Gold Standard for the Global Goals

Stakeholder Consultation Report



Version 1 – July 2017

SECTION A. PROJECT DESCRIPTION

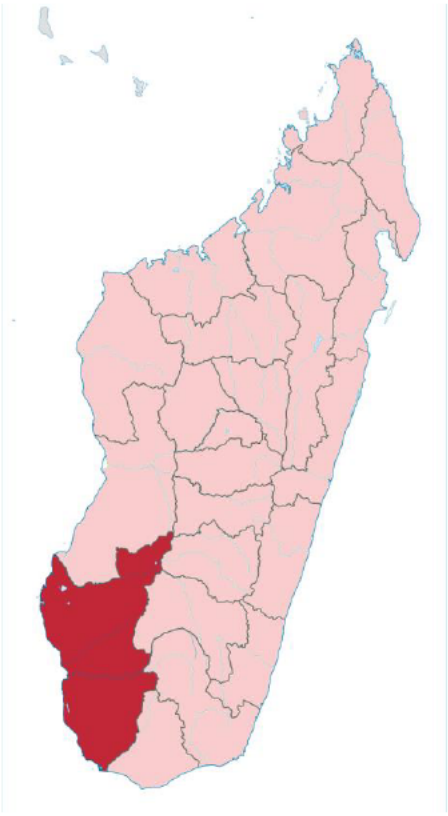
A. 1. Title of the project

Title: Rural electrification program Madagascar
Date: 23.01.2020
Version no.: **01**

A. 2. Project description and current status

The photovoltaic project "Rural electrification program Madagascar" is an initiative by the German non-profit company atmosfair gGmbH in cooperation with different project developers, with the aim to electrify rural areas in Madagascar by introducing photovoltaic energy. The project will be registered under the Gold Standard (GS) and is a contribution towards sustainable development.

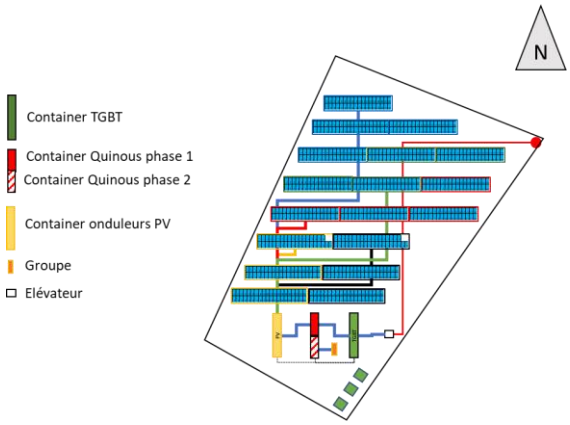
The first projects will be implemented together with the project developers Anka Madagascar and Autarsys Madagascar. The projects constitutes under the Call for Projects 2 (AP2) launched by the Government of Madagascar for the South West Region of the country. The projects contribute to the overall national goals stated in the New Energy Policy (NEP) passed in 2015. The NEP targets an increase of electricity access from 15% to 70% by 2030. The projects of Anka Madagascar are in the region Anakao and Mangily, and the one of Autarsys Madagascar in the region of Befandriana Sud, Tanandava and Ejeda. Currently all the five projects are in development phase. The construction phase will be launched at different dates during the Q1 of the 2020.



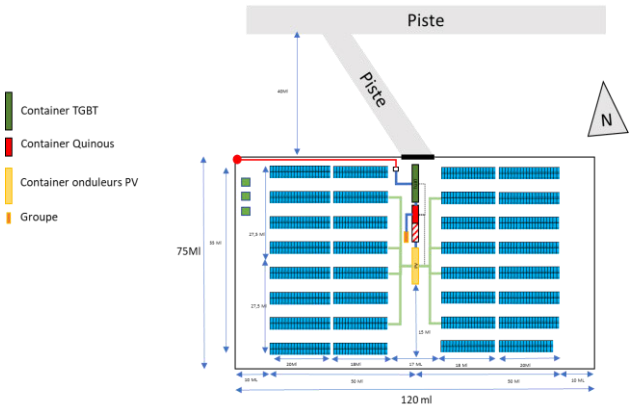
Location of the the South West Region of Madagascar

The five projects will deliver reliable and affordable electricity services to 15 villages within the South West Region of the Country from five mini-grid networks. The mini-grids will generate from renewable resources with lithium-ion storage system to ensure continuous availability of the services. During their lifetime, all concessions will supply the villages with 24h/7 availability.

- **Anka's** projects in Anakao and Mangily will deliver electricity services 24h/7 during the 20 years with respectively 220 KWp and 400 KWp generating capacity. The systems will electrify 7 villages. The civil work will kick off on March 2020 to target customers' connections activity taking place between June and July 2020. The customers will have choice between prepayment and postpayment system. In addition to that, Anka will charge three different tariffs respectively for the daytime, evening and night with the day service being the cheapest as it will not require battery storage.



Site layout in Anka's site in Anakao



Site layout for Anka's site in Mangily

- **Autarsys's** projects in Befandriana Sud, Ejeda and Tanandava will deliver electricity services 24h/7 during the 20 years with respectively 41 KWp, 71 KWp and 60 KWp generating capacity. The systems will electrify 8 villages. The civil work will kick off on January 2020 in Befandriana Sud and Ejeda to target customers' connections activity taking place between July and August 2020. The customers will have choice between prepayment and postpayment system. Conversely, to Anka, Autarsys will implement two different types of tariffs for households and productive consumption. Productive users will be charge less to incentivise customers to develop activity around electricity.

Both developer will prioritise local people when hiring for construction and operation phases of the project. They will recruit workers during the civil work phase and train local skills for the maintenance of these new technologies.

SECTION B. DESIGN OF STAKEHOLDER CONSULTATION PROCESS

B. 1. Design of physical meeting(s)

This local stakeholders consultation was conducted in five different venues at five different days. The LSCs were designed as follow:

- On 13 December 2019: a LSCs for the officials and NGOs having activities in the Region was conducted in the Region Capital city Toliary. During that LSC atmosfair introduced the whole project "rural electrification programm Madagascar" and the two first developers Anka and autarsys introduced their activities.
- On 14 December 2019: a LSCs in Anakao and on the 15 December a LSC in Mangily was conducted by Anka and atmosfair to present the project developments of Anka to the local stakeholders.
- On 16 December 2019 a LSCs for the site of Befandriana Sud and Tanandava was conducted in Befandriana Sud and on the 18 December 2019 a LSCs for the site of Ejeda was conducted in Ejeda by autarsys and atmosfair to present the project development of autarsys to the local stakeholders.

i. Agenda

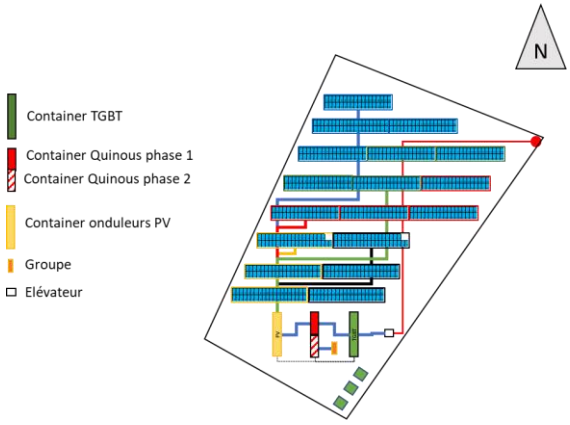
The five LSCs conducted for this project were all performed following the agenda below:

9:00	Arrival and signing of participant list
9:30	Opening of the meeting, Agenda and introduction of participants
09:45	Presentation: Who is atmosfair gGmbH
10:00	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

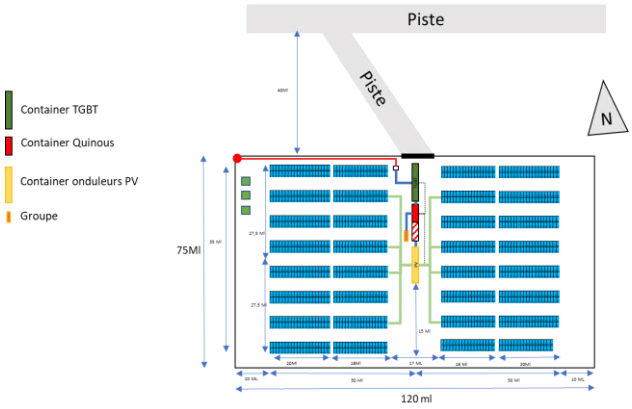
ii.Key project information

The focus of the projects is to ensure reliable and affordable electricity services to rural villages of Madagascar through proven renewable technologies with PV generation and lithium-ion battery storage. The first projects to be implemented are from Anka and Autarsys.

- **Anka's** projects in Anakao and Mangily will deliver electricity services 24h/7 during the 20 years with respectively 220 KWp and 400 KWp generating capacity. The civil work will kick off on March 2020 to target customers' connections activity taking place between June and July 2020. The customers will have choice between prepayment and postpayment system. n addition to that, Anka will charge three different tariffs respectively for the daytime, evening and night with the day service being the cheapest as it will not require battery storage.



Site layout in Anka's site in Anakao



Site layout for Anka's site in Mangily

- **Auatarsys's** projects in Befandriana Sud, Ejeda and Tanandava will deliver electricity services 24h/7 during the 20 years with respectively 41 KWp, 71 KWp and 60 KWp generating capacity. The civil work will kick off on January 2020 in Befandriana Sud and Ejeda to target customers' connections activity taking place between July and August 2020. The customers will have choice between prepayment and postpayment system. Conversely, to Anka, Autarsys will implement two different types of tariffs for households and productive consumption. Productive users will be charge less to incentivise customers to develop activity around electricity.

iii.Invitation tracking table

Category code	Organisation (if relevant)	Name of invitee	Way of invitation	Date of invitation	Confirmation received? Y/N
Ai	Président CLE (Comité Local d'Electricité/ Mangily)		Physical invitation letter	3/12/2019	Yes
Ai	Président CLE (Comité local d'Electricité/Ambalaboy)		Physical invitation letter	3/12/2019	Yes

Ai	EPP (Mangily)		Physical invitation letter	3/12/2019	Yes
Ai	CEG (Mangily)		Physical invitation letter	3/12/2019	Yes
Ai	CSB II (Mangily)		Physical invitation letter	3/12/2019	Yes
Ai	Ecole privée (Mangily)		Physical invitation letter	3/12/2019	Yes
Aii	Lina (Association de Femme/Mangily)		Physical invitation letter	3/12/2019	Yes
Ai	Eglise Musulman (Mangily)		Physical invitation letter	3/12/2019	Yes
Ai	Eglise FM (Mangily)		Physical invitation letter	3/12/2019	Yes
Aii	Aux deux métis (Mangily)		Physical invitation letter	3/12/2019	Yes
Aii	Dune d'Ifaty (Mangily)		Physical invitation letter	3/12/2019	Yes
Aii	Ifaty Beach (Mangily)		Physical invitation letter	3/12/2019	Yes
Aii	HOTEL le Paradisier (Mangily)		Physical invitation letter	3/12/2019	Yes
Aii	Coq du Village (Mangily)		Physical invitation letter	3/12/2019	Yes
Aii	Lakana Vezo (Mangily)		Physical invitation letter	3/12/2019	Yes
Aii	Patapata Bar (Mangily)		Physical invitation letter	3/12/2019	Yes
Ai	Pauline (Mangily)		Physical invitation letter	3/12/2019	Yes

