Does your project activity classify as a Renewable Energy project?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Does your project activity classify as an End-use Energy Efficiency Improvement project?	<input type="checkbox"/>	<input type="checkbox"/>

*Please specify your project type:*



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**Type** : I – Renewable energy project,  
**Category** : IE – “Switch from Non-Renewable Biomass for Thermal Applications by the User”- Version 01 (EB 37.Annex 6, 1st February 2008)

<b>Pre Announcement</b>	<b>Yes</b>	<b>No</b>
Was your project previously announced?	<input type="checkbox"/>	✓
Explain your statement on pre announcement  No announcement has been made about the project going forward without mention of carbon revenues		

### C.4. Greenhouse gas

[See Toolkit 1.2.d]

<b>Greenhouse Gas</b>	
Carbon dioxide	✓
Methane	<input type="checkbox"/>
Nitrous oxide	<input type="checkbox"/>

### C.5. Project Registration Type

[See Toolkit 1.2.f]

<b>Project Registration Type</b>	
Regular	<input type="checkbox"/>

Pre-feasibility assessment	Retro-active projects (T.2.5.1)	Preliminary evaluation (T.2.5.2)	Rejected by UNFCCC (T2.5.3)
	√	<input type="checkbox"/>	<input type="checkbox"/>

## SECTION D. Unique project identification

### D.1. GPS-coordinates of project location

[See Toolkit 1.6]

	<b>Coordinates</b>
<b>Latitude (Kerala &amp; Madhya Pradesh)</b>	10 <sup>0</sup> 00' N, 23 <sup>0</sup> 30' N respectively
<b>Longitude (Kerala &amp; Madhya Pradesh)</b>	76 <sup>0</sup> 25' E, 80 <sup>0</sup> 00' E respectively



*Explain given coordinates*

The project activity is located in Kerala, which lies between 10<sup>0</sup>00' N and 76<sup>0</sup>25' E, it is bound by south-western part of India and Madhya Pradesh state lies between 23<sup>0</sup> 30' N and 80<sup>0</sup> 00' E on North Western part of India



**SECTION E. Outcome stakeholder consultation process**

**E.1. Assessment of stakeholder comments**

[See Toolkit Annex J]

[See Local Stakeholder Consultation Report B.5 and insert table from ii Assessment of comments. Insert a summary of alterations based on comments]

Stakeholder comment	Was comment taken into account (Yes/ No)?	Explanation (Why? How?)
One of the biogas plant owners asked about the expected time frame for the project to get Certified.	Yes	Mr. Myles, INSEDA answered that before the project gets certified, an external auditor will come and check if the proposed project reflects the situation on the ground and that all the comments raised in pre feasibility assessment were addresses completely which would be included in the validation report before it is submitted to the Gold Standard registry for registration
One of the women asked how they can contribute for the successful operation and maintenance of the plant which would make the project activity successful.	Yes	Mr. Pardhi, technical expert explained they would be given training for the operation of the biogas plant. In case, plant is not working report to the Volunteer, who keeps the monitoring data of all biogas plants in the area, and would inform the NGO representative and problem will be sorted out within 24 hours.

No negative comment was received. Local people were appraising the project.

## E.2. Stakeholder Feedback Round

Please describe report how the feedback round was organised, what the outcomes were and how you followed up on the feedback.

### [See Toolkit 2.11]

Since project activity is the retroactive project activity only main stakeholder consultation was done after getting positive opinion about the project in pre feasibility assessment report.

Gold standard pre feasibility assessment report was circulated among all the stakeholders along with copy of the non-technical summary of the project handed over to the stakeholders in the meeting. Stakeholders were encouraged to make comments on the project activity. Blind sustainable development exercise was organized to get clear picture of their views regarding the project activity. Stakeholders were asked to raise few queries or comments on the project activity also give few suggestions to make the project successful. Individual questionnaires and evaluation forms were given to the stakeholders to assess the project

No negative comment was received. Stakeholders were appraising the project especially women and children who spend lot of time at home.

