Gold Standard for the Global Goals

Stakeholder Consultation Report



Version 1 – July 2017

SECTION A. PROJECT DESCRIPTION

A. 1. Title of the project

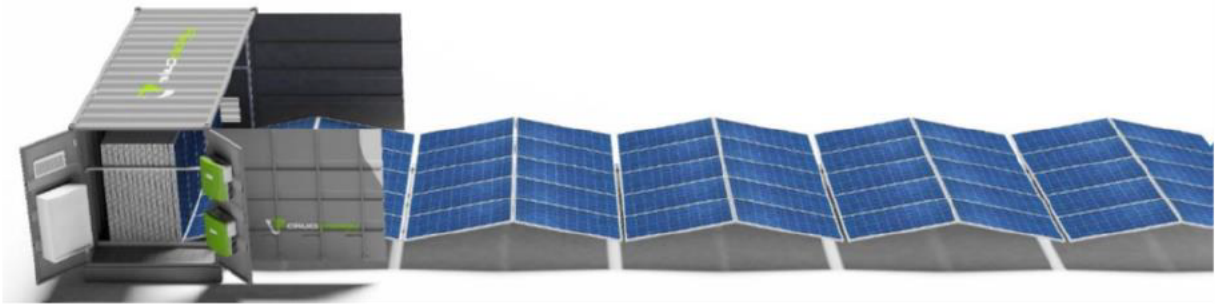
Title: Tolaria PV Farm
Date: 17.06.2019
Version no.: **01**

A. 2. Project description and current status

The main focus of the project is to ensure larger access to electricity to the Malagasy population through innovative renewable technologies, by the hybridization of the existing thermal plant (HFO and LFO). In order to do so, a 2.9MWp photovoltaic solar farm will be set up outside the city of Toliara, with the option to increase the installed capacity in the future. The project is expected to contribute to the security of electricity supply to Jirama by reducing the dependency on the fluctuating primary energy sources. Due to its design without storage capacity, the impact will only be available during daytime.

The photovoltaic technology is a reliable and sustainable energy source; it is also a clean source of energy and will contribute to reduce the JIRAMA fuel consumption. Educational programs with local schools and NGOs are to be implemented during the operation phase so as to raise awareness about clean energies and sustainable development.

The hybridization is based on the Solar GEM innovative solution, designed by Akuo Energy which allows a fast and mastered implementation of solar energy units in remote areas and in particular extreme weather conditions. For instance, should a cyclone be announced, its structure can be quickly deployed and folded back.



Solar GEM innovative solution

The Toliara PV Solar Farm will offer local employment during construction, up to 100 manoeuvres will be then hired, and for long term operations, the Malagasy maintenance team will be fully trained on these breaking edge technologies.

The project is currently in the developing phase. The start date of the construction phase is scheduled for August 2019. After a six months construction phase the commissioning is scheduled for January 2020.

SECTION B. DESIGN OF STAKEHOLDER CONSULTATION PROCESS

B. 1. Design of physical meeting(s)

i. Agenda

9:00	Arrival and signing of participant list
9:15	Opening of the meeting, Agenda and introduction of participants
09:30	Project Presentation and demonstration of technology
10:30	Time for questions
11:00	Joint Sustainability Exercise
12:00	- Lunch break –
13:00	Safeguarding Principles
13:30	Input & Grievance Mechanism
13:45	Final Questions and Comments, Filling of Evaluation Forms
14:30	Closure of the Meeting

ii.Key project information

The main focus of the project is to ensure larger access to electricity to the Malagasy population through innovative renewable technologies, by the hybridization of the existing thermal plant (HFO and LFO). In order to do so, a 2.9MWp photovoltaic solar farm will be set up outside the city of Toliara. The realization of the project will be supported by carbon funding for which a registration under the Gold Standard is in progress. Start of the project construction is planned for August 2019.



The photovoltaic technology is a reliable and sustainable energy source; it is also a clean source of energy and will contribute to reduce the JIRAMA fuel consumption. Educational programs with local schools and NGOs are to be implemented so as to raise awareness about clean energies and sustainable development.

The hybridization is based on the Solar GEM innovative solution, designed by Akuo Energy which allows a fast and mastered implementation of solar energy units in remote areas and in particular extreme weather conditions. For instance, should a cyclone be announced, its structure can be quickly deployed and folded back.



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iii. Invitation tracking table

Category code	Organisation (if relevant)	Name of invitee	Way of invitation	Date of invitation	Confirmation received? Y/N
A ii	« HORIZON MECANIQUE »	[redacted]	Letter delivered	23.04.2019	23.04.2019
A ii	« TRANOMBAROTRA YOUNOUS »	[redacted]	Letter delivered	23.04.2019	23.04.2019
A ii	« TSENABE ELECTRONIQUE »	[redacted]	Letter delivered	24.04.2019	24.04.2019
A ii	« QUINCAILLERIE DU MARCHE »	[redacted]	Letter delivered	25.04.2019	25.04.2019
A ii	« MADACONFORT »	[redacted]	Letter delivered	24.04.2019	24.04.2019

C	« Direction régional de l'ENERGIE »	[redacted]	Letter delivered	24.04.2019	N
C	DREDD	[redacted]	Letter delivered	24.04.2019	N
C	« Directrice Régionale de la Population »	[redacted]	Letter delivered	23.04.2019	23.04.2019
D	« WWF MDCO / Antenne Régionale de Tuléar »		Letter delivered	23.04.2019	N
D	WHH	[redacted]	Letter delivered	23.04.2019	N
D	ADES ; Association pour le développement de l'énergie solaire	[redacted]	Letter delivered	23.04.2019	N
D	ONG TANy Meva Antenne tulear	[redacted]	Letter delivered	23.04.2019	08.05.2019
D	ONG Bel avenir	[redacted]	Letter delivered		N
D	GIZ	[redacted]	Letter delivered	23.04.2019	23.04.2019
D	« ONG / Mandombiby »		Letter delivered	25.04.2019	N
C	ADER, Agence de Développement de l'Electrification Rurale		Letter delivered	25.04.2019	N
A i	Fokontany : Andranomena »	Président	Letter delivered	25.04.2019	25.04.2019
A i	Fokontany : Betsinjaky »	Président	Letter delivered	25.04.2019	25.04.2019
A ii	« COPEFRITO SA»		Letter delivered	23.04.2019	N