Aii	Princesse du Lagon (Mangily)		Physical invitation letter	3/12/2019	Yes
Aii	Bella Donna (Mangily)		Physical invitation letter	3/12/2019	Yes
Aii	Bamboo Club (Mangily)		Physical invitation letter	3/12/2019	Yes
Aii	Chez Daniel (Mangily)		Physical invitation letter	3/12/2019	Yes
Aii	Micheline (Mangily)		Physical invitation letter	3/12/2019	Yes
Ai	Président CLE (Comité Local d'Electricité) Anakao)		Physical invitation letter	5/12/2019	Yes
Ai	Chef ZAP (Anakao)		Physical invitation letter	5/12/2019	Yes
Ai	CSB II (Anakao)		Physical invitation letter	5/12/2019	Yes
Ai	Directeur EPP (Anakao)		Physical invitation letter	5/12/2019	Yes
Ai	Directeur CEG (Anakao)		Physical invitation letter	5/12/2019	Yes
Ai	Directeur Ecole privée Saint Pierre Anakao		Physical invitation letter	5/12/2019	Yes
Aii	Hotel Longo Vezo (Anakao)		Physical invitation letter	5/12/2019	Yes
Aii	Hotel Lalandaka (Anakao)		Physical invitation letter	5/12/2019	Yes
Aii	Hotel Le Prince Anakao		Physical invitation letter	5/12/2019	Yes
Aii	Hotel Atlantis (Anakao)		Physical invitation letter	5/12/2019	Yes

Aii	Hotel Soalaza (Anakao)		Physical invitation letter	5/12/2019	Yes
Aii	Hotel Safaru Vezo (Anakao)		Physical invitation letter	5/12/2019	Yes
Aii	Hotel chez Emile (Anakao)		Physical invitation letter	5/12/2019	Yes
Aii	Hotel Peter Pan (Anakao)		Physical invitation letter	5/12/2019	Yes
Aii	Cameleon (Anakao)		Physical invitation letter	5/12/2019	Yes
Aii	Hotel Ocean Lodge (Anakao)		Physical invitation letter	5/12/2019	Yes
Aii	Hotel Diego (Anakao)		Physical invitation letter	5/12/2019	Yes
Aii	Mada surf logde (Anakao)		Physical invitation letter	5/12/2019	Yes
Ai	Association FMTF (Anakao)		Physical invitation letter	5/12/2019	Yes
Ai	Association Vomamino (Anakao)		Physical invitation letter	5/12/2019	Yes
Ai	Association Fimimamo (Anakao)		Physical invitation letter	5/12/2019	Yes
Ai	Association Tanora Tealongo (Anakao)		Physical invitation letter	5/12/2019	Yes
Ai	Association Milanama (Anakao)		Physical invitation letter	5/12/2019	Yes
Ai	Association Tsarajoro (Anakao)		Physical invitation letter	5/12/2019	Yes
Ai	Association Mavitrika (Anakao)		Physical invitation letter	5/12/2019	Yes

Ai	Association Tanira antete mivoatse (Anakao)		Physical invitation letter	5/12/2019	Yes
Ai	Association Lahinivo (Anakao)		Physical invitation letter	5/12/2019	Yes
Ai	Docteur Tealongo (Anakao)		Physical invitation letter	5/12/2019	Yes
Ai	Notable du village Tanandava station (Tanandava)	[redacted]	Physical invitation letter	9/12/2019	Yes
Ai	Retraité , notable (Befandriana Sud)	[redacted]	Physical invitation letter	13/12/2019	Yes
Ai	Notable (Befandriana Sud)	[redacted]	Physical invitation letter	13/12/2019	Yes
Ai	Chef ZAP (Befandriana Sud)	[redacted]	Physical invitation letter	13/12/2019	Yes
Ai	CSB II (Befandriana Sud)	[redacted]	Physical invitation letter	13/12/2019	Yes
Ai	CEG (Befandriana Sud)	[redacted]	Physical invitation letter	13/12/2019	Yes
Aii	Représentant Agriculteur (Befandriana Sud)	[redacted]	Physical invitation letter	13/12/2019	Yes
Aii	Représentant Agriculteur (Befandriana Sud)	[redacted]	Physical invitation letter	13/12/2019	Yes
Ai	Collège Internat Befandriana EKAR (Befandriana Sud)	[redacted]	Physical invitation letter	13/12/2019	Yes
Aii	Commerçant (Befandriana Sud)	[redacted]	Physical invitation letter	13/12/2019	Yes
Ai	Notable (Befandriana Sud)	[redacted]	Physical invitation letter	13/12/2019	Yes

Aii	Représentant Commerçant (Befandriana Sud)	[redacted]	Physical invitation letter	13/12/2019	Yes
Ai	Agent Communautaire Santé CSB (Befandriana Sud)	[redacted]	Physical invitation letter	13/12/2019	Yes
Ai	Pasteur FLM (Befandriana Sud)	[redacted]	Physical invitation letter	13/12/2019	Yes
Aii	Représentant Commerçant (Befandriana Sud)	[redacted]	Physical invitation letter	13/12/2019	Yes
Aii	Gérant Hotel Etape Masikoro (Befandriana Sud)	[redacted]	Physical invitation letter	13/12/2019	Yes
Aii	CFP ou Centre de Formation Proféssionnel (Befandriana Sud)	[redacted]	Physical invitation letter	13/12/2019	Yes
Ai	EKAR (Befandriana Sud)	[redacted]	Physical invitation letter	13/12/2019	Yes
Aii	Commerçant, bar restaurant (Befandriana Sud)	[redacted]	Physical invitation letter	13/12/2019	Yes
Aii	Commerçant (Befandriana Sud	[redacted]	Physical invitation letter	13/12/2019	Yes
Aii	Boucher (Befandriana Sud)	[redacted]	Physical invitation letter	13/12/2019	Yes
Ai	Directeur EPP (Befandriana Sud)	[redacted]	Physical invitation letter	13/12/2019	Yes
Ai	Président Dinabe (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes
Ai	CSBII (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes
Ai	EKAR (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes
Ai	EPP (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes

Ai	Enseignante (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes
Ai	Lycée (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes
Aii	Pharmacie (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes
Ai	CEG (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes
Aii	Commerçant (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes
Aii	CFP (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes
Ai	Lycée Ejeda	[redacted]	Physical invitation letter	11/12/2019	Yes
Aii	Opérateur économique (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes
Ai	Abonné (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes
B	Adjoint au Maire (Mangily)		Physical invitation letter	3/12/2019	Yes
B	Président Conseiller Communal (Mangily)		Physical invitation letter	3/12/2019	Yes
B	Chef de Fokontany Mangily (Mangily)		Physical invitation letter	3/12/2019	Yes
B	Gendarme (Mangily)		Physical invitation letter	3/12/2019	Yes
B	Président Dinabe (Mangily)		Physical invitation letter	3/12/2019	Yes
B	Chef de Fokontany Beravy (Mangily)		Physical invitation letter	3/12/2019	Yes

B	Chef de Fokontany Ambalaboy (Mangily)		Physical invitation letter	3/12/2019	Yes
B	Chef de Fokontany Tsivonoe (Mangily)		Physical invitation letter	3/12/2019	Yes
B	Chef de Fokontany Ifaty (Mangily)		Physical invitation letter	3/12/2019	Yes
B	Fokontany Tsongeritelo (Mangily)		Physical invitation letter	3/12/2019	Yes
B	Adjoint au Maire (Anakao)		Physical invitation letter	5/12/2019	Yes
B	Président Conseiller Communal (Anakao)		Physical invitation letter	5/12/2019	Yes
B	Chef Fokontany Anakao Haut (Anakao)		Physical invitation letter	5/12/2019	Yes
B	Chef Fokontany Anakao Bas (Anakao)		Physical invitation letter	5/12/2019	Yes
B	Maire Tanandava (Befandriana Sud)	[redacted]	Physical invitation letter	9/12/2019	Yes
B	Chef de Service Technique	[redacted]	Physical invitation letter	9/12/2019	Yes
B	Président Conseil Communal Tanandava (Befandriana Sud)	[redacted]	Physical invitation letter	9/12/2019	Yes
B	Déléguée d'Arrondissement (Befandriana Sud)	[redacted]	Physical invitation letter	9/12/2019	Yes
B	Président Fokontany Tanandava (Befandriana Sud)		Physical invitation letter	9/12/2019	Yes
B	Adjoint au Maire Befandriana (Befandriana Sud)	[redacted]	Physical invitation letter	9/12/2019	Yes
B	STC Commune	[redacted]	Physical invitation	9/12/2019	Yes

	(Befandriana Sud)	[redacted]	letter		
B	Sécretaire Etat Civil Commune (Befandriana Sud)	[redacted]	Physical invitation letter	9/12/2019	Yes
B	SG Commune (Befandriana Sud)	[redacted]	Physical invitation letter	9/12/2019	Yes
B	VP Conseil Communal (Befandriana Sud)	[redacted]	Physical invitation letter	9/12/2019	Yes
B	PCC (Befandriana Sud)	[redacted]	Physical invitation letter	9/12/2019	Yes
B	Chef de village Andraketa (Befandriana Sud)	[redacted]	Physical invitation letter	9/12/2019	Yes
B	Commandant de Brigade ZP (Befandriana Sud)	[redacted]	Physical invitation letter	9/12/2019	Yes
B	Maire Entrant (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes
B	Maire Sortant (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes
B	Chef Fokontany Ejeda Centre (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes
B	Chef Fokontany Ejeda Sud (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes
B	Délégué d'Arrondissement (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes
B	CB ZP Ejeda (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes
B	ZP Ejeda (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes

B	Chef Fokontany Ejeda Nord (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes
B	Chef ZAP (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes
B	Chef District Ampanihy (Ejeda)		Physical invitation letter	11/12/2019	No
B	Deputé Ampanihy (Ejeda)		Physical invitation letter	11/12/2019	No
B	Assistant Parlementaire Ampanihy (Ejeda)	[redacted]	Physical invitation letter	11/12/2019	Yes
C	Ministère de l'Environnement, de l'Ecologie et des Forêts Bureau National de Coordination Changement Climatique	[redacted]	eMail	29/11/2019	No Response
C	MEEH (Ministère de l'Eau, de l'Energie et des Hydrocarbures	[redacted]	email	21/11/2019	Yes
C	ADER (Agence de Développement de l'Electrification Rurale)	[redacted]	email	21/11/2019	Yes
C	ORE (Office de Régulation de l'Electricité)	[redacted]	email	21/11/2019	Yes
C	Prefet de Région Atsimo Andrefana		Physical invitation letter	6/12/2019	Yes
C	Directeur Regional MEEH	[redacted]	email	21/11/2019	Yes
C	Chef de District Toliary II		Physical invitation letter	6/12/2019	Yes
C	Chef de District Morombe		Physical invitation	9/12/2019	Yes

			letter		
D	Reniala Parc (Mangily)		Physical invitation letter	3/12/2019	Yes
D	Parc Mosa		Physical invitation letter	3/12/2019	Yes
D	Parc Leza		Physical invitation letter	3/12/2019	Yes
D	Volamahasoa		Physical invitation letter	3/12/2019	Yes
D	ONG Bel Avenir		Physical invitation letter	3/12/2019	Yes
D	GIZ PERER	[redacted]	email	21/11/2019	Yes
D	Village Tortue		Physical invitation letter	3/12/2019	Yes
E	Gold Standard		email	29/11/2019	No
F	Global Offset Research	[redacted]	email	29/11/2019	No
F	Lean Management Systems Promotion Society	[redacted]	email	29/11/2019	No
F	HIVOS	[redacted]	email	29/11/2019	No
F	myclimate	[redacted]	email	29/11/2019	No
F	Concern Health Ghana	[redacted]	email	29/11/2019	No
F	A World Institute for a Sustainable Humanity (A W.I.S.H)	[redacted]	email	29/11/2019	No
F	Action Carbone (Good	[redacted]	email	29/11/2019	No

