



REF: 20/061

March 26th, 2020

Dear Mr. Inoue,

In accordance with the provisions of the agreement signed on 13th of December 2017 between the Government of Japan and the United Nations Development Program (UNDP), please find attached the annual narrative and financial reports of the project entitled "Project for the Improvement of Rural Electrification and Women Empowerment" for the year 2019.

In 2019, the main results were: (1) the validation of the final report of the pre-feasibility study for the development of electrical micro-networks in 30 municipalities in Haiti, (2) the selection, via the project's Steering Committee, of the 3 sites benefiting from 3 hybrid microsystems of rural electrification based on renewable energy, (3) the signing of the engineering contract, the design and development of technical specifications for the construction of the 3 hybrid electrification microsystems, (4) the publication of the public tender for the construction of 3 electrical distribution micro-grid in the municipalities of Capotille, Vallières and Mont-Organisé.

The total expenditure amount in 2019 was \$544,741.44 US dollars, the details of which are available in the financial report.

In 2020, the project plans to achieve the following: (1) Signing of the contract for the construction of 3 electrical distribution micro-networks in the municipalities of Capotille, Vallières and Mont-Organisé, (2) Validation of the engineering and publication of tender for the construction of 3 micro solar hybrid power plan, (3) Signing contract and start construction for the 3 solar hybrid power plant for the 3 communities, (4) Provisional delivery of the electrical distribution micro-grid for the 3 communities, (5) Training and reinforcement workshops for 30 community-based organisations made up of at least 50% women and (6) Finalization of the report categorizing potential generator activities to be implemented by the availability of electricity in the 3 municipalities.

Once again, I take the opportunity to thank you for Government of Japan's support for the realization of this important project for Haiti and I remain at your disposal for any further information that you may require.

Sincerely,

A handwritten signature in black ink, appearing to read 'Fernando Hiraldo'.

Fernando Hiraldo
Resident Representative

Mr. Taisel INOUE
First Secretary
Japan Embassy in Haiti
Hexagone 2 F,
Angle rues Clerveaux et Darguin,
Pétion-Ville (Haiti - W.I.)



2019 Annual Report

Rural Electrification and Empowerment of Women Project (ERAF)

Funded by the Government of Japan

January - December 2019

Abbreviations list

AMI	Appel à Manifestation d'Intérêt. Call for expressions of interest.
ANARSE	Autorité Nationale de Régulation du Secteur Energie National Energy Sector Regulatory Authority
BME	Bureau des Mines et Énergie Bureau of Mines and Energy
BNEE	Bureau National d'Evaluation Environnemental National Environmental Assessment Office
COPIL	Comite de Pilotage Steering committee
CE-MTPTC	Cellule Energie du Ministère des Travaux Publics Transport et Communication Energy Unit of the Ministry of Public Works Transport, Communication
CEAC	Coopérative Electrique de l' Arrondissement de Coteaux Coteaux District Electric Cooperative
DG	Directeur Général General Director
Ed'H	Électricité d'Haïti Electricity of Haiti
EIE EIA	Evaluation Impact Environnemental Environmental Impact Assessment
ER	Energie Renouvelable Renewable Energy
ERAF	Électrification Rurale et Autonomisation des Femmes Rural Electrification and Empowerment of Women
KW	Kilowatt
MARNDR	Ministère de l'Agriculture et des Ressources Naturels et du Développement Rural Ministry of Agriculture and Natural Resources and Rural Development
MDE	Ministère de l'Environnement Ministry of Environment

MEF	Ministère de l'Economie et des Finances Ministry of Economy and Finance
MPCE	Ministère de la Planification et de la Coopération Externe Ministry of Planning and External Cooperation
MTPTC	Ministère des Travaux Publics Transport, Communication Ministry of Public Works Transport, Communication
MSU	Management Support Unit Management Support Unit
OCB	Organisation Communautaire de Base Basic Community Organization
ODD	Objectif de Développement Durable Sustainable Development Goal
OLADE	Organisation Latino-Américaine d'Energie Latin American Energy Organization
OAAM	Oganizasyon Ann Avanse Montòganize
ONG	Organisation Non-Gouvernementale Non-Governmental Organization
SIGORA	Electricity company provider
SGP/GEF	Small Grant Program / Global Environment Facilities
PGES	Plan de Gestion Environnemental et Social
ESMP	Environmental and Social Management Plan
PME	Petite et Moyenne Entreprise
SME	Small and medium-sized enterprise
PNUD	Programme des Nations-Unies pour le Développement
UNDP	United Nations Development Program
RD	République Dominicaine Dominican Republic
TDR	Termes de Références Reference terms

Basic project information

Project title:	Rural Electrification and Empowerment of Women
Project Number:	00104020
Implementing partner 1:	Ministry of Public Works Transport and Communication (MTPTC)
Responsible Parties	Ministry of Public Works Transport and Communication (MTPTC), United Nations Development Program (UNDP)
Method of implementation	National Implementation Method
Place of Intervention:	Northeast Department (Municipalities of Capotille, Vallières and Mont-Organisé).
Starting date:	January 2018
Ending date:	December 2022
Benefit for Country Program	National, regional and local institutions as well as civil society improve the management of urban and rural areas, agriculture and the environment, as well as prevention and risk reduction mechanisms, in order to improve the resilience of people from natural disasters and climate change.
Country Program Product	Mechanisms and partnerships are put in place to promote sustainable production, distribution and consumption patterns.

