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SECTION A. PROJECT DESCRIPTION

A. 1. Title of the project activity

Title: WWF Meigu Panda Habitat Conservation Clean Cookstove Project

Date: 19/09/2017

Version no.: 02

A. 2. Project eligibility under the Gold Standard

Micro scale VER project with expected emission reduction lower than 10,000tCO₂e per year.

Project is engaged in reducing the non-renewable biomass for household by improve the efficiency of the cook stove with the type of ***Improved distributed heating and cooking devices***.

The project reduces the greenhouse gas of **CO₂**.

The project hasn't been involved in ODA. The non-ODA declaration has been added to this report as annex 3.

The project hasn't previously announced to be going ahead without the revenues from carbon credits.

The proposed project won't apply for any other certification.

The Carbon Credits Ownership Transfer Agreement ("Transfer Agreement") is being signed between the end-users and the project owner ("PO"). End-users are aware of and willing to give up their rights on emission reductions.

A. 3. Current project status

The project has finished baseline survey in Aril 2013.

The expected construction start date is in December 2017.

The project doesn't need to purchase any professional instrument.

SECTION B. DESIGN OF STAKEHOLDER CONSULTATION PROCESS

B. 1. Design of physical meeting(s)

i. Agenda

Date: 22/04/2017

Ref.	Time	Content
1	10:00-10:40	Registration, welcome remarks and participants introduction.
2	10:40-11:00	Question and clarify of the project.
3	11:00-11:15	Sustainable form and development discussion.
4	11:15-11:30	Fill in the Evaluation Form.
5	11:30-11:45	Project comments and grievance collecting method declaration.
6	11:45	Closing.

ii. Non-technical summary

Non-technical summary in English:

WWF Meigu Panda Habitat Conservation Clean Cookstove Project

Non-Technical Summary

Instruction

The project activity is planned to construct 500 high efficient cook stoves for the households living in the Longwo Town and Shuwo Town of Meigu County (near to Dafengding Nature Reserve), Liangshan Yi Autonomous Prefecture, Sichuan Province, P.R. China.

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.

Contribution to sustainable development

Social benefits:

- Reduces drudgery of women and children of rural areas (due to reduced fuel wood use) by reducing time spent and distance travelled for fuel wood collection. Reduction in firewood requirement would help in spending more time in productive activities such as education, employment etc.
- Improves overall health (particularly diseases related to respiratory system) of women and children by reducing smoke in the kitchen.

Environmental benefits:

- Improves the local environment by reducing rate of forest degradation /deforestation in the project area. Conservation of forest will not only reduce non-renewable biomass demand and also reduce soil erosion and loss of biodiversity as a consequence of deforestation.
- Reduces emission of black carbon to the atmosphere.
- Reduces Greenhouse gas emissions.

Economic benefits:

- Employment opportunities for local communities involved in monitoring, training of users, undertaking periodic maintenance and post life time replacement.
- Reduces the expenditure involved in the pre project scenario for purchase of fuel wood.

Technological benefits:

- Introduction of new technology to the rural communities.
- Knowledge transfer to trainers including technicians for pertaining training to users, maintenance of system.

Gold Standard

The project will apply for the Gold Standard project. The Gold Standard (GS) is an award winning certification standard for carbon mitigation projects and is recognized internationally as the benchmark for quality and rigor in both the compliance and voluntary carbon markets. The Gold Standard organization sets a framework following the schemes defined by the Kyoto-Protocol for the international trading of emission reductions for the generation and trading of certificates attesting emission reductions achieved by a project. These certificates are purchased by foreign companies and organizations who intend to voluntarily compensate own emissions.

The project shall be realized with the help of the Gold Standard approach that leads to an additional income for reducing GHG emissions and thus makes the project economically viable.

Non-technical summary in Chinese:

世界自然基金会美姑大熊猫栖息地保护区节柴灶项目

非技术总结

项目简介

项目计划为位于四川省凉山彝族自治州美姑县（邻近大风顶自然保护区）的龙窝乡和树窝乡的当地农户建造 500 口高效炉灶。

项目的目的是通过更换高效炉子促进清洁做饭的习惯并减少美姑县大风顶自然保护区的农户由于在室内进行家务劳动和居住所带来的健康隐患。高效炉灶取代传统的炉灶将有助于减少温室气体的排放，减少黑炭这种由于不完全燃烧而产生的物质，减少薪柴的浪费，防止森林退化。本项目的成功运作将鼓励农户从使用传统的炉灶转向使用高效现代化的炉灶。

对可持续发展的贡献

社会利益

- 由于薪柴使用的减少，生活在乡村的妇女和儿童在收集薪柴上花费的时间和距离都会减少。薪柴需求量的减少，可以给他们提供更多的时间在其他事情上，例如受教育，就业等。
- 通过减少厨房里的烟，从而改善妇女和儿童的整体健康（尤其是与呼吸系统有关的疾病）

环境效益

- 在项目所在地，通过减少森林退化率来提高当地的环境条件。保护森林不仅可以减少不可再生物质的需求，还可以减少由于过度砍伐所导致的土壤流失和生物多样性的减少。
- 减少排放到大气中的黑炭
- 减少温室气体排放