	Planet Foundation)				
F	Ashanti Social Welfare Association (ASWA)	[redacted]	email	29/11/2019	No
F	Atmosfair	[redacted]	email	29/11/2019	No
F	Bangladesh Centre for Advanced Studies	[redacted]	email	29/11/2019	No
F	BASE (Basel Agency for Sustainable Energy	[redacted]	email	29/11/2019	No
F	Carbon Watch	[redacted]	email	29/11/2019	No
F	Care International	[redacted]	email	29/11/2019	No
F	CASA (Citizens's Alliance for Saving the Atmosphere and Earth)	[redacted]	email	29/11/2019	No
F	Chinansi Foundation	[redacted]	email	29/11/2019	No
F	Clean Energy Nepal	[redacted]	email	29/11/2019	No
F	Climate Action Network South Africa	[redacted]	email	29/11/2019	No
F	David Suzuki Foundation	[redacted]	email	29/11/2019	No
F	Development Alternatives	[redacted]	email	29/11/2019	No
F	Earth Advantage, Inc.	[redacted]	email	29/11/2019	No
F	EnerGHG India	[redacted]	email	29/11/2019	No
F	Energy Forum	[redacted]	email	29/11/2019	No
F	Euronatura–Center for Environmental Law and Sustainable Development	[redacted]	email	29/11/2019	No
F	European Business Council For Sustainable Energy e5	[redacted]	email	29/11/2019	No
F	Fair Climate Network	[redacted]	email	29/11/2019	No

		[redacted]			
F	Forum for the Future	[redacted]	email	29/11/2019	No
F	Fundacion Ecodiversidad Colombia	[redacted]	email	29/11/2019	No
F	Fundacion Ecologia y Desarrollo	[redacted]	email	29/11/2019	No
F	Fundación MDL de Honduras	[redacted]	email	29/11/2019	No
F	Germanwatch	[redacted]	email	29/11/2019	No
F	Gevalor	[redacted]	email	29/11/2019	No
F	Global Environmental Institute (GEI)	[redacted]	email	29/11/2019	No
F	Green Camel Bell (Gansu)	[redacted]	email	29/11/2019	No
F	Green Wave (Ecoclub) UA	[redacted]	email	29/11/2019	No
F	Greenfleet	[redacted]	email	29/11/2019	No
F	GRIAN (Greenhouse Ireland Action Network)	[redacted]	email	29/11/2019	No
F	HELIO International	[redacted]	email	29/11/2019	No
F	Hivos	[redacted]	email	29/11/2019	No
F	Impact Carbon	[redacted]	email	29/11/2019	No
F	Indonesia Forum for Environment (WALHI)	[redacted]	email	29/11/2019	No
F	Initiative Développement	[redacted]	email	29/11/2019	No
F	International Centre for Eradication of Poverty	[redacted]	email	29/11/2019	No
F	Kangmei Institute of Community Development and Marketing	[redacted]	email	29/11/2019	No

F	Kiko Network	[redacted]	email	29/11/2019	No
F	KLIMA	[redacted]	email	29/11/2019	No
F	Miombo	[redacted]	email	29/11/2019	No
F	Miriam-PEACE	[redacted]	email	29/11/2019	No
F	Myclimate		email	29/11/2019	No
F	National Center for Appropriate Technology (NCAT)	[redacted]	email	29/11/2019	No
F	National Trust For Nature Conservation (NTNC)	[redacted]	email	29/11/2019	No
F	Nexus, Carbon for Development	[redacted]	email	29/11/2019	No
F	Noé21	[redacted]	email	29/11/2019	No
F	Non-Conventional Energy and Rural Development Society (NERD SOCIETY Coimbatore)	[redacted]	email	29/11/2019	No
F	NOVA Institute	[redacted]	email	29/11/2019	No
F	ONKE Training	[redacted]	email	29/11/2019	No
F	Pelangi	[redacted]	email	29/11/2019	No
F	Philippine Network on Climate Change	[redacted]	email	29/11/2019	No
F	Philippine Solar Energy Society	[redacted]	email	29/11/2019	No
F	Planetair	[redacted]	email	29/11/2019	No
F	Plantons Utile	[redacted]	email	29/11/2019	No
F	PURE the Clean Planet Trust	[redacted]	email	29/11/2019	No
F	Rainforest Alliance	[redacted]	email	29/11/2019	No

F	REEEP	[redacted]	email	29/11/2019	No
F	Rural Education for Development Society-REDS	[redacted]	email	29/11/2019	No
F	Save the Earth Cambodia	[redacted]	email	29/11/2019	No
F	Shanshui Conservation Center, China	[redacted]	email	29/11/2019	No
F	Sibol ng Agham at Teknolohiya	[redacted]	email	29/11/2019	No
F	SKG Sangha	[redacted]	email	29/11/2019	No
F	SolarAid	[redacted]	email	29/11/2019	No
F	SouthSouthNorth	[redacted]	email	29/11/2019	No
F	Sustainable Travel International (STI)	[redacted]	email	29/11/2019	No
F	The Climate Group (China)	[redacted]	email	29/11/2019	No
F	The Environmental Investigation Agency	[redacted]	email	29/11/2019	No
F	Winrock International India	[redacted]	email	29/11/2019	No
F	Winrock International Nepal	[redacted]	email	29/11/2019	No
F	WWF International	[redacted]	email	29/11/2019	No
F	Yunnan Green Environment Development Foundation, China	[redacted]	email	29/11/2019	No
F	Zero: Regional Environment Organisation	[redacted]	email	29/11/2019	No
F	Global Offset Research	[redacted]	email	29/11/2019	No

Email and physicial invitation letters were sent out before the Stakeholder Consultation Meeting to those people, others were invited through direct contact. Additionally, the developers announced the meetings in the villages which will be electrified. The invitations were written up in French. If requested it was also sent out in English or Malagasy.

iv. Text of individual invitations

Invitation to Stakeholder Consultation Meeting

Project title: Rural electrification program Madagascar

The following invitation was sent out to individual invitee to the consultations. It includes the purpose of the meeting, the names and mission of the organisers, the date and venue with the agenda. Invitees can reach out to the organisers with the two contacts provided at the end of the invitation.

On the second page of the invitation is a response form for the invitees. It will allow them to provide their details such as name, organisation, contacts and section to respond positively or negatively to the invitation.

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Invitation à la réunion de consultation des Parties Prenantes
Projet: Electrification rurale de Madagascar

Le projet photovoltaïque "Électrification Rurale de Madagascar" est une initiative de l'organisation à but non lucratif allemande Atmosfair gGmbH, en partenariat avec différents développeurs de projets, tels que les sociétés Anka Madagascar et Autarsys Madagascar, et a pour objectif l'électrification des zones rurales de Madagascar grâce à l'énergie solaire. Le projet sera enregistré sous le Gold Standard (GS) et contribuera au développement durable du pays.

Les initiateurs du projet aimeraient vous inviter à la réunion de consultation des parties prenantes afin de vous informer sur l'activité du projet et les technologies utilisées. L'objectif de cette réunion est de discuter avec les parties prenantes locales de tous les aspects du projet, en mettant l'accent sur les indicateurs de durabilité et la protection de l'environnement.

Afin de recevoir vos commentaires sur ces questions et vos suggestions, une réunion de consultation des intervenants sera organisée :

- Le Dimanche 13 Décembre 2019 à 9h à l'hôtel Palétuvier Tuléar

Ci-dessous l'ordre du jour de la Consultation:

- Ouverture de la réunion
- Présentation du projet
- Questions pour obtenir des éclaircissements sur le projet
- Exercice sur le développement durable
- Discussion sur le suivi du développement durable
- Clôture de la réunion et remplissage du formulaire d'évaluation

Nous apprécierions grandement votre présence (ou celle de votre représentant). Votre participation active contribuera au succès de cette réunion.
Veuillez remplir le formulaire de réponse ci-joint et nous l'envoyer par courriel au plus tard le 11 décembre pour nous aider à organiser la logistique. Des collations et des rafraîchissements seront servis.
Si vous n'êtes pas en mesure de participer, à nous envoyer vos commentaires par mail.
Nos coordonnées sont fournies ci-dessous :

Contact

Mme Norohanitra Nalison ANKA Madagascar Téléphone: +264 34 20 701 02 Mail: norohanitra.n@go-anka.com	Mme Nele Erdmann Atmosfair gGmbH Téléphone.: +49 (0) 30 120 84 80 63 Mail: erdmann@atmosfair.de

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Formulaire de réponse
Nom:
Organisation:
Mail/téléphone de contact:

☐ J'assisterai à la consultation des intervenants

☐ Je ne pourrai pas assister à la consultation des intervenants. Veuillez me tenir au courant des Feedback des intervenants qui auront lieu après la réunion de consultation des intervenants.

☐ Je ne serai pas en mesure d'y assister et ne souhaite pas recevoir d'autres informations.

Date: 02/12/19 Signature:_____

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Fandraisana anjara
Anarana: _____
Fikambanana: _____
Mailaka/Tél: _____
☐ Eny, handray anjara feno izaho
☐ Tsia, tsy afaka ny handray anjara amin'ny fivoriana fakan-kevitra iarahan'ny mpiara-miombon'antoka aho. Kanefa mba ataovy mahafantatra ny zavatra notinapaka tamin'io fivorian'ny mpiara-miombon'antoka io aho azafady

☐ Tsia, tsy afaka ny handray anjara amin'ny fivoriana izaho sady tsy mitaky fanazavana misimisy.

Daty: _____ Sonia:_____

v.Text of public invitations

In addition to the individual invitation sent out to stakeholders, the project developers issued public invitation for each targeted villages by the projects. The invitation was written in Malagasy language and provided the following details: the purpose of the meeting, the venue and time, the category of people advised to attend the meeting (all), and the importance of their participation. Below are examples of public invitation posted by Autarsys at public places in the Commune of Befandriana Sud, Tanandava and Ejeda.

autarsys
Madagascar SARL

FANASANA

Ho fanomanana ny fanatanterahana ireo teikasa fametrahana herinaratra azo avy amin'ny Angovo azo havaozina na ny herin'ny masoandro (*Electrification rurale à base énergie rénouvelable hybride solaire*) eto amin'ny kaominina ambanivohitra **BEFANDRIANA atsimo** , distrikan'ny MOROMBE, faritra ATSIMO ANDREFANA,

Dia

Ampandrenesina isika vahoaka, fa hisy ny fivoriana **fampahafantarana ny tetikasa** sy **dinika** ary **fakana hevitra** avy ety ifotony izay hatao ny **Alarobia faha 16 Desambra 2019** .eto amin'ny kaominina Befandriana Atsimo , (toerana : .....)