Total resources required:	US\$ 5,490,612.82	
Total resources allocated:		
	Donor: Japan	US\$ 5,490,612.82
To finance:	0	

¹ Note : The term "Implementing Partner" can also be understood as "Implementing Partner" or "Implementing Partner".

1- Implementation context

Following assessment visits of the feasibility of activities and on the basis of the recommendations of the 2019 steering committee, the ERAF project is now focusing on the North-East department, particularly in the municipalities of Capotille, Vallières and Mont-Organisé for the implementation of 3 hybrid electrification systems based on photovoltaic solar energy, while promoting economic development and the women's empowerment. The socio-political unrest that the country experienced during the year 2019 had considerable impacts on the implementation of project activities; on the one hand in the conduct and monitoring of field activities in the target communes and on the other hand in strategic planning and in the organization of exchange meetings with national implementing partners as well as other actors in the energy sector. Several field and monitoring missions were canceled as well as meetings and workshops were postponed to later dates, and the project team experienced difficult working days under strong political and security pressure during this year.

Despite this uncertain situation, the project has developed a productive collaboration with the main partners (CE-MTPTC, ANARSE, Ed'H, BNEE ...) to ensure the progress of project activities.

- With Ed'H, the project has developed a very technical collaboration in the development of plans, construction standards and limits of the electrical distribution micro-networks in the three (3) municipalities.
- With the BNEE, collaboration has focused on the review of EIAs and ESMPs, for the verification and validation of environmental data.
- With CE-MTPTC and ANARSE which are the main partners, meetings and exchanges took place regularly on the project implementation strategy, the monitoring of the set result indicators as well as the review of engineering studies, of specifications for the construction of energy infrastructure.

The steering committee meeting held between donors, on March 13, 2019 at the CE-MTPTC office UNDP and representatives of the various partners made it possible to recommend a new direction for the project that took into account the government's concerns in terms of current energy policy. In May 2019, an official correspondence signed by the Minister of the MTPTC was sent to the UNDP in order to validate these new orientations underlined during the COPIL. These directives have been described as follows:

- Establish micro-networks in the city centers of the three municipalities (Capotille, Vallières and Mont-Organisé) instead of a communal section / dwelling or community grouped together for a greater socio-economic impact.
- Mobilize additional resources for the creation of an additional micro-network in the municipality of Carice, due to the proximity of Carice with the target municipalities; and as the link between the inhabitants of these municipalities can generate serious protests and socio-economic problems and political if no plan is established to electrify Carice.

- Speed up the tendering process in order to finalize the construction of micro-networks in the 3rd quarter of 2020.

- Involve the competent private operators in the long-term management of micro-networks in place of community cooperatives as initially planned.

In order to take these new decisions into account, the project team, together with the implementing partner, carried out a substantial review of the project, its redistribution of resources, its implementation strategy and the new expected results.

These new directives entail on the one hand, the addition of new activities to be implemented and the cancellation of certain tasks which are no longer relevant and on the other hand, a redistribution of the overall budget which becomes insufficient to satisfy the desired actions and / or validated in COPIL. In order to address this situation, other possible avenues would be explored by the UNDP in collaboration with the MTPTC for the mobilization of additional funds.

2- Links with UNDP Program Priorities and Government Priorities

In the Haiti Strategic Development Plan (PSDH), the government is committed to making Haiti an emerging economy by 2030. In this sense, energy becomes one of the priorities of the President Jovenel Moïse administration.

The government's current energy policy aims to undertake work to strengthen and expand the national electricity network through production, distribution and marketing activities within ten (10) large regional networks covering the 16 large existing consumption centers. As a result, 51 cities have been prioritized by the government for concessions with the private sector or for distribution and marketing operations by EDH. The government has 14 priority municipalities, remote and vulnerable in many ways, whose operation may not be of interest to the private sector because of the low possibility of profitability and economic viability. It is necessary to look for other alternatives with other existing funding.

The articulations and alignments of the project with the government's energy policy are very clear. The ERAF project aims to provide access to electricity to remote rural communities across the country through hybrid micro-systems of renewable energy electrification. Three municipalities have been retained jointly with CE-MTPTC and ANARSE for the installation of electrical infrastructure. In this perspective, the project aims, among other things, at electrifying at least 2000 households, at supporting fifteen (15) activities of productive use of electricity and / or income generator, and ensuring the capacity building of 30 basic Community Organizations (OCB) and acts to have at least a long-term management partnership for the electrification microsystems put in place.

