ANNEX Q – LSC REPORT TEMPLATE

CONTENTS

SECTION A. PROJECT DESCRIPTION

A. 1. Title of the project activity

Title: Panasolar Photovoltaic Project
Date: May 23, 2018
Version No.: 3

A. 2. Project eligibility under the Gold Standard

The Panasolar Photovoltaic project, property of Panasolar Generation S.A. belongs to the category renewable energy because it delivers and generates energy services (e.g. mechanical electricity from non- fossil energy sources). The project is smaller than 20MW, therefore is a small scale project.

It is GS eligible because it is not located in an area of high conservation value (HCV). The project owner has assessed this through the environmental and social impact assessments, where all relevant issues are identified and integrated in the project and the project has received all the necessary permits and licenses from the Panamanian government.

The project activity is eligible as a GS CO2 reduction project because it meets the following criteria:

- It is a Photovoltaic Power Plant with an installed capacity of less than 20 MWe, which will deliver electricity to the national electricity grid of Panama.
- The project activity does not count with any Official Development Aid (ODA)
- The project activity does not have any prior consideration issues due to the fact that it has begun the GS certification process well before attaining financial closure or beginning construction.
- It is not seeking registration under any other GHG reduction scheme.

Project description:

The Host Country for the Panasolar Photovoltaic Project is Republic of Panama.

The project consists of the construction, installation, operation and maintenance of a newly installed photovoltaic panels for the production of electricity through solar energy. This energy is captured by photovoltaic modules, with an installed capacity of 9.9 MW AC and 12.09 MW DC. These panels are placed on fixed structures anchored to the ground. The project activity will connect to the 34.5 KV substation in Llano Sanchez, via a mix (underground and aerial) transmission line that it does not require for trees to be cute or trimmed where the lines passes. Once the line reaches the substation, it connects to the national electrical grid, known as Empresa de Trasmisión Eléctrica, S.A. (ETESA).The project has an expected lifetime of 25 years.

The estimated annual energy generation will be 19,661 MWh with a plant load factor of 18.53% that will generate an annual average of 10,322 reductions of tCO2e per year, which means a total emission reduction of 72,254tCO2e for the first crediting period.

Prior to the project activity, no activity related to the generation of electricity took place in the project area. The baseline scenario is, as per the provisions of the methodology AMS-I.D., "that the electricity delivered to the grid by the project activity would have otherwise been generated by the operation of grid-connected power plants and by the addition of new generation sources into the grid."

The baseline scenario is therefore the same as the scenario existing prior the implementation of the project activity.

The proposed photovoltaic power project will contribute to the sustainable development trough improvement of family income due to jobs created during construction and operation of the plant, strengthen commercial and institutional conditions and also promote the sustainable development of the surrounding area through the generation of renewable energy, which will expand the available power in Panamanian grid to meet increasing energy demand through clean and renewable sources and have positive impacts on the balance of trade, as Panama´s coal and oil imports used to fuel national thermals plants will be replaced by the use of renewable indigenous energy sources.

A. 3. Current project status

Provide information on the status of key project cycle stages (financing, equipment procurement, construction, commissioning) with dates where possible/ relevant.

Phase	Start
Land Purchase	June 24, 2014
Financial Closure	December 21, 2017
Order of Equipment	July 12, 2016
Construction Begins	August 01, 2017
Commissioning	August 31, 2018

SECTION B. DESIGN OF STAKEHOLDER CONSULTATION PROCESS

B. 1. Description of physical meeting(s)

The project has had a previous stakeholder consultation in the form of a survey and individual meetings with the local population, local and regional authorities surrounding the project activity. Of these, the one held on May 09, 2014 was purposely designed and executed with Gold Standard

requirements in mind, the previous consultation was performed in order to meet the requirements for the environmental license.

As mentioned earlier, the Gold Standard related consultation was held on May the 9th of 2014 at the church located in the town of Vista Hermosa. The event had a total turnout of 27 participants including local inhabitants from Vista Hermosa and surrounding towns. The invitation to the stakeholder consultation were published via a radio announcement in a local radio station and issued individually to all members of the community. The invitations were also hand delivered to the local authorities.

The main focus of the presentation was to (a) inform the local population about the project characteristics (b) seek out the opinions and concerns that the local population may have regarding the project and (c) to promote a sense of communication between the project and the local community. The meeting also included some aspects such as the blind sustainable development matrix, the introduction of the continuous grievance mechanisms and the sustainability monitoring, which are Gold Standard specific. No negative comments were received and each question or suggestion from the community received an immediate response from the project representatives.

The local population supports the project due to the related social and economic development that should take place in the region because of the project and the transparency shown by the project owner.

i. Agenda

Agenda May 09, 2014

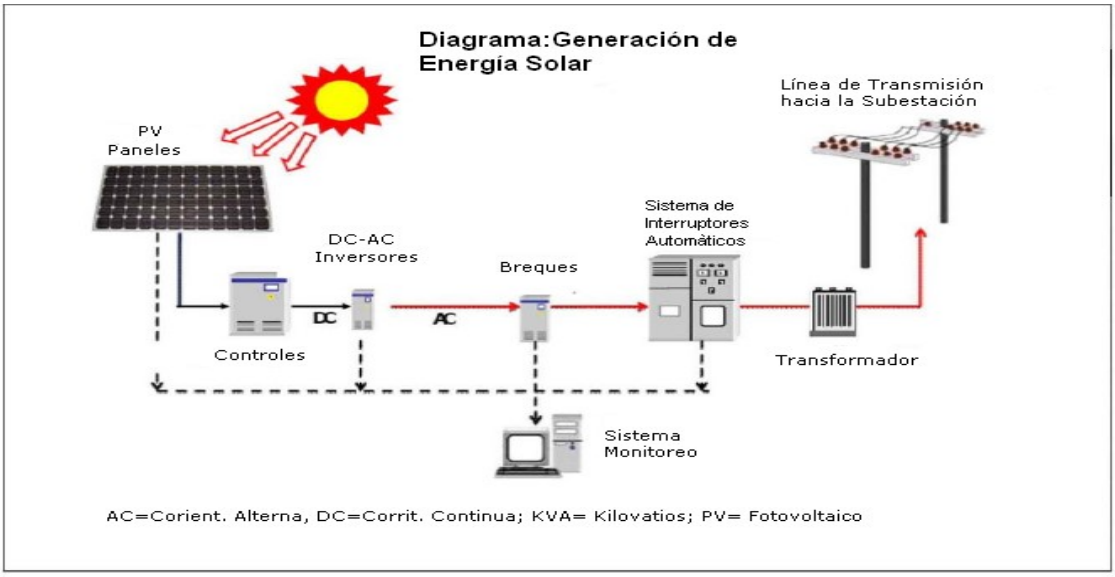
- Welcome to Participants and Stakeholders
- Introduction of Panel
- Presentation of project owner with description with technical information as well as anticipated social, and environmental impacts
- Question and answer period
- Question and answer period
- Questionnaires distributed
- Question and answer period based on answers given on questionnaire
- Meeting concludes with refreshments and snacks

ii. Non-technical summary

Descripción de Proyecto

El proyecto consiste en la construcción, montaje, operación y mantenimiento de una planta fotovoltaica, para la producción de energía eléctrica mediante la transformación de energía solar. La potencia de la central es de 9.9 MW AC y 12.09 MW y se estima una generación anual de energía de 19,623 MW/h. Esta energía es captada por módulos fotovoltaicos similares al que se puede apreciar abajo:

Estos módulos solares tendrán una conexión con inversores, para la conversión de la corriente continua de bajo voltaje en corriente alterna de bajo voltaje, estos, serán conectados a un único grupo central de transformadores que subirá la corriente a media tensión, para luego ser despachada mediante la línea aérea de media tensión para poder conectarse con seguridad y estabilidad al patio de la subestación en Llano Sánchez que forma parte de red de trasmisión nacional de la Empresa de Trasmisión Eléctrica, S.A. (ETESA).



iii. **Invitation tracking table**

Category code	Organization (if relevant)	Name of invitee	Way of invitation	Date of invitation	Confirmation received? Y/N
E	Gold Standard Foundation	Ivan Hernandez	Email	20/04/14	Y
B	Former mayor of the city of Aguadulce	Omar Cornejo	Hand Delivered	01/05/14	Y
B	Mayor Elect of the city Aguadulce	Carlos Barrera	Hand Delivered	01/05/14	Y
B	El Roble District Representative	Carlos Barrera	Hand Delivered	01/05/14	Y
C	Panama DNA	Silvano Vergara	Email	30/04/14	N
D	Fundación MDL de Honduras	Suyapa Zelaya	Email	30/04/14	N
D	Fundación Ecodiversidad Colombia	Carlos Kurimoto	Email	30/04/14	N
F	HELIO International	Helene O´Connor Lajambe	Email	30/04/14	N
F	REEEP	Katrin Harvey	Email	30/04/14	N
F	WWF International	Bella Roscher	Email	30/04/14	N
A	N/A	Guadalupe Torres	Hand Delivered	01/05/14	Y
A	N/A	Sobeida Rodriguez	Hand Delivered	01/05/14	Y
A	N/A	Alba Torres	Hand Delivered	01/05/14	Y
A	N/A	Marguela Rodrigues	Hand Delivered	01/05/14	Y

A	N/A	Oswaldo Torres	Hand Delivered	01/05/14	Y
A	N/A	Nilo Lopez	Hand Delivered	01/05/14	Y
A	N/A	Jose Reyes	Hand Delivered	01/05/14	Y
A	N/A	Hector Lopez	Hand Delivered	01/05/14	Y
A	N/A	Marcelina Rodriguez	Hand Delivered	01/05/14	Y
A	N/A	Luis Lopez	Hand Delivered	01/05/14	Y
A	N/A	Ismael Vasquez Vista Hermosa	Hand Delivered	01/05/14	Y
A	N/A	Landon Lopez	Hand Delivered	01/05/14	Y
A	N/A	Dianis Torres	Hand Delivered	01/05/14	Y
A	N/A	Elisabeth de Torres	Hand Delivered	01/05/14	Y
A	N/A	Angel Reyes	Hand Delivered	01/05/14	Y
A	N/A	Alicia Segura	Hand Delivered	01/05/14	Y
A	N/A	Estela Lopez	Hand Delivered	01/05/14	Y
A	N/A	Edgar Rodriguez	Hand Delivered	01/05/14	Y
A	N/A	Cristian Lopez	Hand Delivered	01/05/14	Y
A	N/A	Manuel Vasquez	Hand Delivered	01/05/14	Y

A	N/A	Oneyda Torres	Hand Delivered	01/05/14	Y
A	N/A	Bleysi Rodriguez	Hand Delivered	01/05/14	Y
A	N/A	Mirna Rodriguez	Hand Delivered	01/05/14	Y
A	N/A	Renato Ariel Saenz	Hand Delivered	01/05/14	Y

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

The above organizations and individuals are identified as relevant governmental and civil society organizations near the project activity location. Many other stakeholders were invited personally by the project developer. The project owner made sure all members of society, with no discrimination given to age, sex, ethnicity or economic situation. This was assured through the invitation being announced through the radio and through the prominent placement of the meeting invitation at the Vista Hermosa Church and convenience store.

iv. **Text of individual invitations**

Below is the text of the invitations that were handed in person or via email to the relevant stakeholders and organizations:

PANASO

Aguadulce 30 de Abril del 2014.