A ii	«Société INDOSUMA »	[redacted]	Letter delivered	24.04.2019	24.04.2019
C	DIRECTION REGIONALE DE TRAVAIL, DE L'EMPLOI	[redacted]	Letter delivered	23.04.2019	23.04.2019
C	«Office Régionale du Tourisme de Tuléar »		Letter delivered	23.04.2019	N
A ii	« Société SAMS Construction»	[redacted]	Letter delivered	25.04.2019	25.04.2019
A ii	« SERENA HOTEL »	[redacted]	Letter delivered	25.04.2019	25.04.2019
A ii	« GALANA »	[redacted]	Letter delivered	25.04.2019	N
B	« Député / Toliara I »	[redacted]	Letter delivered	25.04.2019	N
A ii	« Hotel MORINGA »	[redacted]	Letter delivered	23.04.2019	23.04.2019
A ii	« COMATO »	Directeur	Letter delivered	23.04.2019	N
A ii	SOCIETE HENRI FRAISE	[redacted]	Letter delivered	25.04.2019	25.04.2019
D	Arboretum D'antsokay	[redacted]	Letter delivered	29.04.2019	29.04.2019
D	« Alliance Française »	l'Administrateur	Letter delivered	25.04.2019	25.04.2019
A ii	« Chambre de commerce »	[redacted]	Letter delivered	29.04.2019	29.04.2019
A i	« Congrégation Indienne »	[redacted]	Letter delivered	24.04.2019	08.05.2019

A i	EKAR/ CARITAS	[redacted]	Letter delivered	24.04.2019	24.04.2019
C	« Directeur Inter-Régional Toliara » JIRAMA	[redacted]	Letter delivered	25.04.2019	25.04.2019
C	Chef de Production électricité « JIRAMA »	[redacted]	Letter delivered	24.04.2019	24.04.2019
C	« Responsable Exploitation électricité / JIRAMA »	[redacted]	Letter delivered	23.04.2019	23.04.2019
C		[redacted]	Letter delivered	23.04.2019	N
C		Chef du District	Letter delivered	23.04.2019	N
B	Mairie de Toliara I et II	Marie de Toliara II/ Mairie de Toliara I (Rafeamboahirana Y.)	Letter delivered	25.04.2019	25.04.2019
C	« GN »	[redacted]	Letter delivered	24.04.2019	24.04.2019
C	Police nationale	[redacted]	Letter delivered	24.04.2019	24.04.2019
A i	Fokontany Andriambe	[redacted]	Letter delivered	25.04.2019	25.04.2019
B	Betsinjaka	[redacted]	Letter	24.04.2019	N

		Commune	delivered		

Email invitations were sent out before the Stakeholder Consultation Meeting to those people using email as a main means of communication, others were invited through direct contact. Furthermore, the meeting was announced on local and nationwide. The invitations have been done in two languages French and Malagasy, if requested it was also send out in English.

iv. Text of individual invitations

Invitation to Stakeholder Consultation Meeting

Toliara Hybrid Photovoltaic Solar Farm

The project "Toliara Hybrid Photovoltaic Solar Farm" is an initiative launched by the French company *Akuo Energy Indian Ocean* and the German non - profit company *atmosfair gGmbH* to ensure the hybridization of the existing thermal installations (HFO and LFO) by the setting up of a 2.9 MWp photovoltaic solar (PV) farm.

The PV farm will allow to meet the needs of the Malagasy government energy policy aiming at providing sustainable access to electricity to 70% of the population by the year 2030 through renewable energy and new technologies.

The initiators would like to invite you to the Stakeholder Consultation Meeting in order to inform you about the project activity and the technology. The goal of this meeting is to discuss with local stakeholders all aspects of the project with clear focus on sustainability indicators and climate protection.

In order to receive feedback from you on these issues and to hear valuable suggestions and concerns, a Stakeholder Consultation Meeting is organized on

Monday, Mai 13th 2019, 9:00 am on the PV solar farm site (by the ENELEC thermal plant) in the Fokontany Betsinjaka Ambony, Commune Betsinjaka, Tulear II, Madagascar

Agenda of the Consultation:

- Opening of the meeting
- Introduction of the project
- Questions for clarification about the project
- Blind Sustainable Development exercise
- Discussion on monitoring Sustainable Development
- Closure of the meeting and filling of evaluation form

We would greatly appreciate your presence (or of your representative) and active participation, to make the meeting a successful one. Kindly accept our invitation to attend and guide us in the meeting.

Please fill in the **reply form** enclosed and send it to us via e-mail **latest by May the 7th,** to help us arrange logistics. Snacks and refreshment will be provided.

If you are unable to participate, please feel free to comment on the Key Project Information following overleaf. Contact details are provides below.

Contact

Ms Tahina Ramiandrisoa
Enelec
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Email :tahina.ramiandrisoa@enelec.mg

Ms Nele Erdmann
Atmosfair gGmbH
Phone No.: +49 (0) 30 120 84 80 63
Email: erdmann@atmosfair.de

v.Text of public invitations

ENELEC conducted the on the ground preparation of the LSC under the recommendations of atmosfair. There have been communication on local and nationwide media to advertise the LSC of the project. Below a picture of the paper announcement. It has been published twice in three different papers on the 3rd and 9th of May 2019.



B. 2. Description of other consultation methods used

Individuals/entities that were not able to attend the physical meeting were asked in the email invitations to comment on the provided Key Project Information that was sent out along with the invitation letter.

As part of the Local Stakeholder Feedback Round (performed from the 17th of July until the 9th of November 2019) the Stakeholder Consultation Report was uploaded to the atmosfair website, where it was publicly accessible. Attendees of the physical meeting as well as stakeholders who could not attend the meeting (e.g.GS NGO supporters) were informed via email. Local stakeholders without email access had access to a hard copy of the report and were asked for their comments. The following comments were received (Translation from French to English).

1. It would be better if the record of the project was in French. And thanks to say to the guard to be respectful. Thank you!
2. It's great that this project exist here in Toliara.
3. We young people like that this infrastructure is in Toliara, for example if we (young malagasy) are hired over there.
4. According to me, I'm glad to see the project information if the project brings advantages for the malagasy people and for the future generations and their survival.
5. Exactly same comments as 3.
6. To my mind, it is normal to create renewable energies, to protect the environment. Can we ask when does the recruitment begin?
7. I personally really like this because i would like to work on this project as I hope three opportunities:
    - First: I would like to know how to maintain this.
    - Secondly: I would like to work here
    - Finally: I will be happy to to benefit from the expected products.