3- The progress of project activities

Below are the key activities of the project during the year 2019:

- **Steering Committee (COPIL):** During the COPIL held on March 13, 2019, the new directives mentioned above were prioritized in particular by the MTPTC on the dimension and prioritization of the activities planned at the start of the project.
- **Final choice in COPIL of the 3 sites benefiting** from 3 hybrid microsystems of rural electrification based on renewable energy. (March 2019)
- **Receipt of the final report of the pre-feasibility study for the development of electrical micro-networks in 10 municipalities in Haiti:** This document received in March 2019 provides an overview of the development of electrical micro-networks in Haiti. The document provides recommendations for the implementation of electrification systems based on renewable energy on the 10 municipalities that are finally classified according to the established criteria.
- **Publication of public tender for the design and engineering** of three (3) hydride rural electrification microsystems based on photovoltaic solar energy in the 3 target municipalities of the ERAF project (Capotille, Vallières and Mont-Organisé, April 2019).
- **Development and Validation by the Minister of MTPTC of the substantive revision of the project (June - July 2019).**
- **Signing of the engineering contract, design and development of specifications** for the construction of the 3 hybrid electrification microsystems: Electric distribution micro-networks and Hybrid micro-plants based on Photovoltaic Solar energy (July 2019).
- **Forum on the implementation of SDG 7**, in July 2019, with Quisqueya University (UniQ) as implementing partner, under the financing of the UNDP, a Forum on the current situation and the implementation of SDG 7 in Haiti has been organized.
- **Recruitment of a national consultant for a diagnostic and organizational capacity building of 30 OCBs** made up of more than 40% women in the target communities of the project. 10 OCBs per municipalities. (September 2019).
- **Publication of the public tender for the construction of 3 electrical distribution micro-networks** in the municipalities of Capotille, Vallières and Mont-Organisé. (September 2019).
- **Monitoring, verification and support field mission.** (Please see Mission report in the appendices)
- **Organization of communication meetings and awareness raising** around the project in the respective communities

These tables summarize the different activities organized by components carried out including the differences due to socio-political and security situations and described in the previous paragraphs. A projection was made in January 2020 to close the gaps.

Monitoring of the implementation of the ERAF project. January - December 2019

Planned Activities	Completed tasks January - December 2019	Deviation from achievement	Projection
Component 1: Capacity building for inclusive planning and monitoring and equitable decentralized energy services			
1.1: Organizational capacity building of OCBs, taking into account gender equality	<ul style="list-style-type: none"> • Consultation for a diagnosis and capacity building of 30 OCBs in the target communities of the project. 10 OCBs / municipalities. • 5 Training modules developed as part of the capacity building program 	<ul style="list-style-type: none"> • Training workshop for the benefit of OCBs 	<ul style="list-style-type: none"> • Training and reinforcement workshops for 30 OCBs made up of at least 50% women
1.2: Awareness raising including seminars, communication campaign around project activities	<ul style="list-style-type: none"> • Recruitment of 6 community mobilizers. 2 / municipalities. • Training for 6 community workers in concert with MCFDF. • Awareness-raising meeting with different groups (notables, elected officials, young people, women's association) in their respective communities. 	<ul style="list-style-type: none"> • Development and implementation of physical communication supports including key information on the project 	<ul style="list-style-type: none"> • Design of advertising posters for the project which will be installed in strategic locations in the respective municipalities.
1.3: Exchange visits and sharing of experiences on renewable energy-based electrical micro-grids	<ul style="list-style-type: none"> • Technical Exchange Mission with developers of mini networks (SIGORA) in the North-West and CEAC and ENEJI PWOP (EarthSpark) in the South • 2019 Steering Committee and finalization of the substantive review of the project. • ODD7 awareness and promotion forum in Haiti: Clean and affordable energy. 	<ul style="list-style-type: none"> • Workshop on the Public-Private Partnership (PPP) approach for the management of long-term electrical micro-grids 	<ul style="list-style-type: none"> • Finalization of the scoping note on the PPP approach and planning of the workshop under the directive of the CE-MTPTC.

