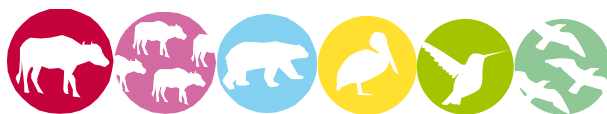


ANNEX R – PASSPORT TEMPLATE

CONTENTS



- A. Project title**
- B. Project description**
- C. Proof of project eligibility**
- D. Unique Project Identification**
- E. Outcome stakeholder consultation process**
- F. Outcome sustainability assessment**
- G. Sustainability monitoring plan**
- H. Additionality and conservativeness deviations**
- Annex 1 ODA declarations**

SECTION A. Project Title

[See Toolkit 1.6]

Title: WWF Meigu Panda Habitat Conservation Clean Cookstove Project

Date: 07/06/2017

Version no.: 01

SECTION B. Project description

[See Toolkit 1.6]

The expected construction start date is 30/06/ 2017.

The purpose of the project activity is to facilitate clean cooking practices and reduce health risk due to indoor air pollution along with household drudgery amongst the tribal household and families living in villages of Meigu County Dafengding Nature Reserve through dissemination of high efficient cook stoves. The high efficient cook stoves through replacement of inefficient traditional cook stove will contribute towards reduction of Green House Gases emission and by-products of incomplete combustion like black carbon, conservation of fuel wood and prevent forest degradation. Successful operation of the project activity will encourage rural residents to shift from traditional cook stoves usage to the project high efficient and modern cook stove.

The conventional cook stoves are used by the inhabitants living in the Dafengding Nature Reserve (henceforth DNR) in Sichuan province, P.R. China—with firewood-saving cook stoves (HES). The DNR is located in the province of Sichuan, in a mountainous (subtropical) area in China. The reserve is one of the important giant panda protect area as well as many other wild animals and plants.

Nowadays, firewood is still the primary fuel source for cooking and heating in the local communities within the deep mountains in Meigu County. Every year each household needs to collect a huge amount of firewood from their forest area and store in their house. As a result, the forest has been degraded over years.

The high efficient cook stove is a mature technology in China, which can save about 40-70% wood by improving the thermal efficiency of the fuel, and it can also extract the smoke and gas out of the kitchen to better protect the health. Meanwhile, the project can significantly reduce the workload and time spent on cutting wood every year and hence improves the community development.

At present, the people who live in the reserve cut down a huge amount of trees each year for cooking, heating and other purposes, causing the reserve's forest to retreat rapidly.



Due to the DNR area's underdeveloped transportation infrastructure, patchy electricity supply and high electricity prices, there is no affordable alternative to replace wood as a source of heat and power. Without outside financial support, such as a carbon subsidy or third party donation, the local people will not be able to afford to upgrade their stoves. To solve this challenge, WWF Switzerland act as the Project Owner, pay all the HES investment in return for future GS VERs derived from the project.

SECTION C. Proof of project eligibility

C.1. Scale of the Project

[See Toolkit 1.2.a]

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 type="checkbox"/> | <input type="checkbox"/> |
| |  | <input type="checkbox"/> | <input type="checkbox"/> |
| |  | <input type="checkbox"/> | <input type="checkbox"/> |

| | |
|---|-------------------------------------|
|  | <input checked="" type="checkbox"/> |
|---|-------------------------------------|

C.2. Host Country

[See Toolkit 1.2.b]

P. R. China

C.3. Project Type

[See Toolkit 1.2.c and Annex C]

Please tick where applicable:

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

Please justify the eligibility of your project activity:

The project is a high efficiency biomass fired cook stove project with the specified efficiency around 25%. The improved stoves being more fuel-efficient compared to the traditional cook stoves, the technologies reduce non-renewable biomass used by end-users relative to the baseline scenario. Thus, the project is classified as End-use Energy Efficiency project.