Izany dia iharahana amin'ny **AUTARSYS Madagascar .sy ATMOSFAIR** ;

Koa hasaina amin'izany :

-Ireo mpanantanteraka ato amin'ny kaominina

-Ireo mpanolontsainan'ny kaominina

-Ireo mpiara miombon'antoka rehetra miasa ety aminin'ny kaominina,

-Ireo Solontenan'ny isaky ny sampandraharam-panjakana ety an-toerana rehetra, sivily sy miaramila

-Ireo sehatra tsy miankina rehetra hisitraka mivantana na tsy mivantana ny tetikasa

-Solontenan'ny mpanjifa

Aorian'io fihaonana io dia hisy ny firakerana an-tsoratra izay hevitra rehetra ho fampaharetana ny tetikasa ary fametrahana izay mety ho mason-tsivana entina hizohina sy hanarahana ny fanantanterahana ny tetikasa ;

Koa manantena ny fahatongavantsika sy ny fandraisan'anjara mavitrika amin'ny fakan-kevitra , satria efa fandraisana anjara sahady amin'ny fanantanetrahana fampaharetana ny tetikasa izany .

Ny fahalavorarian'izao laha dinika sy fakan-kevitra izao dia antoka hahatanterahana sy hampaharitra ny tetikasa ara mpiaraha monina sy manaja ny tontolo iainana ;

Toliara faha 08 desambra 2019

autarsys
Madagascar SARL

(NB : atao petadrindrina sy zaraina amin'ireo solontena hasaina voalaza etsy ambony)

FANASANA

Ho fanomanana ny fanatanterahana ireo teikasa fametrahana herinaratra azo avy amin'ny Angovo azo havaozina na ny herin'ny masoandro (*Electrification rurale à base énergie rénouvelable hybride solaire*) amin'ny kaominina ambanivohitra BEFANDRIANA atsimo sy TANANDAVA , distrikan'ny MOROMBE, faritra ATSIMO ANDREFANA,

Dia

Ampandrenesina isika vahoaka, fa hisy ny fivoriana **fampahafantarana ny tetikasa** sy **dinika** ary **fakana hevitra** avy ety ifotony izay hatao ny **Alatsinainy faha 16 Desambra 2019** .izay atao amin'ny kaominina Befandriana atsimo

(toerana : .....)

Izany dia iharahana amin'ny **AUTARSYS Madagascar sy ATMOSFAIR** ;

Koa hasaina amin'izany :

-Ny solontenan'ny mpanantanteraka ato amin'ny kaominina

-Ny solontenan'ny mpanolontsainan'ny kaominina

- Ny solontenan'ny olo-be to teny avy aminin'ny kaominina,

-Ny Solontenan'ny sampandraharam-panjakana

Aorian'io fihaonana io dia hisy ny firakerana an-tsoratra izay hevitra rehetra ho fampaharetana ny tetikasa ary fametrahana izay mety ho mason-tsivana entina hizohina sy hanarahana ny fanantanterahana ny tetikasa ;

Koa manantena ny fahatongavantsika sy ny fandraisan'anjara mavitrika amin'ny fakan-kevitra , satria efa fandraisana anjara sahady amin'ny fanantanetrahana fampaharetana ny tetikasa izany .

Ny fahalavorarian'izao laha dinika sy fakan-kevitra izao dia antoka hahatanterahana sy hampaharitra ny tetikasa ara mpiaraha monina sy manaja ny tontolo iainana ;

Toliara faha 08 desambra 2019

autarsys
Madagascar SARL

(NB : atao petadrindrina sy zaraina amin'ireo solontena hasaina voalaza etsy ambony)

FANASANA

Ho fanomanana ny fanatanterahana ireo teikasa fametrahana herinaratra azo avy amin'ny Angovo azo havaozina na ny herin'ny masoandro (*Electrification rurale à base énergie rénouvelable hybride solaire*) eto amin'ny kaominina ambanivohitra **EJEDA**, distrikan'ny AMPANIHY., faritra ATSIMO ANDREFANA,

Dia

Ampandrenesina isika vahoaka, fa hisy ny fivoriana **fampahafantarana ny tetikasa** sy **dinika** ary **fakana hevitra** avy ety ifotony izay hatao ny **Alarobia faha 18 Desambra 2019** .eto amin'ny kaominina

(toerana : .....)

Izany dia iharahana amin'ny **AUTARSYS Madagascar sy ATMOSFAIR** ;

Koa hasaina amin'izany :

-Ireo mpanantanteraka ato amin'ny kaominina

-Ireo mpanolontsainan'ny kaominina

-Ireo mpiara miombon'antoka rehetra miasa ety aminin'ny kaominina,

-Ireo Solontenan'ny isaky ny sampandraharam-panjakana ety an-toerana rehetra, sivily sy miaramila

-Ireo sehatra tsy miankina rehetra hisitraka mivantana na tsy mivantana ny tetikasa

-Solontenan'ny mpanjifa

Aorian'io fihaonana io dia hisy ny firakerana an-tsoratra izay hevitra rehetra ho fampaharetana ny tetikasa ary fametrahana izay mety ho mason-tsivana entina hizohina sy hanarahana ny fanantanterahana ny tetikasa ;

Koa manantena ny fahatongavantsika sy ny fandraisan'anjara mavitrika amin'ny fakan-kevitra , satria efa fandraisana anjara sahady amin'ny fanantanetrahana fampaharetana ny tetikasa izany .

Ny fahalavorarian'izao laha dinika sy fakan-kevitra izao dia antoka hahatanterahana sy hampaharitra ny tetikasa ara mpiaraha monina sy manaja ny tontolo iainana ;

Toliara faha 08 desambra 2019

autarsys
Madagascar SARL
Lot IPS 59 A bis Ambanilalana Itaosy-
102 Antananarivo
Tel: +261 34 10 294 06 / +261 33 05 69522
Info-mg@autarsys.com
www.autarsys.com

(NB : atao petadrindrina sy zaraina amin'ireo solontena hasaina voalaza etys ambony)

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.

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 stakeholders without email will be given access to a hard copy of the report and will be asked for their comments.

SECTION C. CONSULTATION PROCESS

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

i. List of participants

One hundred thirty seven (137) stakeholders attended the event. They are categorised as follow:

- A.i – 45 people
- Aii. - 44 people
- B – 34 people
- C – 7 people
- D – 7 people

The attendance form signed by participants is annexed to this report[1].

[1] Actual number of people in attendance shows 157. This is due to the fact that representatives of atsmofair, Anka and Autarsys who attended the five consultations are only accounted once in the number of participants whereas they signed for each consultation.

Evaluation forms

The evaluation forms have been translated into English. The original forms are within the Annex.

- The evaluation forms from the LSCs held in Toliary with officials are reported below

Name	[redacted]
What is your impression of the meeting	The consultation went well. Connections between participants as well were perfect.
What do you like about the project	I liked all details discussed today
What do you not like about the project	None
Signature	[Signature]

Name	**[Not given]**
What is your impression of the meeting	Not a lot of animation for the meeting. Little participants but vivid discussion on the topics
What do you like about the project	The discussion and outreach on rural electrification matters because it is vital for rural population
What do you not like about the project	Ideas seem to be rather conceptual than proven. The productive use of electricity was not highlighted by the electricity provider
Signature	[Not signed]

Name	[redacted]
What is your impression of the meeting	The meeting went well even though the participants were a little few. Stakeholders need to be taught the importance of such consultation
What do you like about the project	The explanation of the technical aspect was very informative
What do you not like about the project	The report of the environmental studies was not detailed. In similar project, there need to be a thourough environmental commitment
Signature	[Signed]

Name	**Ravoson Fenitra**

What is your impression of the meeting	Organisation of the meeting need to be improved
What do you like about the project	All the projects are beneficial for local communities. They have innovation, target households with low incomes and offer payment options
What do you not like about the project	The multiple phases of implementation approach may jeopardise the overall project as the developer could potentially be reluctant to embark in the later phases if the learning outcome of the phase 1 is not excellent
Signature	[Not signed]

Name	[redacted]
What is your impression of the meeting	Generally, the agenda was good and there was enough time for presentation and discussion. However, the participants were little few for a local consultation
What do you like about the project	All the projects are supported by the Government and integrated in the Regional development plans, the developers currently have all the support to successfully implement them
What do you not like about the project	None
Signature	[Signed]

Name	**[Not Given]**
What is your impression of the meeting	The meeting was too long so many people left earlier. However, the discussion was very interesting and informative. Lastly, the delay in the start was too much
What do you like about the project	The job creation that comes with project is very much appreciated. This will join the access to electrification in rural area.
What do you not like about the project	[None]
Signature	[Not signed]

Name	[redacted]
What is your impression of the meeting	Good

What do you like about the project	All
What do you not like about the project	None
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting taught me new understanding of electricity usage
What do you like about the project	I most like the consideration of vulnerable households within the village of implementation by the creation of multiple tariffs
What do you not like about the project	[None]
Signature	[Signed]

- The evaluation forms from the LSCs held in Anakao are reported in below tables

Name	[redacted]
What is your impression of the meeting	This meeting is important because if all the stakeholders contribute and the project happens, that will improve local people livelihood
What do you like about the project	The implementation of this project here in Anakao will light up the village with clean energy source. Currently we are generating from high petrol and diesel price
What do you not like about the project	I also earn my life in selling diesel and petrol so this project will impact in my income; However, I am still supportive and I wish the developer can deliver the project in time
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting was very and satisfying in terms of content and timing. I learnt a lot today. However, the delay in the start was too much
What do you like about the project	I liked the fact the we can choose to whether connect to the mini-grid or SHS depending on our income level
What do you not like about the project	[None]

Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting went very well and discussion was rich. I am confident that the project will really happen. Answers to questions were very good
What do you like about the project	The project will bring many opportunities of income creation such as hair cut shop, internet centre, groceries. This will drive growth in local economy
What do you not like about the project	I realised that some participants did not understand the multiple tariff mechanism. They may create difficulties during the operation phase and may could potentially affect the sustainability of the project
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting discussed something that will bring good to our village
What do you like about the project	The availability of prepaid system
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	I am very satisfied of the meeting we had today
What do you like about the project	I like all the components of the project
What do you not like about the project	For me, there is nothing bad about the project
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting went very well
What do you like about the project	I liked the most about the project is the prepaid system

What do you not like about the project	[None]
Signature	[Signed]

Name	**[Not given]**
What is your impression of the meeting	The meeting went well but there were still missing explanation
What do you like about the project	I welcome the arrival of electricity in my village by this project
What do you not like about the project	The missing explanations are related to: • the exact amount of connection fees and materials • the limit of the grid • an estimate of the households standard consumption and bill
Signature	[Not signed]