Monitoring of the implementation of the ERAF project. January - December 2019			
Planned Activities	Completed tasks January - December 2019	Deviation from achievement	Projection
Component 2: Construction of rural electrification systems based on renewable energy			
2.1: Identifications of target communities and sites for the construction of micro-plants	<ul style="list-style-type: none"> • 3 Communes were confirmed out of a total of 10 following the pre-feasibility study for the implementation of project activities. • Acquisition, Verification and surveying of spaces for the construction of solar micro-plants. 	<ul style="list-style-type: none"> • None 	<ul style="list-style-type: none"> • Completed
2.2: Realization of the engineering and design of microsystems including environmental impact studies and ESMPs	<ul style="list-style-type: none"> • Engineering / design for the construction of electrical distribution networks including EIAs. • Engineering for the construction of hybrid Photovoltaic (PV) power plants (in finalization) • Environmental impact study including ESMPs on the construction and operation of electrification microsystems (in finalization). 	<ul style="list-style-type: none"> • Final engineering for the construction of hybrid PV power plants including EIAs and ESMPs • Publication of AOs for the construction of hybrid PV power stations 	<ul style="list-style-type: none"> • Finalization of the last two deliverables: Design, specifications and price schedule for micro PV plants. EIA and ESMP of microsystems for the 3 municipalities. • Publication of AO construction of 3 hybrid PV micro-plants.
2.3: Construction of electrical distribution micro-networks and solar production micro-plants.	<ul style="list-style-type: none"> • Publication of invitation to tender for the construction of 3 electrical distribution networks in the municipalities of Vallières, Capotille and Mont-Organisé. Deadline for receipt of tenders: November 15, 2019 • Evaluation of tender for construction of electrical distribution networks in the 3 municipalities 	<ul style="list-style-type: none"> • Publication of the call for tenders for the construction of the 3 PV micro-plants • Start of construction of electrical networks • Start of construction of PV micro-plants 	<ul style="list-style-type: none"> • Signing of contracts for the construction of electrical distribution networks in the 3 municipalities. • Publication of the call for tenders for the construction of the 3 PV micro-plants

Monitoring of the implementation of the ERAF project. January - December 2019

Planned Activities	Completed tasks January - December 2019	Deviation from achievement	Projection
Component 3: Support to communities in the efforts of productive use of electricity by promoting the development of SMEs and women's leadership			
3.1: Subsidy for community projects that promotes the empowerment of women.	<ul style="list-style-type: none"> Acceptance and review of a community project submitted by OAAM as part of an AMI carried out in synergy with the SGP project. 	<ul style="list-style-type: none"> Preparation of the document: Standard Grant agreement for the financing of the community project. 	<ul style="list-style-type: none"> Finalization of the document: Standard Grant agreement for the financing of the community project. Identification of other community projects that could be the subject of funding.
3.2: Activities developed to generate income	<ul style="list-style-type: none"> Identification of the main local resources existing in the communities. 	<ul style="list-style-type: none"> Categorization of potential income-generating activities by the availability of electricity. 	<ul style="list-style-type: none"> Finalization of the report categorizing potential generator activities to be implemented by the availability of electricity in the 3 municipalities.
3.3 Establishment of micro-enterprises and one-person businesses in support of women	<ul style="list-style-type: none"> Pre-Identification of the main SMEs existing in communities managed mainly by women or a women's association 	<ul style="list-style-type: none"> Proposal of one-person SMEs to support women. 	<ul style="list-style-type: none"> Pre-validation and final listing of potential single-person SMEs managed mainly by women or women's associations to be subsidized.

4- Results framework

COMPONENTS	PRODUCT INDICATORS ²	DATA SOURCE	BASELINE		Results	Target	Results
			Value	Year	Last year 2018	Year 2019	Year 2019
Component 1: <i>Capacity building at central and local level for inclusive and equitable planning, management, monitoring and control of decentralized energy services</i>	1.1 Number of training sessions on management models and control of energy services conducted at central, departmental and municipal level	Project	0	2017	6	10	16
	1.2 Number of cooperatives and community organizations reinforced bases for the implementation of micro-projects and the implementation of business models (disaggregated by type of cooperative / organization)	Project	0	2017	0	5	0
	1.3 Number of organizations informed about the requirements of systems and network maintenance services (disaggregated by gender of business owner or manager)	Project	0	2017	0	5	30
	1.4 Number of women trained in entrepreneurship and business management	Project	0	2017	0	100	0
	1.5 Number of communes or communal sections with electrification plans in place	municipality	0	2017	0	3	3
Component 2 : <i>Construction and sustainable management of three rural electrification microsystems</i>	2.1 Number of rural electrification microsystems built	municipality	0	2017	0	1	0
	2.2 Number of partnerships / contracts in place for the construction and management of micro-networks	municipality	0	2017	1	2	2
	2.3 Number of civil society groups (including women's groups) consulted in planning for construction and connections	municipality	0	2017	20	20	40

Component 3: <i>Strengthening communities in efforts to create SMEs by emphasizing the productive use of electricity, economic development and the leadership of women</i>	3.1 Total number of families benefiting from electricity in the targeted areas	<i>Project</i>	<i>0</i>	<i>2017</i>	<i>0</i>	<i>0</i>	<i>0</i>
	3.2 Number of micro and one-person businesses set up (disaggregated by gender of business owner or manager)	<i>Municipality</i>	<i>0</i>	<i>2017</i>	<i>0</i>	<i>5</i>	<i>0</i>
	3.3 Number of direct and indirect jobs benefited by the population (disaggregated by sex of employee recruited)	<i>Project</i>	<i>0</i>	<i>2017</i>	<i>0</i>	<i>30</i>	<i>6</i>
	3.4 Existence of an operator / developer of microsystems management and fund recovery	<i>Municipality</i>	<i>0</i>	<i>2017</i>	<i>0</i>	<i>0</i>	<i>0</i>