The project involves the transfer 500 HES to local households. And the project will reduce GHG emissions by 8,728 tCO₂e annually, which met the application the scope of Gold Standard micro scale project.

| Pre Announcement | Yes | No |
|---|--------------------------|-------------------------------------|
| Was your project previously announced? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Explain your statement on pre announcement Not applicable. | | |

C.4. Greenhouse gas

[See Toolkit 1.2.d]

| Greenhouse Gas | |
|----------------|-------------------------------------|
| Carbon dioxide | <input checked="" type="checkbox"/> |
| Methane | <input type="checkbox"/> |
| Nitrous oxide | <input type="checkbox"/> |

C.5. Project Registration Type

[See Toolkit 1.2.f]

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

| Pre-feasibility assessment | Retroactive projects (T.2.5.1) | Preliminary evaluation (eg: Large Hydro or palm oil-related project) (T.2.5.2) | Rejected by UNFCCC (T2.5.3) |
|----------------------------|-------------------------------------|---|--------------------------------|
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

If Retroactive, please indicate Start Date of project activity dd/mm/yyyy: _____

SECTION D. Unique project identification

D.1. GPS-coordinates of project location

[See Toolkit 1.6]

| | Coordinates |
|-----------|--------------|
| Latitude | 17°43'38" N |
| Longitude | 104°34'19" E |