Name	[redacted]
What is your impression of the meeting	The meeting was very good because it taught valuable knowledge about the electricity from solar. The availability of the electricity services already mean development
What do you like about the project	I liked the explanation on how did the project be initiated and what is the objective. Moreover, I am thankful to those who chose our village as beneficiary of this program. Lastly, I like the billing system that allows low-income households to go on prepaid plan and control their own consumption. I am confident that this project will in terms release our village from the darkness
What do you not like about the project	The time was not sufficient to go into details on all the components of the projects. Thus, many important topic discussions were just shortened. I think meeting with this importance should at least take two days.
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	I am satisfied with the meeting organisation
What do you like about the project	I liked this project as it will bring electricity to our village
What do you not like about the project	It would be sad if the project will not happen at the end
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	I liked the most about the meeting are the participants' commitment in asking questions and sharing ideas to improve the projects.
What do you like about the project	The electrification access to all households and the availability of different commercial offers will contribute to the sustainability of the project. furthermore, I also like that the generated electricity will be reliable
What do you not like about the project	The explanation and outreach on the billing and payment system were not sufficient and need to be reiterated as miscomprehension may lead customer to overconsume. Overconsumption may induce incapacity to pay and disconnection, which will be detrimental to the operator
Signature	[Not signed]

Name	[redacted]
What is your impression of the meeting	The meeting allowed me to learn what I need for my business and I now know my choices
What do you like about the project	What I like the most about the project is the clean source of generation. I welcome this project
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting was not enough to learn all about the projects so I am not very convinced
What do you like about the project	I like the use of smart meter and prepaid system. It will help me control my consumption
What do you not like about the project	What I do not like in project like this is good in paper but not sustainable in reality
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	This meeting went well and it was important. It taught me a lot about the project
What do you like about the project	I like first the arrival of electricity with this project. In addition to that, the diverse commercial offers will help households to choose the best fit to their income
What do you not like about the project	[None
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting was very good because it taught me valuable information about the project
What do you like about the project	I like the project because it will light up the village and houses
What do you not like about the project	I do not like if the project is not sustainable
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting went well
What do you like about the project	I like the electricity that comes with this project
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting share important information on the project of fighting darkness in the village
What do you like about the project	I like the prepaid system
What do you not like about the project	I do not find any bad point to raise
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	This meeting helps us understand the importance of the electrification project
What do you like about the project	I like the use of prepaid system
What do you not like about the project	I do not find any bad point to raise
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting was well organised and explanation was very informative
What do you like about the project	I like the electricity that comes with this project
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting was very well. I am satisfied.
What do you like about the project	The diverse commercial offers will help vulnerable households
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting went well. I was satisfied.
What do you like about the project	I like the fact that developers thought of the vulnerable households when they decided about

	the tariff system
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting was excellent
What do you like about the project	Project that considers inclusivity
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting taught us, people of Anakao, the benefit of the electricity services
What do you like about the project	This project will develop the village and bring joy to households. The tariff system considers all families
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	Good
What do you like about the project	A project that contributes to the development of the village
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting went very well
What do you like about the project	The project will foster development in the village
What do you not like about the project	[None]
Signature	[Signed]

- The evaluation forms from the LSCs held in Mangily are reported in below tables

Name	[redacted]
What is your impression of the meeting	I am very satisfied with the explanation during this meeting
What do you like about the project	This project will foster economic growth in our village Mangily
What do you not like about the project	I do not see any dislike to raise
Signature	[Signed]

Name	**[Not given]**
What is your impression of the meeting	The meeting went well as per the announced agenda and I enjoyed the discussions and ideas sharing
What do you like about the project	I liked the explanation about the cross cutting development activities and encourage the developer to show more commitment in the environment protection
What do you not like about the project	I would like this consultation conducted in public areas because many people can attend today
Signature	[Not signed]

Name	[redacted]
What is your impression of the meeting	atsmofair's presentation was very clear and interesting. Anka's presentation did not address important topics. The lighting of the room was not perfect.
What do you like about the project	The project arrives at the perfect time because a local business has pioneered rural electrification here and is about to leave now because of fluctuation of diesel price. This clean energy will drive growth
What do you not like about the project	[None]
Signature	[Signed]

Name	**[Not Given]**
What is your impression of the meeting	I found the presentation very full of important information and it was also clear
What do you like about the project	I like the most the protection of users and neighbours against electricity hazards
What do you not like about the project	[None]
Signature	[Not Signed]

Name	[redacted]
What is your impression of the meeting	I particularly found the meeting very useful as we all need electricity and light in life
What do you like about the project	I liked two components of the projects: it clean and fifths against poverty
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting went very well and I am very satisfied
What do you like about the project	The project will help fight poverty in our village
What do you not like about the project	[None]
Signature	[Signed]

Name	**[Not Given]**
What is your impression of the meeting	The meeting discussed about the electricity which was very important for our community
What do you like about the project	The project will bring light and security to the village. Please deliver the project as soon as possible
What do you not like about the project	[None]
Signature	

Name	**[Not Given]**
What is your impression of the meeting	The meeting and presentation were very informative
What do you like about the project	The project will bring economic growth to our community
What do you not like about the project	I do not find any dislike to raise
Signature	[Not Signed]

Name	**[Not Given]**
What is your impression of the meeting	The meeting was excellent and I learnt good things
What do you like about the project	Not only does the project light the village up but also trains the population about how not to overconsume
What do you not like about the project	I feel the tariff is high so I recommend a decrease
Signature	[Not Signed]

Name	[redacted]
What is your impression of the meeting	The meeting went very well
What do you like about the project	This project will allow me to have electricity at home and to the village
What do you not like about the project	[None]
Signature	[Not Signed]

Name	**[Not Given]**
What is your impression of the meeting	The meeting went very well and we really appreciated the presentation and explanation
What do you like about the project	I much like the arrival of electricity in my village which will allow us to keep our shops open late at night
What do you not like about the project	[None]
Signature	[Not Signed]

Name	**[Not Given]**
What is your impression of the meeting	The meeting was conducted perfectly. Discussion and explanation were friendly and clear
What do you like about the project	I like the most about the project is the low tariff combined with clean electricity
What do you not like about the project	I do not have any negative point to mention
Signature	[Not Signed]

Name	**[Not Given]**
What is your impression of the meeting	I am satisfied as all explanation and responses to questions were very clear
What do you like about the project	I am very excited about this project, as I have been waiting for this type of project since ages.
What do you not like about the project	The tariff a bit and connection fees need to be lowered a bit
Signature	[Not Signed]

Name	**[Not Given]**
What is your impression of the meeting	The meeting taught a lot about the electrification project
What do you like about the project	The project will light up the village and support communities to diversify incomes
What do you not like about the project	The tax income of the Municipality was not explained in details
Signature	[Not Signed]

Name	**[Not Given]**
What is your impression of the meeting	The meeting was an immense opportunity for us to learn what you intend to do with electrification project. Generally it went very well and I wish a meeting will be organised after the construction and before connecting households
What do you like about the project	I like about the project the commercial offers provided to customers such as the different tariffs, the smart metering and prepaid options

What do you not like about the project	The tariff is higher compared to Jirama in Toliary even though Jirama fuels so I suggested the following tariff: • Tariff day: 500 Ariary / KWh • Tariff evening: 800 Ariary / KWh • Tariff night: 1,000 Ariary / KWh
Signature	[Not Signed]

Name	**[Not Given]**
What is your impression of the meeting	Very informative meeting
What do you like about the project	This electrification project will foster economic growth in our village
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting went very well and participants had a very productive discussions about the electricity and quality of services
What do you like about the project	I like the commercial offers with three different tariffs and the protection of the villagers against electricity hazards
What do you not like about the project	I do not have any dislike to raise
Signature	[Signed]

Name	
What is your impression of the meeting	The meeting went very well and discussions were very productive
What do you like about the project	I like the commercial offers with three different tariffs and the protection of the villagers and environment against electricity hazards
What do you not like about the project	I do not have any dislike to raise
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting went very well and explanation was very clear. I also appreciated the participants with their questions
What do you like about the project	I like this project as it will drive economic growth in the village and such consultation is very important to align vision
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	I appreciated the discussions and the explanation provided was clear
What do you like about the project	I like this project as it will promote development and different tariffs will allow households to control their consumption
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	I am very happy with what I have learnt today through this meeting
What do you like about the project	This project will light up our village and thank you to atmosfair for supporting the project
What do you not like about the project	The tariff is high and need to be lowered
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	We really appreciate the meeting and discussion around this electrification project
What do you like about the project	This project will light up our village and improve our lives
What do you not like about the project	The tariff is high and need to be lowered
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting is of very high importance as it provided guidance to customer on how to use electricity
What do you like about the project	This project perfectly answers to all our requests about the electrification project
What do you not like about the project	The project should be extended to the entire area of the Rural Commune
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	This meeting met my expectations and I wish the next steps of the project to goes very well
What do you like about the project	This project will bring development in this village
What do you not like about the project	I do not have any dislike to raise
Signature	[Signed

- The evaluation forms from the LSCs held in Befandriana Sud are reported in below tables

Name	[redacted]
What is your impression of the meeting	I appreciate this meeting as it taught us many aspects of the project with had not known before
What do you like about the project	All the components of the project
What do you not like about the project	None
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting organisation was perfect: the greetings, the timing, agenda and breaks. It also gave explanation about the delay in the project implementation
What do you like about the project	I like the capacity of the project to leverage partnership with different partners such atmosfair to make it happen
What do you not like about the project	I do not have any dislike to raise as the project has

	not reach commercial stage yet
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting was very informative. We learnt on how to sustain the project
What do you like about the project	This project is central to the development of our community so we sincerely wish the partnership between Autarsys and atmosfair to make this project happen
What do you not like about the project	We please Autarsys to reconsider the tariff as is too high
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The discussion was very informative
What do you like about the project	I like this project in its overall components
What do you not like about the project	I would be very disappointed if the project will not happen
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting went well
What do you like about the project	I like the project in its overall components
What do you not like about the project	I do not really understand why it takes long time to deliver the project
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	This meeting taught us good knowledge about the project
What do you like about the project	I like the project in its overall components
What do you not like about the project	I do not have any dislike to raise about the project

	as for now
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting in overall was very informative. Next time, here are couple of improvement suggestions: • the organisers needs to deploy more effort on being on time • invitation goes to the overall population • all invited stakeholders actually attend the meeting • the meeting room and lunch room be separated next time
What do you like about the project	I like the most is the generation from clean and sustainable energy sources
What do you not like about the project	The service delivery needs to be available as soon as possible
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting taught me the different steps of project development in rural electrification project
What do you like about the project	I like three components of the project: the clean energy, the possibility of the diversification of household income and the lighting of the village
What do you not like about the project	The customers education on electricity usage was not sufficient
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting was rich in discussions, explanation was clear, meals were delicious
What do you like about the project	This project will change the local landscape because many new activities will raise from the availability of electricity services

What do you not like about the project	I do not have any dislike to raise
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	This meeting taught me the different steps in rural electrification project and why it takes time to reach commercial stage
What do you like about the project	I like about the project is the fact that the village will light up and more households will have the possibility to diversify their income
What do you not like about the project	I do not have any dislike to raise
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	I understood the electricity from today's meeting
What do you like about the project	I like the project delivering electricity from clean resources and I will leverage partnership with different stakeholders
What do you not like about the project	I do not have any dislike to raise
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting was an opportunity to learn about the project
What do you like about the project	The project will allow families to develop new skills and diversify incomes. Moreover, the students will be able to study late
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The venue was well organised and neat, explanation was clear and answered addressed accurately questions