COMPONENTS	PLANNED ACTIVITIES	Results Obtained	Responsible Party	Comments
		A1		
Component 1: Capacity building at central and local level for inclusive and equitable planning, management, monitoring and control of decentralized energy services <i>Gender marker: Capacity building considering gender equality.</i>	1.1 Activity: Identification and evaluation of grassroots community organizations as part of the OCBs organizational capacity building program	30 OCBs have been identified and evaluated in the target municipalities of the project, including 10 by municipalities.	UNDP - Consultant	Completed
	1.2 Activity: Development of the OCBs organizational capacity building program	5 training modules were developed by the consultant according to the needs identified in order to strengthen their capacity.	UNDP - Consultant	Completed
	1.3 Activity: Implementation of the capacity building program for the benefit of 30 OCBs in the target municipalities of the ERAF project	Practical training around the 5 modules developed will be organized	Consultant	To be closed in February 2020
	MONITORING			
Component 2: Construction and sustainable management of three rural electrification microsystems	2.1 Activity: Engineering / design for the construction of electrical distribution networks including the EIAs of the 3 municipalities.	3 designed electrical distribution micro-networks including specifications and an ESMP for the 3 respective municipalities	UNDP – Ed'H – ANARSE – CE-MTPTC	Completed
	2.2 Activity: Engineering for the construction of the 3 hybrid PV power plants.	2 micro PV hybrid power stations have been designed including the specifications and price schedule for 2 of the 3 municipalities	CE-MTPTC – Consultant - UNDP	Completed
	2.3 Activity: Environmental impact study including ESMP on the construction and operation of electrification microsystems	3 EIAs including an ESMP for the 3 target municipalities of the project	Consultant	Completed
	MONITORING			
Component 3: Strengthening communities in efforts to create SMEs by emphasizing the productive use of electricity, economic development and the leadership of women <i>Gender marker: Recruitment and strengthening of 6 community-mobilizing agents with 60% women.</i>	3.1 Activity: Recruitment of community workers in the target communities of the project	6 community workers were recruited at the rate of 2 workers per commune	UNDP	Completed
	3.2 Activity: Training for community agents for mobilization and awareness	The 6 community workers were trained on communication and awareness around the project	UNDP	Completed

5- Challenges

During this year, the Project encountered numerous obstacles impeding progress towards results' achievement; the next section lists the main problems, the reasons for these obstacles and the measures taken to overcome them:

- **Changes at the level of the key personnel of the partners:** The changes of focal points and / or representatives at the level of the partner institutions of the project causes delays in the progress and / or validation of certain activities of the project. Thus, the National Coordinator solely validated certain activities in accordance with the UNDP project team.
- **Difficulty at the level of the MTPTC to choose the responsible for validating the partner's expenses (FACE Form):** Budget lines planned for the MTPTC were therefore transferred to ATLAS on the UNDP expenditure lines so that the payments of certain deliverables are released
- **Socio-political troubles (locked country):** Because of the instability of the political and security situation in Haiti, we had to work at home for several weeks and sign certain documents remotely whose procedures allow it during the year 2019.
- **Change in strategy and expected results:** A substantial review took place following the decisions taken by the Steering Committee resulting in changes in the implementation strategy as well as the expected results of the project. It was necessary for all stakeholders to take ownership of these changes in order to adjust this new understanding of the project.

6- Lessons learned

It is important to carry out technical feasibility studies before starting the project in order to better align the objectives and strategies of the project with the directives prescribed by the authorities in order to avoid disturbing the life cycle of the project as well as the multi-year plan defined.

7- Conclusions and Recommendations

The ERAF project is evolving in a particularly favorable context given the emergence and promotion of communal micro-networks by the central government. We take advantage of this Momentum so that the institutions concerned can benefit as much as possible from the strategy and knowledge generated by the project while respecting the administrative procedures including budget management and procurement processes.

The implementing partner needs to be more involved in the direct execution of certain activities for which budget lines have been set aside.

To promote ownership of the project, the project document was formulated from the outset with the help of stakeholders. The project was designed in a participatory manner to ensure significant input from stakeholders and is implemented in such a way as to ensure their full participation in all aspects of implementation, including monitoring and evaluation.

Consultations and participatory exercises were carried out within the framework of the project in order to ensure the appropriation and continuous evaluation of local populations and stakeholders. The main target groups are municipalities and grassroots community organizations.

During these two years (2018 and 2019) of project implementation, consultations with the population and the town halls ensured established community participation; special attention is given to promoting the active participation of women and other marginalized groups. UNDP will ensure that stakeholders who participate in monitoring all project activities benefit of the shared knowledge.

The project has already generated specific knowledge-related products such as environmental and social impact studies, pre-feasibility, design and engineering studies, training modules to strengthen the organizational capacity of the target OCBs, the basics data from OCBs and people contacted, media products, site and beneficiary mapping and electrification plans. The project should ensure greater visibility of knowledge management activities and lessons learned through effective communication, video montages, success stories and radio and TV broadcasts so that communities and all stakeholders can better understand the scope impacts of the project in the future.