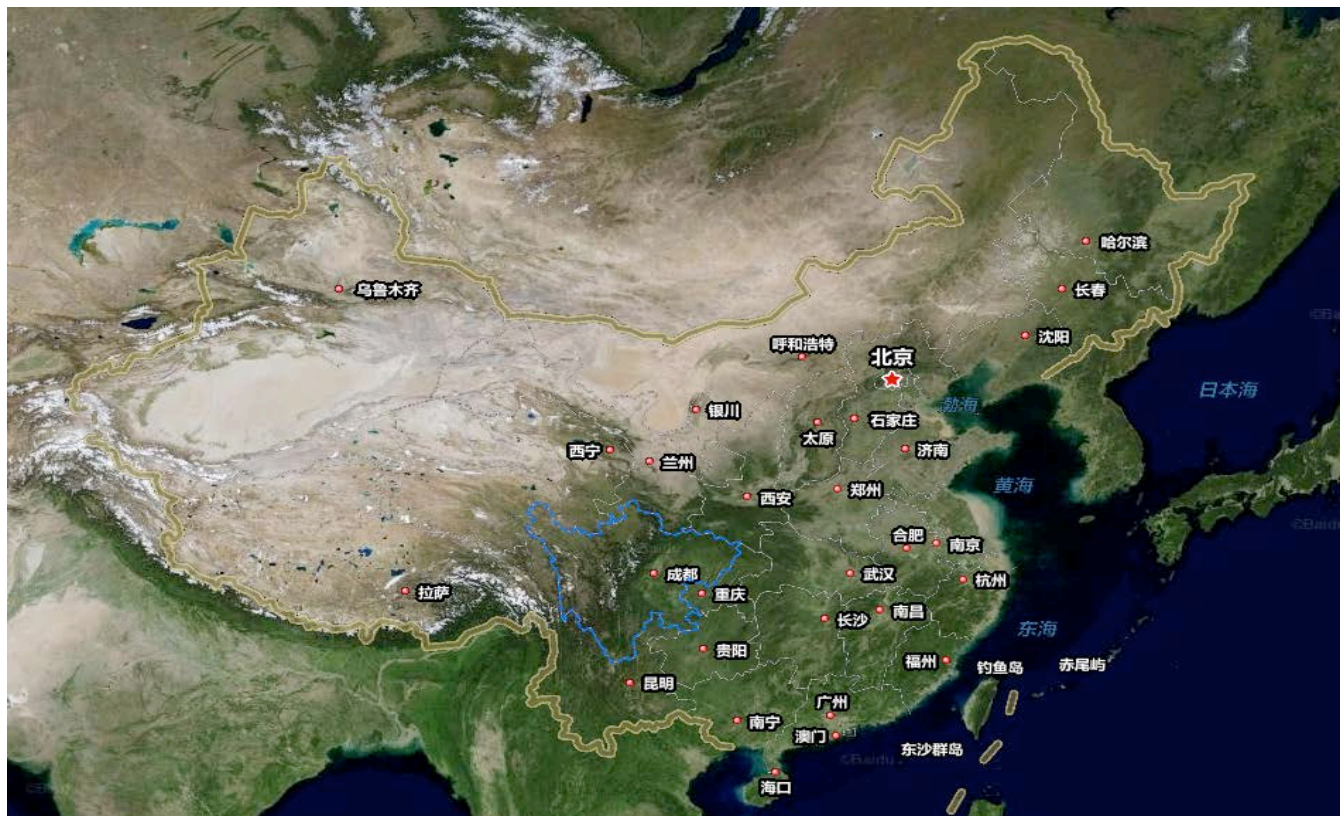
Explain given coordinates

N/A

D.2. Map

[See Toolkit 1.6]

Pic.1 Location of Sichuan Province



Pic Location of Meigu County



[See Annex J]

[See Local Stakeholder Consultation Report B.5 and insert table from “C.3.iii Assessment of all comments”. Insert a summary of alterations based on comments]

There is no negative indicator during the meeting. The overall feedback to the project was positive. The only comment from stakeholder is shown as table below:

Table C.3.iii Assessment of all comments

| Stakeholder comment | Was comment taken into account (Yes/ No)? | Explanation (Why? How?) |
|---|---|---|
| The villagers wondered what they need to do in order to involve in the project. | Yes | The villagers were just required to cooperate with the construction work of the stoves, provide simple assistance, and report any issues need to be fixed or maintained in case the stove is not function well. |

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]

1. The invitation letter was sent out via email as follows:

Dear Sir/Madam,

WWF Meigu Panda Habitat Conservation Clean Cookstove Project is a Gold Standard VER candidate project. The physical meeting is to be held to collect opinions from stakeholders regarding the impacts from the project according to the requirement of Gold standard.

The meeting will be held at Longwo & Shuwo Towns on April 12th, 2017(Wednesday). There will be an introduction and comments collecting sections. As the project participants, we humbly accept the advices, comments and suggestion of all stakeholders. We are looking forward to your attendance.

Your presence is welcomed.

Kind regards

WWF Switzerland

Contact Person: Mr He Xin

Mobile: 13734928035

South Pole Carbon Asset Management Ltd.

Contact Person: Mr Xuan Yang

Telephone: 0086-10-84549953

世界自然基金会美姑大熊猫栖息地保护区节柴灶项目

利益相关方大会邀请函

尊敬的先生/女士,

世界自然基金会美姑大熊猫栖息地保护区节柴灶项目是黄金标准 VER 的候补项目。根据黄金标准的要求, 此次大会将对本项目会产生的影响, 向利益相关方征集意见。

大会将于 2017 年 4 月 12 日 (周三) 在龙窝乡和树窝乡召开。大会内容包括项目介绍和意见征集。作为项目参与方, 我们会虚心接受大家的意见和建议。我们期待您的出席。

届时, 欢迎您的到来。

此致敬礼

世界自然基金会 (瑞士)

联系人: 何欣

电话: 13734928035

南极碳资产管理有限公司

联系人: 杨旻

电话: 0086-10-84549953

Photo of the individual invitation:

From: **Yunbo Li** <y.li@thesouthpolegroup.com>
 Date: 2017-03-16 14:04 GMT+08:00
 Subject: Invitation for Gold Standard Local Stakeholder Consultation of WWF Meigu Panda Habitat Conservation Clean Cookstove Project
 To: shirley@cdmgoldstandard.org, annyta@cdmgoldstandard.org
 Cc: Xuan Yang <x.yang@southpolecarbon.com>, Bella.Roscher@wwf.ch, xhe@wwfchina.org, info@goldstandard.org, info@reeep.org, wfchina@wwfchina.org, liam@wwfthai.org, nick@solar-aid.org, eradicatepoverty@hotmail.com, paul@davidsuzuki.org, michael@awish.net, contact@goodplanet.org, daniel.magallon@energy-base.org, chinansifoundation07@gmail.com, amarkham@cleanair-coolplanet.org, ed@enpho.org, lambing@e5.org, i.watt@forumforthefuture.org.uk, georges.morizot@gevalor.org, coord@grian.ie, evan.haigler@impactcarbon.org, carbone@id-ong.org, mwood@mc.edu.ph, nickp@sustainabletravel.com, info@zeroregional.com, anna.vilde@ecoclub.kiev.ua, Caspar Chiquet <c.chiquet@thesouthpolegroup.com>, fundclimahonduras@yahoo.com, ecodiversidadcolombia@gmail.com, mozaharul.alam@bcas.net, sano.stec@gmail.com

Dear Secretariat of Gold Standard,

Dear GS Experts,

Dear International and Local NGOs,

Dear Sir/Madam whoever concerns,

WWF and South Pole Carbon Asset Management Ltd. are planning to conduct Local Stakeholder Consultation for *WWF Meigu Panda Habitat Conservation Clean Cookstove Project*.

The proposed project will be developed only as a Gold Standard VER project. Please see attached:

1. Invitation letter in English and Chinese
2. Project non-technical summary in English and Chinese
3. Feedback form

With this invitation letter, the project participants would like to invite you to participate/witness this Gold Standard Local Stakeholder Consultation meeting. The meeting will be held at Longwo & Shuwo Towns of Meigu County, Liangshan Yi Autonomous Prefecture, Sichuan Province, P.R.China on April 12th, 2017 (Wednesday).

If you cannot participate the meeting, please send the Feedback with your signature to us before April 12th, 2017. If you have questions, please contact us without hesitation.

The contact person:

WWF Switzerland
 Contact Person: Mr Xin He
 Mobile: [13734928035](tel:13734928035)

South Pole Carbon Asset Management Ltd.
 Contact Person: Mr Xuan Yang
 Telephone: [0086-10-84549953](tel:0086-10-84549953)

Kind regards

Yunbo

south pole group · since 2006 · celebrating 10 years of global sustainability solutions

The Exchange Beijing, Jianguo Ave B-118·100022· Beijing

北京市朝阳区建国路乙118号京汇大厦1107 邮编:100022

phone: [+86 18701012419](tel:+86-18701012419) email: y.li@thesouthpolegroup.com

skype: Yunbo Li

22 April 2017, no comments from any invited NGOs or governmental officials were received.

2. Physical meetings

The Dafengding Nature Reserve has organized a physical meeting in Longwo Town's governmental meeting room on 22 April 2017, to collect comments from local stakeholders regarding the installation of high efficient cookstoves.

2.1 Invitations

The Dafengding Nature Reserve has used public notice and door-to-door to invite representative stakeholder for participating the meeting, 70 of them has actually attended the meeting. Invitation notice is shown as follow:



Picture 1 Public notice for meeting invitation

2.2 Minutes of the meeting

The meeting was carried out in the following order:

a) Registration

Participants signed the attendance list.

b) Welcome remarks

The project proponents welcomed the participants and explained the purpose of the agenda.

c) Project Overview and introduction

The organizer explained the Project, its technology and explained the GS-VER application for the Project. The non-technical summary was used as a basis for this.

d) Questions and Answers

- Where is construction materials coming from?
- What are impacts on environment and benefits to the local people?

All these questions were fully and satisfactorily answered by the project proponents.

e) Declared the meeting closed

The project proponents expressed their appreciation to all participants who attended the meeting and who offered many constructive suggestions.

2.3 On-site photos of the meeting





2.4 Outcomes of the meeting

No negative comment was received in the meeting. All the participants showed their support and expectation for the proposed project in the meeting.