Comunidad de Vista Hermosa
E. S. M.

Estimado Señores:

Reciban un cordial saludo de parte de la empresa Panasolar Gene
reunión de consulta pública, y talleres informativo, para el desar
Proyecto Fotovoltaico "Panasolar".

Esta reunión tiene como objetivo, invitar a la comunidad en gene
gubernamentales y no gubernamentales para detallar las caracter
Generation, S.A., que se realizara en la comunidad de Vista Herr

El evento se realizará el día, viernes 09 de Mayo de 2014, en la I
comunidad de Vista Hermosa, Corregimiento de El Roble, Distri

v. **Text of public invitations**

Given the fact that there is little to no circulation of national or local newspapers in the area near the project location, the most suitable manner to contact the local population is through the local radio station. Below is the statement from the local radio station confirming their announcement of the meeting.

Aguadulce, 15 de mayo del 2014

A QUIEN CONCIER

Por este medio hacemos constar que en los días sábado 3, lu
el programa comentarios y propuestas, y viernes 9, de mayo
en los cuales se realizó invitación a todos los interesados en
emitido fue el siguiente:

**La empresa Panasolar Generation S.A. Y Anaconda Car
comunidad de Vista hermosa del roble, a la consulta púb
de las 3:30 P.M., en la iglesia de Vista hermosa, esta reun
características, del proyecto, Fotovoltaico, Panasolar Ger
"Gold Standard".**

A quien interese extendemos la presente constancia a los 15
provincia de Coclé, panamá.

Below is a copy of the flyer placed in several locations in the town of Vista Hermosa, including the church where the meeting took place and in the local convenience store. The flyer clearly advertised the meeting, with such details as the time, location and purpose of the local stakeholder consultation.

B. 2. Description of other consultation methods used

No representative of any organization or other party invited to the stakeholder consultation mentioned that they were not able to attend the meeting scheduled for May 9th 2014.

It should also be noted that local stakeholder feedback round is based on a book will be available at the"Vista Hermosa" church , where the stakeholder will be able to include all comments and questions that may appear during construction and operation of the project. The availability of the book has been discussed with the the foreman at the construction site and with the clergy at the church, who will then relay the information to all of the construction workers at the project site and

to the local population.

Any comments made to this book will be reviewed and addressed by the project owner and responded in person or in writing with the person(s) making the entry into the feedback book..

SECTION C. CONSULTATION PROCESS

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

i. List of participants

Participants list				
Date and time: May 09, 2014				
Location: Community Church in the Village of Vista Hermosa				
Category Code	Name of participant, job/ position in the community	Male/ Female		Organization (if relevant)
A	Guadalupe Torres / Housewife / Vista Hermosa	F		N/A
A	Sobeida Rodriguez / Housewife / Vista Hermosa	F		N/A
A	Alba Torres / Housewife / Vista Hermosa	F		N/A
A	Marguela Rodrigues / Housewife / Vista Hermosa	F		N/A
A	Oswaldo Torres /Sugarcane Cutter / Vista Hermosa	M		N/A
A	Dimas / Unemployed / Vista Hermosa	M		N/A
A	Nilo Lopez / Farmer / Vista Hermosa	M		N/A
A	Jose Reyes / Farmer / Vista Hermosa	M		N/A
A	Hector Lopez / Unemployed / Vista Hermosa	M		N/A
A	Marcelina Rodriguez / School Teacher / Vista Hermosa	F		N/A
A	Luis Lopez / Unemployed / Vista Hermosa	M		N/A
A	Ismael Vasquez / Vista Hermosa	M		N/A
A	Landon Lopez / Sugarcane Cutter / Vista Hermosa	M		N/A

A	Dianis Torres / Housewife / Vista Hermosa	F		N/A
A	Elisabeth de Torres / Housewife / Vista Hermosa	F		N/A
A	Angel Reyes / Cattle Farmer / Vista Hermosa	M		N/A
A	Alicia Segura / Housewife / Vista Hermosa	F		N/A
A	Estela Lopez / Housewife / Vista Hermosa	F		N/A
A	Edgar Rodriguez / Unemployed / Vista Hermosa	M		N/A
A	Cristian Lopez / Farmer / Vista Hermosa	M		N/A
A	Manuel Vasquez / Unemployed / Vista Hermosa	M		N/A
A	Oneyda Torres / Housewife / Vista Hermosa	F		N/A
A	Bleysi Rodriguez / Housewife / Vista Hermosa	F		N/A
A	Mirna Rodriguez / Student / Aguadulce	F		N/A
A	Renato Ariel Saenz / Real State Agent / Aguadulce	M		N/A

Comments accompanying Annex 1
N/A

ii. Evaluation forms

Name	Emma Reyes
What is your impression of the meeting?	This will be the first project like this in this community.
What do you like about the project?	That there will be jobs available because of the project.
What do you not like about the project?	Nothing.

Name	Marcelina Rodriguez
What is your impression of the meeting?	Very good impression.

What do you like about the project?	That it will bring a lot of employment to our community.
What do you not like about the project?	Everything is good with the project.

Name	Marlenys Reyes
What is your impression of the meeting	
What do you like about the project?	I like the increased job opportunities because of the project.
What do you not like about the project?	

Name	Diana Torres
What is your impression of the meeting?	Very good
What do you like about the project?	That the project will bring employment opportunities to our community
What do you not like about the project?	That the local member of congress decided not to attend.

Name	Jose Reyes
What is your impression of the meeting?	Very good
What do you like about the project?	The jobs
What do you not like about the project?	Everything is fine

Comments accompanying Annex 2 N/A

C. 2. Pictures from physical meeting(s)

Below are some images from the meeting:

C. 3. Outcome of consultation process

i. Minutes of physical meeting(s)

Minutes of the Panasolar Photovoltaic Project Public Consultation

Location: Vista Hermosa Community Church, Aguadulce District, Cocle Province, Republic of Panama

Date : May 09 2014

The meeting had an attendance of 27 members of the local community and from the surrounding areas. There were also present several members of the local community council, known as the "patronato".

Prior to the presentations given by the project owner there was an introduction given by Anel Saenz, who works with Anaconda Carbon, the carbon consultancy in charge of the carbon development of the project activity. Mr. Saenz gave a description of the agenda and introduced Mr. Enrico Desiata, who represents that Panasolar Generation S.A. And who also spoke during the meeting.

Anel Saenz went on to present some information on the project itself, such as the technical characteristics of the installations and what the anticipated environmental and social impacts of the project would be like. This presentation lasted approximately 20 minutes. All items in the sustainable development matrix were touched upon during this presentation.

After this presentation the floor was opened to a question and answer period regarding the presentation given and the sustainable development matrix parameters.

The participants did not mention any grievances with the project and had no comments regarding negative impacts upon the environmental parameters such as soil, water quality and quantity, etc.

Below are the questions and answers given during this section of the meeting:

Question #1: When will the project construction begin and how long will it last?

Answer: Construction will begin in approximately 4-5 months and should last one year.

Question #2: What contributions will the company make to the community?

Answer: Panasolar will donate a community water storage tank to replace the one that is in place now, which is too small. Panasolar will also donate the electricity necessary to run the water pump that feeds water to Vista Hermosa.

Pansolar will also donate paint and materials necessary for the maintenance of the sport installations in Vista Hermosa.

Question #3: Will Panasolar repair the road in the town?

Answer: We cannot pave the road because this is too expensive and is responsibility of the government. However, we will be able to add gravel to the road and help with some maintenance to the best of our abilities.

Question #4: Will the creek that runs through the property where the project activity be affected?

Answer: The creek will be protected and the trees that surround the creek will also be left untouched and protected.

Question #5: Will the PV panels affect the community?

Answer: The panels will not affects anybody because this is a renewable energy project with no adverse impacts to speak of. The panels absorb the sun's rays and do not reflect these.

Question #6: How many permanent jobs will there be after the construction?

Answer: Between 5 and 6, which include engineers, technicians, maintenance and security staff.

Question #7: Can Panasolar help us convince the authorities to help the community with infrastructure and other necessities?

Answer: Panasolar would like nothing more than to help the community improve its living conditions. However, we cannot guarantee that the authorities will respond to our communications.

Question #8: What labor will be used in the project?

Answer: The unqualified labor will come from the local community and the engineering and technical labor will come from Panama city mostly.

After the concerns that were remaining were addressed the participants were thanked for their participation and invited to some refreshments and snacks provided.

ii. Minutes of other consultations

N/A

iii. Assessment of all comments

Below is a summary of comments raised by the community during the Local Stakeholder Consultation meeting.

Stakeholder comment	Was comment taken into account (Yes/ No)?	Explanation (Why? How?)
Will the panels affect the community?	Yes	The panels will have absolutely no negative impacts on the community.
Will the project hire people from the local community during construction and operation?	Yes	Panasolar will give priority in hiring local people for skilled and non-skilled labor that the project needs during its construction phase.
Will the project help us with the road in the community?	Yes	Panasolar will do what it can to help with road maintenance and add gravel to the road, but the paving of the road

		is responsibility of the government.
Will the project affect the creek that runs through the property where the project activity runs?	Yes	The project will protect the section of the creek that runs through the property where the project activity is. Panasolar will also protect the trees that surround the creek.