What do you like about the project	I like particularly the fact that this project will actually being electricity to the village and there is a possibility of payment in instalment for the connections fees
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting was well organised generally. However, the text in the projector seemed to be too small because of the big size of the room which prevented participants to continuously take note from the slides
What do you like about the project	This project delivers the electricity that is central to the development in rural area. Availability of this electricity services will reduce the deforestation. Moreover, it will increase security as well by lighting up the village. Finally, there will also be new job creation
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	This meeting taught me how to control my daily consumption with the electricity
What do you like about the project	This project will bring electricity at my home and my neighbour
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting was well organised: adequate room, delicious meals, high and clear tones of voice, presentation clearly visible, questions correctly answered
What do you like about the project	This project will bring light and that is crucial to be productive and then improve people wellbeing

What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The sounds system was excellent for the room. Presentation and discussions addressed all the details
What do you like about the project	I like with the project the fact that the developer promises to teach us about energy efficiency to lower our electricity bill
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	I am very satisfied during this meeting with Autarsys and atmosfair. I wish this meeting is conducted in public audience to every village
What do you like about the project	I like the crosscutting components of the projects such as consumers education
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	I am satisfied with what I have learnt today. This meeting wiped out all the rumours I heard about the project
What do you like about the project	I learnt about the project today
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	I am satisfied with the meeting as our questions were well answered

What do you like about the project	I like the project as it will improve security and our lives
What do you not like about the project	I do not have any dislike to raise
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	I learnt about the benefit of electricity and light
What do you like about the project	The project will drive growth in the village and help protect our environment
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	I am satisfied with the overall organisation such as the welcoming speech, the respectful discussions so thank you.
What do you like about the project	I like the light, the security. Students will be able to study late and hospital services will be available at night
What do you not like about the project	I do not have any dislike to raise
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	I learnt the details of the project today. I am now convinced that this project will actually help drive development in the village. I am completely satisfied.
What do you like about the project	The project will allow connected households to benefit from electricity services and could potentially create diversified activities
What do you not like about the project	The connection fees and tariff seem high
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting satisfied all conditions for a good meeting. I am satisfied
What do you like about the project	I like the fact that this project will light up Befandriana. The electricity power is sign of development and villagers can develop numerous activities out of it. This will bring jobs and people will be able to improve their livelihood
What do you not like about the project	I suspect a tension between villagers who benefit from this project and those who do not. It will be good if the project can cover the entire territory of the Commune of Befandriana Sud
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting was with high level of respect between audience and presenters. I learnt things from this session
What do you like about the project	This project will drive development and improvement in my village while contributing to the environment preservation. Furthermore, it will reduce my expenditure in diesel Genset to access electricity
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting and explanation were clear and we welcome those types of project which are protecting our environment
What do you like about the project	The most positive point of this project is that it delivers electricity from sun to the villagers. Environment will be preserved
What do you not like about the project	I do not have any dislike to raise about this project
Signature	[Not Signed]

Name	[redacted]
What is your impression of the meeting	The meeting was very and I wish this type of explanation will continue as the project progresses
What do you like about the project	This project is very good for beneficiaries
What do you not like about the project	I do not have any dislike to raise
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	I am very satisfied of the meeting we had today. The venue was well prepared and decorated to reflect the event. Participants were able to ask questions and provide suggestions. All questions were addressed
What do you like about the project	I particularly like the mission of atmosfair, which consists of financing projects that protect environment. Environment protection is the key for development in developing countries like ours. Additionally, this financed project will bring electricity to the village. Lastly, this project presents a good partnership between developers, donors and beneficiary.
What do you not like about the project	[None]
Signature	[Signed]

- The evaluation forms from the LSCs held in Ejeda are reported in below tables

Name	[redacted]
What is your impression of the meeting	The meeting went well. I am satisfied with the presentation and explanation and very thankful to the invitees as well for their participations
What do you like about the project	This project will deliver electricity from sun. That will keep the village clean while accessing to the services at lower tariff. In addition to that, this teaches customers energy efficiency
What do you not like about the project	There was no information about the estimate consumption of typical households in order for us to prepare budget ahead of time

Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	This meeting taught the population about what is economy and the protection of vulnerable families was highlighted
What do you like about the project	The project will not have environmental footprint. I like that. Plus, I also like the fact that there are safeguarding principles and follow up
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	I am completely satisfied with the meeting
What do you like about the project	I most like the preservation of the environment while delivering electricity services
What do you not like about the project	The tariff is still high even though lower than the current diesel generated electricity. The developer should lower the tariff further
Signature	[Signed]

Name	**[Not Given]**
What is your impression of the meeting	A very interesting meeting where I learnt a lot
What do you like about the project	The project does not have negative impact on the environment. Moreover, it will improve households lives within the Commune and teach us how to be efficient in energy usage
What do you not like about the project	The project does not cover the entire territory of the Commune
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting was very good and I learnt new things about the electrification

What do you like about the project	I like the fact that this electricity will be available all the time
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting went well
What do you like about the project	The project is very good initiative and it will sustain the service in the time while preserving avoiding negative impact in the environment
What do you not like about the project	I wish that the Government could have subsidised further the project to lower the tariff
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	This meeting taught me about the developer and atmosfair and the presentation was very clear
What do you like about the project	Here are my likes about the project: • it will deliver electricity to our rural village • electricity will be generated from sun • the payment schemes allow prepaid option with the smart meters • it will not affect our environment • it targets numbers of households
What do you not like about the project	I do not appreciate the fact that the developer did not provide an estimate of a typical household bill so I the suspect it may be higher than the diesel based generation at the end
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting went well and explanation was clear
What do you like about the project	The electricity will be available 24h a day
What do you not like about the project	The tariff is too high for the customers

Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting went very well and it was of the very importance for our community to understand this project.
What do you like about the project	I like all the topics discussed during the meeting
What do you not like about the project	The tariff will be the only issue with this project because not many people will be able to afford the service
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting was satisfying
What do you like about the project	The project will provide the solution to our issue with electricity availability. It will support us to diversify income
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting was very satisfying
What do you like about the project	I like the fact that the project will teach us how to use electricity in an efficient way. This will help families decide to connect and access better life quality
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting went well and explanation was very clear
What do you like about the project	I like the use and purpose of the smart meter, the availability of the service 24h a day, the job

	creation that comes with the project and the fact that it will not affect the environment
What do you not like about the project	I do not have any dislike to raise
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting went very well and explanation was clear. We are satisfied with all the answers to the questions
What do you like about the project	The project generates from sunlight, which does not have any negative impact to our environment. I also appreciate the availability 24h a day of the services.
What do you not like about the project	The tariff will restraint many families to connect as it is high
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting went very well and explanation was very satisfying
What do you like about the project	I essentially like the generation from sunlight that does not affect our environment
What do you not like about the project	I do not like the fact that the power meters are for rent
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting went very well and explanation was clear. We only wish that the local responsible of the project will respect all what we have discussed today
What do you like about the project	[None]
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The explanation was clear
What do you like about the project	The meeting highlighted that the project will bring development and improvement of households lives
What do you not like about the project	[None]
Signature	[Signed]

Name	**[Not Given]**
What is your impression of the meeting	The explanation was clear even though not very satisfying
What do you like about the project	The project will deliver Ejeda from darkness
What do you not like about the project	The tariff needs to be lowered as it is too high
Signature	[Not Signed]

Name	[redacted]
What is your impression of the meeting	The meeting went well and I wish what we have discussed will come a reality
What do you like about the project	I am very satisfied with the improvement that comes with this project
What do you not like about the project	I do not have any dislike to raise
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	Since I was born, this is a first of its kind meeting in term of the stakeholders' information for any projects that have been developed in this village. I am more than happy we made it and it was excellent. I really wish what we discussed today will actually happen
What do you like about the project	All
What do you not like about the project	I do not have any dislike to raise
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The explanation and responses were clear
What do you like about the project	I particularly like the fact that project will not affect negatively the environment. Moreover, the availability 24h of the electricity will support households diversify incomes
What do you not like about the project	I do not have any dislike to raise. I had expected lower price before the meeting but it was explained and I realised I had not actually known the project development
Signature	[Signed]

Name	**[Not Given]**
What is your impression of the meeting	It was clear
What do you like about the project	The project will bring light to Ejeda
What do you not like about the project	The tariff is not affordable to households
Signature	[Signed]

Name	**[Not Given]**
What is your impression of the meeting	Everything was excellent and explanation was very clear
What do you like about the project	The project will last and so is the benefit
What do you not like about the project	The tariff should be decreased
Signature	[Signed]

Name	**[Not Given]**
What is your impression of the meeting	I learnt a lot today
What do you like about the project	The project will drive growth to Ejeda and improve people lives
What do you not like about the project	The tariff should be decreased
Signature	[Signed]

Name	[redacted]

What is your impression of the meeting	The meeting was friendly and presentation was very clear
What do you like about the project	The project embodies energy efficiency training to customers
What do you not like about the project	I do not have any dislike to raise
Signature	[Signed]

Name	**[Not Given]**
What is your impression of the meeting	This meeting was valuable in terms of learning about electricity and energy efficiency
What do you like about the project	The payment schemes and mechanism available to support households to connect will be good for low income families
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	It was a very important meeting
What do you like about the project	The electricity from the sunlight will only help village to grow without impeding to environment resources
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting went very and it was a very good opportunity to brainstorm ideas to sustain and improve the project delivery
What do you like about the project	This project will trigger growth and create more jobs to the village
What do you not like about the project	[None]
Signature	[Not Signed]

Name	[redacted]
What is your impression of the meeting	The meeting was excellent and I wish it will be held every year
What do you like about the project	The project will use cutting edge technologies and smart meters
What do you not like about the project	[None]
Signature	[Signed]

Name	[redacted]
What is your impression of the meeting	The meeting was very satisfying and participants learnt a lot from the explanation and presentation
What do you like about the project	The project is very good initiative for a local development without impeding in the beautiful natural resources of the region
What do you not like about the project	[None]
Signature	[Signed]

C. 2. Pictures from physical meeting(s)



Governor of the Region addressing opening remarks



ANKA Madagascar's CEO presenting their projects (Anakao and Mangily)



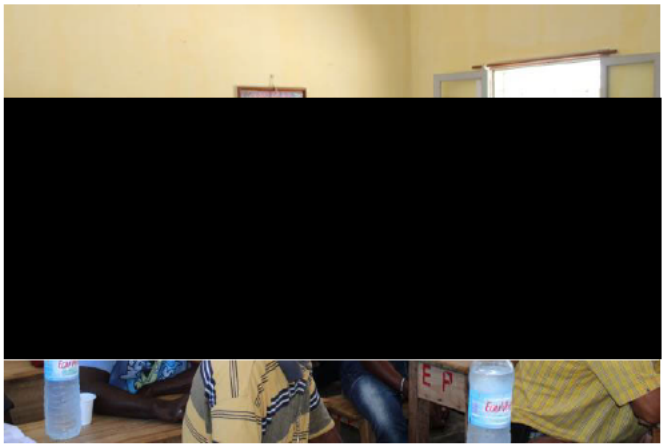
Autarsys Country Manager presenting their projects (Befandriana Sud, Tanandava and Ejeda)



Q&A in Toliary



ANKA's Presentation in Anakao



Q&A in Anakao



Participants in Mangily



SDG Exercise in Mangily



Autarsys's project presentation in Befandriana



Participants group photo



Mayor addressing his remarks in Ejeda



Participants in Ejeda

C. 3. Outcome of consultation process

i. Minutes of physical meeting(s)

Welcoming remarks and presentation of participants:

- For the LSC in Toliary, Norohanitra Nalison started the meeting. She introduced the panel and the participants. After her, Rija Rakotoson, the atmosfair representative, briefly introduced the purpose of the consultation. He was followed by the Governor of the Region South West who reiterated the importance of the projects in terms of development for local communities. He invited stakeholders to participate to all the sub-activities of the event and give their entire support to make the projects happen. Moreover, he stressed the importance of rural electrification from Government perspective
- For the other LSCs, the developers started the session by introducing the participants. Then atmosfair representative introduced the importance of the consultation and the Gold Standard. The Mayors or Deputy Mayors officially opened the meeting.