APPENDIX

- Financial report

Project ID and Title: 00105750 Project of Rural Electrification and Women Empowerment
Annual Financial Report -- January to December 2019

Description	Total budget	Prior Years	Year 2019	Cumulative	Balance
Resources					
Other contributions	\$ -	\$ -	\$ -	\$ -	\$ -
Contributions received in 2019	\$ -	\$ -	\$ -	\$ -	\$ -
Contributions of LINDP-ITRAC in 2019	\$ -	\$ -	\$ -	\$ -	\$ -
Total of contributions received	\$ 5,490,912.82	\$ -	\$ -	\$ 5,490,912.82	\$ 5,490,912.82
Contributions receivable	\$ -	\$ -	\$ -	\$ -	\$ -
Total of contributions	\$ 5,490,912.82	\$ -	\$ -	\$ 5,490,912.82	\$ 5,490,912.82
Contributions used					
	\$ -	\$ -	\$ -	\$ -	\$ 912,692.25
Actual balance					\$ 4,577,919.48
Execution					
1.1 Strengthening and assessment of the processes	\$ 94,112.48	\$ 18,018.00	\$ -	\$ 10,018.00	\$ 43,094.48
1.2 Capacities strengthening, taking into account gender equity	\$ 445,608.50	\$ 22,848.17	\$ 114,864.20	\$ 132,112.40	\$ 387,897.62
1.3 Design and implementation of awareness campaigns	\$ 114,808.80	\$ 11,840.75	\$ -	\$ 11,840.75	\$ 100,000.00
Activity 1: Network and local capacities for inclusive and quality planning, management, monitoring and control of decentralized energy services are strengthened	\$ 654,529.78	\$ 52,706.92	\$ 114,864.20	\$ 153,971.15	\$ 486,896.83
2.1 Pre-identification of sites and conduct of feasibility and environmental impact studies	\$ 462,000.00	\$ 24,050.35	\$ 210,057.55	\$ 234,098.20	\$ 227,901.80
2.2 Implementation of basic power plants under the supervision of the project's partners	\$ 2,200,190.98	\$ -	\$ -	\$ -	\$ 2,200,190.98
2.3 Support to the construction of the needed physical infrastructure	\$ 140,000.00	\$ -	\$ -	\$ -	\$ 140,000.00
2.4 Communication on and visibility of the interventions	\$ 100,000.00	\$ -	\$ -	\$ -	\$ 100,000.00
Activity 2: Construction and management of six energy communities by village committees	\$ 2,902,190.98	\$ 24,050.35	\$ 210,057.55	\$ 234,098.20	\$ 2,674,042.78
3.1 Creation of 20 permanent jobs in the field of services management for the generation and distribution of electricity	\$ 190,000.00	\$ -	\$ 7,947.73	\$ 7,947.73	\$ 182,052.27
3.2 Income generating activities developed to improve the quality of life	\$ 200,000.00	\$ -	\$ -	\$ -	\$ 200,000.00
Total Activity 3: Supported & strengthened communities	\$ 390,000.00	\$ -	\$ 7,947.73	\$ 7,947.73	\$ 387,000.00
Human Resources					
Audit and Evaluation	\$ 748,540.00	\$ 180,208.08	\$ 125,757.47	\$ 306,000.00	\$ 472,579.07
Office and other costs	\$ 55,900.00	\$ -	\$ -	\$ -	\$ 55,900.00
Facilities & Administration	\$ 200,704.42	\$ 48,349.35	\$ 45,813.47	\$ 94,162.82	\$ 110,800.61
Total (development, human resources, cost of maintenance of the office)	\$ 1,005,144.42	\$ 228,557.43	\$ 271,570.94	\$ 399,162.82	\$ 605,913.23
Total Execution	\$ 5,495,277.25	\$ 295,871.85	\$ 394,733.04	\$ 538,612.42	\$ 4,804,702.93
Acquisitions					
Assets and Equipments	\$ 80,235.57	\$ 84,896.50	\$ 81,431.24	\$ 84,080.52	\$ 340.04
Depreciation	\$ -	\$ -4,404.79	\$ -7,391.40	\$ -11,805.62	\$ 10,889.82
Total	\$ 80,235.57	\$ 80,491.71	\$ 74,039.84	\$ 72,274.90	\$ 11,129.66
Grand Total	\$ 6,400,512.82	\$ 376,363.56	\$ 468,772.88	\$ 610,887.32	\$ 5,554,769.48
Balance of resources (Cash+Immobilisation)					\$ 4,661,899.40

¹⁶ Transmitted 2018 financial report presents an amount of \$254,212.02. Adjusted expenses amount to \$261,871.86. This is taken in the asset adjustment reports in (b).

¹⁷ An asset acquisition of \$348.04 has been done in 2019 during year-end closure period but was not recorded in transmitted 2018 financial report.