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	☐	X

Give reasoning behind the decision
The Panasolar Photovoltaic project is a very small project with an installed capacity of less than 10 MW with little to no adverse environmental impact and with numerous social benefits. The area where the project activity will take place is privately owned by the project owners and is not next to or affecting any livestock or agricultural activities. Another factor that has been taken into account is that during all meetings with the local communities, the level of acceptance for the project has been very high. As a result, there is no reason to revisit the sustainable development 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.
No modifications are needed given the fact that the there was no negative feedback from the communities near the project. There has been an extensive dialogue between the council of the communities near the project and the project owner and all parties are comfortable with the outcome of meetings and with the plans the project owner has for project construction and execution.

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.	The Project activity is not in conflict with the livelihood of the local communities. Stakeholder consultations that have been carried out through questionnaires and with meetings and have shown all respondents are in support of the Project. It can therefore be concluded that the Project does not cause any human rights abuse. I should also be noted that Panama is a signatory of the United Nations Declaration on the Rights of Indigenous Peoples[1] as well as numerous United Nations Human Rights treaties[2].	Low	NA
2. The project does not involve and is not complicit in involuntary resettlement.	There has been no resettlement as the area was previously uninhabited.	Low	NA

[1] http://unbisnet.un.org:8080/ipac20/ipac.jsp?profile=voting&index=.VM&term=ares61295

[2] http://tbinternet.ohchr.org/_layouts/TreatyBodyExternal/Treaty.aspx?CountryID=133&Lang=EN

3. The project does not involve and is not complicit in the alteration, damage or removal of any critical cultural heritage.	There are no archaeological sites on the project site or the surrounding area according to the Archaeological Monitoring permit given to PANASOLAR from the National Institute of Culture (INAC), Resolution No. 157-17 DNPH from date 4th of July, 2017.	Low	NA
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.	The project owner will strictly respects the employees' freedom of association and their right to collective bargaining, therefore the project is not complicit in restrictions of these freedoms and rights, which are clearly stated in Panama's labor laws[3] and it should be noted that Panama has ratified the ILO Convention 87 and 98 on freedom of association and right to collective bargaining, respectively[4]..	Low	NA
5. The project does not involve and is not complicit in any form of forced or compulsory labor	No forced or compulsory labor is involved in the project. The project activity strictly complies with all	Low	NA

[3] Articles 334 - 340 of the Panamanian Labour Code: http://www.organojudicial.gob.pa/cendoj/wp-content/blogs.dir/cendoj/c%C3%B3digo-detrabajo.pdf

[4] ILO Convention 87 and 98 http://www.ilo.org/dyn/normlex/en/f?p=1000:11200:0::NO:11200:P11200_COUNTRY_ID:102792

	laws of other Republic of Panama[5]. The project proponent will only recruit professional staff responsible for construction, operation and maintenance of the Project. All contracts will be signed between the project proponent and the staff and be in accordance to Panamanian laws. The project activity is not complicit in any form of forced or compulsory labor and it should be noted that Panama has ratified the ILO Convention 29 and 105 on elimination of forced and compulsory labor.[6]		
6. The project does not employ and is not complicit in any form of child labour.	No child labor is involved in the project, in accordance to Panamanian labor laws[7]. It should also be noted that Panama has ratified Convention	Low	NA

5 Article 1 of the Panamanian Labor Code: http://www.organojudicial.gob.pa/cendoj/wp-content/blogs.dir/cendoj/c%C3%B3digo-detrabajo.pdf

6 http://www.ilo.org/dyn/normlex/en/f?p=1000:11200:0::NO:11200:P11200_COUNTRY_ID:102792

7 Articles 117 – 125 of the Panamanian Labor Code: http://www.organojudicial.gob.pa/cendoj/wp-content/blogs.dir/cendoj/c%C3%B3digo-detrabajo.pdf

	138(minimum age) and convention 182(worst form of child labor) under the ILO Declaration on Fundamental Principles and Rights at Work[5].		
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.	The Project will act in strict accordance to Panamanian labour laws[8] and protect the rights of all staff and make sure it is involved nor complicit it in any form of discrimination based on gender, race, religion, sexual orientation or any other basis. It should also be noted that Panama has ratified Convention 100(equal remuneration) and convention 111 (Discrimination in employment/occupation) under the ILO Declaration on Fundamental Principles and Rights at Work[5].	Low	NA
8. The project provides workers with a safe and healthy work environment and is not complicit in exposing workers to unsafe or unhealthy work environments.	The Project will act in strict accordance to Panamanian labour laws and the project sponsor is committed to improve people working situation and therefore looks after a healthy work environment[9]	Medium	Proper annually trainings for all workers, and distribution and usage of protective equipment.

[8] Articles 21 and 23 of the Panamanian Labor Code: http://www.organojudicial.gob.pa/cendoj/wp-content/blogs.dir/cendoj/c%C3%B3digo-detrabajo.pdf

[9] Articles 283 - 325 of the Panamanian Labor Code: http://www.organojudicial.gob.pa/cendoj/wp-content/blogs.dir/cendoj/c%C3%B3digo-detrabajo.pdf

	according to the policies established in the document training and qualification "Procedimiento General Formación y Capacitación (PG-06)".		
9. The project takes a precautionary approach in regard to environmental challenges and is not complicit in practices contrary to the precautionary principle.	Because the project activity is a new built solar PV power project, it will have a very limited impact to air, soil, water and noise pollution. There will not be any dangerous chemicals produced as a result of the project activity during the construction and operation phases. Also, any liquid or solid wastes will be safely disposed. Therefore the project activity will not raise any threat of harm to human health or the environment. The transmission line will cover few kilometres given the proximity of the substation. There is very little tree cover that will be affected during the installation of this transmission line,	Low	The project owner is very mindful of any possible environmental impacts during construction and operation of the project. All government laws regarding environmental impact have been followed and will be followed during project execution.

	particularly given the little tree cover in the area. It should also be noted that the transmission line will be mix (underground and aerial) and it does not require for trees to be cut or trimmed where the lines passes.		
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 value, or (d) recognized as protected by traditional local communities.	None of the mentioned critical natural habitats are touched by the project. Before the construction phase of the project, the land on which the project is to take place is barren and unfertile and no beneficial use other than for cattle grazing. There is no critical natural habitats within or around the project site. Therefore the project activity is not complicit in significant conversion or degradation of critical natural habitats.	Low	NA
11. The project does not involve and is not complicit in corruption.	The project activity will not promote or be complicit in corruption. All the project financial information will be available for the project beneficiaries and legal authorities to ensure that the project does not involve and is not	Low	The company has a clear policy regarding the rules of conduct regarding gifts and bribes and the engagement in

	complicit in corruption. It should also be noted that Panama is a signatory of the UN Convention against Corruption[10].		any form corruption activities.

10 https://www.unodc.org/unodc/en/treaties/CAC/signatories.html

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" –table, or include mitigation measure used to neutralise a score of '–'**	**Check www.undp.or/mdg and www.mdgmonitor.org** **Describe how your indicator is related to local MDG goals**	**Defined by project developer**	Negative impact: score '-' in case negative impact is not fully mitigated score 0 in case impact is planned to be fully mitigated No change in impact: score 0 Positive impact: score '+'
Air quality	NA	MDG target 7The project activity will avoid pollutant emissions (SOx, NOx, CO, VOC, particulate) from fossil fuels that would have been used for energy generation.	**Chosen parameter:** Total electricity generated	+
Water quality and quantity	NA	**MDG target 7** The project activity will have no effect on water resources quality and quantity.		0
Soil condition	NA	**MDG target 7** The project will not have any effect on soil conditions.		0
Other pollutants	**NA**	**NA**	**NA**	0

Biodiversity	NA	**MDG Target 7** The project will not affect biodiversity, though the reduced consumption of fossil fuel and related reduction in emission will have positive effects.		0
Quality of employment	All workers receive a regular contract, including social insurance and a salary with at least the minimum legal salary.	**MDG Target 1** **The MDG goal (positively) affected is:** **1.5 Employment-to population ratio**	Chosen Parameter: Number of contracts.	+
Livelihood of the poor	All workers receive a regular contract, including social insurance and a salary with at least the minimum legal salary.	MDG Target 1The MDG goal (positively) affected is: 1.5 Employment-to population **ratio**	Chosen Parameter: Number of contracts.	**+**
Access to affordable and clean energy services	**The Panasolar PV project will provide additional electricity to the national grid allowing for further expansion of the distribution.**	**MDG Target 7** **NA**	**Chosen parameter: Total Electricity generated**	+
Human and institutional capacity	NA	**MDG Target 1** MDG Goal #1: Eradicate extreme poverty and hunger. MDG Goal #3: Promote gender equality and empower women	NA	0

Quantitative employment and income generation	All workers receive a regular contract, including social insurance and a salary with at least the minimum legal salary.	**MDG Target 1** The MDG goal (positively) affected is: 1.5 Employment-to population ratio	**Chosen parameter:** Number of contracts	+
Balance of payments and investment	NA	MDG Target 8	**NA**	0
Technology transfer and technological self-reliance	NA	**MDG Target 8** The project will help the dissemination of solar PV technology in rural areas.	**Chosen parameter: total electricity generated**	+

Justification choices, data and provision of references

Air quality	The adoption of solar PV technology reduces the emission of pollutants and greenhouse gas into the atmosphere, even when the whole life cycle analysis of the PV production is accounted for. -A.E.Alsema,EnergyRequirementsandCO2MitigationPotentialofPVSystems: http://igitur-archive.library.uu.nl/copernicus/2006-0308-200117/98054.pdf - http://www.scientificamerican.com/article.cfm?id=solar-cells-prove-cleaner-way-to-produce-power Moreover, air quality will be improved substantially compared to emission levels (SOx and NOx) related to fossil fuel-fired power plants. As the Project supplies clean energy and replaces equivalent electricity from the grid, it helps to reduce SOx and NOx emissions that would be produced without the Project, and thus can have a positive impact on air quality.
Water quality and quantity	Waste water will be minimized by reuse of water and by installation of proper drainage systems. The seasonal creek that runs through the project property will be left untouched and all surrounding vegetation will also be left untouched. Data source: The Environmental Impact Assessment Report of the Project activity and the granting of the Environmental License, granted by ANAM, Panama's Environmental Authority.
Soil condition	The project would not emit any pollutants to the soil during the construction and operation period, with no negative impact on the soil quality. Data source: The Environmental Impact Assessment Report of the Project activity and the granting of the Environmental License, granted by ANAM, Panama's