## SECTION F. Outcome Sustainability assessment

### F.1. 'Do no harm' Assessment

Safeguarding principles	Description of relevance to my project	Assessment of my project risks breaching it (low/medium /high)	Mitigation measure
<b>Human Rights</b>			
The project respects internationally proclaimed human rights including dignity, cultural property and uniqueness of indigenous people. The project is not complicit in Human Rights	The project is dedicated to reducing deforestation and lethal acute respiratory infections and enhancing the livelihoods of rural poor. The project	Low	India (host country) has a statutory body - National Human Rights Commission

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abuses.	endeavours to empower rural people through these measures.		<sup>1</sup> (NHRC)at the national level to safeguard human rights and prevent any violation of the same. Since there are no complaints yet from the NHRC, therefore it can be ascertained that there is low risk to the safeguarding principle due to the project activity.
The project does not involve and is not complicit in involuntary resettlement.	Project activity involves installation of household biogas plant. Since, these biogas plants are installed in the owners home therefore it can be considered that there will be no involuntary resettlement.	None	None
The project does not involve and is not complicit in the alteration, damage or removal of any critical cultural heritage.	The project does not involve and is not complicit in the alteration, damage or removal of any critical cultural heritage in any way.	None	Government of India is a party to UNESCO's "The States Parties to the Convention for the Safeguarding of the Intangible Cultural

<sup>1</sup> <http://nhrc.nic.in/>

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			Heritage (2003) <sup>2</sup> , which aims at protection of cultural heritage and safeguards any violation of the safeguarding principle. Since there have been no complaints, therefore it can be ascertained that there is no risk to the safeguarding principle due to the project activity.
<b>Labour Standards</b>			
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 is relevant to the project activity. INSEDA (PP) along with its member state NGOs will hire local staff to maintain the biogas plants on regular basis.	Low	Local staff will be hired for regular operation and maintenance of the biogas plant and agreement between local staff member and state NGO will have clause for their right to collective bargaining and in any manner will not limit the employee's

<sup>2</sup> <http://www.unesco.org/culture/ich/index.php?pg=00024>

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			<p>freedom and right to collective bargaining.</p> <p>The host country (India) has Ministry of Labour and Employment<sup>3</sup> to oversee that employees' freedom of association and their right to collective bargaining is not restricted.</p>
<p>The project does not involve and is not complicit in any form of forced or compulsory labour.</p>	<p>This is not relevant because people at the project site will be hired through proper channels and mechanism (vacancy announcement).</p>	<p>Low</p>	<p>The project does not involve any form of forced or compulsory labour.</p> <p>Government of India has ratified the ILO convention 29 &amp; 105 on elimination of forced and compulsory labour.<sup>4</sup></p> <p>The host country (India) has Ministry of Labour and</p>

<sup>3</sup> <http://labour.nic.in/>

<sup>4</sup> <http://www.ilo.org/ilolex/english/newratframeE.htm>

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			<p>Employment to prevent forced or compulsory labour.</p> <p>So, it can be ascertained that there is low risk to the safeguarding principle due to the project activity.</p>
<p>The project does not employ and is not complicit in any form of child labour.</p>	<p>This is not relevant because people at the project site will be hired through proper channels and mechanism (vacancy announcement). So no child labour in any form would occur at the project site.</p>	<p>None</p>	<p>The project does not intend to employ children below the age of 18 in any sort of work.</p> <p>Ministry of Labour and Employment, Government of India has acts and policies to prevent child labour and it's a punishable offence under Indian laws.</p> <p>Since there have been no complaints from Ministry of Labour and Employment, therefore, it can be ascertained that there is</p>

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			low risk to the safeguarding principle due to the project activity.
The project does not involve and is not complicit in any form of discrimination based on gender	The project currently employs both male and female. Female employees will keep record of monitoring of the biogas plants while the Male employees will primarily contribute towards field activity. Even the recruitment process is independent of the gender.	Low	Government of India has ratified the ILO convention 100(equal remuneration) and convention 111(Discrimination in employment/occupation) under the ILO Declaration on Fundamental Principles and Rights at Work <sup>5</sup> Ministry of Labour and Employment, Government of India and Human Rights Commission at the national <sup>6</sup> safeguard human rights and prevent any form of discrimination based on race,