The projects presentation

- The developers, Anka Madagascar and Autarsys GmbH, opened the presentation with their respective projects. They both explained the context of the projects in the national rural electrification plan of the Government. Then they followed by describing the general steps achieved so far in the project development, the financial mechanism and the Special Purpose Vehicle (SPV). After that, they continued with the technical design and components of each project and their respective particularities. The availability of the service 24h/7 ensured by the lithium-ion storage technology and the smart meters with prepaid options were the major changes introduced by both developers in the rural electrification landscape in Madagascar. At the end, Rija Rakotoson participated by introducing atmosfair and the Gold Standard, conducting the Sustainable Development Goals (SDGs) exercise, the safeguarding principle and the grievance mechanism.

Questions

The questions asked throughout the five LSCs will be reported in this section as queries to the overall project. Many similar questions were asked at the different consultations. They will not be specified as of where they were asked. However, particularities for each specific sites will be reported with mention of the sites or the developers (in bracket).

- **Q1: You all mentioned about the electricity credit in the prepaid system. What is exactly that credit and how can you ensure that customers understand that mechanism at the time they need to make decision?**

  A: The electricity credit will function similarly to phone credit to make call. However, instead of you spend your phone credit by making call, here you spend your electricity credit when you switch on appliances. You can top up your credit at our kiosks any time you run out of credit. We will undergo an important outreach campaign before the commercialisation of the electricity and this will be central to that campaign.

- **Q2: What are the assistance to productive users in your project design?**

  A: Productive uses are vital to the sustainability of our projects. They will benefit from diverse schemes. For instance, we will support them acquire mills and equipment for their projects. In addition to that, they will also have lower tariffs and their connections will be prioritised. Furthermore, we will provide them coaching in entrepreneurship and offer those who accept the coaching a leasing contract to acquire equipment

- **Q3: How much the projects will generate in taxes to the local municipalities to ensure that public lighting are kept on?**[2]

  A: The municipality and the law set the taxes. We will pay them on time and in total. Regarding the public lighting, the municipalities can use another sources of finances different from electricity taxes to ensure such public services. What we can promise is that we will do

[2] This questions was asked in reference to Mangily and Ejeda which have been supplied by a diesel genset operator before. They have installed street lights and people enjoyed them. However, when price of fuel increased a lot, they abandoned the service because customers could not followed the increase. The street lights were also disconnected and Municipalities said that street lights alone cannot support the cost of operation as they pay the service from taxes.

our best, authorised by law. Keeping lights on in many places in collaboration with the municipalities is an important components of our projects.

- **Q4: How do you fixe royalties with those multiple tariff systems and payment mechanisms?**

  A: The law for each electricity sold under the agreed tariffs sets Royalties. The Authority of Regulation of the Electricity (ARELEC) and the Rural Electrification Agency (ADER) are ensuring that we actually charge customers at the tariff agreed with the Government.

- **Q5: To what extent does your project actually tackle climate change at local scale?**

  A: The challenge in the southern part of the country in terms of environmental threats is the firewood. People have tapped to forest to procure wood for their households energy needs. This project will offset some part of these needs by encouraging households to use electrical stove. There are now highly efficient stove in the market that can compete with the firewood. We will support families to access to those appliances.

- **Q6: atmosfair is already paying part of your project capex. Why does the tariff remain high?**

  A: The tariff reflects various expenditure of the investment and operation phase. There are already benchmarks of the electricity and technology tariff available in the world market. Our tariff is acceptably low compared to those benchmarks as we already have received some subsidies from other donors. If we still manage to secure additional subsidies, we can go further in reducing the tariff. For now, those tariffs are acceptable for implementation based on the ability to pay survey we conducted before.

- **Q7: Why is there that much difference between productive use tariff and households (To Autarsys)?**

  A: .Our main objective is to support local skills to grow with the arrival of electricity. By reducing the tariff for productive use at this level, we encourage people to embark in entrepreneurship and develop their own business. We want to ensure that the tariff does not constitute a burden for the development of such local initiatives but rather help stimulate them. As of today, these tariffs are still to be submitted to the regulation office for approval.

- **Q8: How many households did you interview during your willingness and ability to pay survey to conclude these tariffs?**

  A: We both targeted minimum 300 households per sites during the feasibility study when we conducted the ability to pay survey. These tariffs reflect the result of our study.

- **Q9: What happen if the ARELEC does not approved the tariffs?**

  A: Usually, ARELEC does not directly impose tariffs. They usually sit and discussed with the developers when they find tariff too high or low. So we then we will have time to let them know our calculation to reach these results. Only after these processes that ARELEC issue recommendations. At this stage, recommendations will act as obligation and we will follow them.

- **Q10: The tariffs are higher than Jirama's even though Jirama generates from HFO and Diesel. How can you convince customers to buy your electricity?**[3]

  A: First, Jirama's tariff is not cost reflective. The Government subsidises the generation cost of Jirama at approximately 60 to 70 percent. If Jirama sells electricity at actual cost, the tariff would be more than tripled. Rural electrification project does not benefit from that subsidy mechanism form the Government. Secondly, even though Jirama is subsidised at this rate, the services remain unreliable and power outages happen every day. Our projects will generates electricity from the sunlight and will not suffer from primary resources scarcity. Supply will be reliable.

- **Q11: What is your extension plan to serve neighbour villages?**

  A: Expansion is actually in our objective. However, at this stage, our focus remain in the 15 villages listed during the presentation. We would like to dedicate our resources and knowledge in making these current projects happen. We will consider extension of the mini-grid once we have a clear understanding and experience of the consumption pattern of connected consumers.

- **Q12: What about your local staffs to ensure daily management and operation?**

  A: This is of very importance to the sustainability of the project. We will have permanent resources based at each sites to assist you with daily problem or answer your questions about the services. We will have permanent technical and commercial staffs at your villages.

- **Q12: How the prepaid and post-paid really work in reality? Is it allowed to swap between the two of them after some period of experience?**

  A: Our staffs will be based here to advise you on the advantages of each payment mode. Before the connections of customers, we will also have an awareness campaign to introduce them to you. We will do our best to have you understand the systems before making your choice. However, if you still feel the need of changing the payment method afterwards, you are still welcome to come to our local office.

- **Q13: Do the prepaid and post-paid systems apply the same tariff?**

  A: Yes, they do.

- **Q14: When you submitted your bid to ADER during the tender process, did you have an idea of how finance the project? If yes, why has taken that much time?**

  A: At the time we submit a bid, we have an idea of how to finance the project. However, there has been a promise of subsidies from the Government, which has not been made available. Identifying an alternative source of finance to cover this gap has taken very long time.

[3] Even though the remote villages do not have electricity supplied by Jirama, many of them are aware of what urban households pay with Jirama. Some of them may had lived in Jirama served zone before such as local public officers or local businessmen. Some of them have children are moving to Toliary for study after the secondary school to find high school, rent private houses for kids and the parents pay the bills. Or they just have good information about the electricity tariff in Toliary city.

- **Q14: Why we do not have seen any sign of start so far although you say project construction will kick off on January (To Autarsys)?**

  A: Because we have been busy preparing this LSC. Next week, we will have a meeting for the preparation of the kick off.

- **Q15: Will tariff decrease if connections increase?**

  A: Tariff of electricity was calculated based on the capacity of the site to produce. If the connections increase to an extent where upgrade of equipment is require, that will induce additional investment.

- **Q16: How do we know the balance in the prepaid system?**

  A: The system will send regularly a notification about the balance. You can also dial in our number and call as directly or come to our local office and ask the agent.

- **Q17: If I run out of credit, how long time would it take me to be able to re-credit my account?**

  A: It should not take long as you can either top up via mobile money or come to our local office. After payment, the re-activation is instantly.

- **Q18: atmosfair, will you only be there at the beginning or will you follow the project up until the end of 20 years?**

  A: atmsofair will follow the project up until the end.

- **Q19: Is it allow to have a sub-power meter for neighbour who cannot afford connection fees?**

  A: You are not advised to do so as your system is sized to your own consumption pattern.

- **Q20: How much does it cost the connections fee?**[4]

  A: It depends on the distance of your home from the nearest electrical pole and the type of connections that fits your demand. We are able to give you the exact tariff only after survey. Nevertheless, you do not have to worry because we offer option of instalment. You can pay the connection fees in multiple instalment according to your ability to pay.

- **Q21: How to choose between connecting as productive users or not to benefit the lower tariff?**

  A: We will give you advice depending on your project and expected electricity usage.

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

[4] This question was asked to Autarsys in Befandriana. Connection fees are central to the estimation of the CAPEX. So autarsys provided a range of this costs in their business plan. However, depending on the rate and types of connections they can achieve at the beginning of commercial activities, they can allow some tangible discount to boost connections. Therefore autarsys did not announce a specific amount.

audience was interested by other SDGs than the SDGs 7 and 13. The discussion around the impact of the project in job creation related SDG 1, 2, 8 and 9 were very animated. On the social impact of the project, the SDGs 3 drew the highest interest from participants.

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 stated local contact persons were introduced.