	Environmental Authority.
Other pollutants	During the construction period waste materials from residuals and domestic garbage will be cleaned and sent to a landfill in order to reduce the impact on the surrounding environment. During the operation phase, waste silicon cell residuals will be recycled by the supplier. Because of the listed procedures and practices listed above, the solid waste from the Project was no negative impact on the local environment. Data source: The Environmental Impact Assessment Report of the Project activity and the granting of the Environmental License, granted by ANAM, Panama's Environmental Authority.
Biodiversity	The land on which the project will take place is barren and unfertile with no beneficial use. The negligible quantity of solid/liquid waste, to be generated during the construction phase will have no noticeable impact on soil use and will be disposed of in an environmentally sound manner. Moreover, there are no migratory birds/ endangered species in the region of the project activity. Data source: The Environmental Impact Assessment Report of the Project activity and the granting of the Environmental License, granted by ANAM, Panama's Environmental Authority.
Quality of employment	Besides providing training to the employees, the Project will create permanent jobs that require qualified and skilled staff. Given the fact that this will be the first project of its kind in Panama, staff will be trained to have the appropriate skills and certification to perform such power generation. As per Panamanian labor laws, labor conditions will ensure the working environment, labor intensity and work times will be of humane and internationally recognized standards. Health and safety standards of the employees will also be conducted according to Panamanian labor laws, ensuring appropriate working conditions for the staff. Data Source: Organización Internacional del Trabajo, Oficina Regional para América Latina y el Caribe www.oit.org.pe/portal Código de Trabajo de Panamá: **http://www.organojudicial.gob.pa/cendoj/wp-content/blogs.dir/cendoj/c%C3%B3digo-detrabajo.pdf**
Livelihood of the poor	Through the additional employment, the beneficiaries increase their economic potential, more precisely, of the employee's family members. Data Source: UN Report on the World Social Situation 2007: The Employment Imperative (**http://www.un.org/esa/socdev/rwss/docs/2007/rwss07_fullreport.pdf**) Moreover, the project will improve the livelihood of the employees through training, income, and national social security. The project proponents have also pledged to

	donate a water storage tank to be used by the local inhabitants. The water pump that feeds the Vista Hermosa community with said water will also now run with electricity donated from the project activity.
Access to affordable and clean energy services	The project utilizes renewable, solar energy to displace fossil fuel in the Panamanian electricity grid. Which results in a small and positive contribution in meeting national power demand and thus indirectly helps to maintain the security of the electricity system. Data Source: Empresa de Transmisión Eléctrica S.A. **http://www.etesa.com.pa/**
Human and institutional capacity	Besides providing training to the employees, the Project will create permanent jobs that require qualified and skilled staff. Given the fact that this will be the first project of its kind in Panama, staff will be trained to have the appropriate skills and certification to perform such power generation.
Quantitative employment and income generation	The number of contracts is an effective measure to reflect the labor volume and income generation. Data Source: UN Report on the World Social Situation2013: http://www.un.org/esa/socdev/documents/reports/InequalityMatters.pdf Moreover, the project will provide up to 7 permanent work positions for people responsible for operation and maintenance of the project during the operation phase. Given that these staff will be mostly engineers and skilled labor, their salary levels will exceed the local average salary levels.
Access to Investment	The electricity generated by the project activity will displace equivalent electricity mostly produced by fossil fueled power plants, resulting in reduced fossil fuel consumption. Panama imports all coal and fossil fuels used for energy use. Data source: Empresa de Transmisión Eléctrica S.A. **http://www.etesa.com.pa/**
Technology transfer and technological self-reliance	The project entails implementation of solar PV technology in Panama, something that has never been done before outside of a small pilot plant that was developed by the government. This is a significant transfer of technology and know-how for Panama. Data source: Empresa de Transmisión Eléctrica S.A. **http://www.etesa.com.pa/**

Comments accompanying own sustainable development matrix
N/A

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" –table, or include mitigation measure used to neutralise a score of '–'**	**Check www.undp.or/mdg and www.mdgmonitor.org** **Describe how your indicator is related to local MDG goals**	**Defined by project developer**	Negative impact: score '-' in case negative impact is not fully mitigated score 0 in case impact is planned to be fully mitigated No change in impact: score 0 Positive impact: score '+'
Air quality	NA	The project activity will avoid pollutant emissions (SOx, NOx, CO, VOC, particulate) from fossil fuels that would have been used for energy generation.	**Chosen parameter: Total electricity generated**	+
Water quality and quantity	NA	**MDG target 7** The project activity will have no effect on water resources quality and quantity.	**NA**	0
Soil condition	NA	**MDG target 7** The project will not have any effect on soil conditions.	**NA**	0
Other pollutants	NA	NA	**NA**	0

Biodiversity	**NA**	**MDG Target 7** **The project will not affect biodiversity, though the reduced consumption of fossil fuel and related reduction in emission will have positive effects.**	**NA**	0
Quality of employment	All workers receive a regular contract, including social insurance and a salary with at least the minimum legal salary.	**MDG Target 1**	**Chosen parameter:** Number of contracts	+
Livelihood of the poor	All workers receive a regular contract, including social insurance and a salary with at least the minimum legal salary.	**The MDG goal (positively) affected is: 1.5 Employment-to population** ratio	**Chosen parameter:** Number of contracts	+
Access to affordable and clean energy services	The Panasolar PV project will provide additional electricity to the national grid allowing for further expansion of the distribution.	**MDG Target 7** NA	**Chosen parameter: Total electricity generatedChosen parameter: Total energy generated**	+
Human and institutional capacity	NA	**MDG Target 1** **MDG Goal #1: Eradicate extreme poverty and hunger. MDG Goal #3: Promote gender equality and empower women**	NA	0

Quantitative employment and income generation	All workers receive a regular contract, including social insurance and a salary with at least the minimum legal salary.	**MDG Target 1** The MDG goal (positively) affected is: 1.5 Employment-to population **ratio**	**Chosen parameter:** Number of contracts	+
Balance of payments and investment	NA	NA	NA	0
Technology transfer and technological self-reliance	NA	**MDG Target 8** The project will help the dissemination of solar PV technology in rural areas.	**Chosen parameter: Total energy generated**	0

Comments resulting from the stakeholders blind sustainable development matrix

The project is positively perceived by local participants and are particularly enthusiastic about the possibility of a cleaner energy source and increased local employment opportunities.

Stakeholders provided identical scores to the SD matrix indicators and also found the proposed mitigation measures and parameters proposed by the project owner to be sufficient.

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

There are no differences between both matrixes. The initial Sustainable Development matrix is not altered. SD Matrix scores were later changed after feedback from the DOE. Updated scores are recorded in the consolidated SD Matrix below.

D. 3. Consolidated 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" –table,**	**Check www.undp.or/mdg and www.mdgmonito**	**Defined by project developer**	Negative impact: score '-' in case negative impact is not fully mitigated

	or include mitigation measure used to neutralise a score of '–'	**r.org** **Describe how your indicator is related to local MDG goals**		score 0 in case impact is planned to be fully mitigated No change in impact: score 0 Positive impact: score '+'
Air quality		**MDG target 7**	**Explanation:** The project activity will avoid pollutant emissions (SOx, NOx, CO, VOC, particulate) from fossil fuels that would have been used for energy generation. However, Concentrations of Sox and NOX cannot be easily monitored by the project, nor can any changes be attributed to the project. Therefore this parameter scores "0".	0
Water quality and quantity	There is no Waste of water. The seasonal creek that runs through the project property will be left untouched and all surrounding vegetation will also be left untouched.	**MDG target 7**	**Explanation:** There is no waste water created within the project activity. Also, the seasonal creek that runs through the project property will be left untouched. Therefore it scores '0'.	0

Soil condition	Water and soil conservation will be emphasized during and after construction, according to the waste management and disposal plan in all phases of the project, established in the Environmental Impact Assessment Study Report.	**MDG target 7**	**Explanation:** The project would not emit any pollutants to the soil during the construction and operation period, with no negative impact on the soil quality. According to the Procedure Plan for Waste management of the Project the quantity of solid/liquid waste, to be generated during the construction phase, will be an estimated of 51.35 Kg considering all the materials that will be used in this phase. This plan also specified that the project have no noticeable impact on soil use and will be disposed of in an environmentally sound manner. Therefore it scores '0'.	0
Other pollutants	During the construction period waste materials from residuals and	**NA**	**Explanation:** With the	0

	domestic garbage will be cleaned and sent to a landfill in order to reduce the impact on the surrounding environment. During the operation phase, waste silicon cell residuals will be recycled by the supplier. Because of the listed procedures and practices listed above, the solid waste from the Project was no negative impact on the local environment.		implementation of mitigation and management measures, solid waste from the project activity will present no negative impact on the local environment. The noise during construction mainly comes from operating equipment and transportation vehicles. The construction time and will be controlled strictly, so as to not bother the local population. Machinery and transportation equipment will also have the proper maintenance in order to lower noise levels. Therefore impact from noise is not significant. Therefore it scores '0'.	
Biodiversity	Through revegetations measures, the condition of ground vegetation will be gradually improved and the biodiversity will be gradually improved.	**MDG Target 7**	**Explanation:** The land on which the project will take place is barren and unfertile with with very sparse vegetation with no beneficial use, according to the section 3.2 Categorization, Criterion II of the Environmental	0

			Impact Study[15]. Moreover, there are no migratory birds/ endangered species in the region of the project activity. Therefore, the project activity scores '0'.	
Quality of employment	NA	**MDG Target 1**	**Chosen parameter:** Payroll information of employees and how it compares to minimum wage in Panama that is $3.14 per hour[16]. Number of events that have training of staff regarding, safe and healthy working conditions or other technical project implementation aspects. **Explanation:** Besides providing training to the employees, the Project will create permanent jobs that require qualified and skilled staff. Given the fact that this will be the first project of its kind in Panama, staff will be trained to have the appropriate skills and certification to perform such power	+