SECTION C. CONSULTATION PROCESS

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

i. List of participants

40 stakeholders finally attended the event. They are categorised as follow:

- A.i – 11 people
- Aii. - 12 people
- B – 7 people
- C – 5 people
- D – 5 people

The attendance form signed by participants is annexed to this report.

ii. Evaluation forms

Name	[redacted]
What is your impression of the meeting	I am completely satisfied the facilities and Monday is the best time. The moderator masters well his role and the topic, participants and local communities were all happy which is a sign of the good organisation
What do you like about the project	I am really supportive to the project as it will alleviate our daily struggle with power shortage in Toliary and the neighbour communities
What do you not like about the project	The lack of storage system will hold the city in dark at evenings and nights so the developers should consider increasing the capacity and add storage
Signature	Yes

Name	[redacted]
What is your impression of the meeting	Generally excellent but the delay was too much
What do you like about the project	I am so thankful that the project pays important attention to the environment and local communities participation at the design stage
What do you not like about the project	No answer
Signature	Yes

Name	[redacted]
What is your impression of the meeting	The organisation and the conduct of the workshop was very good. Thank you to Enelec
What do you like about the project	I welcome the project as it will reduce the outages and the electricity tariff
What do you not like about the project	The project should have been designed to offset the overall fossil fuel usage so we rely only on clean and cheap electricity

Signature	Yes

Name	[redacted]
What is your impression of the meeting	The LSC conducted in Betsinjaka today was very important for our comprehension of the project
What do you like about the project	Having this project in our Rural Commune will bring jobs for our youth and local skills
What do you not like about the project	No answer
Signature	Yes

Name	[redacted]
What is your impression of the meeting	No answer
What do you like about the project	Very good project for Toliary where the electricity tariff is the highest nationwide which has never help to attract investors. I like the way the project is conscious about the environment which is very important with regard to the progressive change of climate
What do you not like about the project	The panellists did not ensure that tariff to the end users will be reduced but only tariff to Jirama There is enough space and radiation to secure 24/7 clean electricity but the project will provide only the quarter of the daily demand and there is no storage system.
Signature	Yes

Name	**Unknown**
What is your impression of the meeting	Very important meeting
What do you like about the project	The protection of the environment component of the project
What do you not like about the project	The project was not advertised enough through local media and today's meeting should be held regularly to help people understand
Signature	Yes

Name	**Unknown**
What is your impression of the meeting	Very important meeting but was not fairly advertised
What do you like about the project	The contribution of clean generation to get rid of outages Very promising project that make use of the abundant sunlight in Toliary The environment consciousness of the project
What do you not like about the project	Presentation and workshop very limited
Signature	Yes

Name	[redacted]
What is your impression of the meeting	The delay was so important There were no women in the panellists The meeting would have been better in a closed space as it would have helped participants to concentrate A visit to the delivered equipment would have helped participants understand the system
What do you like about the project	A good project
What do you not like about the project	No answer
Signature	Yes

Name	[redacted]
What is your impression of the meeting	The meeting was good despite the delay. The meeting is very important for local people to understand the project
What do you like about the project	The project will reduce Jirama's reliance on fossil and hence will improve households access to electricity The project will reduce the power outages The project improves the energy mix that Jirama can use as a response to demand
What do you not like about the project	No answer
Signature	Yes

Name	[redacted]
What is your impression of the meeting	No answer
What do you like about the project	The project is interesting because it improve the production capacity of Jirama and hence will reduce both the electricity tariff and outages
What do you not like about the project	No answer
Signature	Yes

Name	[redacted]
What is your impression of the meeting	The communication with local communities need to be improved Outdoor presentation makes the slide presentation difficult to see
What do you like about the project	Reduction of generation cost Fencing the asset protects the local communities from electricity hazards Positive impact of the project to the local communities jobs
What do you not like about the project	The equipment was not showed to the participants (no demonstration) Potential negative impact not covered Panellists did not explain to local communities how to behave with regards to the installation during the operation phase
Signature	Yes

Name	[redacted]
What is your impression of the meeting	Generally good but the delay should be avoided next time
What do you like about the project	Very thankful to the project particularly the environment consciousness I hope this will result in reduced electricity bills for households and will stop outages
What do you not like about the project	No answer
Signature	Yes

Name	[redacted]
What is your impression of the meeting	The meeting helped me to understand the complexity of project development
What do you like about the project	Its climate protection goals are very ambitious
What do you not like about the project	No answer
Signature	Yes

Name	**Unknown**
What is your impression of the meeting	In overall: very good organisation
What do you like about the project	Solar PV, sustainable energy and environment consciousness are all good. The environment effort needs to be extended to incentivize people adopt energy efficiency for cooking
What do you not like about the project	Why to wait for the Gold Standard certification while we all know this is clean power and environment responsible?
Signature	Yes

Name	[redacted]
What is your impression of the meeting	The detailed presentation of the project
What do you like about the project	The project will bring clean energy at an affordable cost The PPP approach to deliver technical sound project
What do you not like about the project	The lack of storage system in the project design The project size is too little compared to the demand The project need to be increased to satisfy peak demand
Signature	Yes

Name	[redacted]
What is your impression of the meeting	Very good initiative but should be opened to broader participants

	Need to be advertised broadly
What do you like about the project	The use of solar energy that is a guarantee of security and will definitely reduce outages
What do you not like about the project	The cost of the project was not covered
Signature	Yes

Name	[redacted]
What is your impression of the meeting	Very important meeting and the preparation was impressive The delay was significant but above of that I really enjoy the tribute to the local customs you paid
What do you like about the project	The project will create jobs to local communities The project contribute to protection of the environment
What do you not like about the project	No answer
Signature	Yes

C. 2. Pictures from physical meeting(s)



	
	The project developers with the women entrepreneurs attending the LSC
	
The General Secretary of the Rural Commune explaing to the project developers their expectation in term of job creation	

C. 3. Outcome of consultation process

i. Minutes of physical meeting(s)

Welcoming remarks and presentation of participants:

- Christian Andriamahasoro, Enelec Plant Manager Toliary, started the meeting. He introduced the panel and the participants. After him, the Mayor of Betsinjaka delivered to official opening of the meeting. Antonio Rakotoarimanana, CFO of Filatex Group, followed the Mayor by introducing the agenda and special notes about the event such as note down what is their expectation of the meeting and what is their general opinion about the meeting organisation

The project presentation

- Antonio Rakotoarimanana started the presentation by explaining the general approach of the project development, the financial mechanism and contribution of the Akuo Energy and atsmofair in the closing the project development. Xavier Ducret, Project Development Manager of Akuo Energy, who demystified the technical innovation embodied in the GEM technology to the audience followed him. Finally, Rija Rakotoson, atmosfair's consultant,

participated by introducing the Gold Standard, conducting the sustainable development goals exercise and developing the safeguards.

Questions

- **Q1:** What is the project timeline?

  A: This technology is particularly fast to deploy. We would need six months to finalise development and only one month for installation and commissioning. We are expecting first injection to the grid before the end of the 2019.

- **Q2:** How can you ensure that this project will bring meaningful impact with the local security of supply and what your plan to help Jirama to stop outages?

  A: This solar PV farm will produce electricity with very low operating cost. Sunlight is a sustainable source of energy and available twelve months a year in Toliary. In addition to that, the photovoltaic is very reliable that is not exposed to recurrent breakdowns. The only maintenance required is mainly cleaning. Therefore, Jirama will have a guaranteed capacity available all day.

- **Q3:** What do avoid you saying that the end user's tariff will decrease although you confirm that Jirama will purchase electricity from you at lower price?