经济利益

- 为当地居民提供一些就业机会
- 减少购买薪柴的开支

技术效益

- 在乡村地区引进新的技术
- 知识培训（系统维护，技术培训）

黄金标准

该项目将会申请成为黄金标准项目。黄金标准是一个在碳减排项目中屡获殊荣的标准，黄金标准也是国际公认的准则。黄金标准遵循京都议定书定义的项目减排证书的交易实现国际减排贸易体系并设定了一个框架。这些证书被国外的公司和组织自愿购买用来补偿他们自己带来的排放。

由于黄金标准可以为该项目所产生的温室气体减排量带来额外收入，因此对于项目的建成会提供很大帮助，使得该项目在经济上更加可行。

iii. Invitation tracking table

In Figure J.1 An announcement poster on the wall of Longwo Township Government announcing the date, time, location and agenda for upcoming stakeholder consultation meeting for the WWF Meigu Panda Habitat Conservation Clean Cookstove Project.

Figure J.1 Poster Advertisement Announcing for the Stakeholder Consultation of WWF Meigu Panda Habitat Conservation Clean Cookstove Project



Please find a template to track invitations in Table J.1.

Table J.1

Category code	Organisation (if relevant)	Name of invitee	Way of invitation	Date of invitation	Confirmation received? Y/N
A	Villager	-	Post	11/03/2017	Y
B	Director of Energy Office, Agriculture and Husbandry Bureau of Meigu County	Jiniuawu	Telephone	11/03/2017	Y
B	Director of Meigu County Forestry Bureau	Lulaji	Telephone	11/03/2017	Y
B	Secretary of Committee for Discipline Inspection of Longwo Township, Meigu County	Mahaigu ojun	Telephone	11/03/2017	Y
B	Chairman of People's Congress of Longwo Township, Meigu County	Aerquluo	Telephone	11/03/2017	Y
B	Secretary of Chuhongjue Villiage, Yiguojue Township, Meigu County	Ma Shuliang	Telephone	11/03/2017	Y
B	Deputy Director of Management Bureau of Meigu Dafengding Nature Reserve	Ershilaer	Telephone	11/03/2017	Y
B	Director of Management	Jabamuz ha	Telephone	11/03/2017	Y

	Bureau of Meigu Dafengding Nature Reserve				
B	Deputy director of Management Bureau of Meigu Dafengding Nature Reserve	Yang Anfang	Telephone	11/03/2017	Y
B	Officer of Management Bureau of Meigu Dafengding Nature Reserve	Gong Yihua	Telephone	11/03/2017	Y
B	Deputy chief of Community Section, Management Bureau of Meigu Dafengding Nature Reserve	Keqiyiqiang	Telephone	11/03/2017	Y
C	China DNA	Anonymous	Telephone	11/03/2017	Y
D	Stove Construction Technician of Nenghe Village, Longwo Township, Meigu County	Shamayobu	Telephone	11/03/2017	Y
E	Gold Standard Experts	Shirley Shen	Email	16/03/2017	N
E	Gold Standard Experts	Annyta Luo	Email	16/03/2017	N
F	REEEP	Katrin Harvey	Email	16/03/2017	N

F	SolarAid	Nick Sireau	Email	16/03/2017	N
F	International Centre for Eradication of Poverty	Dr. Bhausah eb Ubale	Email	16/03/2017	N
F	David Suzuki Foundation	Paul Lingl	Email	16/03/2017	N
F	A World Institute for a Sustainable Humanity (A W.I.S.H)	Michael Karp	Email	16/03/2017	N
F	Action Carbone (Good Planet Foundation)	Nitin Pagare	Email	16/03/2017	N
F	BASE (Basel Agency for Sustainable Energy)	Daniel Magallon	Email	16/03/2017	N
F	Chinansi Foundation	Simplex Chithyola	Email	16/03/2017	N
F	Clean Air–Cool Planet	Adam Markham	Email	16/03/2017	N
F	Clean Energy Nepal	Bhusan Tuladhar	Email	16/03/2017	N
F	European Business Council For Sustainable Energy e5	Julio Lambing	Email	16/03/2017	N
F	Forum for the Future	Iain Watt	Email	16/03/2017	N
F	Gevalor	Georges Morizot	Email	16/03/2017	N

F	GRIAN (Greenhouse Ireland Action Network)	Pat Finnegan	Email	16/03/2017	N
F	Impact Carbon	Caitlyn Toombs	Email	16/03/2017	N
F	Initiative Développement t	Olivier Lefebvre	Email	16/03/2017	N
F	Miriam-PEACE	Rosario Wood	Email	16/03/2017	N
F	Sustainable Travel International (STI)	Nick Piedmon te	Email	16/03/2017	N
F	Zero: Regional Environment Organisation	Johannes Chigwad a	Email	16/03/2017	N
F	Green Wave (Ecoclub) UA	Anna Vilde	Email	16/03/2017	N
F	Fundación MDL de Honduras	Suyapa Zelaya	Email	16/03/2017	N
F	Fundacion Ecodiversidad Colombia	Carlos Kurimoto	Email	16/03/2017	N
F	Bangladesh Centre for Advanced Studies	Mozahar ul Alam	Email	16/03/2017	N
F	Save the Earth Cambodia	Akhteruz zaman Sano	Email	16/03/2017	N

The local stakeholder consultation meeting was hold in the government meeting room of Longwo Township, Meigu County, Liangshan Yi Autonomous Prefecture, Sichuan Province. Villagers nearby were widely invited via oral and post notice as the presents of the people impacted by the project. Female were encouraged to take part in the meeting.