<sup>5</sup> <http://www.ilo.org/ilolex/english/newratframeE.htm>

<sup>6</sup> <http://nhrc.nic.in/>

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			<p>colour, gender, religion, sexual orientation, political opinion, national extraction, social origin or physical or mental disability.</p> <p>So, it can be ascertained that there is low risk to the safeguarding principle due to the project activity.</p>
<b>Environmental Protection</b>			
<p>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 an activity raises threats of harm to human health or the environment, precautionary measures should be taken even if some cause and effect relationships are not fully established scientifically</p>	<p>Project activity involves installation of the anaerobic biodigesters to suffice thermal energy demand. It will substitute firewood which was used before the implementation of the biodigesters. Utilizing firewood causes indoor air pollution which leads to health problem. Installations of household biodigesters provide access to clean and green energy.</p>	Low	<p>Local persons will be hired by the state NGO's staff member and training will be provided to them for regular operation and maintenance of the biodigesters. In case of any problems these trained persons will check the systems and</p>

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			rectify the problems.
The project does not involve and is not 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	The project is dedicated to the preservation of critical natural habitats.	Low	In case of problem with the biodigesters local trained persons will check the systems and rectify the problems on priority basis so that local people would not opt for firewood.
<b>Anti-Corruption</b>			
The project does not involve and is not complicit in corruption.	The project does not involve and is not complicit in corruption	None	The host country has Central Vigilance commission <sup>7</sup> which works towards preventing corruption at the national level and state level there are Anti Corruption Bureaus for the same. So, it can be ascertained that there is low

<sup>7</sup> <http://cvc.gov.in/>

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			risk to the safeguarding principle due to the project activity.
<b>Additional relevant critical issues for my project type</b>	<b>Description of relevance to my project</b>	<b>Assessment of my project risks breaching it (low/medium/high)</b>	<b>Mitigation measure</b>
Not identified	Not relevant	No risk	Not applicable

**F.2. Sustainable Development matrix**

[See Toolkit 2.4.2 and Toolkit Annex I]

Insert table in section C3 from your Stakeholder Consultation report (Sustainable Development matrix).

Indicator	Mitigation measure	Relevance to achieving MDG	Chosen parameter and explanation	Preliminary score
Air quality	NA	Goal 4 – <b>reduce child mortality</b>  Goal 6 – <b>Combat other diseases.</b>	Project activity involves switching over from firewood to renewable biogas, generated from anaerobic biodigesters by utilizing cow dung. Therefore, it will lead to improvement in indoor air quality. Hence, will result in decrease of child mortality rate and other respiratory and other dieses.	+
Water quality and quantity	NA		NA	0
Soil condition		Goal 7 – <b>ensure environmental sustainability</b>	Project activity involves application of the slurry from the biodigester to soil. It will enhance the fertility of the soil by providing essential minerals to the soil.	+
Other pollutants	NA		NA	0
Biodiversity	NA	Goal 7 – <b>ensure environmental sustainability</b>	Since, project activity involves replacement of firewood with renewable biogas; it will help in preventing	+

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			desertification. Thus will help in increase in biodiversity by saving the non renewable trees, which were utilized in the baseline for household purposes.	
Quality of employment	NA		Project involves of biogas plants, which doesn't require much trained staff. NGO personnel will provide some technical persons for annual checking and monitoring of all the biogas plants.	+
Livelihood of the poor	NA	Goal 1- <b>eradicate extreme poverty and hunger</b>  Goal 6 – <b>combat other diseases</b>	Project activity will help in increasing livelihood of the poor. As the project will help in improving indoor air quality by switching over from firewood. Thereby, will lead to reduction in diseases. Proper management of animal wastes will lead to better sanitation conditions. Time required for collecting firewood will be saved and thus saved time can be utilized for other important purposes.	+
Access to affordable and clean energy services	NA	Goal 4 – <b>reduce childhood mortality</b> Goal 6 – <b>combat other diseases</b>	Project activity helps in making access to easy and clean energy. It will help in reducing child mortality rate due to	+