  A: Because the tariff of electricity in your bill reflects other costs than the generation only. At our stage, Jirama will make saving on fuel but other costs such as grid maintenance or revenue collection may not allow them to decrease the tariff. We all know that Jirama is currently selling electricity cheaper than it really costs to produce.

- **Q4:** Why limiting the capacity to 2.9 MW while the land is enough and the peak demand is 7.5 MW

  A: Increasing the capacity to reach the real demand is technically feasible solutions from the generation perspective. However, the injection of that generated electricity in the grid is more complicated and requires battery as regulator. In addition to that, there is also the financial burden as this project is 100% financed by the developers without other subsidy than the carbon financing. Those constraints have led us to limit the capacity at 2.9 MW for now. Nevertheless, the increase of the capacity is clearly in our pipeline.

- **Q5:** Why do not you install battery storage?

  A: installation of the battery storage is the plan of Enelec. However, at this stage, we are still experimenting this new technology. There needs to be some processes and validation before engaging in implementing storage. We are very confident that those criteria will be met. Meanwhile, the saving on fuel that Jirama will make during the day will already help to ensure better maintenance of the infrastructure and afford additional costs towards an improvement of the services. This site will save 8,800 cubic meters or 8.8 million litres of fuel a year.

- **Q6:** Are you going to hire locally? How many do you project?

  A: Recruiting locally is fully integrated in the Corporate Policy of Enelec and the Groupe Filatex. The Company will advertise at the site and on local media the openings. Local skills will be prioritised during the selection process. The process will be gender neutral so everyone could have his or her chance to apply

- **Q7:** What is the contribution of the Government in this project?

A: Even though the private companies bring 100% of the capex in this project, the concession remains the property of the state. The government approves project and issue license to the developers. Private sector build the site and operate for 25 years. At the end of this period, the asset becomes state property

- **Q8:** Why do not you sell directly electricity to end users but need to sell to Jirama? Everyone knows that Jirama has multiple problems to solve so your innovation may not going to make any impact to households' lives.

  A: There is no laws that restricts the project developers to sell electricity outside Jirama. However, as for now, there are technical and financial limitation preventing that approach. Currently, Jirama owns the transport and distribution networks that are required to deliver electrons to customers. Therefore, Jirama remains the sole offtaker of this size of generated electricity in the Region.

Sustainable Development Goals

- Rija Rakotoson read the SDGs in French. He then explained the links between SDGs and renewable energy with focus on the key targets and recommendations. It was noticed that the audience was interested by other SDGs than the SDGs 7 and 13. The discussion around the impact of the project in job creation under SDG 1 was very animated. Then, the participants from entrepreneurship were very active during the explanation of SDG 9 and its potential impact in supporting the industrialisation which currently suffers from severe outages. That being said, the overall expectation of the participant is by far the end of outages.

Safeguarding principles

- Rija Rakotoson explained the safeguarding principles. No risks were identified for any of the safeguarding principles regarding the project implementation

Grievance mechanism

- Rija Rakotoson explained the grievance mechanism to the audience. The Slide was written in French but the explanation was delivered in Malagasy. He described the three categories (grievance book, phone and email/website) mechanisms that stakeholders can use as a contribution to the monitoring of the project. He explained where they can find the books and how to write on them. The people that responded to the email and phones details communicated as well were introduced.

Summary of the alterations based on comments

- The biggest concerns of participants were:
  - the limited capacity of the project
  - the lack of the storage system in the project design
  - the ability of the offtaker to reflect the advantages of this project in the end users quality of services

ii. Minutes of other consultations

There were no other consultations.

iii. Assessment of all comments

Stakeholder comment	Was comment taken into account (Yes/ No)?	Explanation (Why? How?)
The capacity of the project is limited.	No	Increasing the capacity to reach the real demand is technically feasible solutions from the generation perspective. However, the injection of that generated electricity in the grid is more complicated and requires battery as regulator. In addition to that, there is also the financial burden as this project is 100% financed by the developers without other subsidy than the carbon financing. Those constraints have led us to limit the capacity at 2.9 MW for now. Nevertheless, the increase of the capacity is clearly in our pipeline.
Lack of the storage system in the project design	No	The installation of a battery storage is the plan of Enelec. However, at this stage, we are still experimenting this new technology. There needs to be some processes and validation before engaging in implementing storage. We are very confident that those criteria will be met. Meanwhile, the saving on

		fuel that Jirama will make during the day will already help to ensure better maintenance of the infrastructure and afford additional costs towards an improvement of the services. This site will save 8,8oo cubic meters or 8.8 million litres of fuel a year.
The ability of the offtaker to reflect the advantages of this project in the end users quality of services	no	The tariff of electricity in the bill reflects other costs than the generation only. Jirama is currently selling electricity cheaper than it really costs to produce. Through the project Jirama will make saving on fuel which gives them a budget to improve the grid maintenance. To sell the electricity directly to the households is not possible as Jirama owns the transport and distribution networks that are required to deliver electrons to customers. Therefore, Jirama remains the sole offtaker of this size of generated electricity in the Region.
Local hire of employees	yes	Recruiting locally is fully integrated in the Corporate Policy of Enelec and the Groupe Filatex. The Company will advertise at the site and on local media the openings. Local skills will be prioritised during the selection process. The process will be gender neutral so everyone could have his or her chance to

		apply

iv. **Revisit sustainability assessment**

Are you going to revisit the SDG and safeguards assessment?	**Yes**	**No**
Please note that this is necessary when there are differences between your own assessment and feedback collected during stakeholder consultation.	☐	☒

Stakeholders did not think that any of the indicators will be negatively impacted by the project. No comments were given, that have an influence on the SDG and safeguards 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.

The biggest concern is that the solar electricity is not directly sold to the households so the benefit will not be reflected through reduced electricity prices. It has been explained that the households are having an indirect financial benefit, as the electricity prices will not increase through the improved grid maintenance works. For this maintenance works Jirama can use the savings on fuel costs.