¹⁸ Utility schedule (Cash availability and contributions receivable)

¹⁹ Utility plant inventory

Copied Jean Michel, Chief de Projet

Signature et Date

13/03/2020

Fernando Hidalgo, Representant Résident

Signature et Date

- Table of field missions carried out
- Table of major activities planned for 2020
- 2019 steering committee report
- Substantive revision of 2019
- Pre-feasibility study on the 10 municipalities for the development of renewable energy-based electrification microsystems.
- Feasibility study and specifications for the construction of electrical distribution networks in the 3 municipalities
- Pictures



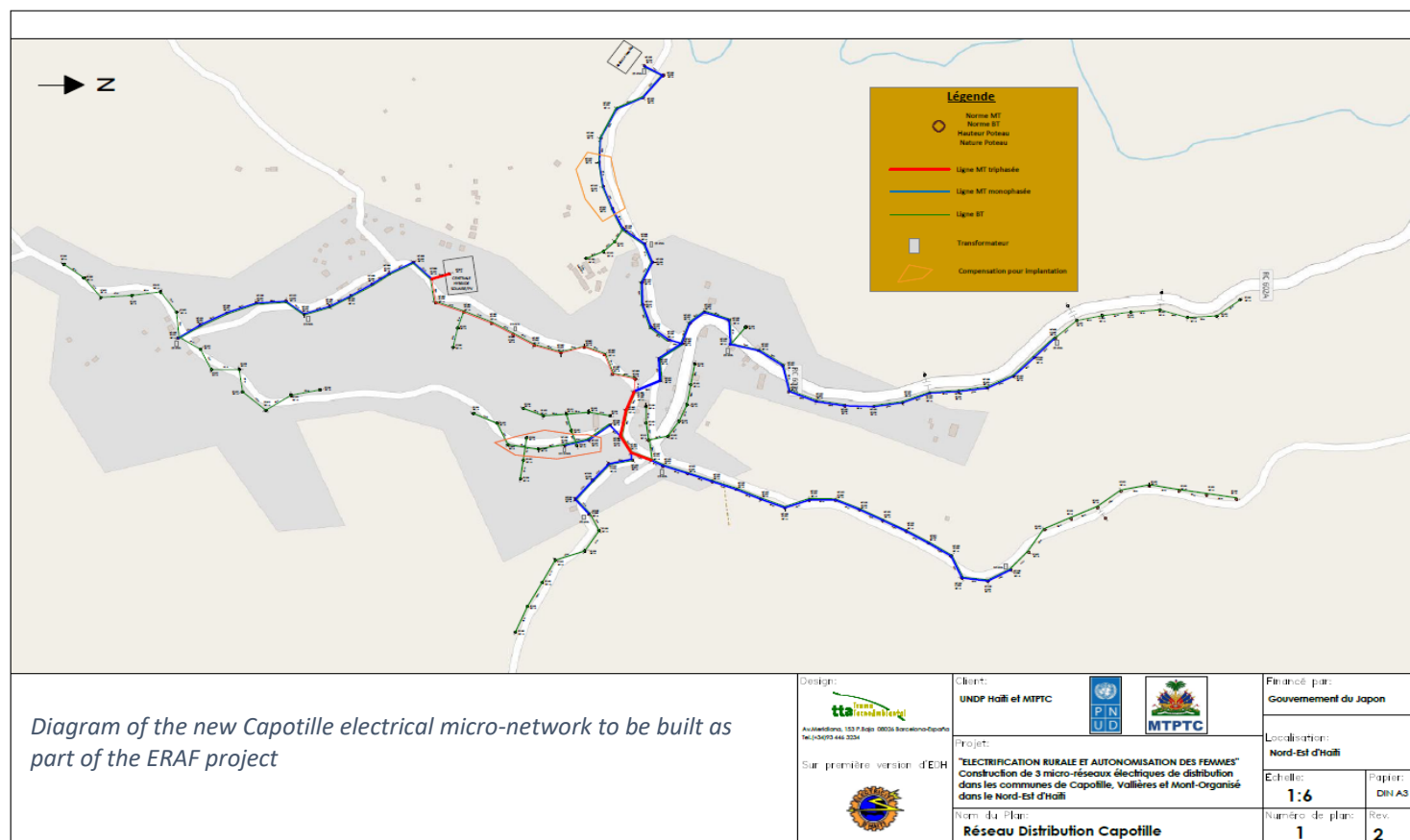
Some images and Intervention of participants on the debates related to ODD7 during the awareness and promotion forum of ODD7 in Haiti organized on the 13th at Quisqueya University.