15 Estudio de Impacto Ambiental, Categoria I, Proyecto "Generación de 9.9 MW de Energía Fotovoltaíca, Page 6.

16 Decree No. 75, Article 2 from Panama Labor Law

https://www.gacetaoficial.gob.pa/pdfTemp/28433_A/GacetaNo_28433a_20171227.pdf

			generation. As per Panamanian labor laws, labor conditions will ensure the working environment, labor intensity and work times will be of humane and internationally recognized standards. Health and safety standards of the employees will also be conducted according to Panamanian labor laws, ensuring appropriate working conditions for the staff. Therefore it scores '+'.	
Livelihood of the poor	NA	**MDG Target 1**	**Chosen parameter:** Availability and use of water tank for the community. **Explanation:** The project will improve the livelihood of the employees through training, income, and national social security. The project proponents have also pledged to donate a water storage tank to be	+

			used by the local inhabitants. The water pump that feeds the Vista Hermosa community with said water will also now run with electricity donated from the project activity.	
Access to affordable and clean energy services	NA	**MDG Target 7**	**Explanation:** The project utilizes renewable, solar energy to displace fossil fuel in the Panamanian electricity grid. Which results in a small and positive contribution in meeting national power demand and thus indirectly helps to maintain the security of the electricity system. However, since the project is a modest size, the total impact on the grid composition will be relatively small. Therefore, in the interest of conservativeness the score given is '0'.	0
Human and	NA	**MDG Target 1**	**Chosen parameter:**	+

institutional capacity			Number of employees in skilled jobs. Proportion of locally hired (employees that lives near the Project) employees will be monitored Number of trainings sessions per year given to all employees according to the policiesestablished in the document training and qualification "Procedimiento General Formación y Capacitación (PG-06)". **Explanation:** Besides providing training to the employees, the Project will create permanent jobs that require qualified and skilled staff. Given the fact that solar projects are rare in Panama, staff has to be trained to have the appropriate skills and certification to perform such power generation. Therefore it scores '+'.	
Quantitative employment and income generation	All workers receive a regular contract, including social insurance and a salary with at least the minimum legal	**MDG Target 1**	**Chosen parameter:** Number of jobs and the staff salary level. Proportion of locally hired	+

	salary.		(employees that lives near the Project) employees will be monitored. **Explanation:** The project will provide up to 7 permanent work positions for people responsible for operation and maintenance of the project during the operation phase. Given that these staff will be mostly engineers and skilled labor, their salary levels will exceed the local average salary levels. Therefore the score given is '+'.	
Access to Investment	NA	**MDG Target 8**	. **Explanation:** The electricity generated by the project activity will displace equivalent electricity mostly produced by fossil fueled power plants, resulting in reduced fossil fuel consumption. Panama imports all coal and fossil fuels used for energy use. However, given the relatively small size of the project activity, the perceived displaced coal import is	0

			marginal to the total imports, the impact is deemed to be very small. Therefore, it scores '0'.	
Technology transfer and technological self-reliance	NA	**MDG Target 8**	**Explanation: The project entails implementation of solar PV technology in Panama, something that is not common practice in Panama. However, there are newer Solar PV project that are being developed and that will developed in Panama, which makes monitoring of this parameter difficult. Therefore the score given is '0'.**	0

Justification choices, data source and provision of references	
Air quality	The adoption of solar PV technology reduces the emission of pollutants and greenhouse gas into the atmosphere, even when the whole life cycle analysis of the PV production is accounted for. -A.E.Alsema,EnergyRequirementsandCO2MitigationPotentialofPVSystems: http://igitur-archive.library.uu.nl/copernicus/2006-0308-200117/98054.pdf -http://www.scientificamerican.com/article.cfm?id=solar-cells-prove-cleaner-way-to- produce-power Moreover, air quality will be improved substantially compared to emission levels (SOx and NOx) related to fossil fuel-fired power plants. As the Project supplies clean energy and replaces equivalent electricity from the grid, it helps to reduce SOx and NOx emissions that would be produced without the Project, and thus can have a positive impact on air quality.
Water quality and quantity	Waste water will be minimized by reuse of water and by installation of proper drainage systems. The seasonal creek that runs through the project property will be left untouched and all surrounding vegetation will also be left untouched.

	Data source: The Environmental Impact Assessment Report of the Project activity and the granting of the Environmental License, granted by ANAM, Panama's Environmental Authority.
Soil condition	The project would not emit any pollutants to the soil during the construction and operation period, with no negative impact on the soil quality. Data source: The Environmental Impact Assessment Report of the Project activity and the granting of the Environmental License, granted by ANAM, Panama's Environmental Authority.
Other pollutants	During the construction period waste materials from residuals and domestic garbage will be cleaned and sent to a landfill in order to reduce the impact on the surrounding environment. During the operation phase, waste silicon cell residuals will be recycled by the supplier. Because of the listed procedures and practices listed above, the solid waste from the Project was no negative impact on the local environment. Data source: The Environmental Impact Assessment Report of the Project activity and the granting of the Environmental License, granted by ANAM, Panama's Environmental Authority.
Biodiversity	The land on which the project will take place is barren and unfertile with no beneficial use. The negligible quantity of solid/liquid waste, to be generated during the construction phase will have no noticeable impact on soil use and will be disposed of in an environmentally sound manner. Moreover, there are no migratory birds/ endangered species in the region of the project activity. Data source: The Environmental Impact Assessment Report of the Project activity and the granting of the Environmental License, granted by ANAM, Panama's Environmental Authority.
Quality of employment	Besides providing training to the employees, the Project will create permanent jobs that require qualified and skilled staff. Given the fact that this will be the first project of its kind in Panama, staff will be trained to have the appropriate skills and certification to perform such power generation. As per Panamanian labor laws, labor conditions will ensure the working environment, labor intensity and work times will be of humane and internationally recognized standards. Health and safety standards of the employees will also be conducted according to Panamanian labor laws, ensuring appropriate working conditions for the staff. Data Source: Organización Internacional del Trabajo, Oficina Regional para

	América Latina y el Caribe www.oit.org.pe/portal Código de Trabajo de Panamá: http://www.organojudicial.gob.pa/cendoj/wp-content/blogs.dir/cendoj/c%C3%B3digo-detrabajo.pdf
Livelihood of the poor	Through the additional employment, the beneficiaries increase their economic potential, more precisely, of the employee's family members. Data Source: UN Report on the World Social Situation 2013 http://www.un.org/esa/socdev/documents/reports/InequalityMatters.pdf Moreover, the project will improve the livelihood of the employees through training, income, and national social security. The project proponents have also pledged to donate a water storage tank to be used by the local inhabitants. The water pump that feeds the Vista Hermosa community with said water will also now run with electricity donated from the project activity.
Access to affordable and clean energy services	The project utilizes renewable, solar energy to displace fossil fuel in the Panamanian electricity grid. Which results in a small and positive contribution in meeting national power demand and thus indirectly helps to maintain the security of the electricity system. Data Source: Empresa de Transmisión Eléctrica S.A. http://www.etesa.com.pa/
Human and institutional capacity	Besides providing training to the employees, the Project will create permanent jobs that require qualified and skilled staff. Given the fact that this will be the first project of its kind in Panama, staff will be trained to have the appropriate skills and certification to perform such power generation.
Quantitative employment and income generation	The number of contracts is an effective measure to reflect the labor volume and income generation. Data Source: UN Report on the World Social Situation2013: http://www.un.org/esa/socdev/documents/reports/InequalityMatters.pdf Moreover, the project will provide up to 7 permanent work positions for people responsible for operation and maintenance of the project during the operation phase. Given that these staff will be mostly engineers and skilled labor, their salary levels will exceed the local average salary levels.
Access to Investment	The electricity generated by the project activity will displace equivalent electricity mostly produced by fossil fueled power plants, resulting in reduced fossil fuel consumption. Panama imports all coal and fossil fuels used for energy use. Data source: Empresa de Transmisión Eléctrica S.A. http://www.etesa.com.pa/
Technology transfer and technological	The project entails implementation of solar PV technology in Panama, something that has never been done before outside of a small pilot plant

self-reliance	that was developed by the government. This is a significant transfer of technology and know-how for Panama. Data source: Empresa de Transmisión Eléctrica S.A. http://www.etesa.com.pa/

Comments accompanying own sustainable development matrix N/A

SECTION E. SUSTAINABILITY MONITORING PLAN

No.		1
Indicator		Quantitative employment and income generation
Mitigation measure		NA since indicator scored positive.
Chosen parameter		Number of jobs created in the operations of the Project and their salary levels. Proportion locally hired employees will also be monitored.
Current situation of parameter		Without the project activity, the local people have no such job opportunities from the project, and their incomes see no increase.
Estimation of baseline situation of parameter		In the baseline, the local people have no such job opportunities from the project, and their incomes see no increase. Consistency in the number of jobs created during operational period, and the salary of employees will be above the local average.
Future target for parameter		Consistent number of jobs created during operational period, and salary levels of employees to be above the local average.
Way of monitoring	How	HR records that show total number of employees or report proportion of locally hired employees (people that live near the Project) will be monitored. Tjhese salaries will be confirmed to be at or above the national legal minimum salary.
	When	Monthly
	By who	Project Owner

No.		2
Indicator		Quality of employment
Mitigation measure		NA since indicator scored positive.
Chosen parameter		Payroll information of employees and how it compares to minimum wage in Panama that is $3.14 per hour. Number of events that have training of staff regarding safe and healthy working conditions or other technical project implementation aspects.Provision of adequate personal protective equipment (PPE) will also be monitored.
Current situation of parameter		Without the Project, local people have no such opportunities to be trained on the technology and the monitoring of the plant operation.
Estimation of baseline situation of parameter		In the baseline, local people have no such opportunities to be trained on the technology and the monitoring of the plant operation.
Future target for parameter		The project proponents organize training for the staff on the technology and the monitoring of the plant operation.
Way of monitoring	How	The training records for all the employees, including health and safety training. Provision of adequate personal protective equipment (PPE) will also be monitored
	When	Annually
	By who	Project Owner

No.	3
Indicator	Human and institutional capacity
Mitigation measure	NA since indicator scored positive.
Chosen parameter	Number of employees in skilled jobs. Proportion of locally hired employees (people that live in the same town) will be monitored Number of trainings sessions per year according to the policies established in the document training and qualification “Procedimiento General Formación y Capacitación (PG-06)”.