Relevant government departments of Meigu County, such as Agriculture and Husbandry

Bureau, Forestry Bureau, Committee for Discipline Inspection of Longwo Township, government of Chuhongjue Villiage, Yiguoju Township, People's Congress of Longwo Township, Management Bureau of Meigu Dafengding Nature Reserve were chosen as the policy makers.

Stove Construction Technician of Nenghe Village, Longwo Township, Meigu County was invited as local non-governmental e organization working relevant to the project.

The nearest local GS export for the project is Gold Standard China, so the officer Annyta Luo and Shirley Shen of Gold Standard China were invited via email.

iv. Text of individual invitations

WWF Meigu Panda Habitat Conservation Clean Cookstove Project

Local Stakeholder Consultation Invitation

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: 杨泓

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

From: **Yunbo Li** <y.li@thesouthpolegroup.com>
Date: 2017-03-16 16:01 GMT+08:00
Subject: Invitation for Gold Standard Local Stakeholder Consultation of WWF Meigu Panda Habitat Conservation Clean Cookstove Project
To: annyyta@cdmgoldstandard.org, shirley@cdmgoldstandard.org
Cc: wangmei.tracy@163.com, lhe@theclimategroup.org, fyang@shanshui.org, kangmei2005@yahoo.com.cn, ranlp@gcbcn.org, llxu@geichina.org, Xuan Yang <x.yang@southpolecarbon.com>, xhe@wwfchina.org, Bella.Roscher@wwf.ch, 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, l.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,

The time of meeting needs to be corrected.

The meeting will be held on April 22th, 2017 (Saturday). The previous time is incorrect. I am very sorry for the mistake.

Hope your attendance.

Kind regards

Yunbo

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

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

v. Text of public invitations

Text of public invitations in Chinese:

关于召开美姑县大熊猫栖息地周边社区 GS VER 节柴改灶项目 利益相关方听证会公告

美姑大熊猫栖息地保护区节柴灶项目计划开发成为黄金标准项目。根据黄金标准方法学的要求，世界自然基金会将联合四川美姑大风顶国家级自然保护区管理局针对本项目召开利益相关方听证会。

节柴灶作为一种成熟的技术，可以通过提高染料的热效率，节省约 40-60%的木材，并能有效的将烟气排除室外，减少对健康的影响。同时通过节柴改造也能有效减少当地用于薪柴砍伐的劳动力和时间，促进社区发展。

项目计划按照黄金标准自愿减排标准召开利益相关方听证会，向社会各界征求针对项目社会和环境的影响的意见。世界自然基金会和四川美姑大风顶国家级自然保护区管理局诚邀您参加利益相关方会议并提出宝贵的意见和建议，具体时间与地点如下：

四川省凉山彝族自治州美姑县龙窝乡和树窝乡

2017 年 04 月 22 日上午 9 点

世界自然基金会

四川美姑大风顶国家级自然保护区管理局

2017 年 3 月 16 日

Photo of the public invitation:



B. 2. Description of other consultation methods used

All possible stakeholders were contacted via email, bulletin or oral notice. In the event that the stakeholders could not attend the physical meeting, the project proponents offered for the allowance of a representative to attend the meeting. Some national agencies which have been informed as required by GS have not responded to the invitation since there is no regulation for voluntary market. In addition, the project proponents encouraged people to make inquiries or give comments on the project; the stakeholders could contact the Project owner or South Pole directly either via letter, email or telephone.

Since the consultation methods are assessed sufficient to reach stakeholders, no other method was not considered necessary.

SECTION C. CONSULTATION PROCESS

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

i. List of participants

Please attach original participants' list (in original language) as Annex 1.