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			smoke and pollutants involve in the firewood smoke. Also, will help in reduction of diseases	
Human and institutional capacity	NA	Goal 2 – <b>achieve universal primary education</b> Goal 3 – <b>Empower women</b>	Project activity will help in saving women’s time, by replacing firewood. Most of the time was spent in collecting firewood. Now women can give more time on their children. Also, they can help children in their studies.	+
Quantitative employment and income generation	NA		Project activity lead to employment generation during the construction of the biogas plants. In addition, employment opportunities are provided to the technical trained staff for annual maintenance of the plants.	
Balance of payments and investment	NA			0
Technology transfer and technological self-reliance	NA			0
<b>Justification choices, data source and provision of references</b>				
Air quality	A functioning biogas unit will significantly reduce indoor air pollution compared to the baseline use of fuel wood. Monitoring of the indicator will be based upon the functioning of the biogas plants covered in the project activity. <sup>8</sup>			
Water quality and quantity	Project activity will not have significant impact on water quality			

<sup>8</sup> <http://mnre.gov.in/booklets/Book1-e.pdf> (page-13)

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Soil condition	Monitoring parameter is chosen. Project activity will lead to improvement in soil condition by the application of slurry <sup>9</sup> .
Other pollutants	No significant change due to the project activity.
Biodiversity	Project activity will save non-renewable biomass which will lead to increase in Biodiversity. Thus, will help in attaining sustainable development of the forests. <sup>10</sup>
Quality of employment	Project activity will not have any significant change on the quality of employment as trained persons are required to build the plants and monitoring of the plants will be done annually by checking the number of plants operating regularly. <sup>11</sup>
Livelihood of the poor	Project activity will help in saving the time required for collecting firewood. Time thus saved could be utilized by women, in spending quality time in their homes. Looking after the children and helping them in their studies. <sup>12</sup>
Access to affordable and clean energy services	The functionality of the biogas units is the most practical way to demonstrate access to clean and affordable energy services. <sup>13</sup>
Human and institutional capacity	The reduction in time spent collecting fuel wood will show the improvement in time that is now available to be spent by children on their education and by women on income generating activities. <sup>14</sup>
Quantitative employment and income generation	The number of people employed by the project activity will be monitored as described below. <sup>15</sup>
Balance of payments and investment	No significant change due to the project activity.
Technology transfer and technological self-reliance	No significant change due to the project activity.

<sup>9</sup> <http://mnre.gov.in/booklets/Book1-e.pdf> (page-12)

<sup>10</sup> <http://mnre.gov.in/booklets/Book1-e.pdf> (page-13)

<sup>11</sup> <http://mnre.gov.in/booklets/Book1-e.pdf> (page-13)

<sup>12</sup> <http://mnre.gov.in/booklets/Book1-e.pdf> (page-13)

<sup>13</sup> <http://mnre.gov.in/booklets/Book1-e.pdf> (page-13)

<sup>14</sup> <http://mnre.gov.in/booklets/Book1-e.pdf> (page-13)

<sup>15</sup> <http://mnre.gov.in/booklets/Book1-e.pdf> (page-13)

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### SECTION G. Sustainability Monitoring Plan

No	1	
Indicator	Air Indicator	
Mitigation measure	N/A	
<i>Repeat for each parameter</i>		
Chosen parameter	Functionality of biogas	
Current situation of parameter	Functional	
Future target for parameter	Proper functioning of biogas plants	
Way of monitoring	How	NGO's representatives will check the functioning of biogas plants
	When	Daily
	By who	Respective NGO representatives

No	2	
Indicator	Biodiversity	
Mitigation measure	N/A	
<i>Repeat for each parameter</i>		
Chosen parameter	Amount of firewood saved	
Current situation of parameter	Firewood has been replaced by renewable biogas	
Future target for parameter	Non-renewable biomass will be replaced by renewable biogas	
Way of monitoring	How	Amount of firewood saved per household by functioning of biogas plant
	When	yearly
	By who	Survey conducted by third party