SECTION D. SUSTAINABLE DEVELOPMENT ASSESSMENT

D. 1. Own sustainable development assessment

i. **Safeguard assessment**

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
1 - Human Rights	none	No	Since 20-09-1960, Madagascar is member of the United Nations and submits regularly reports on Human Rights. The project will be implemented under the laws of Madagascar and will not lead to violations of human rights in any kind. Participation in the project is voluntary and open for anyone regardless of gender, race, religion, sexual orientation or any other bias. Larger contractual works are based on tender processes.	N/A
2 - Gender Equality and Women's Rights	a) Is there a possibility that the Project might reduce or put at risk women's access to or control of resources, entitlements and benefits?	No	Women will equally be able to participate in the project as men, and they will equally be able to benefit from the energy supply. Jobs created through the project are open to everyone regardless of their gender identity.	N/A
2 - Gender Equality and Women's Rights	b) Is there a possibility that the Project can adversely affect	No	The project increases the electricity supply for men and women and don't discriminates any	N/A

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
	men and women in marginalised or vulnerable communities (e.g., potential increased burden on women or social isolation of men)?		user groups.	
2 - Gender Equality and Women's Rights	c) Is there a possibility that the Project might not take into account gender roles and the abilities of women or men to participate in the decisions/designs of the project's activities (such as lack of time, child care duties, low literacy or educational levels, or societal discrimination)?	No	The Project takes into account gender roles and the abilities of women or men to participate in the decisions/designs of the project's activities. During stakeholder consultations and in the project team, women are especially encouraged to give input for the project design and take part in the decision-making processes.	N/A
2 - Gender Equality and Women's Rights	d) Does the Project take into account gender roles and the abilities of women or men to benefit from	No	Both women and men in the project households are encouraged to make use of the provided energy. The project aims to improve the livelihood of the entire	N/A

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
	the Project's activities (e.g., Does the project criteria ensure that it includes minority groups or landless peoples)?		community. Discrimination against minority groups or landless people are not tolerated.	
2 - Gender Equality and Women's Rights	e) Does the Project design contribute to an increase in women's workload that adds to their care responsibilities or that prevents them from engaging in other activities?	No	The project does not put any additional workload on women or men. The necessary work for installation and operation of the plant will be done by employed technicians.	N/A
2 - Gender Equality and Women's Rights	f) Would the Project potentially reproduce or further deepen discrimination against women based on gender, for instance, regarding their full participation in design and implementation or access to opportunities	No	The project does not reproduce or deepen discrimination against women. Women are actively encouraged to participate in the project. The energy supply brings benefits like cooking and cooling during the day and enabling means of communication through mobile charging etc. These benefits are equally given for women	N/A

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
	and benefits?		and men. Discrimination of any kind, including gender-based discrimination is not tolerated. Furthermore, jobs created through the project are open for both women and men.	
2 - Gender Equality and Women's Rights	g) Would the Project potentially limit women's ability to use, develop and protect natural resources, taking into account different roles and priorities of women and men in accessing and managing environmental goods and services?	No	Since the project aims on the energy supply through a photovoltaic plant without battery storage, there is no use of natural resources involved apart from sunlight. Sunlight is considered as renewable resource which cannot be exhausted by usage. Access and managing of environmental good and services is not part of the project design and therefore women's and men's access to those are not altered by the project.	N/A
2 - Gender Equality and Women's Rights	h) Is there a likelihood that the proposed Project would expose women and girls to further risks or hazards?	No	No, the project doesn't expose woman and girls to further risks or hazards.	N/A

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
3 - Community Health, Safety and Working Conditions	None	No	Madagascar is part of the ILO since 1960 and defines basic criteria on health and safety at work.[1] The project will follow these rules for the work in order to make sure that no community exposure to increased health risks will take place and the health of workers and the community is not adversely affected.	N/A
4 - Cultural Heritage, Indigenous Peoples, Displacement and Resettlement Sites of Cultural and Historical Heritage	a) Does the Project Area include sites, structures, or objects with historical, cultural, artistic, traditional or religious values or intangible forms of culture (e.g., knowledge, innovations, or practices)?	No	The Project area does not includes any sites, structures, nor object with historical, artistic, traditional or religious values or intangible forms of culture. Madagascar has ratified the 2003 Convention for the Safeguarding of the Intangible Cultural Heritage UNESCO on 31/03/2006[2]. No cultural heritage will be altered by the project. Knowledge, innovations and practices of local	N/A

[1] http://www.ilo.org/dyn/natlex/natlex4.detail?p_lang=en&p_isn=96652
[2] http://www.unesco.org/eri/la/convention.asp?KO=17116&language=E

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
			communities will not be exploited or commercialised in any way.	
4 - Cultural Heritage, Indigenous Peoples, Displacement and Resettlement Forced Eviction and Displacement	b) Does the Project require or cause the physical or economic relocation of peoples (temporary or permanent, full or partial)?	No	The project does not require or cause the physical or economic relocation of people.	N/A
4 - Cultural Heritage, Indigenous Peoples, Displacement and Resettlement Land Tenure and Other rights	c) Does the Project require any change to land tenure arrangements and/or other rights?	No	The project does not require any change to land tenure arrangements or affect existing property rights over natural resources including customary rights. The state remains the land owner.	N/A
4 - Cultural Heritage, Indigenous Peoples, Displacement and Resettlement Land tenure and Other rights	d) For Projects involving land-use tenure, are there any uncertainties with regards land tenure, access rights, usage rights or land ownership?	No	There are no uncertainties regarding the land tenure rights. The land belongs to the State and the land use is defined in the concession contract.	N/A
4 - Cultural Heritage, Indigenous Peoples,	e) Are indigenous peoples present	No	Indigenous people will not be affected directly	N/A

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
Displacement and Resettlement Indigenous People	in or within the area of influence of the Project and/or is the Project located on land/territory claimed by indigenous peoples?		or indirectly in a negative way by the project.	
5- Corruption	None	No	Madagascar accepted the United Nations Convention Against Corruption on 22.09.2004[3]. The project and its participants are not and will not be involved, complicit or contribute towards corruption.	N/A
6 - Economic Impacts Labour Rights	None	No	Madagascar is member state of the International Labour Organization (ILO).[4] The project does not involve and is not complicit in any form of forced, compulsory or child labour. There won't be any form of labour discrimination. Labour conditions for workers	N/A

[3] http://www.unodc.org/unodc/en/corruption/ratification-status.html
[4] http://www.ilo.org/public/english/standards/relm/country.htm

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
			will be safe. All employment will be in compliance with the national labour and occupational health and safety laws and in consistency with the principles and standards embodied in the ILO conventions. The country ratified among others the following conventions: ILO N°29 (Forced Labour Convention)[5] ILO N°98 (Right to organise and collective bargaining convention)[6] ILO N°100 (Equal Remuneration)[7] ILO N°105 (Abolition of Forced Labour Convention)[8]	

[5] http://www.ilo.org/dyn/normlex/en/f?p=1000:11300:0::NO:11300:P11300_INSTRUMENT_ID:312174

[6] http://www.ilo.org/dyn/normlex/en/f?p=1000:11300:0::NO:11300:P11300_INSTRUMENT_ID:312243

[7] http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:11300:0::NO:11300:P11300_INSTRUMENT_ID:312245:NO

[8] http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:11300:0::NO:11300:P11300_INSTRUMENT_ID:312250:NO

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
			ILO N°111 (Discrimination (Employment and Occupation) Convention)[9] ILO N°138 (Minimum Age Convention)[10] ILO N°182(Worst Form of Child Labour Convention)[11]The project is not complicit in any form of discrimination based on gender, race, religion, sexual orientation or any other bias.	
6 - Economic Impacts Negative economic consequences	None	No	The project generates local income through installation and operation of the energy plant. Local staff will be trained in the frame of the project as technicians in order to conduct installation and repair work. Benefits will	N/A