Participants list					
Date and time: 22/04/2017					
Location: Meeting room of the government of Longwo Township, Meigu County, Sichuan Province					
Category Code	Name of participant, job/ position in the community	Male/ Female	Signature	Organisation (if relevant)	Contact details
A	Fang Qun	Female		South Pole Group	13552383268
A	He Xin	Male		WWF	13980997669
A	Axikazhe/villager	Male			15983422798
A	Aluogubu/villager	Male			15082286529
A	Shatezuoge/villager	Male			18280673039
A	Jirishubu/villager	Male			13550564143
A	Alugeng/villager	Male			13408364470

A	Bizhemiao/villager	Male			15756845839
A	Hejiageji/villager	Male			
A	Gechengguosheng/villager	Male			13989239447
A	Gegeyisha/villager	Male			15282980385
A	Mosemuyi/villager	Male			18282868078
A	Luorieri/villager	Male			18280601490
A	Luoriyilin/villager	Male			15756886783
A	Dijidabu/villager	Male			15181550454
A	Mahaiyibu/villager	Male			18282844191
A	Jiwaqiuhe/villager	Male			13778624827
A	Mahainule/villager	Male			13440647883
B	Jiaweimin	Male		Management Bureau of the Nature Reserve	18228729588
B	Yanganji	Female		Management Bureau of the Nature Reserve	18040476173
B	Nuyihua	Male		Management Bureau of the Nature Reserve	13981562678
B	Ershilayou	Male		Management Bureau of the Nature Reserve	18283410903
B	Aerwusha	Male		Longwo Government	15183421012
B	Jikewuer	Male		Longwo Government	15808343859
B	Feiji	Male		Longwo Government	18328857167
A	Shuobaiehua/villager	Male			1598461647
A	Jichidafu/villager	Male			15082267506
A	Jibiaojibu/villager	Male			13881383429

A	Jihuanqubu/villager	Male			15883495418
A	Huanzhaoshi/villager	Male			13881466103
A	Huanjuzihua/villager	Male			13734922391
A	Hielaijimen/villager	Male			15775413334
B	Chenergequ	Male		Shuwo Government	13408366223
A	Qulaqufu	Male			13795642927
A	Shuliari	Male			18282854445
A	Aluokegu	Male			15983391161
A	Mahainengneng	Male			18282828446
A	Aweiwuye	Male			18781579651
A	Mahaibiniu	Female			13458790731
A	Akenzhaobu/villager	Male			
A	Liliyouri/villager	Male			18228763698
A	Shachuangwuluo/villager	Male			15282966694
A	Shamayoubu/villager	Male			15282943762
A	Aershibu/villager	Male			18481538226
A	Dingkubuer/villager	Male			1368663482
A	Li Guyi/villager	Male			13795648326
A	Hailaihaiping/villager	Male			
A	Hialaiertie/villager	Male			
A	Aluoxiaofu/villager	Male			15756877419
A	Legeabu/villager	Male			15244961075
A	Lelefutie/villager	Male			1828954491
A	Lelefujia/villager	Male			15756828141
A	Qubizhibu/villager	Male			15196196889
A	Qubiniubu/villager	Male			18272892121
A	Qubiahuo/villager	Male			13989231889

A	Leleamen/villager	Male			15884444285
A	Shameasha/villager	Male			13881544839
A	Aihaiqiusha/villager	Male			18781551710
A	Aermutie/villager	Male			18282800305
A	Jilajishi/villager	Male			15983395036
A	Jimianjier/villager	Female			18282800305
A	Aerlabi/villager	Male			15756858802
A	Hailaidada/villager	Male			18282807496
A	Aerhabu/villager	Male			14780696551
A	Haihaieryi/villager	Male			13458793321
A	Hailainiubu/villager	Male			18328827780
A	Atutianbu/villager	Male			13890493466
A	Alianyoubu/villager	Male			18283436086
A	Alianayi/villager	Male			18481510553

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

Comments accompanying Annex 1

No comments.

ii. Evaluation forms

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

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

Name	
What is your impression of the meeting?	Good
What do you like about the project?	The improve of the cook stove could reduce the firewood consumption
What do you not like about the project?	No
Signature	

Name	
What is your impression of the meeting?	Good
What do you like about the project?	The improve of the cook stove could reduce the firewood consumption
What do you not like about the project?	No
Signature	

Name	
What is your impression of the meeting?	Good
What do you like about the project?	No
What do you not like about the project?	No
Signature	

Name	
What is your impression of the meeting?	Good
What do you like about the project?	No
What do you not like about the project?	No
Signature	

Name	
What is your impression of the meeting?	Good
What do you like about the project?	The improve of the cook stove could reduce the firewood consumption
What do you not like about the project?	No
Signature	

Comments accompanying Annex 2

No opposite opinion is collected from the evaluation table. Participants understand the project very well after the discussion.

C. 2. Pictures from physical meeting(s)

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C. 3. Outcome of consultation process

i. Minutes of physical meeting(s)

1. Meeting Registration

Participants signed the attendance list.

2. Opening of the meeting and explanation of the project

Introduce the project to the participants. The purpose is to collect comments on the project of emission reduction, environmental and social benefits, potential impacts on local households.

3. Project overview and introduction

All peoples will receive a set of project overview. The project basic context is:

The project activity is planned to construct 500 high efficient cook stoves for the households living in the Longwo Town and Shuwo Town of Meigu County (near to Dafengding Nature Reserve), Liangshan Yi Autonomous Prefecture, Sichuan Province, P.R. China.

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.

4. Blind SD exercise and discussion of continuous input /grievance mechanism

Mr. He Xin, project manager of WWF introduced the form on basic sustainable development and explain about different issues on environment impact. He explains verbally and asks the participants of rise their hands give comments or suggestions.