E. 3. Discussion on continuous input / grievance mechanism

[See Annex W]

Discuss the Continuous input / grievance mechanism expression method and details, as discussed with local stakeholders.

| | Method Chosen (include all known details e.g. location of book, phone, number, identity of | Justification |
|--|--|---------------|
| | | |

| | | |
|--|---|--|
| | mediator) | |
| Continuous Input / Grievance Expression Process Book | One grievance expression book is retained in each village of Longwo Township and Shuwo Township. | The grievance expression book is kept by the leader of the villages. Anyone can go to the leader of the villages and record their grievance in the book. |
| Telephone access | 13734928035 | Mr. He Xin, WWF contact person |
| Internet/email access | xhe@wwfchina.org | Mr. He Xin, WWF contact person |

All issues identified during the crediting period through any of the Methods shall have a mitigation measure in place. The identified issue should be discussed in the revised Passport and the corresponding mitigation measure should be added to sustainability monitoring plan in section G.

SECTION F. Outcome Sustainability assessment

F.1. 'Do no harm' Assessment

[See Toolkit 2.4.1 and Annex H]

| Safeguarding principles | Description of relevance to my project | Assessment of my project risks breaching it (low, medium, high) | Mitigation measure |
|--------------------------------|---|--|---------------------------|
| | | | |

| | | | |
|---|---|-----|-----|
| 1 The project respects internationally proclaimed human rights including dignity, cultural property and uniqueness of indigenous people. The project is not complicit in human rights abuses. | <p>The Constitution of the People's Republic of China regulates that the nation respect and protect human rights including dignity, cultural property and uniqueness of indigenous people.</p> <p>The habit of the local people is considered and studied seriously previously. The new stove won't compact the cooking habits or their living manners.</p> | Low | N/A |
| 2 The project does not involve and is not complicit in involuntary resettlement. | No resettlement involved in the project. | Low | N/A |
| 3 The project does not involve and is not complicit in the alteration, damage or removal of any critical cultural heritage. | The project engages in take the place of the old stoves within the indoor and could do no harm to any cultural heritage. | Low | N/A |
| 4 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. | <p>The project fully respects the employee's freedom and rights in compliance with China law.</p> <p>Ref: The Labor Law of the People's Republic of China, article 17.</p> | Low | N/A |

| | | | |
|---|--|-----|-----|
| 5 The project does not involve and is not complicit in any form of forced or compulsory labor. | <p>All employees are engaged in the project implementation on a voluntary basis. The project fully respects the employee's rights in compliance with China law.</p> <p>Ref: The Labor Law of the People's Republic of China, article 96.</p> | Low | N/A |
| 6 The project does not employ and is not complicit in any form of child labor. | <p>The proposed project requires a limited number of skilled employees to operate, maintain and manage the plant. Therefore, it does not employ and is not complicit in any form of child labor.</p> <p>The Host country has its own credible legislation in place prohibiting child labor.</p> <p>Ref: The Labor Law of the People's Republic of China, article 15.</p> | Low | N/A |
| 7 The project does not involve and is not complicit in any form of discrimination based on gender, race, religion, sexual orientation or any other basis. | <p>China labor legislation forbids any form of discrimination based on nation, race, gender, religion or on any other basis.</p> <p>Ref: The Labor Law of the People's Republic of China, article 12.</p> | Low | N/A |
| 8 The project provides workers | The construction of the project happens | Low | N/A |

| | | | |
|--|---|-----|-----|
| with a safe and healthy work environment and is not complicit in exposing workers to unsafe or unhealthy work environments. | inside local households, which in general does not expose workers to unsafe or unhealthy work environments. | | |
| 9 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>The project would reduce the air pollution and woodcutting and protect the human health and environment.</p> <p>There is no environmental risk producing from the cook stove.</p> | Low | N/A |
| 10 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 | <p>The goal of the project is to reduce the natural impact of human. As the operating of the project, the forest and biodiversity would be well protected.</p> <p>As a sustainable and environmental friendly project, the chance to threaten the natural habitats is negligible.</p> | Low | N/A |

| | | | |
|--|--|--|---------------------------|
| value or (d) recognized as protected by traditional local communities. | | | |
| 11 The project does not involve and is not complicit in corruption. | The project would supply the high-efficiency stoves to each family within the project boundary in a quite fair manner. The project budget would be put into use at one time in the beginning of the project, so there is no corruption risk goes along with the project. | Low | N/A |
| 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 |
| 1 Whether the new stove meet the cook habit of the local inhibitions. | The new stove would not change the cooking instrument and habit of the local household. The type of the new stove is similar to the old ones. | Low | N/A |