No	3	
Indicator	Livelihood of the poor	
Mitigation measure	N/A	
<i>Repeat for each parameter</i>		
Chosen parameter	Reduction in the amount of time spent collecting fuel wood and the total amount spent on fuel wood and kerosene	
Current situation of parameter	Improving	
Future target for parameter	Livelihood of the poor will be increased	
Way of monitoring	How	Survey will monitor amount of hours spend on collecting fuel wood
	When	Annually
	By who	Survey conducted by third party

No	4	
Indicator	Access to clean and affordable energy	
Mitigation measure	N/A	

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<i>Repeat for each parameter</i>		
Chosen parameter		Functionality of biogas units.
Current situation of parameter		Biogas plants are functional
Future target for parameter		All biogas plants will be functional
Way of monitoring	How	Trained persons will check number of biogas unit working
	When	Weekly
	By who	Respective NGO representatives & report will be verified by third party

No		5
Indicator		Soil Condition
Mitigation measure		N/A
Repeat for each parameter		
Chosen parameter		Application of Slurry from biodigesters
Current situation of parameter		Slurry is used as organic manure
Future target for parameter		Slurry will be used as organic manure
Way of monitoring	How	Slurry will be collected and used as organic manure in the fields
	When	Depends on field requirement
	By who	Plant owners

No		6
Indicator		Quality of employment
Mitigation measure		N/A
Repeat for each parameter		
Chosen parameter		Number of technical staff
Current situation of parameter		INSEDA & its member organization are providing training to local people for regular operation and maintenance of the plant
Future target for parameter		Number of technical staff will be increased
Way of monitoring	How	Training & workshops will be conducted for local people
	When	Continuous
	By who	INSEDA & its member organization

### Additional remarks monitoring

Third party survey will be conducted in Kerala and Madhya Pradesh in each monitoring period to check sustainable monitoring parameters and results of the survey will be made available at the time of verification

**SECTION H.      Additionality and conservativeness**



This section is only applicable if the section on additionality and/or your choice of baseline does not follow Gold Standard guidance

**H.1.      Additionality**

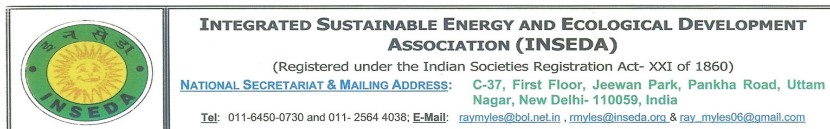
Additionality and the choice of baseline follow Gold Standard guidance. There is no deviation between the demonstration of additionality and conservativeness in the PDD of the Gold Standard VER project.

**H.2.      Conservativeness**

This section is not applicable as this is a GS VER project.



**ANNEX 1 ODA declarations**



RAYMOND MYLES  
SECRETARY GENERAL-CUM-CHIEF EXECUTIVE

Date- 09/11/2009

**Project reference:** Installation of Biogas Plant by INSEDA Members & Partners

**To:** Gold Standard Foundation

**Sub:** Declaration of Non-Use of Official Development Assistance by Project Owner

As Project Owner of the above-referenced project, acting on behalf of all project participants,

I now make the following representations:

i am familiar with the provisions of Gold Standard Documentation relevant to Official Development Assistance (ODA). I understand that the above-referenced project is not eligible for Gold Standard registration if the project receives or benefits from Official Development Assistance under the condition that some or all credits coming out of the project are transferred to the ODA donor country. I now expressly declare that no financing provided in connection with the above-referenced project has come from or will come from ODA that has been or will be provided under the condition, whether express or implied, that VERs credits issued as a result of the project's operation will be transferred directly or indirectly to the country of origin of the ODA.

if i learn or if i am given any reason to believe at any stage of project design or implementation that ODA has been used to support the development or implementation of the project, or that an entity providing ODA to the host country may at any point of time in future benefits directly or indirectly from the credits generated from the project as a condition of investment, I will make this known to the Gold Standard immediately.

i am fully aware that under Section 10 of the Gold Standard Terms and Conditions sanctions and damages may be incurred for the provision of false information related to Projects and/or Gold Standard credits.

Signed:   
Name: Raymond Myles  
Title: Secretary General-cum-Chief Executive

On behalf of: Integrated Sustainable Energy & Ecological Development Association (INSEDA)

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