He also explained three categories of sustainable development: environment, social development and technological & economic development, and indicators for each category. He also explained that the evaluation would be done by comparing the project activity with the baseline situation. He asked which indicators the stakeholders thought was relevant to the project and then listed the indicators mentioned. He asked the audience to score them 'positive' 'neutral' or 'negative', and allowed the stakeholders to freely discuss the indicators.

The stakeholders' blind sustainable development matrix was presented in questionnaires to allow all participants to make unbiased comments on the project. 47 questionnaires were recovered.

The continuous input/grievance mechanism of the project was also discussed. 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.

5. Questions and comments

Participants were given an opportunity to ask question/ comments/ opinion/ suggestions with regard to the project.

Question 1: What need to do in order to involve in the project.?

Answer: You 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.

Question 2: How to get a high-efficiency stove (HES)?

Answer: You should first apply for HES, then the PO will conduct indoor assessment on the baseline scenario of the applicant. Anyone meets the criteria of stove update could get one.

Question 3: What's the cost for households to build a HES?

Answer: Once the application is approved, a HES will be built for the household for free. The household just need to assist the indoor construction and provide meals for the technicians.

The villagers are very glad to replace the old stoves with the new ones and did not have much comment regarding the project.

6. Meeting evaluation

The meeting participants were asked to provide feedbacks to the questions in the evaluation form, including:

What is your impression of the meeting?

What do you like about the project?

What do you not like about the project?

The participants also provided their names and signatures in the evaluation forms.

7. Closure of the meeting

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

The local governmental departments of Meigu County believe the project meet the need of the target local communities and give the suggestions on the proper stove type for local people.

No negative comment was received from the participants. All the local people are very glad to replace the old stoves with the new ones.

The meeting also declared the input/grievance mechanism to the participants and encouraged further comments from the public.

ii. Minutes of other consultations

There has been no other consultation.

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.
The villagers wondered how they can get the HES	Yes	The villagers should first apply for HES, then the PO will conduct indoor assessment on the baseline scenario of the applicant. Anyone meets the criteria of stove update could get one.
The villagers asked about the cost for households to build a HES	Yes	Once the application is approved, a HES will be built for the household for free. The household just need to assist the indoor construction and provide meals for the technicians.

iv. Revisit sustainability assessment

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

Give reasoning behind the decision

There is no negative indicator during the meeting. The overall feedback to the project was positive; therefore, no need is seen in revisiting the sustainable assessment.

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.

From the stakeholder consultation process, there were no comment regarding environmental, social or economic concerns which caused a change to the project design. Other issues as mentioned above are almost covered in the basic design. Hence, the project will be implemented as per the original plan.

SECTION D. SUSTAINABLE DEVELOPMENT ASSESSMENT

D. 1. Own sustainable development assessment

i. 'Do no harm' assessment

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

ii. 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	Check www.undp.org/mdg and	Defined by project developer	<u>Negative impact</u> : score '-' in case negative

	include mitigation measure used to neutralise a score of '-'	www.mdgmonitor.org Describe how your indicator is related to local MDG goals		<p>impact is not fully mitigated, score '0' in case impact is planned to be fully mitigated</p> <p><u>No change in impact:</u> score '0'</p> <p><u>Positive impact:</u> score '+'</p>
Air quality	N/A	<p>Improve maternal health.</p> <p>Reduce child mortality.</p> <p>Ensure environmental sustainability.</p>	<p>-Parameter:</p> <p>Total suspended particulate (TSPM)</p> <p>Respirable suspended particulate matter (RSPM)</p> <p>Reduction in wood used will reduce emissions of carbon dioxide, TSPM and RSPM.</p>	+
Water quality and quantity	N/A	<p>Ensure environmental sustainability.</p>	<p>Not directly 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</p>	0

			other external factors. Hence was rated as neutral.	
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 mortality.</p>	Cook stoves won't cause any other pollution.	0
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</p>	0

			scores a neutral zero.	
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 able to use in the future to gain employment.</p>	+
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</p>	+

			<p>few of them also purchase woods from local market.</p> <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, 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>	
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Access to affordable and clean energy services	N/A	Eradicate extreme poverty and hunger	-Parameter: Number of functional stoves. Reduce the traditional firewood consumption.	+
Human and institutional capacity	N/A	N/A	The project won't supply additional training opportunity to women and children considering the character of construction work.	0
Quantitative employment and income generation	N/A	Eradicate extreme poverty and hunger	- Parameter: Income generated from employment created by the project. Supply more job opportunities for local people and improve their income during the construction and maintenance period.	+
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

No comment accompanies with own sustainable development matrix.