F.2. Sustainable Development matrix

[See Toolkit 2.4.2 and Annex I]

Insert table as in section D3 from your Stakeholder Consultation report (Sustainable Development matrix).

| 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 | N/A | Improve maternal health. Reduce child mortality. Ensure environmental sustainability | -Parameter: Total suspended particulate (TSPM) Respirable suspended particulate matter (RSPM) Reduction in wood used will reduce emissions of carbon dioxide, total suspended particulate matter and respirable suspended particulate matter. | + |
| Water quality | N/A | Ensure | Not directly | 0 |

| | | | | |
|------------------|-----|---|---|---|
| and quantity | | environmental sustainability | <p>related to the water quality and quantity. Project could potentially purify the river by protect the forest.</p> <p>However, monitoring of this indicator is beyond the project scope and dependent on other external factors. Hence was rated as neutral.</p> | |
| Soil condition | N/A | Ensure environmental sustainability | <p>Not directly related to the soil condition.</p> <p>Project could Slow down the degrading of forest, and in hence protect and improve the soil in the long way.</p> <p>However, monitoring of this indicator is beyond the project scope and dependent on other external factors. Hence was rated as neutral.</p> | 0 |
| Other pollutants | N/A | <p>Improve maternal health.</p> <p>Reduce child</p> | <p>Cook stoves won't cause any other pollution.</p> | 0 |

| | | mortality | | |
|-----------------------|-----|---|---|---|
| Biodiversity | N/A | Ensure environmental sustainability: Reduce biodiversity loss | <p>- Parameter: Number of affected habitats.</p> <p>Reduce the human impact to the forest and protect the biodiversity.</p> <p>This parameter may however prove difficult to measure; hence it scores a neutral zero.</p> | 0 |
| Quality of employment | N/A | Stove construction and maintenance would not only provide employment but also provide a high quality of transferable skills to persons in the area. This would prove fruitful for future stove construction projects in the region. | <p>- Parameter: Number of people employed through the different phases of the project, and any skills/training they will receive to enable them to perform their jobs.</p> <p>Local artisans will undergo a short course on stove design and construction. This will equip them with valuable skills in stove construction and stove maintenance. These are all skills that will be</p> | + |

| | | | | |
|------------------------|-----|--------------------------------------|---|---|
| | | | able to use in the future to gain employment. | |
| Livelihood of the poor | N/A | Eradicate extreme poverty and hunger | <p>-Parameter: wood savings and time savings for wood collection in project scenario compared to baseline.</p> <p>In baseline scenario, local household mainly chop woods from the forest for daily energy consumption. A few of them also purchase woods from local market. Reduction in wood required for cooking will result in a reduction of time and efforts spent collecting fuel. Less expenditure on cooking fuel also releases a portion of household income for other uses. Reduced smoke exposure will benefit the health of women and children, who are most usually</p> | + |

| | | | | |
|--|-----|--------------------------------------|--|---|
| | | | <p>present during cooking. And finally, reduction in wood required for cooking will result in the time saving on cooking fuel collection.</p> <p>Through comparing the reduction in wood per household to the cost of wood it will be possible to calculate financial savings made by households. The saving on time spent for wood collection will be also measured and compared to the baseline.</p> | |
| Access to affordable and clean energy services | N/A | Eradicate extreme poverty and hunger | <p>-Parameter: Number of functional stoves.</p> <p>-Reduce the traditional firewood consumption .</p> | + |
| Human and institutional capacity | N/A | N/A | The project won't supply additional training opportunity to women and children. | 0 |