Current situation of parameter		Without the Project, local people have no such opportunities to be trained on the technology and the monitoring of the plant operation.
Estimation of baseline situation of parameter		In the baseline, local people have no such opportunities to be trained on the technology and the monitoring of the plant operation.
Future target for parameter		Consistent number of jobs created during operational period, and salary levels of employees to be above the local average as well as the % of employees that are local.
Way of monitoring	How	Number of contracts with employees and number of training session annually as well as the % of employees that are local.
	When	Annually
	By who	Project owner.

No.		4
Indicator		Livelihood of the poor
Mitigation measure		NA since indicator scored positive.
Chosen parameter		Operation of water tank in the local community
Current situation of parameter		Without the Project, local people have no water tank available for their use like the one that the project activity will donate.
Estimation of baseline situation of parameter		In the baseline, local people do not have access to a water tank such as the one that the project will donate.
Future target for parameter		Availability and use of water tank for the community.
Way of monitoring	How	Confirmation of use and availability of water tank by the local community.
	When	Monthly.
	By who	Project owner.

Additional remarks monitoring

NA

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?

No modifications are needed given the fact that the there was no negative feedback from the communities near the project. There has been an extensive dialogue between the council of the communities near the project and the project owner.

It should also be noted that a book for continuous input and grievances is also available for local stakeholders to write whatever comments they may have concerning the project. This was chosen as it is easy to access and the teacher who is in charge of safeguarding the book is a member of the community council.

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	The book shall be available at the local municipality and availability of this book was explicitly discussed with the stakeholders during the LSC.	The information provided from stakeholders will be archived by the project participant and provided to Anaconda Carbon, to be published periodically in the Anaconda Carbon website.
Telephone access	Mr. Enrico Desiata +507 68966754	The contact information provided corresponds to the project owner, located in Panama which facilitates contact in person if needed.
Internet/email access	enrico.desiata@gmail.com	The contact information provided corresponds to the project owner, located in Panama which facilitates contact if needed.
Nominated Independent Mediator (optional)	NA	NA

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 STAKEHOLDER FEEDBACK ROUND

A copy of PDD and GS Passport has been left at the house of the local community representative for review by the local stakeholders. In addition, the local stakeholder feedback round is based on a book will be available at the"Vista Hermosa" church , where the stakeholder will be able to include all comments and questions that may appear during construction and operation of the project. The availability of the book has been discussed with the foreman at the construction site and with the clergy at the church, who will then relay the information to all of the construction workers at the project site and to the local population.

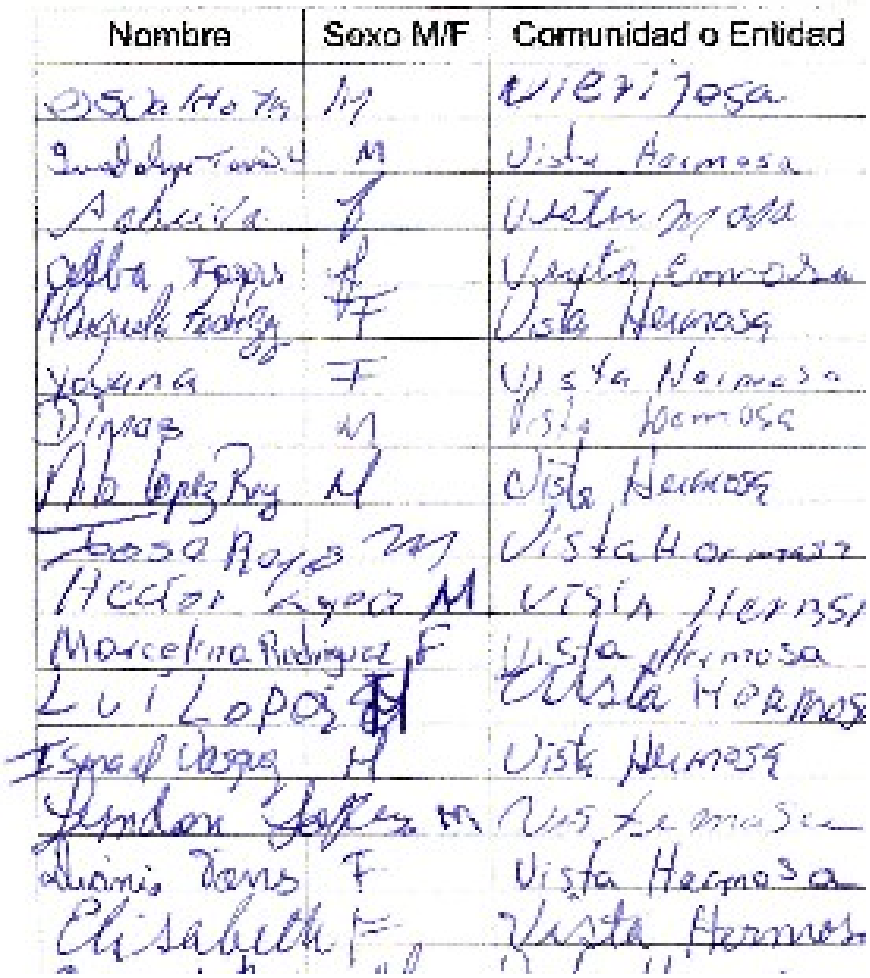
Any comments made to this book will be reviewed and addressed by the project owner and responded in person or in writing with the person(s) making the entry into the feedback book.

The PP received a comment about the status of the road on July 27, 2017. The PP finish the reparation of the road as response to the stakeholder comment in September 24, 2017.

ANNEX 1.	ORIGINAL PARTICIPANTS LIST

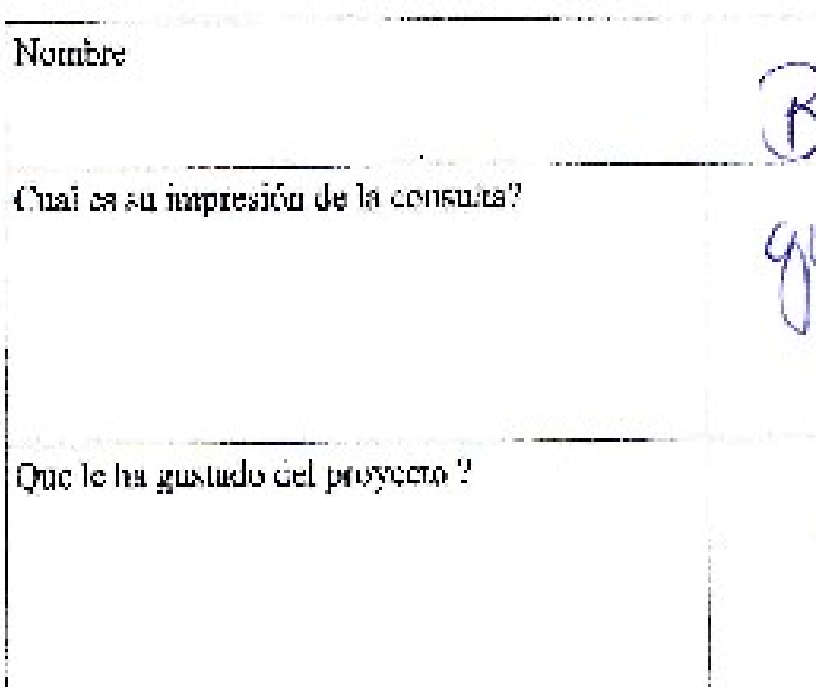
Listado de Asistentes **Consulta Publ**

Consulta Publica Local Proyecto Fotovo



Nombre	Sexo M/F	Comunidad o Entidad
[illegible]	M	Viejo Jose
[illegible]	M	Vista Hermosa
[illegible]	F	Vista Hermosa
[illegible]	F	Vista Hermosa
[illegible]	F	Vista Hermosa
[illegible]	F	Vista Hermosa
[illegible]	M	Vista Hermosa
[illegible]	M	Vista Hermosa
[illegible]	M	Vista Hermosa
[illegible]	M	Vista Hermosa
[illegible]	F	Vista Hermosa
[illegible]	M	Vista Hermosa
[illegible]	M	Vista Hermosa
[illegible]	F	Vista Hermosa
[illegible]	F	Vista Hermosa

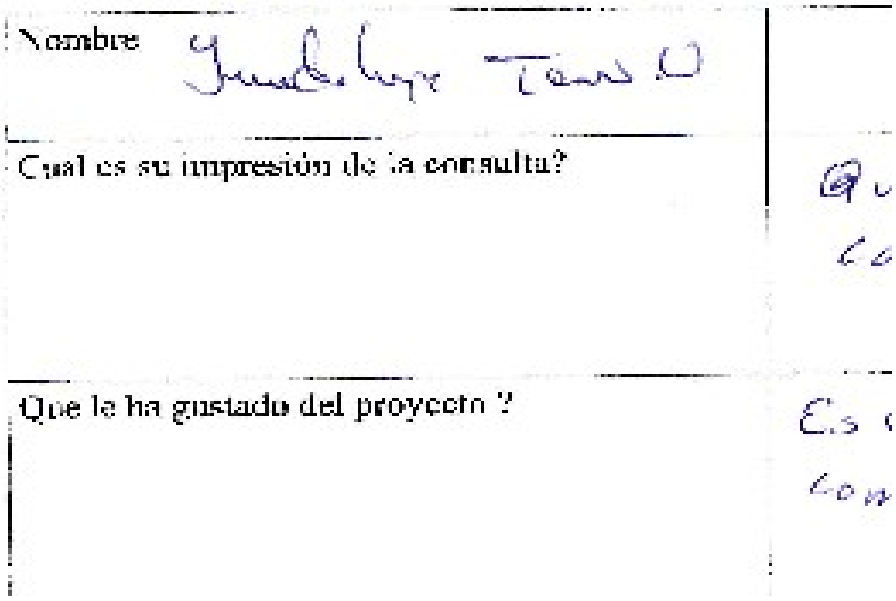
ANNEX 2. ORIGINAL EVALUATION FORMS



Nombre

¿Cual es su impresión de la consulta?