Summary of the alterations based on comments

- The biggest concerns of participants were:
  - the electricity tariffs and understanding of the various commercial offers
  - the time that it will take to commission the project and benefit from the electricity services
  - the after sale support if problems happen after the connections

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 project should be rolled out faster to deliver the services as soon as possible	No	Shortening the timeline of the project is not possible as the current version is already very optimistic. The remote of the sites combined with the administrative process that the developers need to undergo make it difficult to change the commissioning date.
Reducing the electricity tariffs	No	The tariffs are based on surveys done in the villages and are accepted by most of the households. The comparison to Jirama's national electric utility tariffs,

Stakeholder comment	Was comment taken into account (Yes/ No)?	Explanation (Why? How?)
		which is much lower, can not be considered, as Jirama's operation is subsidies massively by the government and is just focusing on urban areas. The presented tariffs are the basis for the business plan and project finanincing. Reducing the tariffs will impact the sustainability of the project as that will affect the current optimised business model. Unless the project can secure more subsidies in a short time, the tariffs will be applied as soon as they are approved by the regulators.
The ability of the customers to afford the services may be restrained because of seasonal incomes	Yes	The operators will allow the clients to pay connection fees in multiple instalments. The customers and the operators will agree on the number of the instalment based on their ability to pay and the operator will make the service available after signing of the agreement.
Participants raised concerns about their capacity to familiarise with the new payment plan, multiple tariffs and smart meter technologies to avoid frustration which may lead to disconnections	Yes	The operators will initiative an intensive outreach campaign to introduce the commercial offers to public before the connections starts. They will explain the advantages and disadvantages of the pre-payment versus post-payment, the use of mobile money for payment, the good behaviour for energy efficiency to avoid unexpected bills and how do smart meters work. Their objective is to ensure public have full understanding of the offers and services at the time they have to make a decision.
Local hire of employees	Yes	Recruiting locally is fully integrated in the developers' policies. They 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

Stakeholder comment	Was comment taken into account (Yes/ No)?	Explanation (Why? How?)
		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 would 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 major participants' concerns were articulated around four components of the projects:

- The timeline of the project: they want the project to deliver service earlier than commissioning date. Anka and Autarsys explained that changing the timeline would affect the quality of the services so they are not considering further change. They however, ensured that everything is now set to respect the announced commissioning date.
- The tariffs and connection fees seem too high for customers and they asked for reduction. The developers explained that they would assist the clients with instalment payment to be able to afford the connections and train them as well in how to use electricity in an efficient way. Customers with seasonal variation of income will be offered flexible payment schedule.
- The projects will introduce new devices and technologies that the potential customers are not familiar with so they are afraid that they will not understand the system and get frustrated. This may lead them to disconnect from the mini-grids. The operators explained that they will conduct an important outreach campaign to introduce the technologies and the commercial offers made available for customers. Therefore, clients do not have anything to worry about.
- The last concern raised was related to the local hire. They were afraid that they would not qualify for any jobs at the projects. The developers stressed that the local hires are among

their priorities and they will train the local people. Women and men can compete equally to the openings and they will also be trained equally.

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	No	Women will equally be able to participate in the project as men, and they will equally be able to benefit from the energy	N/A

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
	access to or control of resources, entitlements and benefits?		supply. Jobs created through the project are open to everyone regardless of their gender identity.	
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	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	No	Both women and men in the project households are	N/A

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
	gender roles and the abilities of women or men to benefit from the Project's activities (e.g., Does the project criteria ensure that it includes minority groups or landless peoples)?		encouraged to make use of the provided energy. The project aims to improve the livelihood of the entire 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 and benefits?	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 and men. Discrimination of any kind,	N/A

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
			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 with 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 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 does not expose woman and girls to further risks or hazards.	N/A
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.[5] The project will follow these	N/A

[5] http://www.ilo.org/dyn/natlex/natlex4.detail?p_lang=en&p_isn=96652

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
			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.	
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 include 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[6]. No cultural heritage will be altered by the project. Knowledge, innovations and practices of local communities will not be exploited or commercialised in any way.	N/A
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	No	The project does not require or cause the physical or economic relocation of people.	N/A

[6] 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)
	(temporary or permanent, full or partial)?			
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, Displacement and Resettlement Indigenous People	e) Are indigenous peoples present in or within the area of influence of the Project and/or is the Project located on land/territory claimed by indigenous peoples?	No	Indigenous people will not be affected directly or indirectly in a negative way by the project.	N/A
5- Corruption	None	No	Madagascar accepted the United Nations Convention Against Corruption on 22.09.2004[7]. The project and its	N/A

[7] http://www.unodc.org/unodc/en/corruption/ratification-status.html

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
			participants are not and will not be involved, complicit or contribute towards corruption.	
6 - Economic Impacts Labour Rights	None	No	Madagascar is member state of the International Labour Organization (ILO).[8] 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 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)[9] ILO N°98 (Right to organise and collective bargaining convention)[10]	N/A

[8] http://www.ilo.org/public/english/standards/relm/country.htm

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

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
			ILO N°100 (Equal Remuneration)[11] ILO N°105 (Abolition of Forced Labour Convention)[12] ILO N°111 (Discrimination (Employment and Occupation) Convention)[13] ILO N°138 (Minimum Age Convention)[14] ILO N°182(Worst Form of Child Labour Convention)[15]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	N/A

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

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

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

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

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

[15] 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)
			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 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 diesel generators that would have been installed 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 fed in to the local mini-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	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 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)
	flow 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 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 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 photovoltaic systems for electricity generation.	N/A
3 - Environment, ecology and land use Vulnerability to Natural Disaster	b) Will the Project be susceptible to or lead to increased vulnerability to wind, earthquakes, subsidence, landslides, erosion, flooding, drought	No	The project does not have any influence on prevailing land or water use patterns. The project's focus is on the installation of a photovoltaic systems for electricity generation from which no negative influence on increased	N/A

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
	or other extreme climatic conditions?		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 photovoltaic systems for electricity generation.	N/A
3 - Environment, ecology and land use Release of pollutants	d) Could the Project potentially result in the release of pollutants to the environment?	No	The project aims at generating electricity from the sunlight using a photovoltaic technology. No pollutants are released in the project scenario, which could affect the air or water quality in the project area.	N/A
3 - Environment, ecology and land use	e) Will the Project involve the	Yes	Li-Ion Batteries are implemented within the	N/A

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
Hazardous and non-hazardous waste	manufacture, trade, release, and/ or use of hazardous and non-hazardous chemicals and/or materials?		energy storage system (EES). Improper handling, exposure to high temperatures and physical stress can affect battery cells negatively, which can subsequently cause a thermal runaway. Therefore the batteries are fixed installed in the EES container and are protected from physical stress and high temperature (cooling system installed). As overcharging and deep discharging are major factors that can trigger thermal runaways, the ESS controls the charging cycles. PP used high quality battery cells. The ESS supplier agreed to take back the batteries after usage and to take over the recycling process.	
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 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	N/A

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
			of photovoltaic systems.	
3 - Environment, ecology and land use Food	h) Does the Project modify the quantity or nutritional quality of food available such as through crop regime alteration or export or economic incentives?	No	The project is not related to food production, food supply or nutrition in any way and thus does not have any influence on the mentioned factors. The project's focus is on the installation of photovoltaic systems for electricity generation.	N/A
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 focuses on the installation of 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	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	N/A

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
	through the area)?		plant will be installed on a mounting 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 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

>>

SDG	Positive/Negative/Neutral	Justification
1 - No poverty	Neutral	People will be able to generate diversified incomes with the electricity. But as the outcome is not measureable, the SDG is set to neutral.
2 - Zero hunger	Neutral	Project has no direct impact on this SDG
3 - Good health and well being	Neutral	An improvement in the health care is expected, but as the outcome is not measureable, the SDG is set to neutral.

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	Mechanism to incentivise productive uses of electricity contributes to development of local industries and innovation. But as the outcome is not measureable, the SDG is set to neutral.
10 - Reduced inequalities	Neutral	Project has no direct impact on this SDG
11 - Sustainable cities and communities	Neutral	Project has no direct impact on this SDG
12 - Responsible consumption and production	Neutral	Project has no direct impact on this SDG
13 - Climate action	Positive	Mini-grids generate their electricity from clean sources (solar energy) and such avoids the usage of Diesel.
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	Neutral	Project has no direct impact on this SDG

institutions		
17 - Partnership for the goals	Neutral	Project has no direct impact on this SDG

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
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 do not 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	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

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
	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)?			
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 the Project's activities (e.g., Does the project criteria ensure that it includes minority groups or landless peoples)?	No	Both women and men will benefit from the provided energy.	N/A
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	No	The project's main purpose is to generate electricity from clean resources. Therefore, no greenhouse gases will be generated from the sites.	N/A

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes / potentially / no)	Justification	Mitigation measure (if required)
	Scenario?			
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 mini-grids 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 municipalities and allow households to diversify incomes with a productive use of the electricity
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. The consultation rates as well will improve, as the healthcare centres can stay open after the sunsets.
4 - Quality education	Neutral	The project will not bring tangible improvement in the education system
5 - Gender	Neutral	The project will not have a sensible impact on gender equality

6 - Clean water and sanitation	Neutral	The project will not have a sensible impact on clean water supply or sanitation
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
8 - Decent work and economic growth	Positive	The project will hire from local communities and hired staff will be paid at a decent salary rate.
9 - Industry, innovation and infrastructure	Positive	The project will substantially support productive uses of the electricity. That is believed to promote local small factories and family business by making electricity reliable and affordable at least 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	Neutral	The project will not have a sensible impact on this SDG 12
13 - Climate action	Positive	The project will not emit GHG during the its lifespan.
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	Neutral	The project will not have a sensible impact on this SDG 16
17 - Partnership for the goals	Neutral	The project will not have a sensible impact on this SDG 17

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 even more SDGs were considered 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. 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. Asking the operators about the evolution of numbers of the productive users
2 - Zero hunger	Asking the fish-shops and vegetables sellers
3 - Good health and well being	Asking the health centres if their electricity availability have been improved and if that have helped them increase quality of services
4 - Quality education	N/A
5 - Gender	N/A
6 - Clean water and sanitation	N/A
7 - Affordable and clean energy	Track with the operators about the amount of electricity generated from clean and renewable resources and the evolution of connections rate
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 Mayor office and match with the number of productive users figures from the operators
10 - Reduced inequalities	N/A
11 - Sustainable cities and communities	N/A
12 - Responsible consumption and production	N/A
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	N/A
17 - Partnership for the goals	N/A

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**
Continuous	Locations:	The grievance expression process

Input and Grievance Expression Process Book	Location 1: Anka Madagascar Anakao Location 2: Anka Madagascar Mangily Location 3: Autarsys GmbH Befandriana Sud Location 4: Autarsys GmbH Ejeda • Grievance and warranty report forms • Grievance register book	book will be made available in Anka's and Autarsys's sites. The templates for the comments will be available in French and in Malagasy. Entries will be checked by Larrio Randriamanantena on behalf of Anka and Angelina Nirianasoa on behalf of Autarsys
Telephone access	• Anka Madagascar: Larrio Randriamanantena +261 34 20 710 05 • Autarsys GmbH: Roland Rakotomanga +261 34 10 294 06 • atmosfair: Rija Rakotoson: +261 340273671 (Malagasy and French) • atmosfair: Nele Erdmann: +49 (0) 30 1208480-63 (English) • The Gold Standard Foundation +41 (0) 22 788 7080 (English)	Stakeholders can reach project staff members who speak French and in Malagasy via the given phone numbers. 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	**Project developers contacts:** • Anka Madagascar: Larrio Randriamanantena larrio.r@go-anka.com • Autarsys GmbH: Roland Rakotomanga rlouisroland@gmail.com **atmosfair:** • Rija Rakotoson: rijrak@gmail.com (Malagasy and French) • Nele Erdmann: erdmann@atmosfair.de (English) Gold Standard: info@goldstandard.org	Stakeholders who have an email account can directly write their comments to Anka and Autarsys at the two first email addresses, Or can get in touch with atmosfair and the responsible person for the project, Or with the Gold Standard office in Geneva.

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

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.

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