[9] http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:11300:0::NO:11300:P11300_INSTRUMENT_ID:312256:NO

[10] http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:11300:0::NO:11300:P11300_INSTRUMENT_ID:312283:NO

[11] http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:11300:0::NO:11300:P11300_INSTRUMENT_ID:312327:NO

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
			be socially-inclusive and sustainable.	
Environmental & Ecological Safeguarding Principles				
1 - Climate and Energy Emissions	a) Will the Project increase greenhouse gas emissions over the Baseline Scenario?	No	The project's main purpose is to reduce the greenhouse gas emissions from the LFO and HFO plant that would have been extended in the baseline scenario.	N/A
1 - Climate and Energy Energy Supply	b) Will the Project use energy from a local grid or power supply (i.e., not connected to a national or regional grid) or fuel resource (such as wood, biomass) that provides for other local users?	No	The project will solely use solar power as source for the energy generation. The energy will be feed in to the local grid and provides the community. The project does not use energy supply that is also being used by other users. No fuel resources will be used in the frame of the project.	N/A
2 - Water Impact on Natural Water Pattern/Flows	a) Will the Project affect the natural or pre-existing pattern of watercourses, ground-water and/or the watershed(s) such as high seasonal flow	No	The project will not affect any watercourses, ground-water or the watersheds. No water will be used in the project scenario since the project's focus is on the installation of a photovoltaic systems for electricity generation.	N/A

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
	variability, flooding potential, lack of aquatic connectivity or water scarcity?			
2 - Water Erosion and/or Water Body Instability	b) Could the Project directly or indirectly cause additional erosion and/or water body instability or disrupt the natural pattern of erosion?	No	The Project will neither directly nor indirectly cause erosion or water body instability nor disrupt the natural pattern of erosion since the project's focus is on the installation of a photovoltaic systems for electricity generation.	N/A
2 - Water Erosion and/or Water Body Instability	c) Is the Project's area of influence susceptible to excessive erosion and/or water body instability?	No	The project does not have any influence on erosion or water body instability since the project's focus is on the installation of a photovoltaic systems for electricity generation.	N/A
3 - Environment, ecology and land use Landscape, Modification and Soil	a) Does the Project involve the use of land and soil for production of crops or other products?	No	The project does not involve the use of land or soil since the project's focus is on the installation of a photovoltaic systems for electricity generation.	N/A
3 - Environment, ecology and land use Vulnerability to Natural	b) Will the Project be susceptible to or lead to increased	No	The project does not have any influence on prevailing land or water use patterns. The	N/A

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
Disaster	vulnerability to wind, earthquakes, subsidence, landslides, erosion, flooding, drought or other extreme climatic conditions?		project's focus is on the installation of a photovoltaic systems for electricity generation from which no negative influence on increased natural disasters and hazards like wind, earthquakes, subsidence, landslides, erosion, flooding, drought or other extreme climatic conditions can be expected nor does the project increase the vulnerability of the local communities to such natural disasters and hazards.	
3 - Environment, ecology and land use Genetic Resources	c) Could the Project be negatively impacted by the use of genetically modified organisms or GMOs (e.g., contamination, collection and/or harvesting, commercial development)?	No	No GMOs nor any other plant or animal organisms are part of the project setting. The project's focus is on the installation of a photovoltaic systems for electricity generation.	N/A
3 - Environment, ecology and land use	d) Could the Project	No	The project aims on reducing GHG emissions	N/A

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
Release of pollutants	potentially result in the release of pollutants to the environment?		from HFO and LFO which are present in the baseline scenarios. No pollutants are released in the project scenario which could affect the air or water quality in the project area.	
3 - Environment, ecology and land use Hazardous and non-hazardous waste	e) Will the Project involve the manufacture, trade, release, and/ or use of hazardous and non-hazardous chemicals and/or materials?	No	No storage system e.g batteries will be installed in the project, as well as no other hazardous or non-hazardous chemicals and/or materials.	N/A
3 - Environment, ecology and land use Pesticide and Fertiliser	f) Will the Project involve the application of pesticides and/or fertilisers?	No	The project does not involve the application of pesticides and fertilisers since the project's focus is on the installation of a photovoltaic systems.	N/A
3 - Environment, ecology and land use Harvesting of forests	g) Will the Project involve the harvesting of forests?	No	The project does not involve the harvesting of forests since the project's focus is on the installation of a photovoltaic systems.	N/A
3 - Environment, ecology and land use Food	h) Does the Project modify the quantity or nutritional quality of food	No	The project is not related to food production, food supply or nutrition in any way and thus doesn't have	N/A

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
	available such as through crop regime alteration or export or economic incentives?		any influence on the mentioned factors. The project's focus is on the installation of a photovoltaic systems for electricity generation.	
3 - Environment, ecology and land use Animal husbandry	i) Will the Project involve animal husbandry?	No	The project will not involve animal husbandry nor any other form of agricultural activity.	N/A
3 - Environment, ecology and land use High Conservation Value Areas and Critical Habitats	j) Does the Project physically affect or alter largely intact or High Conservation Value (HCV) ecosystems, critical habitats, landscapes, key biodiversity areas or sites identified?	No	The Project will not physically affect or alter largely intact or HCV ecosystems, critical habitats, landscapes, key biodiversity areas or sites identified. The project focusses on the installation of a photovoltaic systems for electricity generation and will not affect any ecosystems.	N/A
3 - Environment, ecology and land use	k) Are there any endangered species identified as potentially being present within the Project boundary (including those that may route through the area)?	No	Since the project technologies is a photovoltaic system , no negative effects on endangered species or any other species potentially being present in the project area can are expected. The energy plant will be installed on a mounting	N/A