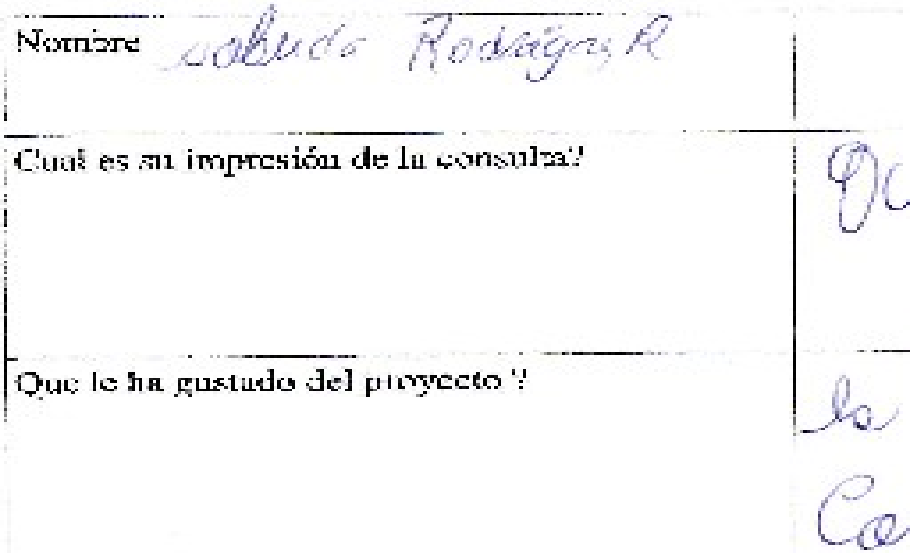
Que le ha gustado del proyecto ?



Nombre

¿Cual es su impresión de la consulta?

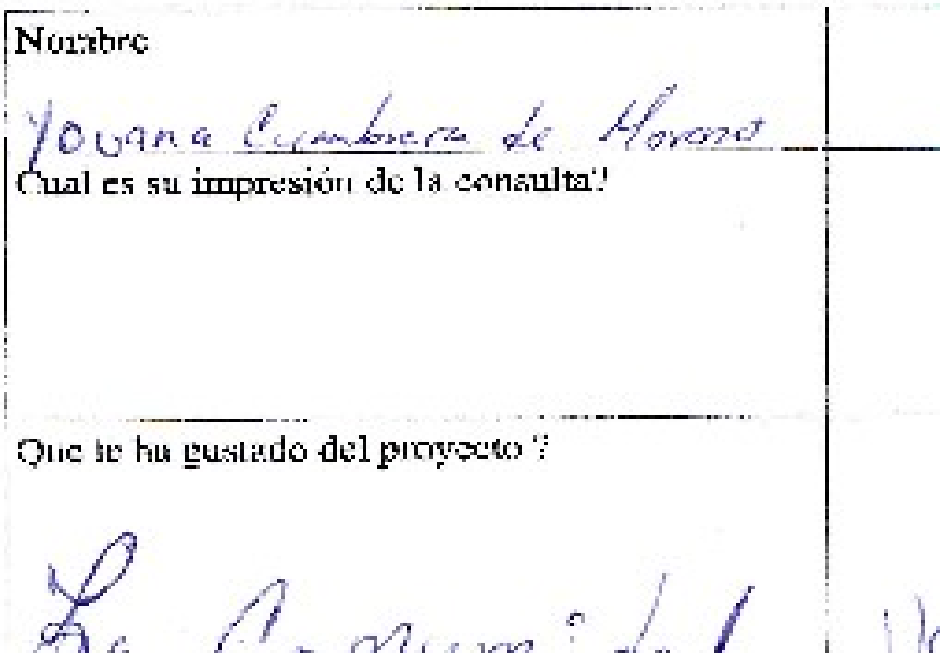
Que le ha gustado del proyecto ?



Nombre: Saludo Rodriguez R

Cual es su impresión de la consulta?: Qu

Que le ha gustado del proyecto ?: la Ca



Nombre: Yovana Cumbrera de Moreno

Cual es su impresión de la consulta?

Que le ha gustado del proyecto ?

Nombre Marquida Rod

Cual es su impresión de la consulta?

Una comidad
mejor

Que le ha gustado del proyecto ?

Los que van ace

Nombre Emma Reyes T

Cual es su impresión de la consulta?

Que primera

Bes que ay un proyecto

Que le ha gustado del proyecto ?

Que ya abre mucho

Nombre

Marlenny Reyes

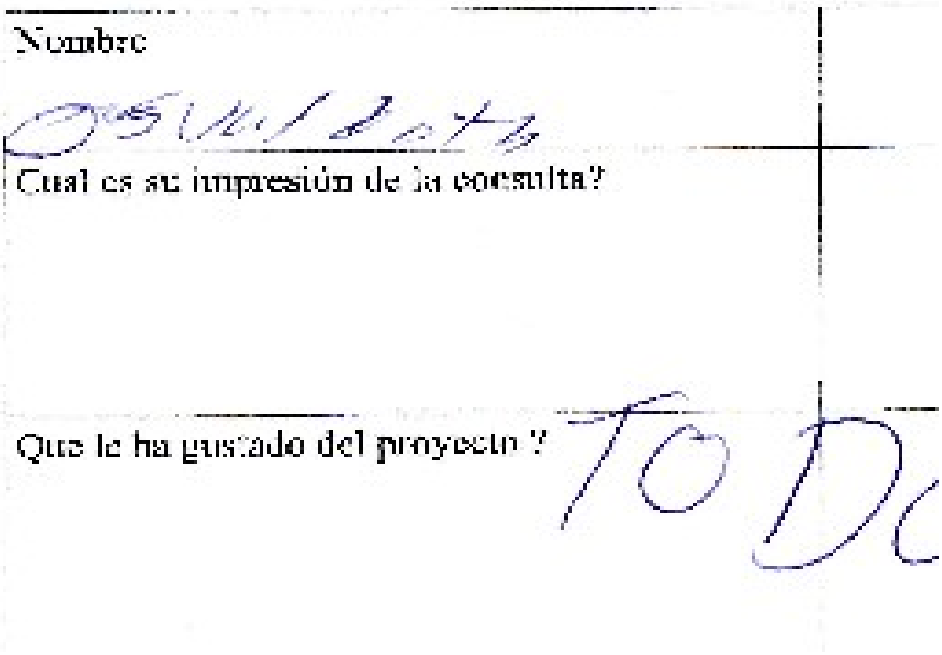
Cual es su impresión de la consulta?

Que le ha gustado del proyecto ?

Nombre

Cual es su impresión de la consulta?

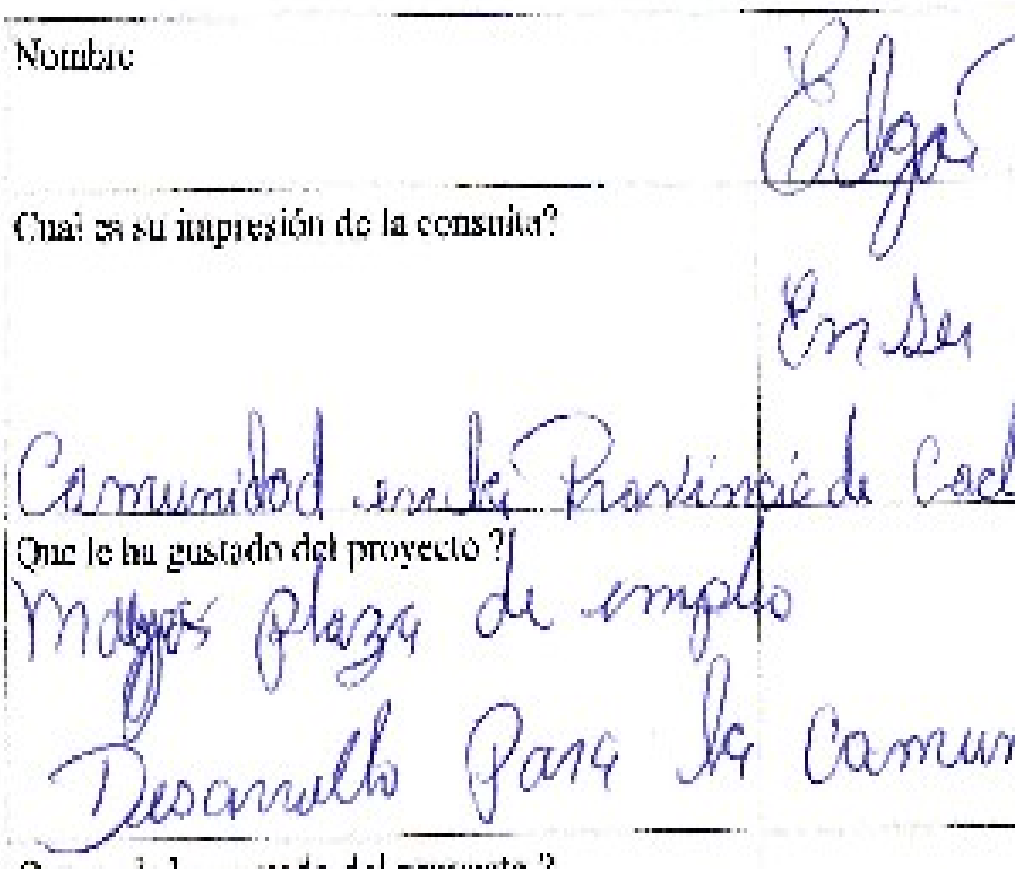
Que le ha gustado del proyecto ?



Nombre

Cual es su impresión de la consulta?

Que le ha gustado del proyecto ?