| | | | | |
|--|--|--------------------------------------|---|---|
| Quantitative employment and income generation | | Eradicate extreme poverty and hunger | <p>- Parameter: Income generated from employment created by the project.</p> <p>Supply more job opportunities for local people and improve their income during the construction and maintenance period.</p> | + |
| Balance of payments and investment | N/A | N/A | The chance of the project bringing more investment is unclear. | 0 |
| Technology transfer and technological self-reliance | N/A | N/A | No new technology is import from outside. | 0 |
| <p>Justification choices, data source and provision of references</p> <p>A justification paragraph and reference source is required for each indicator, regardless of score</p> | | | | |
| Air quality | <p>According to the survey on indoor smoke exposure status of women and children in poor rural areas, the rate of eye irritant symptom and upper respiratory symptom are quite high among pupil. Women are exposed in indoor smoke for 6 hours per day.</p> <p>Fang Shen, Study on the status of Exposure to Indoor Smoke by women and children and study on intervention strategy in poor rural areas [D]. Sichuan: Sichuan University, 2003.</p> | | | |
| Water quality and | Forest cover has significant impact on the water circulation | | | |

| | |
|------------------------|--|
| quantity | <p>of terrestrial ecosystem, and change on hydrological process and watershed runoff.</p> <p>Peili Shi, Wenhua Li, Influence of forest cover change on hydrological process and watershed runoff [J]. JOURNAL OF NATURAL RESOURCES, 2001, 16(5)</p> <p>https://wenku.baidu.com/view/11c69dc2d5bbfd0a79567304.html</p> |
| Soil condition | <p>Forest reduction will change original ecosystem and lead to physical change of soil condition, including temperature, humidity, porosity etc.</p> <p>Ping Sun, Xinquan Zhao, Shixiao Xu, Influence of Land Utilization on Biodiversity [J]. Ecological Economy, 2002(1)</p> |
| Other pollutants | <p>There is no evidence to suggest that the project will relate to any other pollutants. There is no evidence of a direct relationship between the improved stove to be used in the project and the other emissions of air pollutants beside the stated above in the air quality indicator</p> <p>University of Berkeley: Smith, K.R., Dutta, K., Gusain, P.P.S., Masera, O., Berrueta, V., Edwards, R., Bailis, R., Shields, K.N., . (2007). Monitoring and evaluation of improved biomass cookstove programs for indoor air quality and stove performance: conclusions from the Household Energy and Health Project. Energy for Sustainable Development. XI (2), 5-18.</p> |
| Biodiversity | <p>Forest reduction will change original ecosystem and lead to functional degrade of ecosystem and fragmentation of habitat, which further result in change or loss of biodiversity.</p> <p>Ping Sun, Xinquan Zhao, Shixiao Xu, Influence of Land Utilization on Biodiversity [J]. Ecological Economy, 2002(1)</p> |
| Quality of employment | <p>The project will supply more job opportunities for local people and improve their income during the construction and maintenance period.</p> <p>Baseline report of the proposed project</p> |
| Livelihood of the poor | <p>Reduction in wood required for cooking will result in a reduction of time and efforts spent collecting fuel. Less expenditure on cooking fuel also releases a portion of household income for other uses. Reduced smoke exposure will benefit the health of women and children, who are most usually present during cooking. And finally,</p> |

| | |
|---|---|
| | reduction in wood required for cooking will result in the time saving on cooking fuel collection. Baseline report of the proposed project |
| Access to affordable and clean energy services | The project will reduce the traditional firewood consumption. Baseline report of the proposed project |
| Human and institutional capacity | The project will not have impact on human and institutional capacity of local area. Baseline report of the proposed project |
| Quantitative employment and income generation | The project provides job opportunities to the local people and increase income generation in the region. Baseline report of the proposed project |
| Balance of payments and investment | The chance of the project bringing more investment is unclear. Baseline report of the proposed project |
| Technology transfer and technological self-reliance | No new technology is import from outside. Baseline report of the proposed project |

SECTION G. Sustainability Monitoring Plan

[See Toolkit 2.4.3 and Annex I]