D. 2. Stakeholders Blind 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 '-'	<p>Check www.undp.org/mdg and www.mdgmonitor.org</p> <p>Describe how your indicator is related to local MDG goals</p>	Defined by project developer	<p><u>Negative impact:</u> score '-' in case negative impact is not fully mitigated, score '0' in case impact is planned to be fully mitigated</p> <p><u>No change in impact:</u> score '0'</p> <p><u>Positive impact:</u> score '+'</p>
Air quality	N/A	<p>Improve maternal health.</p> <p>Reduce child mortality.</p> <p>Ensure environmental sustainability</p>	<p>-Parameter:</p> <p>Total suspended particulate (TSPM)</p> <p>Respirable suspended particulate matter (RSPM)</p> <p>Reduction in wood used will reduce emissions of carbon dioxide,</p>	+

			<p>total suspended particulate matter and respirable suspended particulate matter.</p> <p>As the measurement of air quality in each household is not practical, a qualitative question about air quality has been asked during the meeting:</p> <p>Indoors air pollution: would the project worse or improve the smoke pollution?</p> <p>Stakeholders agree that direct hygiene air quality will be improved in the kitchen due to less smoke.</p>	
Water quality and quantity	N/A	Ensure environmental sustainability	<p>Not directly 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</p>	0

			beyond the project scope and dependent on other external factors. Hence was rated as neutral.	
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 mortality</p>	Cook stoves won't cause any other pollution.	0
Biodiversity	N/A	<p>Ensure environmental sustainability:</p> <p>Reduce biodiversity loss</p>	<p>- Parameter: Number of affected habitats.</p> <p>Reduce the human impact to the forest and protect the biodiversity.</p>	0

			This parameter may however prove difficult to measure; hence it scores a neutral zero.	
Quality of employment	N/A	<p>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>	<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 able to use in the future to gain employment.</p> <p>Stakeholders agree that transferable skills would prove fruitful for future stove construction</p>	+

			projects in the region.	
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 present during cooking. And</p>	0

			<p>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> <p>A qualitative question about livelihood of the poor has been asked during the meeting:</p> <p>Could the project raise the income of local people? Could the project improve the health care or sanitation condition?</p> <p>However, as the project has not be implemented</p>	
--	--	--	--	--

			and the beneficial outcome has not been revealed, some local stakeholders were not sure about the positive result in terms of improvement of livelihood by the project.	
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> <p>Through comparing the reduction in wood per household to the cost of wood it will be possible to calculate the savings made.</p> <p>A qualitative question about access to affordable and clean energy services has been asked during the meeting:</p> <p>If the project could reduce the reliable on</p>	+

			<p>the traditional fuel? Could the project reduce the expense on the fuel?</p> <p>Local households agreed that the project will provide affordable and clean energy services.</p>	
Human and institutional capacity	N/A	N/A	<p>The project won't supply additional training opportunity to women and children considering the character of construction work.</p>	0
Quantitative employment and income generation	N/A	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> <p>A qualitative question about quantitative employment</p>	0

			<p>and income generation has been asked during the meeting:</p> <p>If the project could increase job opportunity and income?</p> <p>However, as the project has not been implemented and the beneficial outcome has not been revealed, some local stakeholders were not sure about the positive result in terms of employment by the project.</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

Comments resulting from the stakeholders' blind sustainable development matrix

The stakeholders' blind sustainable development matrix was presented in questionnaires to allow all participants to make unbiased comments on the project. Each indicator was displayed in the stakeholder consultation meeting and the participants were asked to 'score' the indicator as positive, negative or neutral giving a reason for their scoring.

There was no negative comment produced during the blind sustainable development matrix assessment.

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

The differences between the own and blind matrix assessment are the livelihood of the poor, quantitative employment and income generation.

The developer considers that the reduction of the wood will result in less expenditure on cooking fuel releasing a portion of household income for other uses, and time saving on cooking fuel collection. Reduced smoke exposure will benefit the health of women and children, who are most usually present during cooking.

Besides, the developer also believe that the project will supply more job opportunities for local people and improve their income during the construction and maintenance period.

However, as the project has not be implemented and the beneficial outcome has not been revealed, the local stakeholders were not sure about the positive result in terms of improvement of livelihood and employment by the project. Therefore, the majority of the stakeholders scored the indicators of livelihood of the poor and quantitative employment and income generation as “0” instead of “+”.

Way of consolidation:

The consolidated table uses the identical scores plus the explanations from the ‘own sustainable development matrix’, as these explanations are more detailed and considered more reasonable in terms of the long term benefit of the project. The two matrices were combined to consolidate the scores as below.

D. 3. Consolidated sustainable development matrix

Indicator	Mitigation measure	Relevance to achieving MDG	Chosen parameter and explanation	Preliminary score
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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 and quantity	N/A	Ensure environmental sustainability	<p>Not directly 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>	0
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	Improve maternal health.	Cook stoves won't cause any other pollution.	0

		Reduce child 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</p>	+

			skills that will be 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</p>	+

			<p>are most usually 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	0

			women and children.	
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</p>			

	strategy in poor rural areas [D]. Sichuan: Sichuan University, 2003.
Water quality and quantity	<p>Forest cover has significant impact on the water circulation 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	Reduction in wood required for cooking will result in a reduction of time and efforts spent collecting fuel. Less

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

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. SUSTAINABILITY MONITORING PLAN

E. 1. Discussion on Sustainability monitoring Plan

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?