Nombre: Edgar

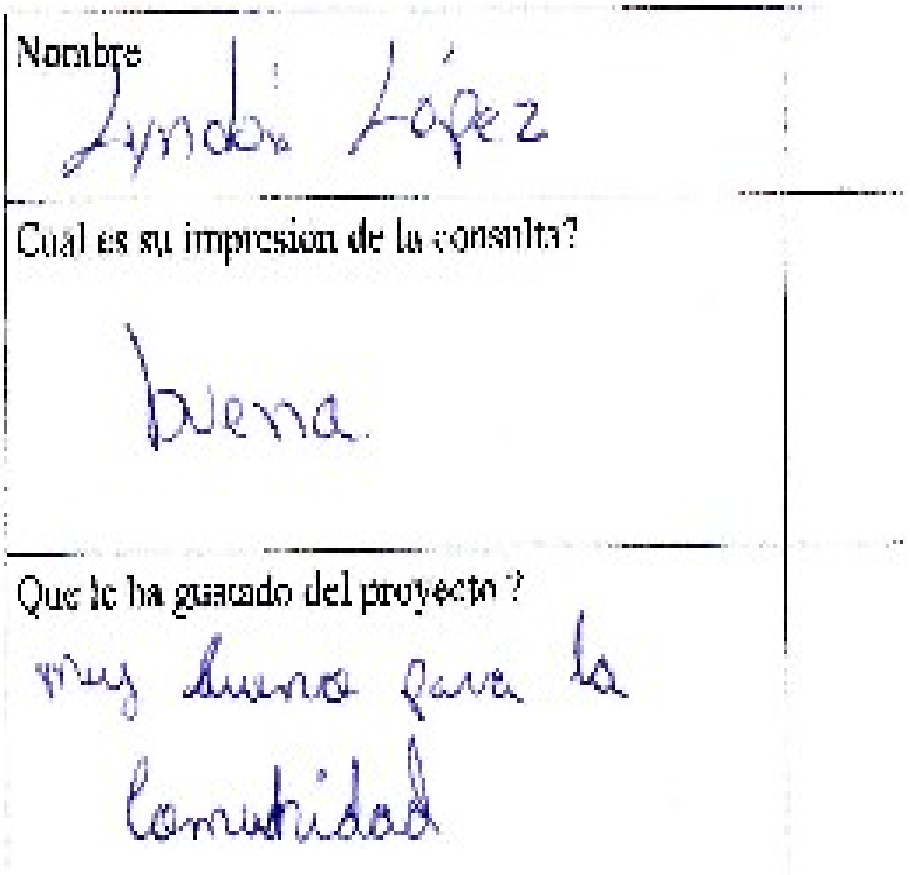
Cual es su impresión de la consulta? En Ben

Comunidad en la Provincia de Cach

Que le ha gustado del proyecto?

Mayor plaza de empleo

Desarrollo para la comun



Nombre: Lymaba López

Cual es su impresion de la consulta?

Buena.

Que le ha gustado del proyecto?

muy buena para la comunidad

Nombre Dionis Perez

Cual es su impresión de la consulta?

buena

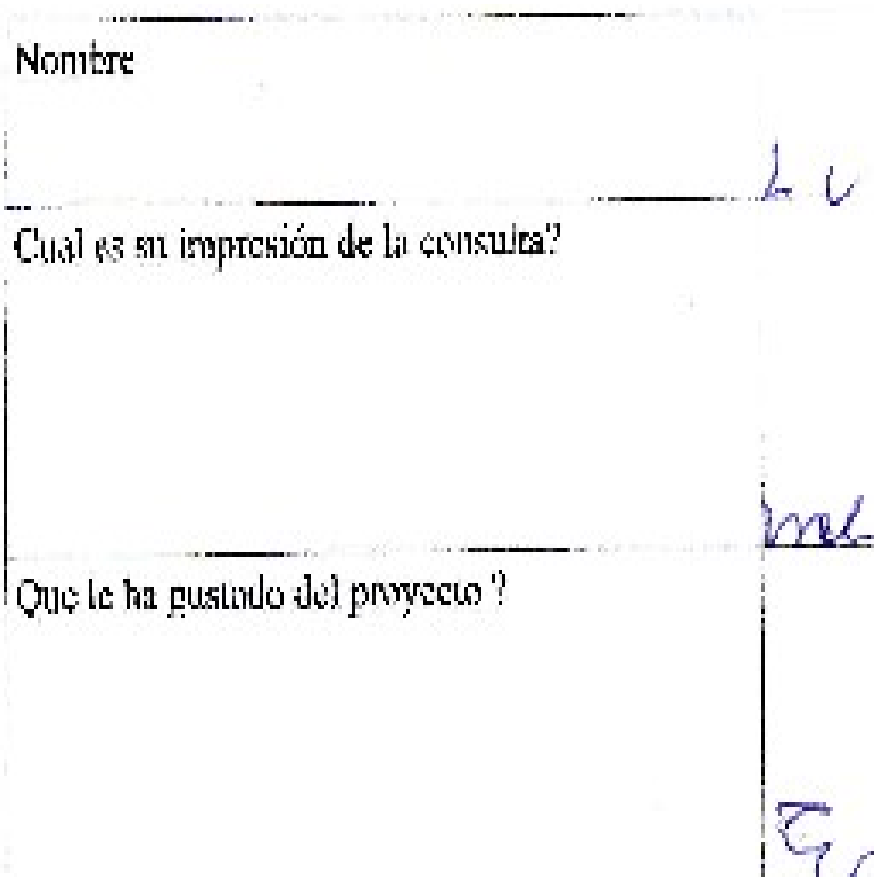
Que le ha gustado del proyecto ?

muy bueno para la [illegible]

Nombre Jose Reyes

Cual es su impresión de la consulta? My

Que le ha gustado del proyecto ? Si


Nombre
Cual es su impresión de la consulta?
Que le ha gustado del proyecto ?

Nombre

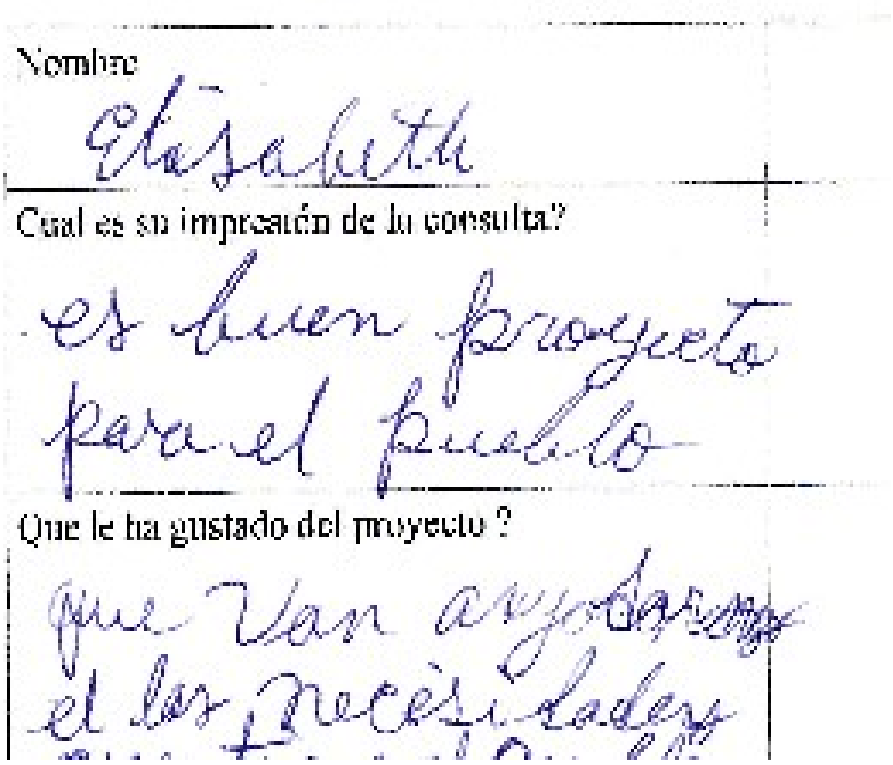
Cual es su impresión de la consulta?

Que le ha gustado del proyecto ?

Nombre

Cual es su impresión de la consulta?

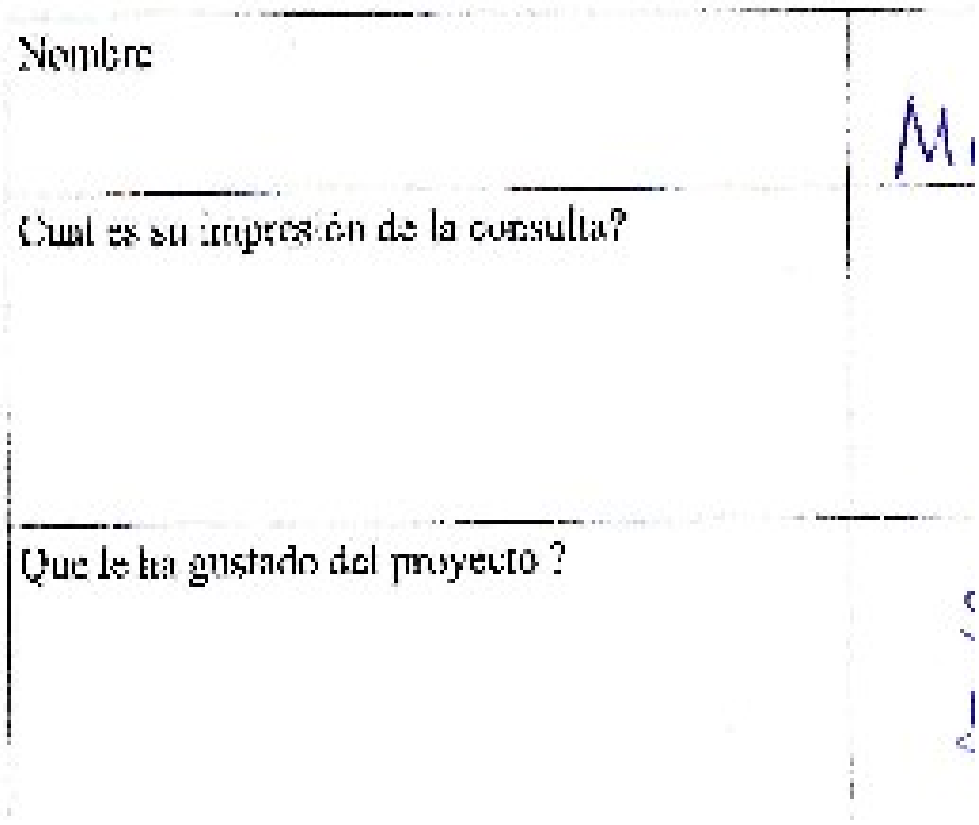
Que le ha gustado del proyecto ?



Nombre:
Elisabeth

Cual es su impresión de la consulta?
es buen proyecto
para el pueblo

Que le ha gustado del proyecto ?
que van ayudar
el las Necesidades


Nombre
Cual es su impresión de la consulta?
Que le ha gustado del proyecto ?