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
			system that leaves space below, so the natural habitat of animals will not be decreased nor will the systems put animal species at risk for any other reason. The project does not influence local water resources or ecosystems, thus feed supply or grazing land for animals will not be affected by the project.	
3 - Environment, ecology and land use	l) Does the Project potentially impact other areas where endangered species may be present through transboundary affects?	No	No transboundary effects from the project can be expected since the focus is on the installation of a photovoltaic systems for electricity generation and does not influence any resources like water which could have transboundary effects.	N/A

ii. Sustainable Development Goals (SDG) outcome

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SDG	Positive/Negative/Neutral	Justification
1 - No poverty	Neutral	People don't have to pay more or less for the supplied energy, as they are paying right now.
2 - Zero hunger	Neutral	Project has no direct impact on this SDG
3 - Good health and well being	Neutral	The project secures the electricity supply

		and covers shortages and have such an impact on the wellbeing. However, in the frame of the project, it is not possible to measure the positive effects. They might not be significant.
4 - Quality education	Neutral	Project has no direct impact on this SDG
5 - Gender	Neutral	Project has no direct impact on this SDG
6 - Clean water and sanitation	Neutral	Project has no direct impact on this SDG
7 - Affordable and clean energy	Positive	Through the project, the amount of people with access to affordable, reliable and modern energy services increase by introducing clean solar powered technology. *(Contribution to Target 7.1 "By 2030, ensure universal access to affordable, reliable and modern energy services")*
8 - Decent work and economic growth	Positive	In the frame of the project, local people find employment in activities related to installation and maintenance. Payments will be equal to or higher than the average local/sectoral wage. Men and women will be paid equally for the same activity. No discrimination based on gender, age, religion, sexual orientation or any other bias will be tolerated. *(Contribution to Target 8.5 "By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value")*
9 - Industry, innovation and infrastructure	Neutral	Project has no direct impact on this SDG
10 - Reduced inequalities	Neutral	SDG 10 focusses more on the national political level. The project doesn't act on this level.
11 - Sustainable cities and communities	Neutral	SDG11 focusses on municipal policy making and urban/municipal planning. The project does not have a direct impact on these targets.
12 - Responsible consumption and production	Neutral	Consumption of renewable energy has a positive effect. However, the products themselves are not completely

		recyclable, therefore rated neutral.
13 - Climate action	Positive	Reduction of GHG emissions from HFO and LFO plant and replacing those with climate-friendly solar technology, as JIRAMA is using the solar electricity instead of increasing the capacity of the HFO and LFO plant to enable an uninterrupted power supply of the community.
14 - Life below water	Neutral	Project has no direct impact on this SDG
15 - Life on land	Neutral	Project has no direct impact on this SDG
16 - Peace justice and strong institutions	Neutral	Project has no direct impact on this SDG
17 - Partnership for the goals	Neutral	The Project promotes the transfer of environmentally sound technologies. However, the framework conditions within the host country do seem to allow that the technologies will be produced within the country in the near future. Therefore rated neutral.

D. 2. Stakeholders' Blind sustainable development assessment

i. Safeguard assessment

No safeguarding risk was identified by the stakeholders during the LSC.

Safeguarding principles	**Assessment questions**	**Assessment of relevance to the project (Yes / potentially / no)**	**Justification**	**Mitigation measure (if required)**
2 - Gender Equality and Women's Rights	a) Is there a possibility that the Project might reduce or put at risk women's access to or control of resources, entitlements and benefits?	No	Jobs created through the project are open to everyone regardless of their gender identity.	N/A

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
2 - Gender Equality and Women's Rights	b) Is there a possibility that the Project can adversely affect men and women in marginalised or vulnerable communities (e.g., potential increased burden on women or social isolation of men)?	No	The project increases the electricity supply for men and women and don't discriminates any user groups.	N/A
2 - Gender Equality and Women's Rights	c) Is there a possibility that the Project might not take into account gender roles and the abilities of women or men to participate in the decisions/designs of the project's activities (such as lack of time, child care duties, low literacy or educational levels, or societal discrimination)?	No	During stakeholder consultations women are especially encouraged to give input for the project design and take part in the decision-making processes.	N/A
2 - Gender Equality and Women's Rights	d) Does the Project take into account gender roles and the abilities of women or men to benefit	No	Both women and men will benefit from the provided energy.	N/A

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
	from the Project's activities (e.g., Does the project criteria ensure that it includes minority groups or landless peoples)?			
5- Corruption	None	No	The project is not and will not be involved towards corruption.	N/A
6 - Economic Impacts Labour Rights	None	No	Labour rights will be followed.	N/A
Environmental & Ecological Safeguarding Principles				
1 - Climate and Energy Emissions	a) Will the Project increase greenhouse gas emissions over the Baseline Scenario?	No	The project's main purpose is to reduce the greenhouse gas emissions from the LFO and HFO plant that would have been extended in the baseline scenario.	N/A
1 - Climate and Energy Energy Supply	b) Will the Project use energy from a local grid or power supply (i.e., not connected to a national or regional grid) or fuel resource (such as wood, biomass) that provides for other local users?	No	The project will solely use solar power as source for the energy generation. The energy will be feed in to the local grid and provides the community. The project does not use energy supply that is also being used by other users. No fuel resources will be used in the frame of the project.	N/A

ii. Sustainable Development Goals (SDG) outcome

SDG	Positive/ Negative Neutral	Justification
1 - No poverty	Positive	The installation of the new generation plant will create additional tax income to the Rural Commune of Betsinjaka
2 - Zero hunger	Positive	Stakeholders rated as positive to food supply chain the impact of electricity security in increasing conserving food (fish and vegetables mainly)
3 - Good health and well being	Positive	The project will contribute to improve the capacity of health centres to refrigerate medicines and vaccines and reduce reliance on fossil fuels
4 - Quality education	Positive	The project will train and educate workers to be familiar with renewable technology
5 - Gender	Neutral	The project will not have a sensible impact on gender equality
6 - Clean water and sanitation	Positive	The security of electricity supply will allow Jirama to better perform the holistic management of water distribution and reduce the water interruptions
7 - Affordable and clean energy	Positive	• The project will generate clean power at reduced cost • The project will reduce reliance on fossil fuels and diversify energy sources • The project integrates renewable generation into Jirama's Grid in Toliary
8 - Decent work and economic growth	Positive	The project will hire from Commune of Betsinjaka
9 - Industry, innovation and infrastructure	Positive	The project will substantially improve the income of small factories and family business owners by making electricity reliable and affordable during the daytime
10 - Reduced inequalities	Neutral	The project will not have direct impact on this SDG
11 - Sustainable cities and communities	Neutral	The project will not have direct impact on this SDG
12 - Responsible consumption and production	Positive	The project will source concrete materials from local providers and will ensure to avoid area with traditional value
13 - Climate action	Positive	The project reduces GHG emissions during the operating life.
14 - Life below water	Neutral	The project will not have direct impact on this SDG
15 - Life on land	Neutral	The project will not have direct impact on this SDG.
16 - Peace justice and strong institutions	Positive	The local hire and connection between the operator and local authorities will facilitate good communities relationships among neighbours
17 - Partnership for the goals	Positive	The project delivery leverages different stakeholders including government, Jirama, NGOs, private investors and local leaders

Comparing the own sustainable development assessment (D.1.) with the one resulting from the blind exercise conducted with stakeholders (D.2.), it can be seen that all SDGs considered positive in D.1. were also assessed positive in D.2. During the stakeholder meeting, more SDGs were ranked positive than in the own assessment, where some of those were ranked neutral. While the positive aspects of the project regarding these SDGs were also recognized during the own assessment, the final neutral rating was given because the significance of the positive effect cannot be assessed and proved within the frame of the project (e.g. SDG 1,SDG 2, SDG 3, SDG 4, SDG 6, SDG 9, SG 12, SDG 16). More detailed justifications can be found in table under D.1.ii.