Through discussion between the project proponents and the stakeholders, the following parameters were suggested as part of the sustainability monitoring plan:

- Air quality
- Quality of employment
- Livelihood of the poor
- Access to affordable and clean energy services
- Quantitative employment and income generation

Stakeholders will be able to provide quantitative information regarding the following indicators:

- Air quality (using parameters: wood consumption; household survey)
- Quality of employment (using parameters: 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; household survey)
- Livelihood of the poor (using parameters: wood savings and time savings for wood collection in project scenario compared to baseline; household survey)
- Access to affordable and clean energy services (using parameters: number of functional stoves, wood savings.)
- Quantitative employment and income generation (using parameters: income generated from employment created by the project; household survey)

All the villagers stated that they would be glad to incorporate the survey or research during the monitoring period.

E. 2. Discussion on continuous input / grievance mechanism

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 mediator)	Justification
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

SECTION F.	DESCRIPTION OF THE DESIGN OF THE STAKEHOLDER FEEDBACK ROUND
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The information would be supplied later on.

Project documents including PDD/Passport/LSC report should be uploaded to the Registry and open for comments for a period of at least two months before the validation is finalized.

ORIGINAL PARTICIPANTS LIST

A list of 70 participants in participants from is attached below:

美姑县大熊猫栖息地周边社区 GS VER 节柴改灶项目

签到表

会议时间:	2014.2.2			
会议地点:	内江安岳县龙安乡			
姓名	性别	地址	所在单位	联系方式
阿尔沙	男	龙安乡政府	安岳县	15183421018
袁克昌	男		15808343859
袁克昌	男		18328897169
袁克昌	男	陈家村		1518461647
袁克昌	男		15082267506
袁克昌	男		13661383228
袁克昌	男		15863445418
袁克昌	男		13661466103
袁克昌	男		13734922391
袁克昌	男		1577541334
袁克昌	男		14008366023
袁克昌	男		1371649207
袁克昌	男		1828285445
袁克昌	男		1578291161
袁克昌	男		1828282866
袁克昌	男		14781579651
袁克昌	男		13435870751
袁克昌	男		1351351351
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袁克昌	男		13980992618

美姑县大熊猫栖息地周边社区 GS VER 节柴改灶项目

签到表

会议时间: 2017.4.22		会议地点: 凤阳县花鼓乡	
姓名	性别	地址	所在单位
刘西峰	男	花鼓村	1598342278
刘治平	男	花鼓村	1508286529
刘峰	男	花鼓村	1828067323
刘国生	男	花鼓村	13510564143
刘国生	男	花鼓村	1361826447
刘国生	男	花鼓村	15756845839
刘国生	男	花鼓村	1395723947
刘国生	男	花鼓村	18528298085
刘国生	男	花鼓村	18282868078
刘国生	男	花鼓村	1828060490
刘国生	男	花鼓村	15156845839
刘国生	男	花鼓村	18181550454
刘国生	男	花鼓村	18282820419
刘国生	男	花鼓村	1377862482
刘国生	男	花鼓村	13991197887
刘国生	男	花鼓村	1828729588
刘国生	男	花鼓村	18040976173
刘国生	男	花鼓村	1381562618
刘国生	男	花鼓村	18284110703

ANNEX 2. ORIGINAL EVALUATION FORMS

美姑大熊猫栖息地周边社区 GS VER 节柴改灶项目
WWF Meigu Panda Habitat Conservation Clean Cookstove Project

利益相关方研讨会评估表

Evaluation Forms

您对本次会议的印象如何？ What is your impression of the meeting?	好
您认为本项目对当地的可持续发展有哪些正面影响？ What do you like about the project?	减少烧柴
您认为本项目对当地的可持续发展有哪些负面影响？ What do you not like about the project?	无
姓名（签名） Signature	海来儿铁

美姑大熊猫栖息地周边社区 GS VER 节柴改灶项目
WWF Meigu Panda Habitat Conservation Clean Cookstove Project

利益相关方研讨会评估表




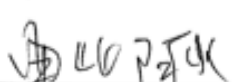
Evaluation Forms

您对本次会议的印象如何？ What is your impression of the meeting?	好
您认为本项目对当地的可持续发展有哪些正面影响？ What do you like about the project?	减少烧柴
您认为本项目对当地的可持续发展有哪些负面影响？ What do you not like about the project?	无
姓名（签名） Signature	曲比本布

美姑大熊猫栖息地周边社区 GS VER 节柴改灶项目
WWF Meigu Panda Habitat Conservation Clean Cookstove Project

利益相关方研讨会评估表

Evaluation Forms

您对本次会议的印象如何？ What is your impression of the meeting?	
您认为本项目对当地的可持续发展有哪些正面影响？ What do you like about the project?	
您认为本项目对当地的可持续发展有哪些负面影响？ What do you not like about the project?	
姓名（签名） Signature	

美姑大熊猫栖息地周边社区 GS VER 节柴改灶项目
WWF Meigu Panda Habitat Conservation Clean Cookstove Project