Copy Table for each indicator

| | |
|---|--|
| No | 1 |
| Indicator | Air quality |
| Mitigation measure | |
| <i>Repeat for each parameter</i> | |
| Chosen parameter | Total suspended particulate (TSPM) Respirable suspended particulate matter (RSPM) |
| Current situation of parameter | Low efficiency stoves |
| Estimation of baseline situation of parameter | Serious cooking-smoke pollution. Cause health problem such as eye sick. |

| | | |
|-----------------------------|--------|---------------------------------|
| Future target for parameter | | Obvious indoor smoke reduction. |
| Way of monitoring | How | Interview the users |
| | When | Annually after the operation |
| | By who | Project owner |

| | | |
|---|--------|---|
| No | | 2 |
| Indicator | | Biodiversity |
| Mitigation measure | | |
| <i>Repeat for each parameter</i> | | |
| Chosen parameter | | Number of affected habitats. |
| Current situation of parameter | | |
| Estimation of baseline situation of parameter | | |
| Future target for parameter | | Reduce the human impact to the forest and protect the biodiversity. |
| Way of monitoring | How | Interview local expert |
| | When | Once after the operation |
| | By who | Project owner |

| | | |
|---|--|---|
| No | | 3 |
| Indicator | | Quality of employment |
| Mitigation measure | | |
| <i>Repeat for each parameter</i> | | |
| Chosen parameter | | Number of people employed, and any skills/training provided by the project. |
| Current situation of parameter | | |
| Estimation of baseline situation of parameter | | No job opportunities were provided in the absence of the project |
| Future target for parameter | | Stove maintenance will be able to use in the future to gain |

| | | |
|-------------------|--------|-------------------------------|
| | | employment. |
| Way of monitoring | How | Recorded by the project owner |
| | When | Annually after the operation |
| | By who | Project owner |

| | | |
|---|---|------------------------------|
| No | 4 | |
| Indicator | Livelihood of poor | |
| Mitigation measure | | |
| <i>Repeat for each parameter</i> | | |
| Chosen parameter | Wood savings and time savings for wood collection in project scenario compared to baseline. | |
| Current situation of parameter | Firewood collected by each household | |
| Estimation of baseline situation of parameter | Local households chop woods from the forest for daily energy consumption. A few of them also purchase woods from local market. | |
| Future target for parameter | Reduction in wood required for cooking will result in a reduction of time and efforts spent collecting fuel. Less expenditure on cooking fuel also releases a portion of household income for other uses. Reduced smoke exposure will benefit the health of women and children, who are most usually present during cooking. And finally, reduction in wood required for cooking will result in the time saving on cooking fuel collection. | |
| Way of monitoring | How | Interview the users |
| | When | Annually after the operation |
| | By who | Project owner |

| | | |
|----------------------------------|--|--|
| No | 5 | |
| Indicator | Access to affordable and clean energy services | |
| Mitigation measure | | |
| <i>Repeat for each parameter</i> | | |

| | | |
|---|--------|---|
| Chosen parameter | | Number of functional stoves. |
| Current situation of parameter | | |
| Estimation of baseline situation of parameter | | |
| Future target for parameter | | Reduce the traditional firewood consumption |
| Way of monitoring | How | Record the number of functional stoves |
| | When | Constantly |
| | By who | Project owner |

| | | |
|---|--------|---|
| No | | 6 |
| Indicator | | Quantitative employment and income generation |
| Mitigation measure | | |
| <i>Repeat for each parameter</i> | | |
| Chosen parameter | | Income generated from employment created by the project. |
| Current situation of parameter | | |
| Estimation of baseline situation of parameter | | |
| Future target for parameter | | Supply more job opportunities for local people and improve their income during the construction and maintenance period. |
| Way of monitoring | How | Record the number of people employed and payments to the employees |
| | When | Annually |
| | By who | Project owner |

Additional remarks monitoring

N/A

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

[See Toolkit 2.3]

Please refer to PDD.

H.2. Conservativeness

ANNEX 1 ODA declaration

[See Toolkit Annex D]

N/A