SECTION E. SUSTAINABILITY MONITORING PLAN

E. 1. Discussion on Sustainability monitoring Plan

SDG	Monitoring ideas from stakeholders
1 - No poverty	Asking the Mayor about the amount and periodicity of the tax payment
2 - Zero hunger	Asking the fish-shops and vegetables sellers
3 - Good health and well being	Asking the health centres if their grid services have been improved and if that have helped them increase quality of services
4 - Quality education	Interview the workers on their knowledge of renewable energy
5 - Gender	N/A
6 - Clean water and sanitation	Reach out to households having water connection and ask about the quality of the services they receive
7 - Affordable and clean energy	Track with Jirama about the amount of electricity received from the project and the avoided consumption of fossil fuels.
8 - Decent work and economic growth	Verify the number of the hired resources with the project HR
9 - Industry, innovation and infrastructure	Reach out to the various regional chambers of commerce and industries in Toliary to ask about the increase of their activity
10 - Reduced inequalities	N/A
11 - Sustainable cities and communities	N/A
12 - Responsible consumption and production	Reach out to local communities and ask about any breach on the sourcing concrete materials

13 - Climate action	Evaluate the amount of avoided GHG emissions
14 - Life below water	N/A
15 - Life on land	N/A
16 - Peace justice and strong institutions	Reach out to local traditional leaders
17 - Partnership for the goals	Follow up on their commitment to the project

E. 2. Discussion on continuous input / grievance mechanism

	Method Chosen (include all known details e.g. location of book, phone, number, identity of mediator)	**Justification**
Continous Input and Grievance Expression Process Book	Location: Enelec, Andranomena, Toaliary II • Grievance and warranty report forms • Grievance register book	The grievance expression process book will be made available in Enelec, Andranomena, Toaliary II. The templates for the comments will be available in French and in Malagasy. Entries will be checked by Tahina Ramiandrisoa.
Telephone access	• Enelec: +261 32 05 069 09 • The Gold Standard Foundation +41 (0) 22 788 7080	Stakeholders can reach project staff members who speak French and in Malagasy via the given phone number. All comments received via phone calls will be registered and archived by the project coordinator in the same way as in the grievance expression process book.
Internet / email access	• Contact1 : Tahina Ramiandrisoa tahina.ramiandrisoa@gourpe-filatex.com • Contact2 : Ms. Nele Erdmann erdmann@atmosfair.de • Gold Standard: info@goldstandard.org	Stakeholders who have an own E-Mail account can directly write their comments to Enelec at the first email address, Or can get in touch with atmosfair and the responsible person for the project, Or with the Gold Standard office in Geneva.
Other		

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

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The Stakeholder Consultation Report will be uploaded to the atmosfair website, where it will be publicly accessible. Attendees of the physical meeting as well as stakeholders who could not attend the meeting (e.g.GS NGO supporters) will be informed via email. Local stakeholder without email access will have access to a hard copy of the report and will be asked for their comments.

ANNEX 1.	ORIGINAL PARTICIPANTS LIST

>>

Participants list - LOCAL STAKEHOLDERS CONSULTATION - TOLIARY HYBRID PV SOLAR FARM

Date and time: Monday 13 May 2019 - 9:00am to 15:00

Location: BETSINJAKA, TOLIARY II - MADAGASCAR

Name of participant, job/ position in the community	Male/ Female	Signature	Organisation (if relevant)	Contact details
[redacted]	M	[redacted]	ATMOSFAIR	[redacted]
	M		AKUO	
	M		ENELEC	
	M		WWF	
	F		GASS' KELY SG. GEM	
	F		GASS' KALY geronte.	
	M		DIRECTION POPULATION Toliara	
	F		College JOLIS MOI-NEAUX - Betania	
	F		EFOI - Secteur pêche	
	F		SINCRO (Exploitat° Informa EFOJ	
	F		EFOI - Secteur pêche	

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Participants list

Date and time:				
Location:				
Name of participant, job/ position in the community	**Male/ Female**	**Signature**	**Organisation (if relevant)**	**Contact details**
[redacted]	M	[redacted]	JIRAMA	[redacted]
	M		Henri Fraise	
	M		JIRAMA	
	M		PAGE/GIZ.	
	F		DDR / REGION	
	M		ABSIDHOUSSEN	
	M		ONG WHH	
	M		DR. Energie et Hydrocarbure.	
	M		Chef service de l'Energie A.A.	
	M		Délégué Régional OMH Région Atsimo Andrefana	
	M		Fondation TAMY DEVA	

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Participants list

Date and time:				
Location:				
Name of participant, job/ position in the community	Male/ Female	Signature	Organisation (if relevant)	Contact details
[redacted]	F	[redacted]	[redacted]	[redacted]
	F			
	M		ENELEC	
	M		JIRAMA	
	M		Chef Fokontany Betsinjaka	
	M		Maire Betsinjaka	
	F		DREEH A.A	
	M		consultant	
	M		S.G. CIR de BETSINJAKA	
	M		Fokontany Madagascar Rara	
	M		TVM	

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Participants list

Date and time:				
Location:				
Name of participant, job/ position in the community	Male/ Female	Signature	Organisation (if relevant)	Contact details
[redacted]	F	[redacted]	RNM/TVM Toliara	[redacted]
	F		Radio Université Toliara	
	M		Agent JIRAMA/TV	
	M		Agent JIRAMA/TV	
	M		Agent JIRAMA/TV	
	M		Agent JIRAMA	
	M		Agent JIRAMA.	
	F		Ménagère.	
	[illegible]		BLOTSOTSY	
	M		Contrôleur commune	
	M		JEUNE DIPLOMÉ	

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ANNEX 2. ORIGINAL EVALUATION FORMS

>>

Evaluation form / Formulaire d'évaluation

Name Nom	[redacted]
What is your impression of the meeting? Quelle est votre impression sur la réunion?	- Afaka tanterahan'ny amin'ny fanjakana na ny fokonolona aza. - Mahafahantsika ny fandraisana ny fanentanana rehetra. - Mirambirana tanteraka na ngvatsika na ny Vahoaka rehetra
What do you like about the project? Qu'est-ce que vous aimez dans le projet?	- Tiako ny tanteraka ny projet vo satria hanamaivana ny fahasalamanan'ny vahoaka. Any ho avy ny ho tampitra tanterahan'ny Delestage ato Toliara sy ny manodidina.
What do you not like about the project? Qu'est-ce que vous n'aimez pas dans le projet?	- Ny tsy ahazoantsika ny lera dia ny ny ho tsy fenofa tsy ampy Batterie. Ka raha fa Kalina ny an'ny dia ho tampaka ny.
Signature	[redacted]