Director of ANARSE speaking at the forum on the promotion of ODD7 in Haiti, held at the UniQ on July 13th, 2019



Community Awareness Session in target communities on the ERAF project. -Capotille





The site where Capotille's hybrid solar PV micro-plant will be built. - Capotille market



Location of the town Vallières in relation to Ouanaminthe

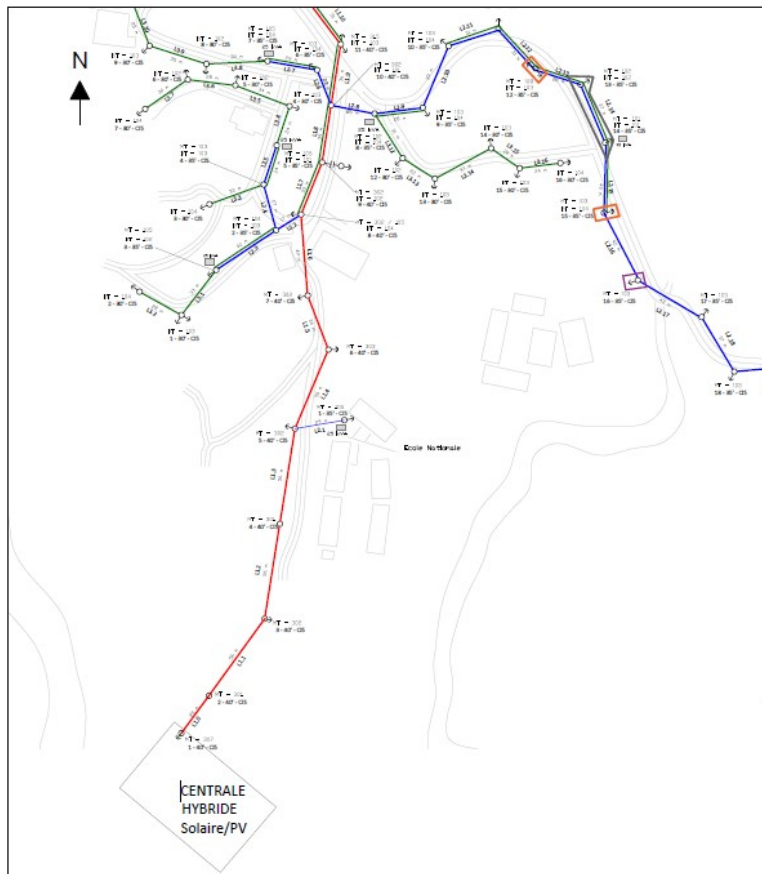


Diagram of the new Vallières electrical distribution micro-network to be built as part of the ERAF project

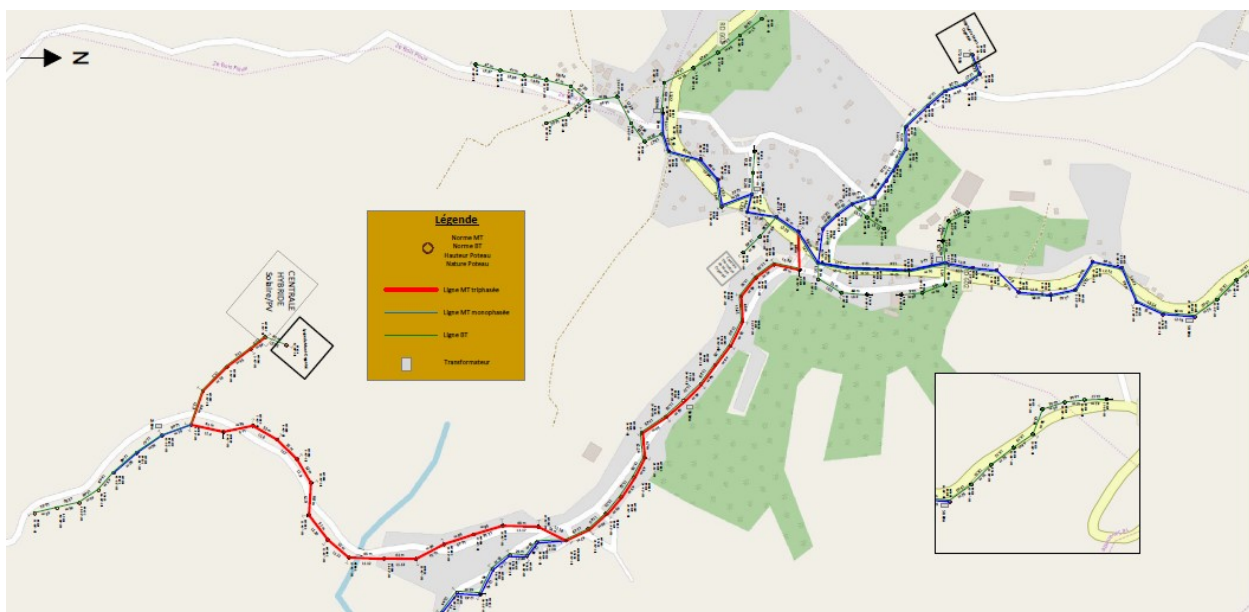


Diagram of the new Mt-Organise electrical distribution micro-network to be built as part of the ERAF project



Image of a smart prepaid meter in operation in a small business in Mole St Nicolas. (Case of the SIGORA Micro-network, North-West, Haiti)



Image of a reading frame of a prepaid Coteaux meter indicating in real time to the user the number of Kwh remaining on his account. (Case of the CEAC Micro-network, South Haiti)



View of the Coteau Solar / Diesel power plant. (CEAC, South of Haiti)