利益相关方研讨会评估表

Evaluation Forms

您对本次会议的印象如何？ What is your impression of the meeting?	好
您认为本项目对当地的可持续发展有哪些正面影响？ What do you like about the project?	无
您认为本项目对当地的可持续发展有哪些负面影响？ What do you not like about the project?	无
姓名（签名） Signature	李松明

美姑大熊猫栖息地周边社区 GS VER 节柴改灶项目

WWF Meigu Panda Habitat Conservation Clean Cookstove Project

利益相关方研讨会评估表

Evaluation Forms

您对本次会议的印象如何？ What is your impression of the meeting?	好
您认为本项目对当地的可持续发展有哪些正面影响？ What do you like about the project?	无
您认为本项目对当地的可持续发展有哪些负面影响？ What do you not like about the project?	无
姓名（签名） Signature	曲山以布

美姑大熊猫栖息地周边社区 GS VER 节柴改灶项目
WWF Meigu Panda Habitat Conservation Clean Cookstove Project

利益相关方研讨会评估表

Evaluation Forms

您对本次会议的印象如何？ What is your impression of the meeting?	好
您认为本项目对当地的可持续发展有哪些正面影响？ What do you like about the project?	减少烧柴
您认为本项目对当地的可持续发展有哪些负面影响？ What do you not like about the project?	无
姓名（签名） Signature	海米还平

ANNEX 3. Non-ODA declaration

ANNEX D - OFFICIAL DEVELOPMENT ASSISTANCE DECLARATION

Date: [21/06/2017]

The Gold Standard Foundation

79 Avenue Louis Casai

Geneva Cointrin, CH-1216

Switzerland

RE: Declaration of Non-Use of Official Development Assistance by Project Owner of [GS 5842]

[WWF Switzerland]

As Project Owner of the above-referenced project, and acting on behalf of all Project Participants, I now make the following representations:

[Bella Roscher]

I hereby declare that I am duly and fully authorized by the Project Owner of the above-referenced project to act on behalf of all Project Participants and make the following representations:

I. The Gold Standard Documentation

I am familiar with the provisions of The 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 with the condition that some, or all, of the carbon credits [CERs, ERUs, or VERs] coming out of the project are transferred to the ODA donor country. I hereby 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 any or all of the carbon credits issued as a result of the project's operation will be transferred directly or indirectly to the country of origin of the ODA.

II. Duty to Notify Upon Discovery

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 some point in the future benefit directly or indirectly from the carbon credits generated from the project as a condition of investment, I will notify The Gold Standard immediately using the Amended ODA Declaration Form provided below.

III. Investigation



The Gold Standard reserves the right to conduct an investigation into any project it reasonably believes may be receiving ODA with the condition that some or all of the carbon credits from the project will be transferred to the ODA donor country.

IV. Sanctions

I am fully aware that the sanctions identified in The Gold Standard Terms and Conditions may be applied to me or the above-referenced project in the event that any of the information provided above is false or I fail to notify The Gold Standard of any changes to ODA in a timely manner.

I swear that all of the statements contained herein are true to the best of my knowledge.

Signed:



Name:

Damian Oettli

Title:

Head of Business & Consumption

On behalf of:

WWF Switzerland

Place:

Zurich

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ANNEX 4. Sustainable Development Form

美姑县大熊猫栖息地周边社区 GS VER 节柴改灶项目

可持续发展评价表

指标	减缓方式	参数及解释	填写“-”、“0”或“+”
环境影响			
空气质量		室内空气污染：项目实施后（建设节柴灶后）是否会减少（或增加）室内空气污染？比如过去当地是否有室内空气污染引起的疾病，比如呼吸系统方面？	+
水质和水量		项目对水质和水量是否有好或者坏的影响？项目是否有助于保持生态从而帮助涵养水源，你认为项目对水量和水质有好还是坏的影响？	0
土壤条件		项目对土壤会有好还是坏的影响？是否对土壤有污染？	0
其他污染物		项目会不会带来噪声污染，光污染或者其他污染	0
生物多样性		附近是否有濒危野生动物，项目对他们的生存有怎样的影响？项目对当地的生态比如森林，动物有怎样的影响？为什么？	+

指标	减缓方式	参数及解释	填写“-”、“0”或“+”
社会发展影响			
员工工作环境质量		项目是否会创造就业机会，项目实施是否有助于改善工人工作环境和质量？	0
低收入群体生计		项目是否会为低收入家庭增加收入？项目是否会改善当地卫生医疗条件？	0
清洁能源承受能力		项目是否会减少对燃料的依赖或者减少购买燃料的花费？	+
经济和技术影响			
人员和机构能力建设		项目是否能为当地居民机构特别是妇女提供教育培训	0
就业岗位和收入		项目是否会提供工作机会并带来收入？	0
吸引投资		项目是否会吸引投资？	0
技术转移和自主程度		项目是否为当地引进了先进技术和培训，并能带动当地的发展？	0

若有正面影响，在右侧一列填写“+”；

若没有影响或者负面影响可抵消，在右侧一列填写“0”；

若有负面影响，在右侧一列填写“-”。

李俊卿